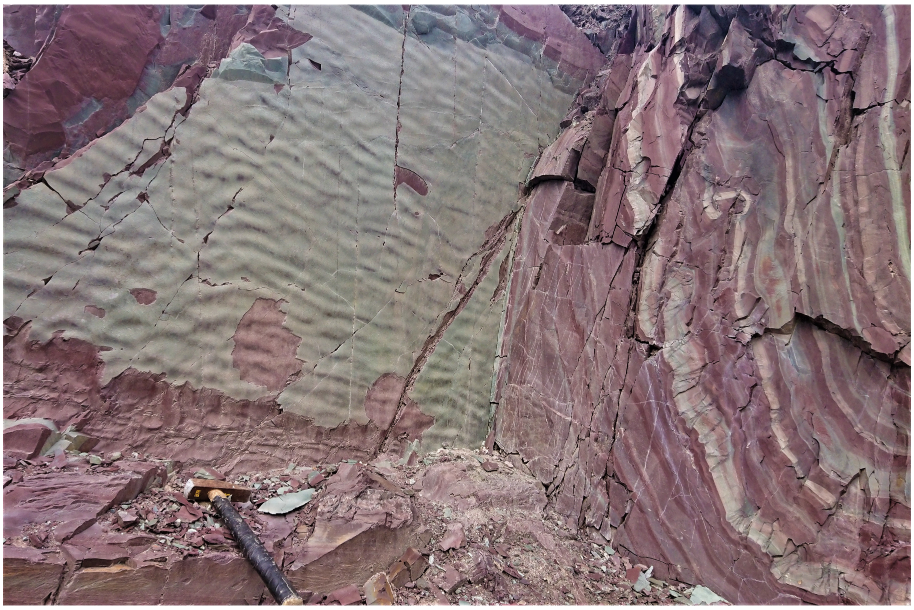
Master's thesis

NTNU
Norwegian University of Science and Technology
Faculty of Engineering
Department of Geoscience and Petroleum

Kine Tangvik Størdal

Provenance of the Neoproterozoic–Cambrian Vestertana Group in Finnmark, northern Norway

Master's thesis in Geology
Supervisor: Trond Slagstad & Bjørn Eske Sørensen
May 2023



Overturned wave ripples in the Nyborg Formation.

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Abstract

Detrital zircon studies can help to constrain paleogeography, tectonic reconstructions, and crustal evolution. Zircon is popularly used as a tracer of sedimentary provenance because of its robustness and occurrence in virtually all sedimentary deposits; it is datable by the U–Pb method and its Hf composition reflects the composition of the parent rock in which it crystallized. This study utilizes field observations with emphasis on paleocurrent measurements and U–Pb geochronology and Lu–Hf compositions of detrital zircons to gain information about the provenance of the Neoproterozoic–Cambrian Vestertana Group in the Tanafjord–Varangerfjord area, northern Norway.

The Vestertana Group was deposited on the border between the Neoproterozoic to early Paleozoic continental margin of western Baltica and the Timanian basin in northwestern Russia. The group consists of five formations; from oldest to youngest: Smalfjord, Nyborg, Mortensnes, Stáhpogieddi, and Breidvika. A previous study claims that most of the sediments in the Vestertana Group were derived from southerly sources on the Fennoscandian Shield. However, a zircon population with ages around 552 Ma, appearing in the uppermost member in the Stáhpogieddi Formation, was suggested to be derived from the Timanian Orogen. The Timanian Orogen is inferred to have been located northeast of the study area. An inferred shift in the main paleocurrent direction from a northerly to a southerly direction is also used as an argument for a change in the source area within the Vestertana Group. Due to poor constraints on the extent of the Timanian Orogen and few detrital zircon studies in the northwestern part of Russia and Finnmark, one can question whether a Timanian source is correct or likely.

The claimed shift in the main transport direction from a northerly to a southerly direction within the Stáhpogieddi Formation was not observed in this study. A radical change in the rate of sediment supply, which one might expect to see if the sedimentary basin went from being a passive margin into a foreland basin, as suggested by the Timanian model, was also not observed. However, several outcrops in other areas, such as the Digermul Peninsula and autochthonous parts of the Varanger Peninsula, should be investigated before concluding.

The U–Pb and Lu–Hf data obtained from 16 samples from the Vestertana Group using LA-ICP-MS, show a strong Fennoscandian affinity in addition to input from an unknown Neoproterozoic source. Potential Neoproterozoic sources are for instance the Timanian Orogen or a hypothetical active western Baltican margin. Although no major changes related to paleocurrents or sediment-supply rates within the Stáhpogieddi Formation were observed, the input of late Neoproterozoic zircons found in the Ediacaran–Cambrian Manndrapselva Member of the Stáhpogieddi Formation indicates that a new source began to supply the sedimentary basin with sediments.

Other studies show that zircons with ages between 700 and 600 Ma are found in older Ediacaran sedimentary rocks in southeastern Norway. These zircons cannot be derived from the Timanian Orogen, which implies that there must have existed another late Neoproterozoic source of zircon in Fennoscandia at the time. However, data from Cambrian–Silurian sedimentary rocks sampled in southern Norway have detrital zircon age spectra and Hf isotopic values that are different from samples from northern Norway and Russia. To determine the provenance of the late Neoproterozoic detrital zircons found in both the Vestertana Group and in other regions, more information about the potential late Neoproterozoic sources is needed. Currently, the knowledge about the

Timanian Orogen and a hypothetical active western Baltican margin is limited. The late Neoproterozoic zircons can also be derived from a yet undiscovered source.

Sammendrag

Detritalzirkonstudier kan bidra til å bestemme paleogeografi, tektoniske rekonstruksjoner og jordskorpeutvikling. Zirkon benyttes populært i sedimentære provenansstudier på grunn av sin robusthet og tilstedeværelse i så og si alle sedimentære bergarter; det kan dateres ved hjelp av U–Pb-metoden og Hf-sammensetningen gjenspeiler sammensetningen til opphavsbergarten det krystalliserte i. Denne studien benytter feltobservasjoner med hovedfokus på paleostrømmålinger, U–Pb geokronologi og Lu–Hf-sammensetninger av detritalzirkoner for å få informasjon om provenansen til den neoproterozoiske til kambriske Vestertana-gruppen i Tanafjord–Varangerfjordområdet, Nord-Norge.

Vestertanagruppen ble avsatt på grensen mellom den neoproterozoiske til tidlig-paleozoiske kontinentalmarginen i vestlige Baltika og det timanske bassenget i Nordvest-Russland. Gruppen består av fem formasjoner; fra eldst til yngst: Smalfjord, Nyborg, Mortensnes, Stáhpogieddi og Breidvika. En tidligere studie hevder at det meste av sedimentene i Vestertanagruppen kommer fra sørlige kilder på det fennoskandiske skjoldet. Men det ble også foreslått at en zirkonpopulasjon med alder rundt 552 Ma, som er funnet i det øverste medlemmet i Stáhpogieddiformasjonen, stammer fra den timanske fjellkjeden. Den timanske fjellkjeden antas å ha vært lokalisert nordøst for studieområdet. Et antatt skifte i hovedpaleostrømretning fra en nordlig til en sørlig retning brukes også som et argument for en endring av kildeområdet i Vestertanagruppen. På grunn av lite kunnskap rundt utbredelsen av den timanske fjellkjeden og få detritalzirkonstudier i den nordvestlige delen av Russland og Finnmark, kan man stille spørsmål ved om en timansk kilde er korrekt eller sannsynlig.

Det påståtte skiftet i hovedtransportretning fra en nordlig til en sørlig retning i Stáhpogieddiformasjonen ble ikke observert i denne studien. En radikal endring i sedimenttilførselsraten, som man kunne forvente å se dersom sedimentbassenget gikk fra å være en passiv margin til et forlandsbasseng, ble heller ikke observert. Men flere blotninger i andre områder, for eksempel Digermulhalvøya og autoktone deler av Varangerhalvøya, bør undersøkes før det konkluderes.

U–Pb- og Lu–Hf-data fra 16 prøver fra Vestertana-gruppen, analysert ved hjelp av LA-ICP-MS, viser en sterk fennoskandisk affinitet, i tillegg til tilførsel fra en ukjent neoproterozoisk kilde. Potensielle neoproterozoiske kilder er for eksempel den timanske fjellkjeden eller en hypotetisk aktiv vestlig baltisk margin. Selv om ingen store endringer i forbindelse med paleostrømretninger eller sedimenttilførselsrater ble observert i Stáhpogieddi-formasjonen, indikerer tilførselen av sen-neoproterozoiske zirkoner, funnet i det ediacariske til kambriske Manndrapselvamedlemmet i Stáhpogieddiformasjonen, at en ny kilde begynte å forsyne sedimentbassenget.

Andre studier viser at zirkoner med alder mellom 700 og 600 Ma finnes i eldre ediacariske sedimentære bergarter i Sørøst-Norge. Disse zirkonene kan ikke komme fra den timanske fjellkjeden, noe som antyder at det må ha eksistert en annen sen-neoproterozoisk kilde til zirkon i Fennoskandia på dette tidspunktet. Kambriske til siluriske sedimentære bergarter, prøvetatt i Sør-Norge, har alderstopper og Hf-isotopverdier for sen-neoproterozoiske zirkoner som er forskjellige fra prøver fra Nord-Norge og Russland. For å bestemme opprinnelsen til de sen-neoproterozoiske detritalzirkonene som finnes i både Vestertanagruppen og i andre regioner, er det nødvendig med mer kunnskap om de mulige, sen-neoproterozoiske kildene. Foreløpig er kunnskapen om den timanske fjellkjeden og en hypotetisk aktiv vestlig baltisk margin

mangelfull. De sen-neoproterozoiske zirkonene kan også stamme fra en foreløpig uoppdaget kilde.

Acknowledgments
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Kine Tangvik Størdal

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Table of Contents

List of Figures

List of Tables

List of Abbreviations

BREID	Breidvika Formation
BSE	Backscatter electron
BSR	Barents Sea Region
CHUR	Chondritic Uniform Reservoir
CL	Cathodoluminescence
CLGB	Central Lapland Greenstone Belt
DM	Depleted mantle
Fm	Formation
Ga	One billion years (giga annum)
HFSE	High field strength element
LA-MC-ICP-MS	Laser ablation multi collector inductively coupled plasma mass spectrometer
Ma	One million years (mega annum)
MDA	Maximum depositional age
MLA	Maximum likelihood age
MiMac	Norwegian Laboratory for Mineral and Materials Characterisation
MORT	Mortensnes Formation
MSWD	Mean squared weighted deviation
NGU	Geological Survey of Norway
NTNU	The Norwegian University of Science and Technology
NYB	Nyborg Formation
ppl	Plane-polarized light
REE	Rare-earth elements
SD	Standard deviation
SE	Standard error
SEM	Scanning Electron Microscope
SIMS	Secondary ion mass spectrometry
SMAL	Smalfjord Formation
SRFZ	Sredni–Rybachi Fault Zone
STAI	Stáhpogieddi Formation Innerelva Member
STAL	Stáhpogieddi Formation Lillevatnet Member
STAM	Stáhpogieddi Formation Manndrapselva Member
TIB	Transscandinavian Igneous Belt
TKFZ	Trollfjorden–Komagelva Fault Zone
TVR	Tanafjorden–Varangerfjorden Region
xpl	Cross-polarized light

1 Introduction

1.1 Background and aim of study

From detailed analytical studies of detrital zircon in clastic sediments, one can obtain information on the age, composition, and petrogenesis of the protosources (Andersen et al., 2022). Zircon is a physically and chemically robust mineral that occurs in virtually all sedimentary deposits (Fedo et al., 2003). Because zircon is datable by the U–Pb method and its Hf composition reflects the parent rock in which it crystallized, zircon is popularly used as a tracer of sedimentary provenance (Andersen et al., 2022). Information obtained from analyses of detrital zircon can help to constrain paleogeography, tectonic reconstructions, and crustal evolution (e.g., Fedo et al., 2003; Collins et al., 2011; Cawood et al., 2012; Spencer et al., 2018).

In the Tanafjord–Varangerfjord area in Finnmark, northern Norway, a thick succession of variably deformed, low-grade metamorphic sedimentary rocks of late Proterozoic to early Cambrian age is preserved (Siedlecka & Roberts, 1992). The sedimentary succession lies on the border between the Neoproterozoic to early Paleozoic continental margin of western Baltica and the Timanian basin (Rice et al., 2012). According to Zhang et al. (2015), most of the sediments were derived from southerly sources on the Fennoscandian Shield. However, the youngest formations in the Gaissa Nappe Complex seem to have a different source area, based on an age peak of ~552 Ma (Zhang et al., 2015) and an inferred change in the paleocurrent direction from a southerly to a northerly source (Banks et al., 1971). It is claimed that the sediments were derived from the Timanian Orogen inferred to have been located northeast of the Varanger Peninsula (Zhang et al., 2015). However, other interpretations are possible (e.g., Slagstad et al., 2023).

The type locality of the Timanian Orogen is the Timan range, which can be traced southeast to the Middle Urals and northwest to the Kanin Peninsula, in northwestern Russia (Gee & Pease, 2004; Kuznetsov et al., 2010). Several authors (e.g., Siedlecka et al., 2004; Kuznetsov et al., 2010, 2014; Andresen et al., 2014; Zhang et al., 2015; Ershova et al., 2020) claim that the Timanian Orogen extends further towards the northwest, past the Varanger Peninsula. However, the evidence for this is poor. The Timanian fingerprint is also claimed to have been found in Troms, Northern Norway, by Andresen et al. (2014) and in the southwestern Scandinavian Caledonides, ca. 2000 km south of the inferred Timanian Orogen, by Slama and Pedersen (2015). Due to poor constraints on the extent of the Timanian Orogen and few detrital zircon studies in the northwestern part of Russia and Finnmark, one can question whether a Timanian source is correct or likely.

In this study, the next youngest group of the sedimentary succession in the Gaissa Nappe Complex deposited between late Cryogenian and middle Cambrian is investigated further. This group is called the Vestertana Group and it consists of five formations; from oldest to youngest: Smalfjord, Nyborg, Mortensnes, Stáhpogieddi, and Breidvika. The aim of the study is to get a better understanding of the sediment provenance with particular focus on whether sediments were derived from the Timanian Orogen or if other, alternative sources may have played a role. This study utilizes field observations with emphasis on paleocurrent measurements, U–Pb geochronology, and Lu–Hf compositions of detrital zircons to gain information about the provenance of the Vestertana Group.

1.2 Description of the study area

The study area is located in Finnmark, northern Norway, in the Gaissa Nappe Complex (Fig. 1.1). Field observations were made in Tana, Gamvik, and Lebesby municipalities. Two profiles through the Vestertana Group were sampled: one along the Tanafjord Road from Vestertana to Ifjordfjellet, and one on the Digermul Peninsula, as shown in Fig. 1.1. The outcrops along the road were easily accessed by car and short walks, whereas the Digermul Peninsula was accessed by boat and a long walk up the hillside to collect samples from all the geological units. The landscape is quite barren, which means that the outcrops generally are of good quality with little vegetation and overgrowth on the rocks. Several recently-made road cuts along the Tanafjord Road provided excellent exposure of the rocks.

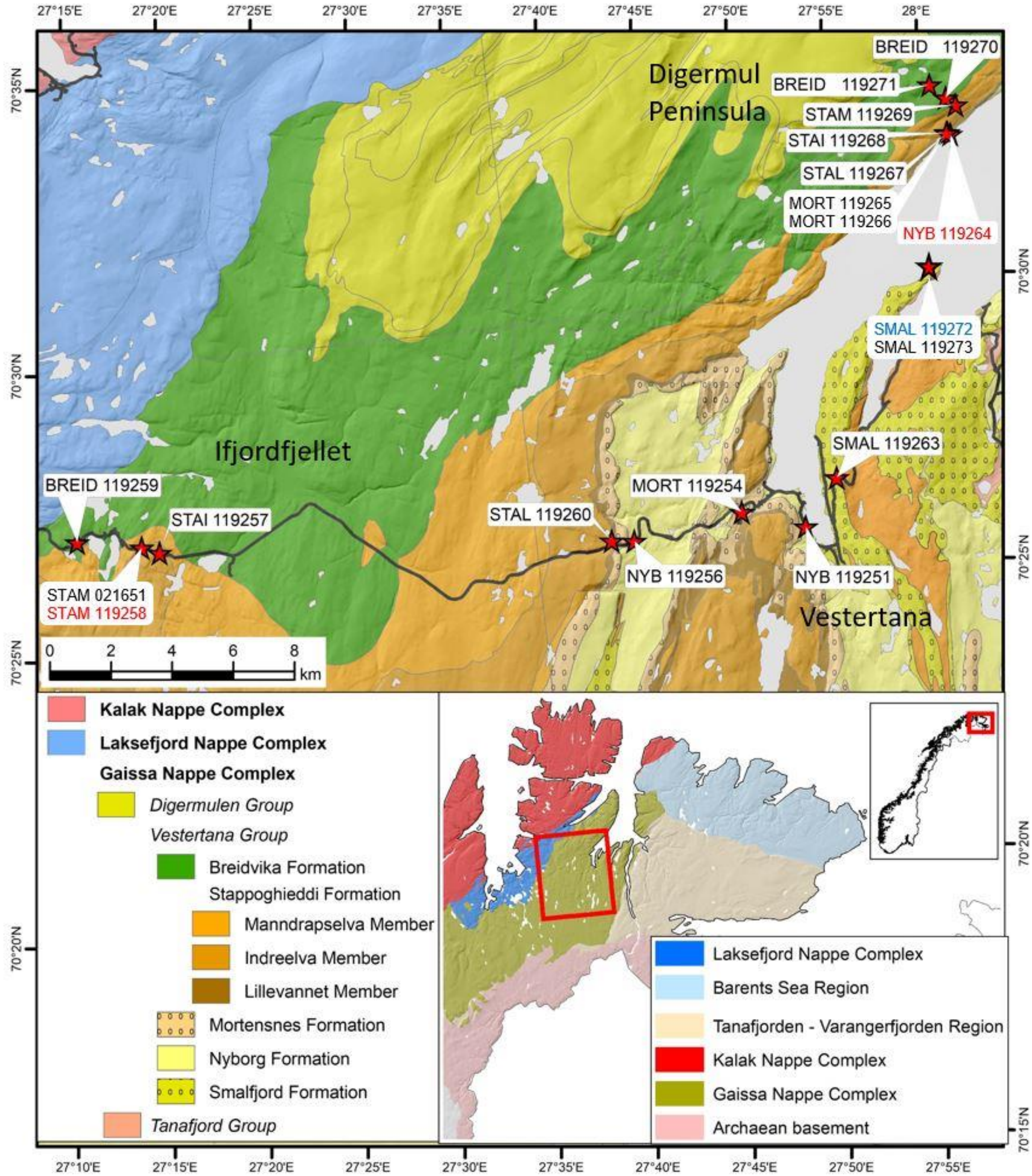


Figure 1.1: Map with sample localities (red stars). A red sample number indicates that the sample contained too few zircons to be analyzed. A blue sample number indicates that the sample was analyzed but later discarded due to too many discordant analyses.

2 Regional geology

In the Tanafjord–Varangerfjord area a thick succession of weakly metamorphosed sedimentary rocks of late Proterozoic to early Cambrian age is preserved. The Varanger Peninsula is divided into two regions by a complex NW–SE-trending fault zone, the Trollfjorden–Komagelva Fault Zone (TKFZ), with the Tanafjorden–Varangerfjorden Region (TVR) to the southwest and the Barents Sea Region (BSR) to the northeast (Fig. 2.1; Banks et al., 1971; Siedlecka & Roberts, 1992; Rice, 1994; Zhang et al., 2015).

The sedimentary succession in the Tanafjord–Varangerfjord area lies on the border between the Neoproterozoic to early Paleozoic continental margin of western Baltica and the Timanian basin (Rice et al., 2012). Most of the sediments were derived from southerly sources on the Fennoscandian Shield, according to Zhang et al. (2015). The western part of the peninsula has experienced deformation due to the Caledonian orogeny. To the east of the peninsula lies the Timanian Orogen (Fig. 2.1; Rice et al, 2012).

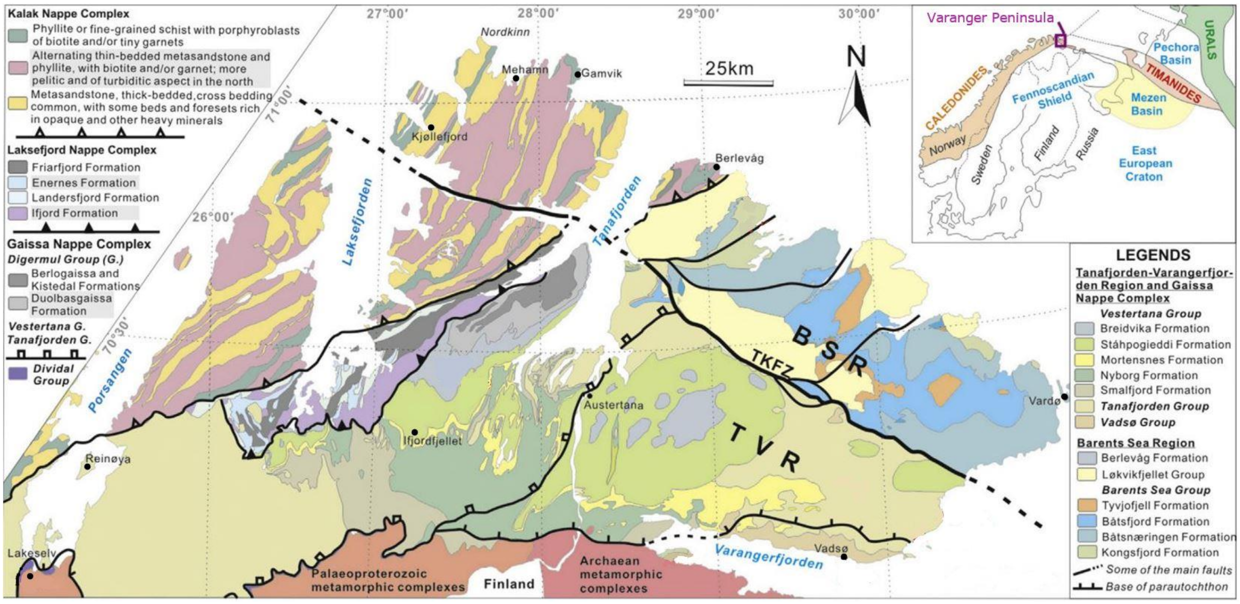


Figure 2.1: Simplified bedrock map of the Varanger Peninsula. Upper right inset shows the position of the Varanger Peninsula in relationship to the Caledonides and the Timanian Orogen. The figure is modified from Zhang et al. (2015, fig. 1). Abbreviations: BSR – Barents Sea Region, TKFZ – Trollfjord–Komagelva Fault Zone, TVR – Tanafjorden–Varangerfjorden Region.

In this chapter, the Precambrian rocks of the Fennoscandian Shield and the Ediacaran–Cambrian Timanian Orogen are introduced. In addition, the sedimentology and stratigraphy of the two regions (TVR and BSR) are described in more detail. A summary of previous work related to paleocurrent observations in the Vestertana Group and dating of detrital zircons is given in Sections 2.5 and 2.6, respectively. The impacts of the Caledonian orogenesis on the sedimentary rocks and the features and formation processes of the TKFZ are discussed in the last sections.

2.1 The Fennoscandian Shield

Fennoscandia was a part of the paleocontinent Baltica, also known as the East European Craton (Fig. 2.2). The Precambrian rocks of the Fennoscandian Shield can be divided into three domains: the Archean Domain in the northeast, the Svecofennian Domain in the central part, and the Southwest Scandinavian Domain in the southwest (Gaál & Gorbatschev, 1987), now commonly referred to as the Sveconorwegian Province (Bingen et al., 2008a).

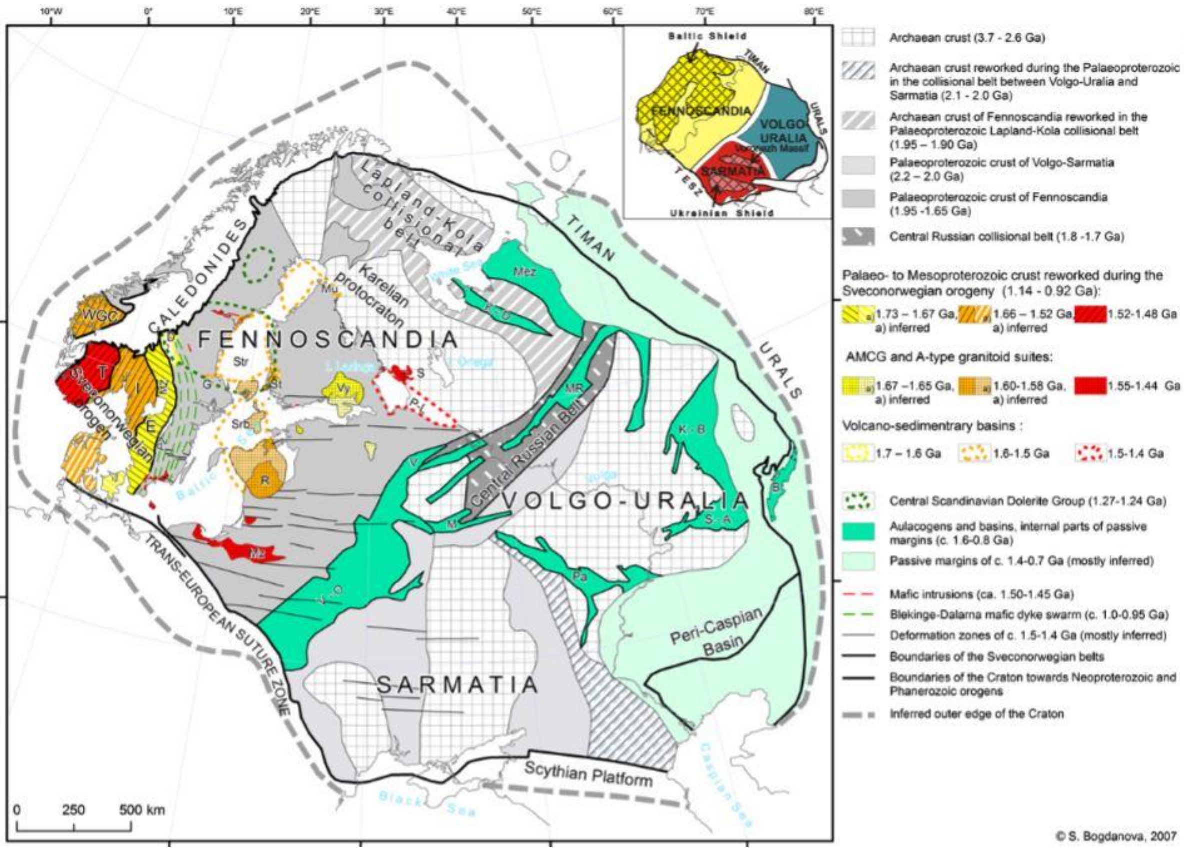


Figure 2.2: Tectonic complexes of Baltica (from Bogdanova et al., 2008, fig. 1). Abbreviations: B – Bashkirian uplift (S. Urals), D – Dala basin, E – Eastern Segment, G – Gävle graben, I – Idefjorden terrane, K-B – Kama-Belsk aulacogen, K-D – Kandalaksha-Dvina graben, M – Moscow graben, Mez – Mezen rifts, MR – Mid-Russian aulacogen, Mu – Muhos graben, MZ – Mylonite Zone, Mz – Mazury igneous complex, Pa – Pachelma aulacogen, P-L – Pasha-Ladoga graben, PZ – Protogine, Zone R – Riga pluton, T – Telemarkia, S – Salmi pluton, S-A – Sernovodsk-Abdulino aulacogen, St – Satakunta graben, Srb – Strombus basin, Str – Strömmingsbådan basin, V – Valday graben, V-O – Volyn-Orsha aulacogen, Vy – Vyborg pluton, WGC – Western Gneiss Complex.

The Archean Domain consists mainly of granitoids and various complexes of greenstone, paragneiss, and granulite. They vary in age from 3.5 to 2.6 Ga. The domain is divided into several provinces; from southwest to northeast these are the Karelian, Belomorian, Kola, and Murmansk provinces (Slabunov et al., 2006).

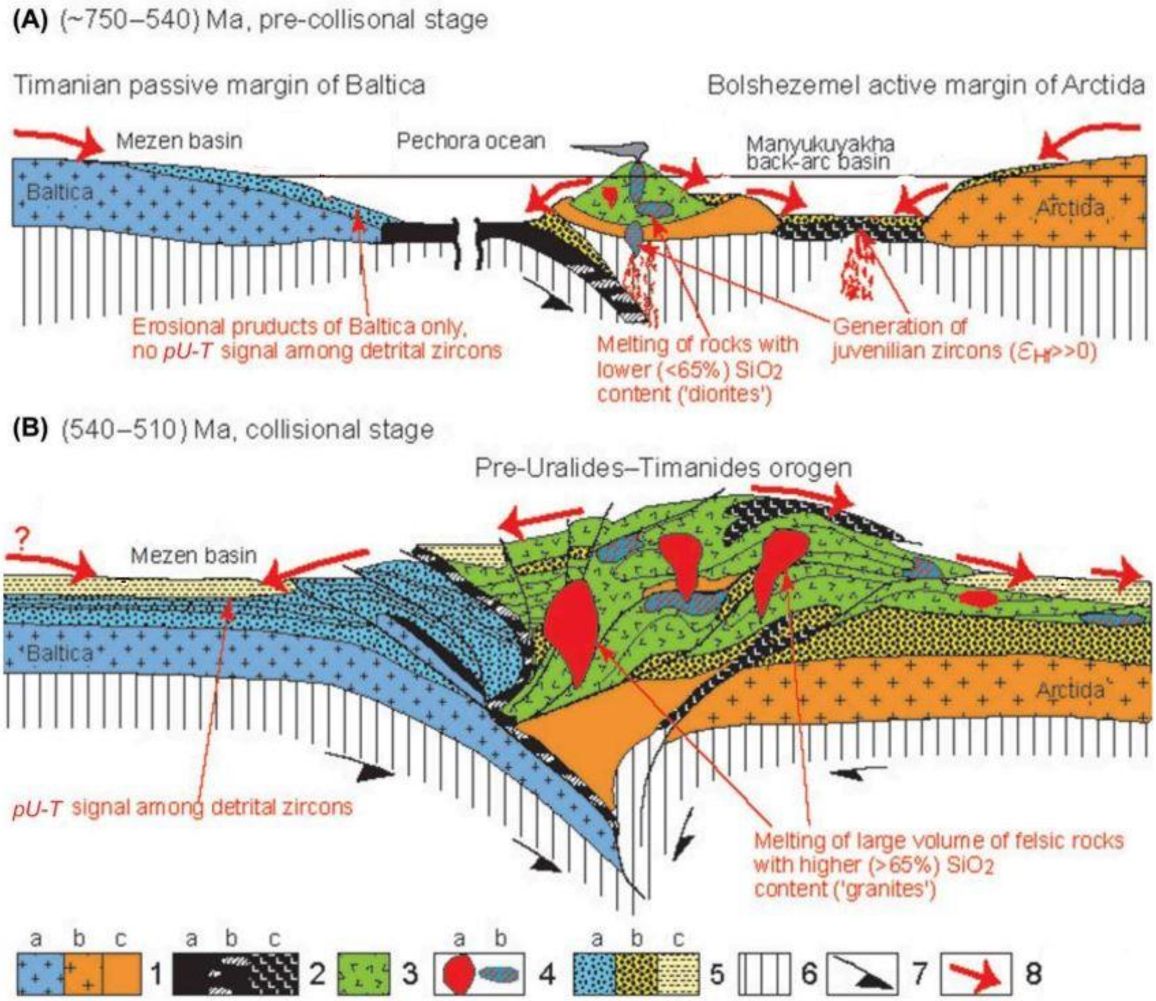
The Central Lapland Greenstone Belt is located in northern Finland with continuations in northern Norway, Sweden, and Russian Karelia. It is one of the largest Paleoproterozoic greenstone belts in the Fennoscandian Shield. Mafic-ultramafic layered intrusions were produced in three episodes at 2.44, 2.22, and 2.05 Ga (Hanski & Huhma, 2005; Orvik et al., 2022).

The Svecofennian Domain is interpreted to have developed during five partly overlapping accretionary orogenic stages linked to the Svecofennian Orogeny (1.92–1.77 Ga) at the margin of the Karelian Province (Korja et al., 2006). To the southwest of the Svecofennian Domain lies the Transscandinavian Igneous Belt (TIB), separating the Sveconorwegian Province from the rest of the Fennoscandian Shield (Gaál & Gorbatschev, 1987). According to Larson and Berglund (1992), there were three magmatic episodes within the TIB. The first group (TIB 1) intruded between 1.81 and 1.76 Ga, the second (TIB 2) between 1.71 and 1.69 Ga, and the youngest magmatic episode occurred between 1.67 and 1.65 Ga (Larson & Berglund, 1992). Between 1650 Ma and 1540 Ma, rapakivi granites of Finland were emplaced into the Svecofennian crust (Heinonen et al., 2010). The rapakivi granites are classified as A-type granites emplaced in a within-plate setting. Heinonen et al. (2010) infer the rapakivi granites to be the result of partial melting of Svecofennian crustal sources with a possible (minor) contribution from mantle-derived melts.

The youngest part of the Fennoscandian Shield is the Sveconorwegian Province, and it consists of several crustal blocks (Bingen et al., 2008a). The Sveconorwegian Orogeny reworks rocks formed during four earlier orogenic events: the Gothian (1750–1550 Ma), the Telemarkian (1520–1480 Ma), the Hallandian (1450–1400 Ma), and the Sveconorwegian (1130–900 Ma) (Gaál & Gorbatschev, 1987; Andersen, 2005; Bingen et al., 2008a, b).

2.2 The Timanian Orogen

The type locality of the Timanian Orogen is the Timan range in northwestern Russia. The Timan range can be traced southeast to the Middle Urals and northwest to the Kanin Peninsula (Gee & Pease, 2004; Kuznetsov et al., 2010). It separates the Fennoscandian Shield from the Pechora Basin and the Polar Urals (Gee & Pease, 2004) as shown in Fig. 2.1. The Timanian Orogen is likely the result of a collision between Baltica (Timan passive margin) and Arctida (Bolshezemel active margin) (Fig. 2.3), a hypothetical composite terrane located north of the Timanian Orogen (Kuznetsov et al., 2007, 2014).



1 – crust of continental type: (a) basement of Baltica, (b) basement of Arctida, (c) possible fragments of continental crust of unknown origin in the basement of volcanic arc(s).
2 – crust of oceanic type: (a) of Pechora ocean (a), (b) metamorphosed under low temperature and high/ultra-high pressure into a subduction zone(s), (c) generated into a back-arc basin(s).
3 – volcanic and volcanic-sedimentary complexes of volcanic arc(s).
4 – intrusive complexes: (a) with higher (>65%) content of SiO_2, (b) with lower (<65%) content of SiO_2.
5 – sedimentary complexes: (a) autochthonic to Baltica basement and deposited before Arctida-Baltica collision, (b) deposited within the Bolshezemel active margin of Arctida, (c) deposited within Arct-Europe after Arctida–Baltica collision.
6 – mantle.
7 – direction of plate movements.
8 – flux of erosional products.

Figure 2.3: Model of the Arctida–Baltica Collision: (A) Pre-collisional stage (~750–540 Ma) and (B) collisional stage (540–510 Ma) (modified from Kuznetsov et al., 2014, fig. 4). Abbreviations: pU-T signal – Pre-Uralides Timanian provenance signal.

Kuznetsov et al. (2007) investigated the age distribution of the I-type and A-type granitoids of the Timanian Orogen. The I-type granitoids cover a time interval of ca. 185 Ma from 700 to 515 Ma, while the A-type granitoids span an interval from ca. 565 to 500 Ma. The I-type magmatism corresponds to subduction-related (active margin of Arctida) and collision-related (Baltica–Arctida collision) magmatism. The A-type granitoids, that partly overlap in age with the I-type magmatism, could have been formed in zones that were warmed by ascending mafic magma, possibly indicating local extension at a late stage of the collision process (Kuznetsov et al., 2007).

Kuznetsov et al. (2014) show that the onset of the Arctida–Baltica collision can be constrained to the time interval between 540 Ma and 510 Ma (see Section 2.6). Erosional products from the collisional orogen could only have been transported and deposited on the Baltica side after the collision (Fig. 2.3). On the Arctida side, on the other hand, zircons produced in the active margin could have been deposited in pre-collisional sediment deposits (Kuznetsov et al., 2014). Fig. 2.4 shows crystalline complex ages recorded from the Timanian Orogen (Kuznetsov et al., 2014).

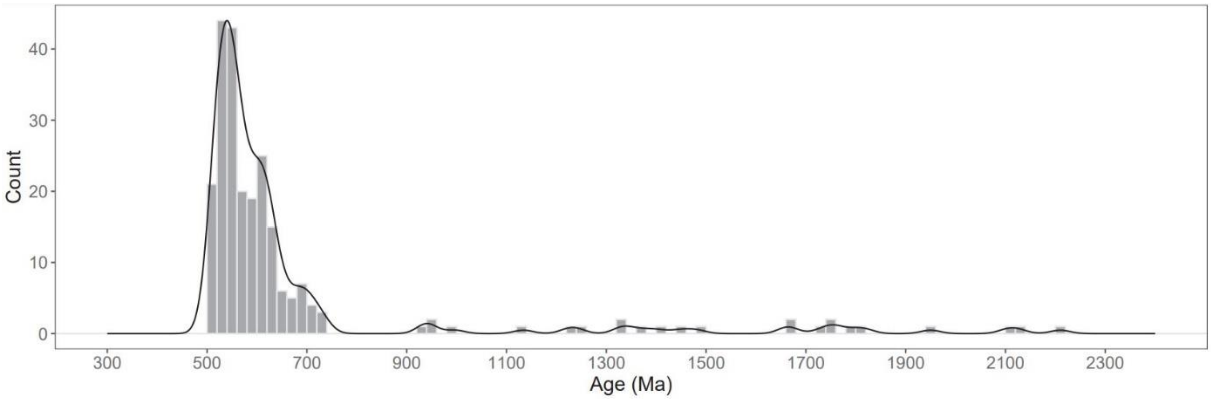


Figure 2.4: Ages of the crystalline complexes of the Timanian Orogen (data from Kuznetsov et al., 2014, supplementary table 1).

2.3 Sedimentology and stratigraphy in the Tanafjorden–Varangerfjorden Region and in the Gaissa Nappe Complex

The sedimentary sequence of the Tanafjorden–Varangerfjorden Region is a ca. 4 km-thick platformal to shallow-basin succession of mainly fluvial and shallow-marine sedimentary rocks, and it also contains two distinct tillite horizons, the Smalfjord and Mortensnes formations. The sedimentary rocks rest unconformably on top of Precambrian basement (Banks et al., 1971), and are considered to be autochthonous or parautochthonous, accumulated in a basin developed along the northern margin of the Fennoscandian Shield (Siedlecka & Roberts, 1992).

In the TVR the sedimentary sequence is divided into three groups: the Vadsø Group, the Tanafjord Group, and the Vestertana Group. West of the Varanger Peninsula, in the Gaissa Nappe Complex, the Digermul Group overlies the Vestertana Group (Table 2.1; Zhang et al., 2015). There are unconformities between all the groups, except between the Vestertana Group and the Digermul Group (Rice et al., 2012). The succession is mostly siliciclastic, only with some layers of dolostones at the top of the Tanafjord Group and in the lower part of the Vestertana Group (Rice et al., 2012).

Table 2.1: Lithostratigraphic succession in the Tanafjorden–Varangerfjorden Region (TVR) and the Gaissa Nappe Complex (based on Zhang et al., 2015, table 1).

Age	Lithostratigraphic units		
Time period	Group	Formation	Member
Ordovician	Digermul	Berlogaissa	
Cambrian		Kistedalen	
		Duolbasgaissa	Upper
			Lower
	Vestertana	Breidvika	Upper
			Lower
Ediacaran		Stáhpogieddi	Manndrapselva
			Innerelva
			Lillevatnet
		Mortensnes	
		Nyborg	
		Smalfjord	
Cryogenian	Tanafjord	Grasdalen	Upper
			Lower
		Haknalančearru	
		Vággi	
		Gamasfjellet	
		Dakkovarre	
		Stangenes	
		Grønneset	
	Vadsø	Ekkerøya	
		Golneselva	
		Paddeby	
		Andersby	
Tonian		Fugleberget	
		Klubbnasen	
		Veidnesbotn	

The Vadsø Group is a 590–960 m-thick sedimentary succession that is divided into seven formations, as shown in Table 2.1 (Zhang et al., 2015). The Veidnesbotn Formation is interpreted to have been deposited in a shallow-marine environment. Above this formation, there is an alternating sequence of braided fluvial, prodelta, and deltaic sandstones and siltstones. The Ekkerøy Formation records a shallow-marine depositional environment (Rice et al., 2012). The age range of the Vadsø Group is inferred to be from Tonian to late Cryogenian based on observations of microfossils, especially acritarchs (Vidal, 1981; Rice et al., 2012).

The Tanafjord Group overlies the Vadsø Group and is a 1450–1670 m-thick sedimentary succession that is divided into seven formations, shown in Table 2.1 (Zhang et al., 2015). The formations seem to have been deposited in a shallow-marine environment controlled by regressions and transgressions. The dolostones in the Grasdalen Formation are interpreted as sabkha deposits (Rice et al., 2012). The age of the group is likely Cryogenian based on observations of microfossils and its lithostratigraphic position not far below the tillites in the Vestertana Group (Vidal, 1981; Rice et al., 2012; Zhang et al., 2015).

The Vestertana Group is divided into five formations and has a total thickness of 1320–1660 m (see Table 2.1; Zhang et al., 2015). There is a regionally marked subglacial unconformity between the Vestertana Group and the underlying Tanafjord Group. The lower part of this group consists of two glacigenic units, the older one being the Smalfjord Formation and the younger one the Mortensnes Formation, separated by the Nyborg Formation (Reading & Walker, 1966; Edwards, 1984; Rice et al., 2012). The Nyborg Formation consists of dolostones in its lower part followed by interbedded purple sandstones and shale- and-siltstone packages, representing a shallowing-upwards, tidally influenced marine environment (Reading & Walker, 1966; Edwards, 1984; Rice et al., 2012; Agić et al., 2019). The basal contact of the Mortensnes Formation is commonly parallel to the underlying strata, and it typically shows brecciation or homogenization of the subjacent sediments (Edwards, 1984).

Above the glacigenic deposits of the Mortensnes Formation lies the Stáhpogieddi Formation. The Stáhpogieddi Formation is divided into three members, from bottom to top: Lillevatnet, Innerelva, and Manndrapselva. The Lillevatnet Member consists of laminated siltstone and sandstone and is interpreted as a fluvial to shallow-marine deposit (Banks et al., 1971), while the Innerelva Member is dominated by laminated mudstone with two coarsening-upwards sequences. The mudstone is interpreted to have formed on a quiet marine shelf, and the coarsening-upwards sequences to represent periods of shallowing of the sea with increased wave activity. The overlying Manndrapselva Member consists of a thick package of reddish sandstones overlain by two coarsening-upwards sequences from mudstone and fine sandstone to cross-bedded sandstones. This succession is thought to represent three cycles: the reddish sandstones deposited in a shallow-marine environment, and the two coarsening-upwards sequences as turbidite to shallow-marine regressive cycles (Banks et al., 1971; Högström et al., 2013).

The Breidvika Formation overlies the Stáhpogieddi Formation and is divided into two members. The Lower Breidvika Member consists of alternating mudstones, siltstones, and sandstones, and is interpreted as a shallow-marine deposit. The Upper Breidvika Member is dominated by mudstone and is interpreted to have been deposited in a quiet marine basin with occasional turbidite currents (Banks et al., 1971; Högström et al., 2013).

The Smalfjord and Mortensnes formations have been correlated with the Marinoan and Gaskiers global glaciations, respectively (Rice et al., 2012). These correlations are based on comparisons of $\delta^{13}C$ data from east Finnmark and the relatively well-documented $\delta^{13}C$-curve of the Neoproterozoic. Negative $\delta^{13}C$ anomalies are recognized at the bottom and top of the Nyborg Formation. The one at the bottom corresponds to the Marinoan cap-dolostone anomaly constrained to 635.5 ± 0.2 Ma and the one in the upper part to the Wonoka anomaly, which is temporally associated with the 584–582 Ma Gaskiers glaciation (Rice et al., 2012). Trace fossils found in the Stáhpogieddi Formation indicate that the Ediacaran–Cambrian boundary is within the Manndrapselva Member (Högstrøm et al., 2013; Jensen et al., 2018). Diverse trace fossils and a few types of skeletal fossils have been recorded from the Breidvika Formation, indicating an early Cambrian age (Terreneuvian) (Jensen et al., 2018).

The Digermul Group consists of three formations and has a total thickness of 1510–1555 m (see Table 2.1; Zhang et al., 2015). The lowest formation of the Digermul Group is the Duolbasgaissa Formation, and the Breidvika Formation passes gradationally up into this formation. The boundary is set at a horizon characterized by abundant large, horizontal burrows (Banks et al., 1971). The Duolbasgaissa Formation is divided into a Lower- and Upper Duolbasgaissa Member; the lower member consists mainly of thin-bedded sandstones and siltstones, and the upper member predominantly of thick-bedded sandstones (Reading, 1965; Banks et al., 1971). The increasing thickness of the sandstone beds from the Upper Breidvika Member to the Upper Duolbasgaissa Member is interpreted to have been caused by a regression. The sedimentary rocks in the Lower Duolbasgaissa Member are interpreted to represent a transition between an open shelf environment and a marginal, coastal environment, while the Upper Duolbasgaissa Member represents deposition in a nearshore environment (Banks et al., 1971).

The Kistedalen Formation and the Berlogaissa Formation overlie the Duolbasgaissa Formation. These formations consist of alternating units of sandstones and shales, and they contain a rich fauna of trilobites, brachiopods, and trace fossils (Reading, 1965; Banks et al., 1971). In the Berlogaissa Formation, Tremadocian trilobites and graptolites that indicate a Lower Ordovician age have been found (Reading, 1965).

2.4 Sedimentology and stratigraphy in the Barents Sea Region

The sedimentary sequence of the Barents Sea Region consists of deep-marine submarine-fan deposits followed by deltaic, and then shallow-marine deposits. The total thickness of the sedimentary rocks is ca. 15 km. The rocks of the BSR are considered to be allochthonous and the original location of the sedimentary basin is unknown (Siedlecka & Roberts, 1992). The BSR is divided into two groups: the Barents Sea Group and the Løkviksfjellet Group (Table 2.2; Siedlecka & Roberts, 1992; Rice, 1994; Zhang et al., 2015). There is a slight angular unconformity between the two groups (Siedlecki & Levell, 1978; Siedlecka & Roberts, 1992).

Table 2.2: Lithostratigraphic succession in the Barents Sea Region (BSR) (based on Zhang et al., 2015, table 1).

Age	Lithostratigraphic units		
Time period	**Group**	**Formation**	**Member**
Cryogenian	Løkviksfjellet	Skidnefjellet	
		Stordalselva	
		Skjærgårdsneset	
		Styret	
		Sandfjorden	
	Barents Sea	Tyvjofjellet	
		Båtsfjord	Skovika
			Annijokka
		Båtsnæringen	Hestman
			Godkeila
			Seglodden
			Næringselva
Tonian		Kongsfjord	Nålneset
			Risfjorden

The Barents Sea Group has a total thickness of ~9 km and is divided into four formations shown in Table 2.2 (Zhang et al., 2015). The Kongsfjord Formation is a turbidite sequence consisting of interbedded sandstones, mudstones, and shales accumulated in a submarine fan. The overlying formation (Båtsnæringen Formation) contains sandstone, siltstone, and claystone, and is interpreted to be a major prograding delta (Vidal & Siedlecka, 1983; Siedlecka & Roberts, 1992). The Båtsfjord Formation consists of terrigenous and carbonate deposits (Vidal & Siedlecka, 1983), while the Tyvjofellet Formation contains a larger amount of sand and lacks carbonate beds (Siedlecka & Roberts, 1992). For the uppermost part of the Barents Sea Group, a shallow-marine environment with increasing energy and possible fluvial incursions is suggested by Siedlecka and Roberts (1992).

The Løkviksfjellet Group has a total thickness of ~5.7 km and is divided into five formations (see Table 2.2; Zhang et al., 2015). The Sandfjorden Formation is dominated by thick-bedded, coarse-grained sandstones and is interpreted to be of shallow-marine origin (Siedlecki & Levell, 1978). The overlying Styret Formation consists of thick-bedded, green or gray sandstone interbedded with thick units of dark siltstone and is interpreted to be of fluvial origin (Siedlecki & Levell, 1978). The three following formations, Skjærgårdsneset, Stordalselva, and Skidnefjellet, are all suggested to be of shallow-marine origin by Siedlecki and Levell (1978).

A varied assemblage of acritarchs in the Barents Sea Group shows that the group is of late Precambrian age. The boundary between Cryogenian and Ediacaran (~650 Ma) is found in the lower part of the Båtsfjord Formation (Vidal & Siedlecka, 1983). The Løkviksfjellet Group, on the other hand, does not provide any time-diagnostic acritarchs, thus the precise age of this group is unknown (Vidal & Siedlecka, 1983; Roberts & Siedlecka, 2012). However, Beckinsale et al. (1975) examined mafic dikes from the BSR and found K–Ar ages of dikes cutting both the Barents Sea Group and the Løkviksfjellet group to be about 640 Ma. This gives the Løkviksfjellet Group a minimum age of 640 Ma. However, this age is not confirmed by modern dating techniques.

2.5 Previous work related to paleocurrent observations in the Vestertana Group

Regarding paleocurrent observations in the Vestertana Group, Reading and Walker (1966), Banks et al. (1971), Banks (1973), and Edwards (1984) have done a significant job to document structures like flute marks, cross bedding, and cross lamination, that can indicate flow directions.

Reading and Walker's (1966) paleocurrent measurements are shown in Fig. 2.5. For the Nyborg Formation most of the measurements are indicative of a paleocurrent towards the north. For the Stáhpogieddi Formation, a great variation of directions is reported with the main ones being towards the west and northeast.

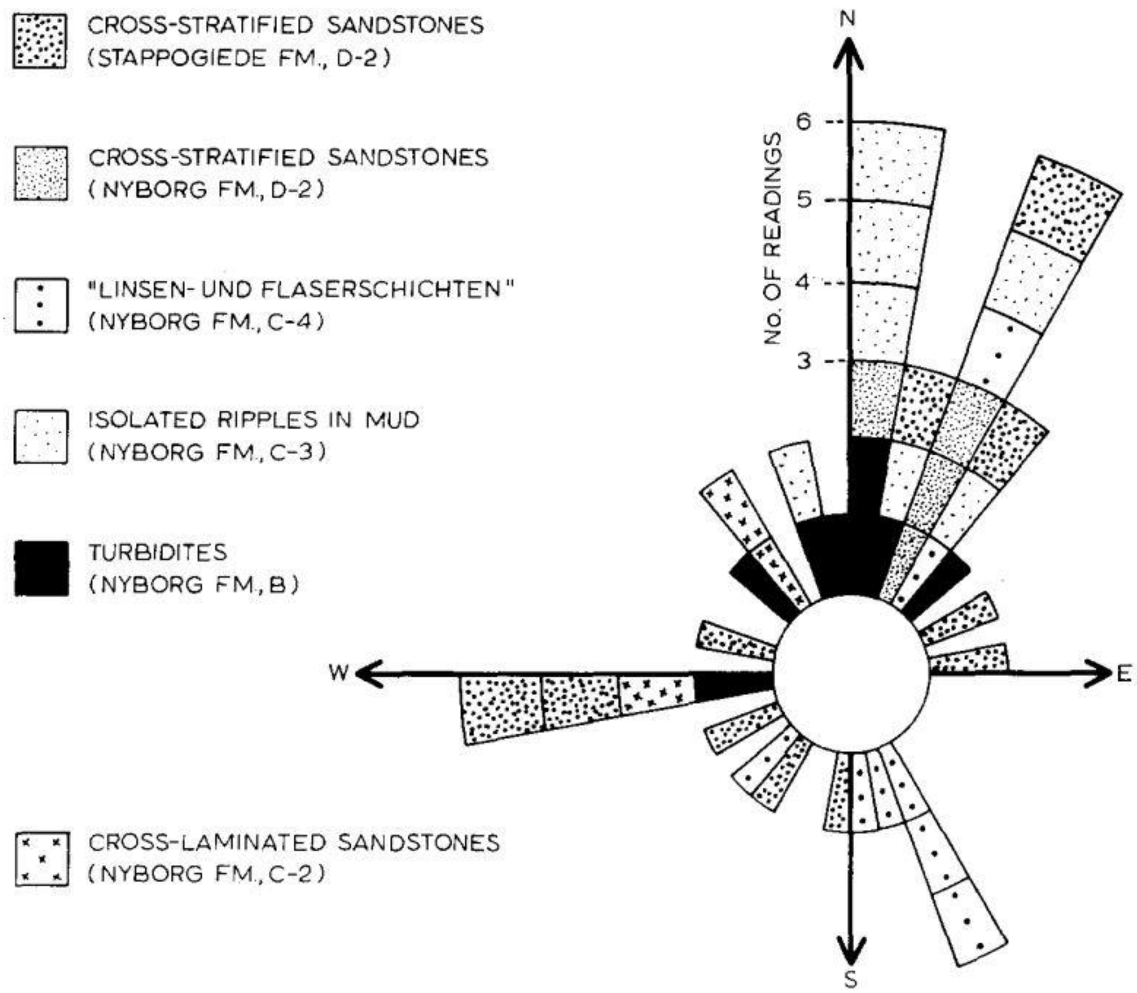


Figure 2.5: Paleocurrent measurements from the Nyborg and Stáhpogieddi formations (from Reading & Walker, 1966, fig. 6). Abbreviations: B – turbidite facies, C – mudstone facies, D – sandstone facies.

The work of Banks et al. (1971) shows that the sediment transport during the deposition of the Nyborg Formation was dominantly from the southwest towards the northeast as shown in Fig. 2.6. The younger formations (Stáhpogieddi, Breidvika, and Duolbasgaissa) are dominated by paleocurrents from the northeast towards the southwest according to Banks et al. (1971), but the Lower Breidvika and Upper Duolbasgaissa Members also show paleocurrents towards northwest, northeast, and southeast (Fig. 2.7). These observations indicate that there was a change in the main transport direction in the time between the deposition of the Nyborg Formation and the Manndrapselva Member of the Stáhpogiedde Formation. While the sediments found in the Nyborg Formation are sourced from the south, the observations by Banks et al. (1971) indicate input mainly from the northeast for the younger sediments.

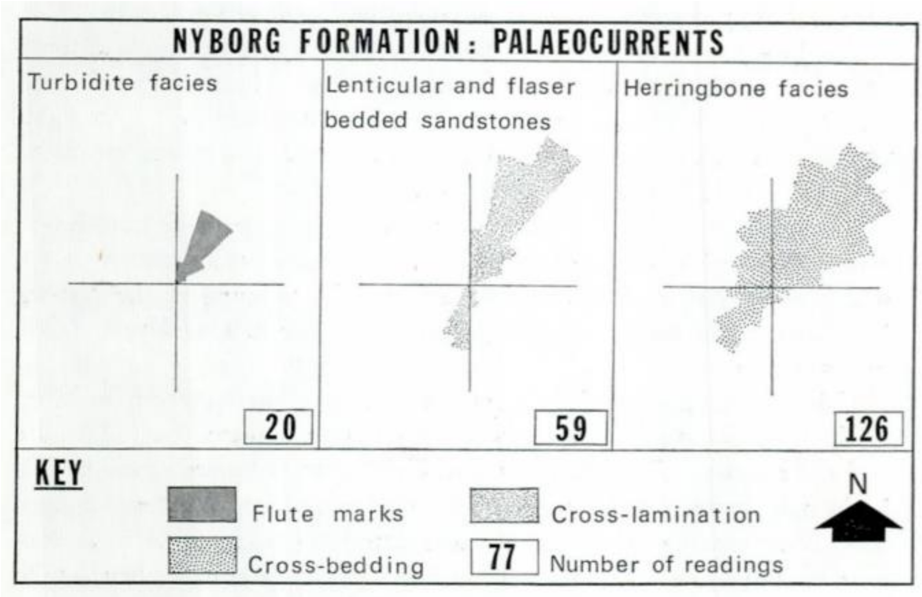


Figure 2.6: Paleocurrent measurements in three facies of the Nyborg Formation (from Banks et al., 1971, fig.4).

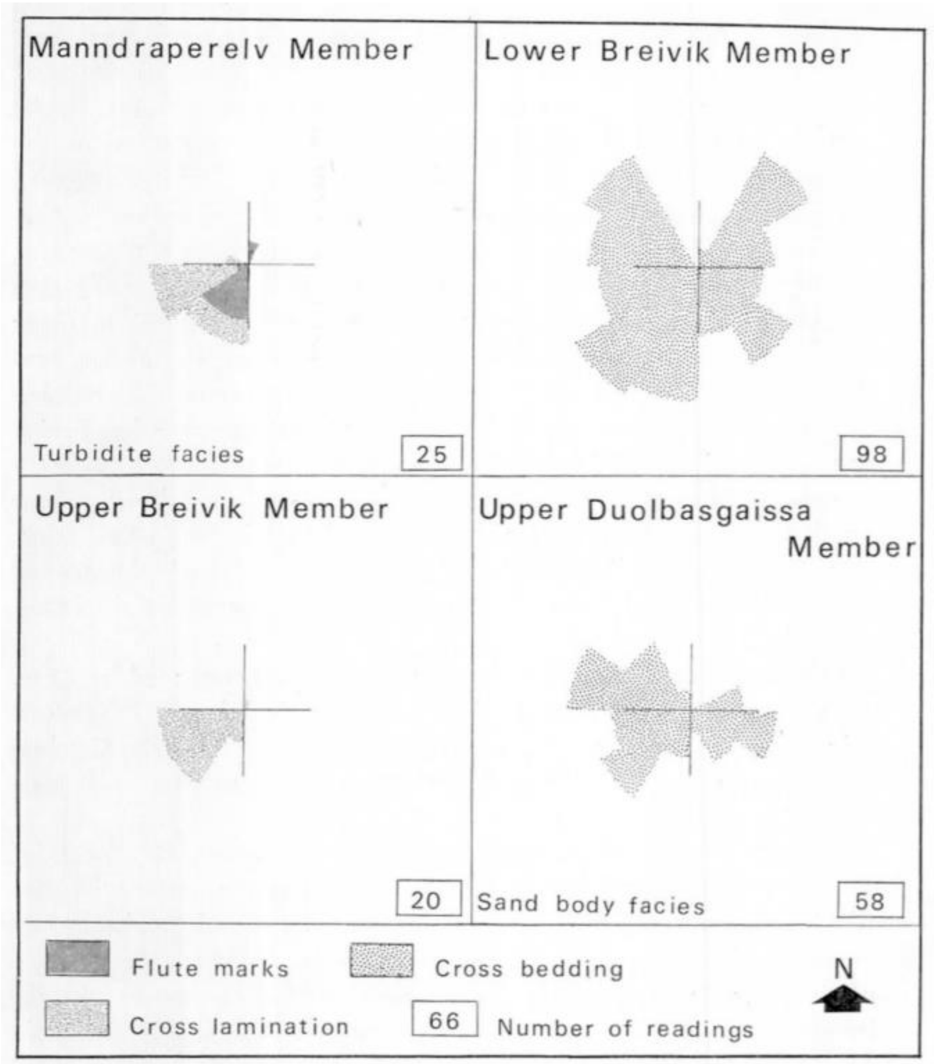


Figure 2.7: Paleocurrent measurements in the Stáhpogieddi, Breidvika, and Duolbasgaissa Formations (from Banks et al., 1971, fig. 7).

Banks (1973) took several measurements in the Innerelva Member of the Stáhpogieddi Formation shown in Fig. 2.8. The paleocurrent data shows a predominantly easterly transport direction but with some variation.

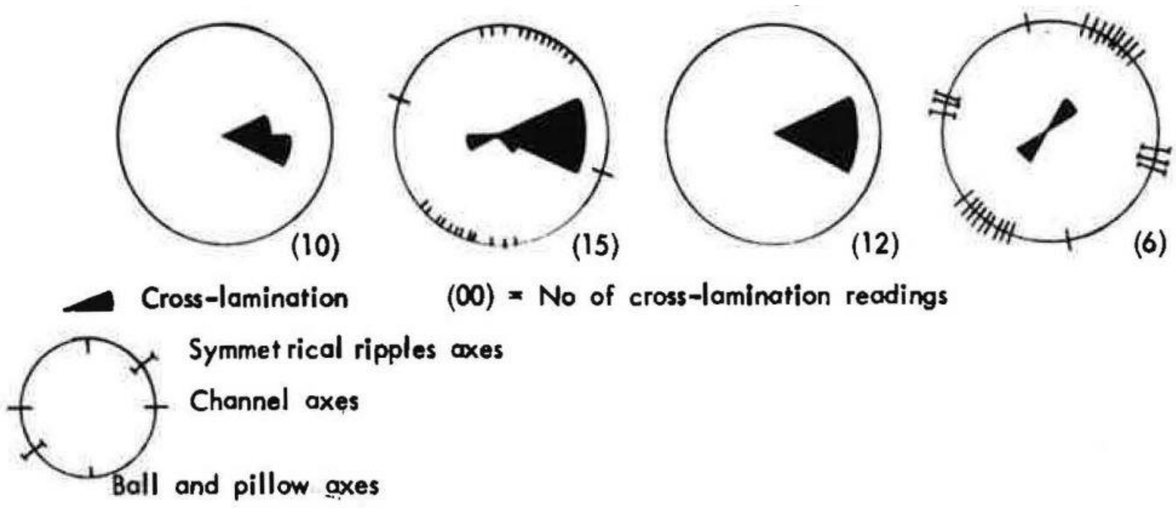


Figure 2.8: Paleocurrent measurements in the Innerelva Member of the Stáhpogieddi Formation at the Digermul Peninsula (from Banks, 1973, fig. 11).

Edwards (1984) has divided the Nyborg Formation into four stages. In the first stage, which is described as a post-glacial transgression, ripple-laminated sandstones indicate current flows towards the west, north, and east. Stage 2 is described as a quiet-water basin fill stage with paleocurrents generally towards the north and northwest. In stage 3, a regression led to shallowing of the water, and ripple marks in bedding planes indicate a main paleocurrent direction towards the northeast (Edwards, 1984, fig. 39). Stage 4 is represented by a shallow marine environment with tidally-influenced distributary channels and submerged mouth bars oriented north-northeast (Edwards, 1984, fig. 46). For the lowest member (Lillevatnet) of the Stáhpogieddi Formation, Edwards (1984) suggested that the source area was the Fennoscandian Shield, based on a southward increase of the maximum grain size.

2.6 Previous work related to U–Pb and Lu-Hf isotope analyses of detrital zircons

Zhang et al. (2015) performed U–Pb dating of detrital zircon grains from nine sampling sites on the Varanger Peninsula (Fig. 2.9). Six samples were from the TVR, of which four samples were taken from the parautochthonous and autochthonous parts of the peninsula, while two were from the Gaissa Nappe Complex and three from the BSR.

The Vadsø and Tanafjord Groups were sampled in the parautochthonous/autochthonous part of the TVR. Zhang et al. (2015) interpreted the detrital zircon data to show a classic Baltican affinity, containing Neoarchean and Paleoproterozoic grains that likely were derived from the Fennoscandian Shield. However, three of the samples also contained grains derived from Mesoproterozoic sources, which only occur in the southernmost parts of the Fennoscandian Shield. Paleocurrent data indicate that the sediments were derived from the south (Zhang et al., 2015, and references therein) and Zhang et al. (2015) suggested several possible sources of the Mesoproterozoic grains: that the zircons might come from a source possibly concealed beneath the Caledonian nappes; that there once was a vast river system extending across the central Fennoscandian Shield, transporting grains from southern Norway and Sweden to the north; a northward continuation of the Sveconorwegian/Grenvillian orogen; or sedimentary rocks recycled in the Tonian from the margin of Rodinia.

The samples from the Barents Sea Region have similar age peaks as the samples from the Vadsø and Tanafjord Groups. Paleocurrent data indicate sediment transport from the southwest and west (Siedlecki & Levell, 1978; Pickering, 1982). The provenance of these sediments is therefore likely to be the same as for the Vadsø and Tanafjord Groups (Zhang et al., 2015).

The Stáhpogieddi and Breidvika Formations were sampled in the Gaissa Nappe Complex. The sample from the Manndrapselva Member of the Stáhpogieddi Formation contained mainly Mesoproterozoic grains as well as some Neoproterozoic. It had an Ediacaran peak at ~552 Ma (Zhang et al., 2015). Paleocurrent data indicate a flow direction towards the southwest according to Banks et al. (1971). Since the sediments were derived from the northeast, Zhang et al. (2015) suggested that the Mesoproterozoic and Ediacaran zircons were derived mainly from the growing Timanian Orogen and argued that the ~552 Ma peak is a Timanian fingerprint. The sample taken from the Lower Breidvika Member on the other hand had age peaks at 2800–2700 Ma and 2436 Ma and only contained one Mesoproterozoic grain. Zhang et al. (2015) argued that this can be explained by a shift in the paleocurrent direction. During the deposition of the Lower Breidvika Member, the paleocurrent directions vary and there are also indicators of paleocurrents towards the northeast and northwest (Fig. 2.7). The abundance of Neoarchean and Paleoproterozoic grains may indicate a return to southerly, Fennoscandian sources (Zhang et al., 2015).

Andresen et al. (2014) recognized the inferred Timanian fingerprint in two samples from Troms, northern Norway (Fig. 2.9). The samples were from the Dividal Group, an autochthonous succession of Neoproterozoic to Cambrian sedimentary rocks lying unconformably upon Precambrian basement and overlain by Caledonian thrust sheets (Føyn, 1967). The Dividal Group can be followed for more than 800 km from Finnmark to north-central Sweden (Føyn, 1967). The samples from the Dividal Group contained a large population of Mesoproterozoic zircons and had a pronounced age peak at ca. 570 Ma. Andresen et al. (2014) claimed that the 570 Ma peak is diagnostic of a Timanian source area and argued that the lack of potential Mesoproterozoic zircon sources in the nearby areas can indicate that also these grains were derived from a Timanian source. A foreland basin setting in connection with the Timanian Orogen was suggested as a depositional model for the Dividal Group in the late Ediacaran–early Cambrian by Andresen et al. (2014).

In two samples from the Rendalen Formation and one from the Brøttum Formation, all underlying the Moelv Tillite in the Hedmark Basin in southeastern Norway (Fig. 2.9), an uncommon 750 to 600 Ma population of detrital zircons was identified by Bingen et al. (2005) and Lamminen et al. (2015). The Moelv Tillite possibly correlates with the ~580 Gaskiers global glaciation like the Mortensnes Formation. Therefore, the Rendalen and Brøttum formations must have been deposited before this glaciation at approximately the same time as the Nyborg Formation in Finnmark. It means that the Rendalen and Brøttum formations were deposited before the onset of the Arctida–Baltica collision. This implies that there must have been another source for these zircons on the Fennoscandian Shield. Bingen et al. (2005) suggested that the detrital zircons may be derived from granitic magmatism related to the 616 ± 3 Ma Egersund diabase dikes (Bingen et al., 1998), located in the western part of the Sveconorwegian orogen. The dikes have been interpreted to relate to continental rifting prior to the opening of the Iapetus Ocean (Bingen et al., 1998), but no granite magmatism related to these dikes has so far been reported. Lamminen et al. (2015) suggested that the detrital zircons represent granitoids that are exotic to Baltica — that they are far-travelled sand grains derived from marginal zones of Baltica in the east (Timanian Orogen) or to the south (peri-Gondwana terranes).

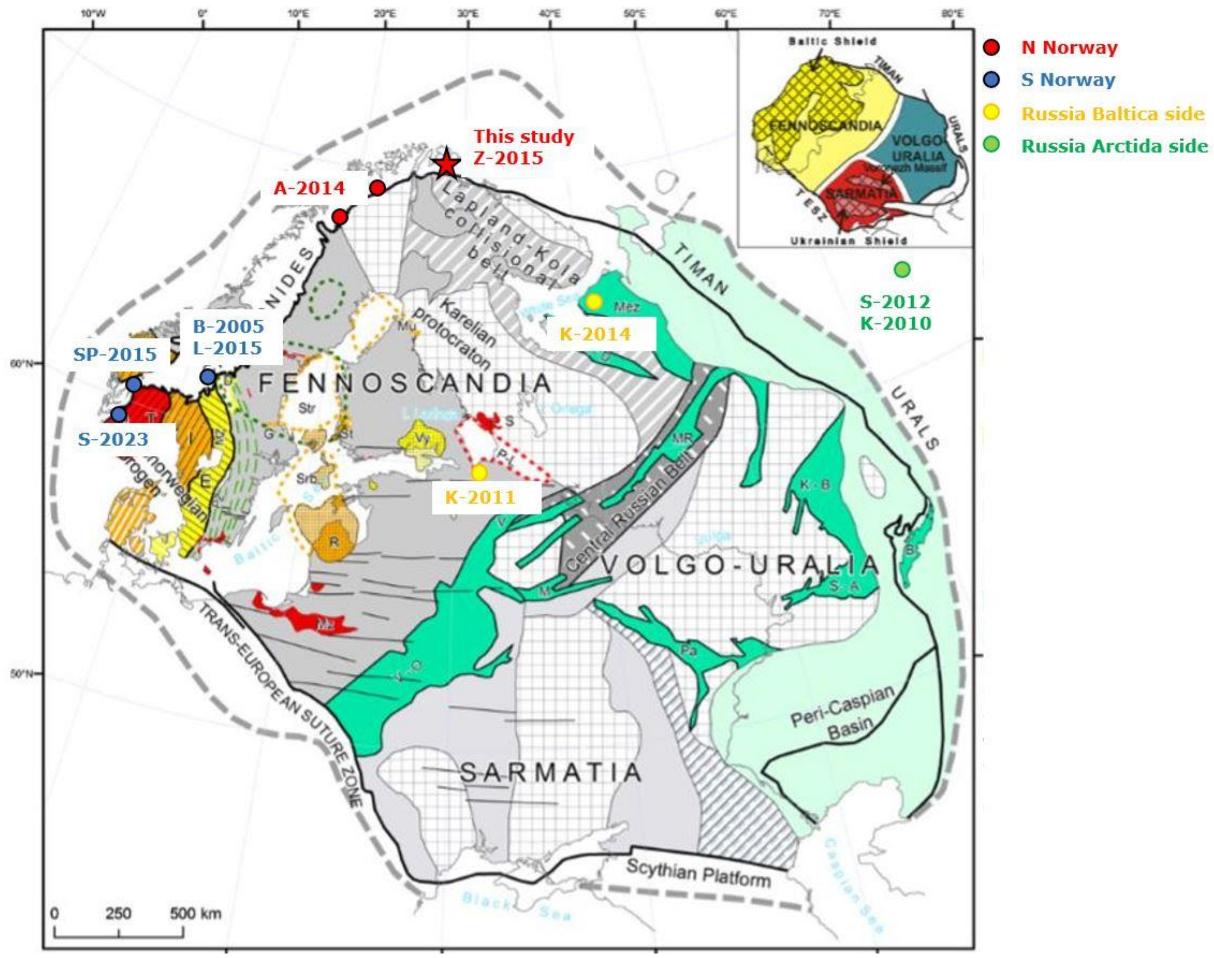


Figure 2.9: Map with sample localities for detrital zircon studies (modified from Bogdanova et al., 2008, fig. 1). The location of this study is indicated with a red star. References: N Norway: A-2014 – Andresen et al. (2014), Z-2015 – Zhang et al. (2015). S Norway: B-2005 – Bingen et al. (2005), L-2015 – Lamminen et al. (2015), SP-2015 – Slama and Pedersen (2015), S-2023 – Slagstad et al. (2023). Russia Baltica side: K-2011 – Kuznetsov et al. (2011), K-2014 – Kuznetsov et al. (2014). Russia Arctida side: K-2010 – Kuznetsov et al. (2010), S-2012 – Soboleva et al. (2012).

Slama and Pedersen (2015) argue for a Timanian fingerprint found ~2000 km south of the Timanian Orogen. Thirteen localities in the southwestern Scandinavian Caledonides were sampled (Fig. 2.9). The samples were Cambrian to middle Ordovician schists and phyllites now exposed in (par)autochthonous to Lower Allochthon nappes of the Caledonides. Eleven out of twelve phyllite samples showed age peaks in the interval 750–469 Ma. According to Slama and Pedersen (2015) the only possible source in Fennoscandia containing these ages is the Timanian Orogen, implying a continent-scale transport of clastic sediments from the north towards the south during the early Paleozoic. However, Slagstad et al. (2023) suggest that these detrital zircon U–Pb ages point towards an active western Baltican margin throughout most of the Neoproterozoic and early Paleozoic.

Slagstad et al. (2023) analyzed a quartzite sample from Rogaland, southwestern Norway (Fig. 2.9). The U–Pb analyses yielded ages between 2750 and 2550 Ma, between 2100 and 950 Ma, and between 800–500 Ma. This together with new Ar–Ar thermochronological data from Norway and existing paleomagnetic data indicate that the separation of Baltica and Laurentia took place well before the assembly of Rodinia according to Slagstad et al. (2023). The available information suggests that the western Baltican margin was active throughout much of the Neoproterozoic and that the margin remained active until the onset of Caledonian continent-continent collision. This new interpretation implies that findings of late Neoproterozoic ages in sedimentary rocks cannot unequivocally be ascribed to a Timanian source, but that an alternative source within Baltica might have existed at the same time.

Kuznetsov et al. (2014) summarize U–Pb detrital zircon data obtained from seven localities on the Baltica side of the Timanian Orogen and five samples from one locality on the Arctida side. The depositional ages of the investigated units at the Baltica side span the whole Neoproterozoic–Cambrian time interval. The Timanian provenance signal is not seen in samples from the Neoproterozoic to early Cambrian sedimentary units. The first input of 750–500 Ma ages is observed in the middle Cambrian Sablino Formation (~510 Ma) in the southern near-Ladoga region in northwestern Russia (Fig. 2.9; Kuznetsov et al., 2011). The youngest formation, in which the Timanian fingerprint is absent, is the lower Cambrian Brusov Formation (~540 Ma) in the Mezen basin in northwestern Russia (Fig. 2.9; Kuznetsov et al., 2014). This limits the onset of the Arctida–Baltica collision to the time interval between 540 Ma and 510 Ma. The samples containing late Neoproterozic and early Cambrian ages also contain Archean, Paleoproterozoic, and Mesoproterozoic grains, that are interpreted to be derived from the Baltic Shield (Kuznetsov et al., 2011).

On the Arctida side, analyses of detrital zircons from the upper Cambrian–lower Ordovician Pogurey and Manitanyrd formations in the Polar Urals, reveal signals that resemble the geochronological image of the Timanian Orogen shown in Fig. 2.4 (Fig. 2.9; Soboleva et al., 2012). The samples consist predominantly of ages in the range 750–500 Ma with a minor input of older zircons sourced from basement rocks of the Arct-Europe (Arctida + Baltica) continent (Kuznetsov et al., 2014). Samples from Ediacaran(?)-lower Cambrian units in the Enganepe Uplift, that were deposited prior to the collision, also contained detrital zircons with ages between 750 and 530 Ma (Fig. 2.9; Kuznetsov et al., 2010; Soboleva et al., 2010). Kuznetsov et al. (2014) interpreted that the Engane-Pe Formation was deposited close to the Bolshezemel subduction zone and later squashed into the collisional zone between Arctida and Baltica. Lu–Hf data from the Engane-Pe Formation yield predominantly superchondritic εHf_i values for the Neoproterozoic grains with values up to +14 (Kuznetsov et al., 2010).

Due to a more prominent Timanian provenance signal in the samples from the Arctida side compared to the samples from the Baltica side, Kuznetsov et al. (2014) proposed that the majority of the erosional material from the Timanian orogen was shed onto the Arctida side of Arct-Europe.

Ershova et al. (2020) performed U–Pb and Lu–Hf isotope analyses of detrital zircons collected from metasedimentary rocks from the southern part of the Kara Terrane (northern Taimyr and Severnaya Zemlya archipelago in the Russian High Arctic), which correspond to the Arctida side of the Timanian Orogen. Their samples predominantly contained Neoproterozoic grains with dominant peaks between 650 and 550 Ma and

Cambrian grains with prominent peaks between 535 and 520 Ma. The Late Neoproterozoic zircons (700–542 Ma) yielded εHf_i values between +14 and -26, with 59% of the analyses restricted between +6 and -6, while the Cambrian detrital zircons yielded a wide range of εHf_i values, ranging from -6 to +14, with 60% of the analyses restricted between +12 and +6. The Hf data indicates that the Neoproterozoic–Cambrian zircons were crystallized from magmas derived from a depleted mantle source (juvenile magmas) mixed with different amounts of older crust, which is consistent with a geotectonic setting of a continental magmatic arc. Ershova et al. (2020) assumed that the youngest zircons in the studied sedimentary rocks are close to the age of sedimentation, which is characteristic of a foreland basin setting, located adjacent to a rising mountain range. Based on this, Ershova et al. (2020) suggested that the main provenance for their studied rocks was the Timanian Orogen.

2.7 Caledonian impact

The Scandinavian Caledonides was created through polyphase orogenesis with several deformation events as the Iapetus Ocean between Baltica and Laurentia was closing (Roberts, 2003). The main orogenic event is known as the Scandian event, and it is the continent-continent collision between Baltica and Laurentia that took place between late Silurian and early Devonian time (Fossen et al., 2013). An early Caledonian event in the late Cambrian, termed the Finnmarkian, is recognized through isotopic dating methods (Roberts, 2003, and references therein). The Finnmarkian event is thought to be the result of a collision between the Baltoscandian margin and a magmatic arc, above a seaward-facing subduction zone (Roberts, 2003). The effects of this orogenic event seem to diminish gradually southwards along the Baltoscandian margin (Roberts, 2003). Newer research has shown that the definition of the Finnmarkian event was based on incorrect premises, and that the ages used to define the event were not relevant for the observed structures (Corfu et al., 2007, 2014).

The Caledonides consists of a stack of thrust sheets that were amalgamated and thrusted towards the east-southeast (Braathen et al., 2000). The thrust sheets are divided into Lower-, Middle-, Upper- and Uppermost allochthons based on present-day tectonostratigraphic position (Roberts, 2003). In the Barents Sea Region, the rocks are considered part of the Lower Allochthon (Geological Survey of Norway, 2021). South of the Trollfjorden–Komagelva Fault Zone, in the area between Tanafjord and Varangerfjord, the rocks are either autochthonous sedimentary rocks belonging to the East Finnmark Autochthon, or they are part of the Lower Allochthon (Gaissa Nappe Complex), with a parautochthonous intermediary zone in between (Rice, 1994; Rice et al., 2012).

The Gaissa Nappe Complex is a thrust belt that records ~50% shortening in its western part in the Porsangerfjord area. Here, the sedimentary succession is strongly imbricated. The shortening decreases to ~15% as one moves eastwards to the Laksefjordvidda area. In this area, both the scale and orientation of the folds vary. Within the central Varanger Peninsula the deformation dies out gradually from the Gaissa Nappe Complex into the East Finnmark Autochthon. The metamorphic grade is very low. It decreases from anchizone in the west to diagenetic in the East Finnmark Autochthon (Rice et al., 2012). All the rocks found in the Barents Sea Region, north of the TKFZ, have experienced epizone metamorphism (Rice et al., 1989).

2.8 Trollfjorden–Komagelva Fault Zone

The Trollfjorden–Komagelva Fault Zone (TKFZ) is a major NW–SE-trending fault zone and is one of the most striking features of the geology on the Varanger Peninsula. The fault zone can be followed offshore to the northwest and both onshore and offshore to the southeast along the northern coastline of the Kola Peninsula, where it is called the Sredni–Rybachi Fault Zone (SRFZ) (see Fig. 2.10). On the Varanger Peninsula the TKFZ is a zone of topographic lineaments approximately 100 km in length and it has a varying width from 1 to 5 km. It is characterized by an anastomosing or braided lineament pattern. The escarpments along the fault zone correspond to fracture sets or faults that are either parallel or slightly oblique to the main fault (Karpuz et al., 1993).

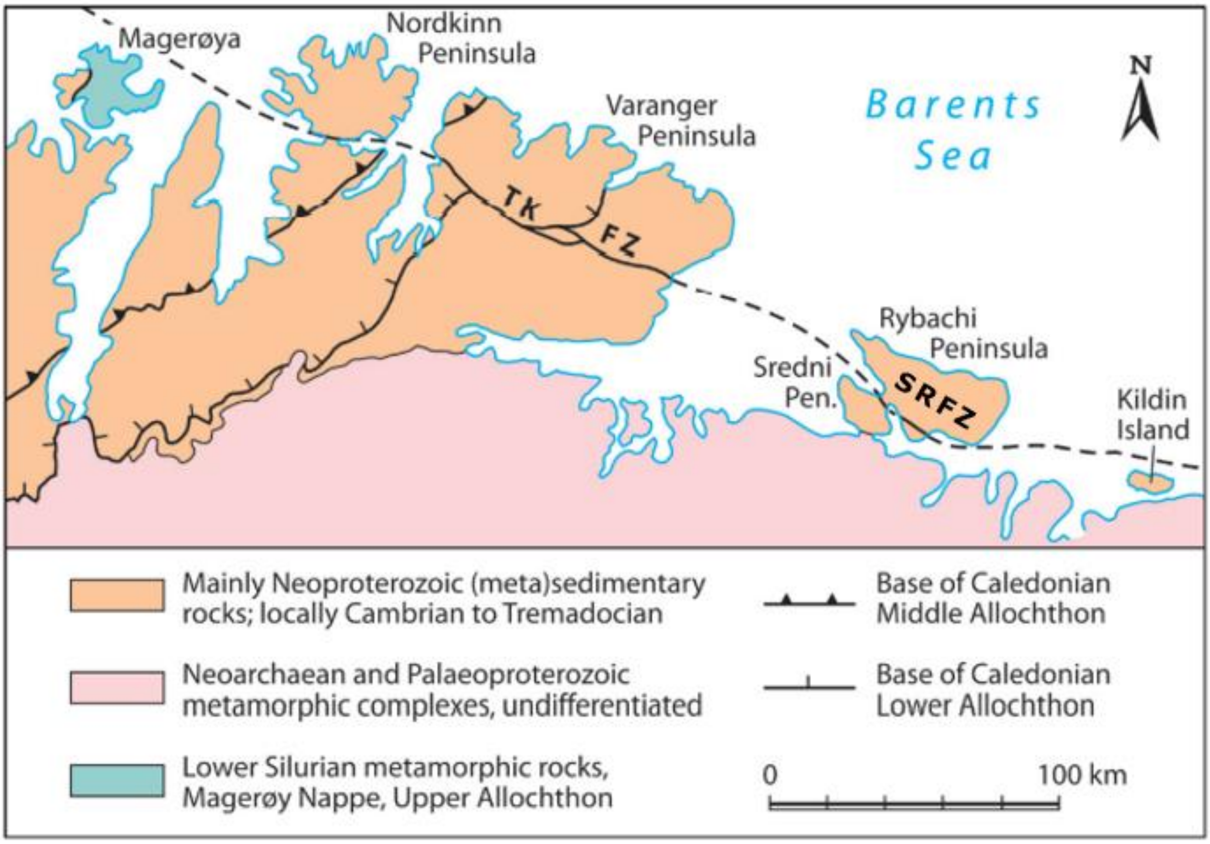


Figure 2.10: Map of the Trollfjorden–Komagelva Fault Zone (TKFZ), which is called Sredni–Rybachi Fault Zone (SRFZ) in Russia (modified after Roberts & Siedlecka, 2012, fig. 1).

According to Herrevold et al. (2009), there have been four events of deformation along the southeastern part of the TKFZ on the Varanger Peninsula, two contractional events followed by two extensional events:

1) The first deformation event is associated with contractional deformation with shortening towards southwest, folding and cleavage development, and reverse and minor sinistral strike-slip movements along the TKFZ. Deformation is thought to be related to the Timanian Orogen, due to similar observations in northwestern Russia, and is therefore likely to have occurred at around 580–550 Ma.

2) The second deformational event is a contractional to transpressional deformation event with shortening towards southeast and dextral strike-slip along the TKFZ. This deformational event is associated with Caledonian deformation, and is considered to be

late Finnmarkian, pre-470 to 460 Ma, with pulses of deformation throughout the Ordovician. The late Silurian to earliest Devonian Scandian deformation was probably of only brittle character, at least in the study area of Herrevold et al. (2009), i.e., the southeastern part of TKFZ.

3) The third event is a regional, E–W-oriented, extensional event with intrusions of diabase dikes. The emplacement of the dykes is dated to Late Devonian times, at around 375–370 Ma.

4) The last deformation event is related to NE–SW-oriented extension, that is recorded along and adjacent to the TKFZ. It is associated with normal faults with breccias, gouge, and quartz-calcite veins. The age of this deformational event is unknown but is assumed to be late Paleozoic–Mesozoic based on knowledge of offshore geology.

The lithologic contrast across the fault zone indicates that there has been a significant amount of displacement along the fault zone. A study by Kjøde et al. (1978) suggested a dextral displacement from 500 to 1000 km. Later, Bylund (1994) estimated that the displacement along the TKFZ must have been less than 250 km. This estimate comes from paleomagnetic data obtained from sequences on both sides of the fault zone. A more recent study by Rice (2014) estimated a minimum dextral displacement of 207 km along the TKFZ. Rice (2014) argued that differences in sedimentary thicknesses of the basinal successions on the north and south side of the TKFZ and the SRFZ indicate that they cannot have been deposited adjacent to each other, in their present-day relative positions.

3 Theory

This study utilizes field observations and U–Pb and Lu–Hf analyses of detrital zircons to gain information about sedimentary provenance. In this chapter, an introduction to sedimentary provenance will be given. In addition, the theory behind U–Th–Pb geochronology and the Lu–Hf system — and how these approaches can provide information about the provenance of a sediment — will be described.

3.1 Sedimentary provenance

Weltje and von Eynatten (2004) define the purpose of sedimentary provenance studies to understand the history of a sediment from the source area to the depositional basin. Along the pathway from the source area to the sedimentary basin, a wide range of compositional and textural modifications affect the detrital spectrum, which leads to loss of information about the source. Sediments thus reflect both the parent lithology and the entire history of modifications caused by several processes like weathering, recycling, transport, mixing, deposition, and diagenesis (Fig. 3.1; Weltje & von Eynatten, 2004). Several geological disciplines (e.g., mineralogy, geochemistry, geochronology, sedimentology, and igneous and metamorphic petrology) are used in the study of sedimentary provenance (Haughton et al., 1991). This study focuses on observations of paleocurrents, U–Pb zircon ages, and Lu–Hf zircon compositions of the investigated formations.

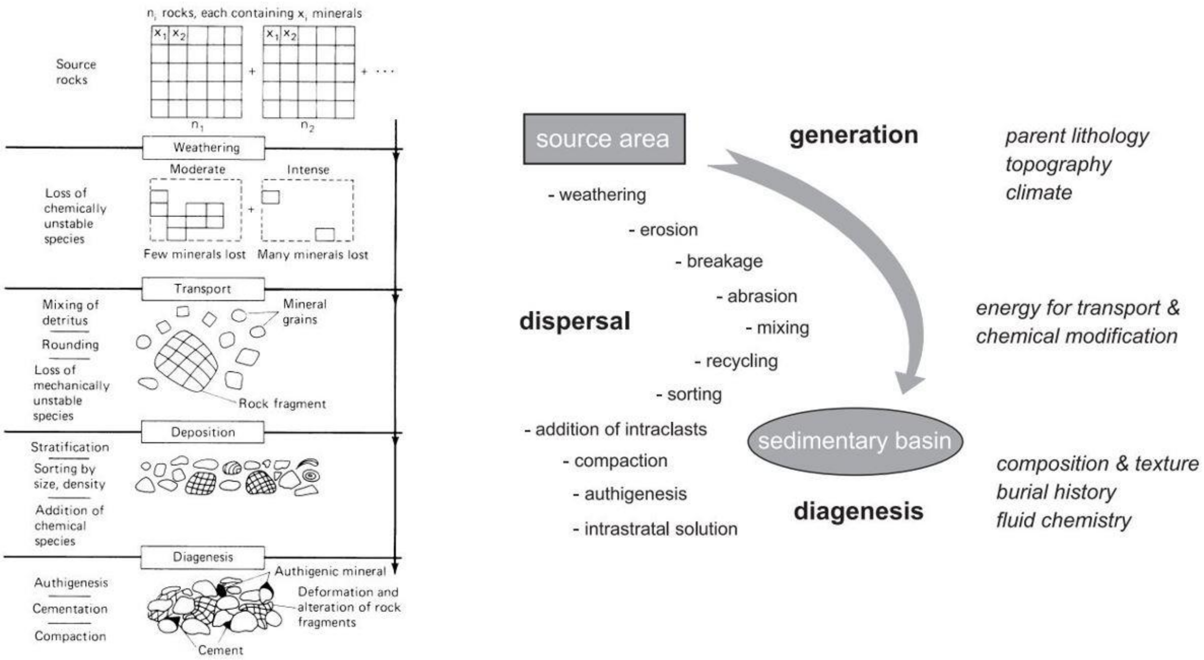


Figure 3.1: The sedimentary cycle of a sandstone is shown to the left (from Pettijohn et al., 1987, fig. 2-1). To the right, the main steps in sediment evolution are shown in bold text and processes affecting the composition of clastic sediments along the pathway from the source area to the depositional basin in normal text (from Weltje & von Eynatten, 2004, fig. 1). Controlling factors are shown in italics.

3.1.1 Production and transport of clastic sediments

The main process that produces sand grains is continental weathering (Pettijohn et al., 1987). Weathering leads to depletion in unstable minerals like feldspars and mafic minerals (e.g., pyroxene, amphibole, and biotite), whereas comparatively stable minerals (e.g., quartz, zircon, and clay minerals) are enriched in the detrital spectrum. Climate and topography in the source area are the main controlling factors of the weathering process (Fig. 3.1; Weltje & von Eynatten, 2004). The grains are modified by abrasion during transport (Weltje & von Eynatten, 2004) and chemical alteration acts as an important sediment modifier during temporary alluvial storage (Johnsson & Meade, 1990). Grain rounding is a very slow process that rapidly becomes much slower as grain size decreases (Pettijohn et al., 1987). Well-rounded grains may be the result of either many cycles of transport, each contributing with a small share of rounding, or of intensive abrasion in a special environment where rounding was accomplished very rapidly (Pettijohn et al., 1987).

3.1.2 Paleocurrents

Paleocurrents are currents of wind, water, or ice that have transported sediments that are deposited in earlier periods. Primary sedimentary structures, such as crossbedding, ripple marks, or sole marks, give information about current direction at the time of deposition (Pettijohn et al., 1987). By collecting many measurements and plotting them in a current rose, the measurements will show an azimuthal paleocurrent pattern. There are various types of distribution patterns, as shown in Fig. 3.2, namely, unimodal, bimodal, and polymodal (Pettijohn et al., 1987).

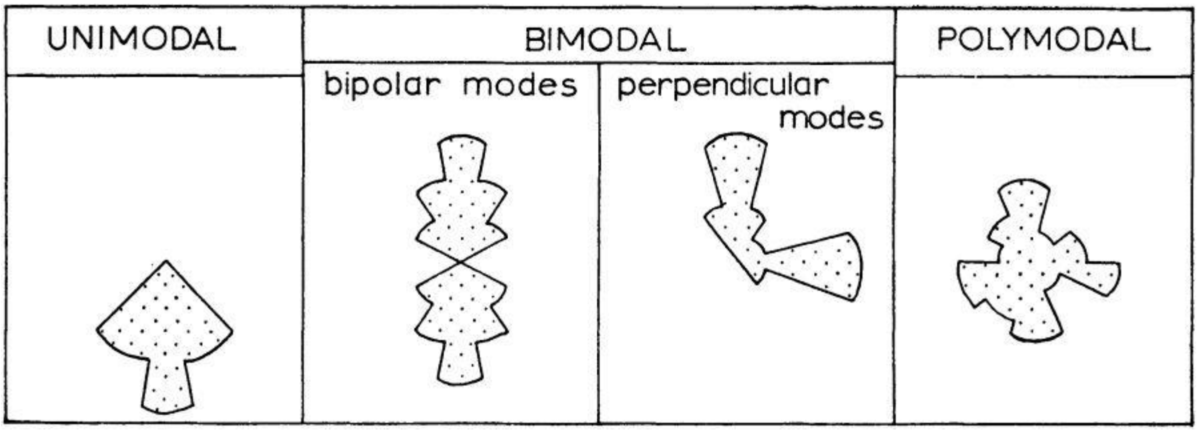


Figure 3.2: Diagrams of the main types of azimuthal paleocurrent patterns (from Selley, 1968, fig. 1).

The regional paleocurrent pattern can be found by making many observations and integrating them over a larger area. There is a connection between the paleocurrent pattern and the depositional environment in which the sediments accumulated (Pettijohn et al., 1987). Table 3.1 shows the relations between the depositional environment, directional structures, and paleocurrent patterns for some depositional environments.

Table 3.1: Depositional environments with characteristic directional structures and dispersal patterns (modified from Pettijohn et al., 1987, table 9-3).

Environment	Structure	Dispersal pattern
Alluvial	Crossbedding	Unimodal and downslope. Virtually always yields unambiguous results.
Beach	Crossbedding	Bimodal to variable orientation with respect to shoreline although gently inclined lamination of berm dips seaward.
Low-energy delta	Crossbedding	Parallel to delta fingers except in splay deposits which are at right angles to distributary channels.
High-energy delta (estuary)	Crossbedding	Unimodal and bimodal with modes parallel to the axis of the estuary and hence perpendicular to the regional shoreline. Tidal influence is strong.
Shallow shelf	Crossbedding	Most variable with both bimodal and unimodal and rare random patterns. Strong tidal influence. Consider storm events and hummocky crossbedding also.
Turbidite	Sole and ripple marks and slide structures	Unimodal, but complications possible from lateral as well as longitudinal flow, and some rare contour currents on ancient continental rises. Fold axes of slumps may yield best evidence of paleoslope.

3.1.3 Diagenesis

Diagenesis includes the many post-depositional processes that alter a sediment to a rock. Diagenesis leads to reduction of porosity through compaction and cementation, loss of unstable detritus, and precipitation of stable authigenic minerals. The end-products of diagenesis are the results of the composition and texture of the sediment, the pressure and temperature conditions (burial history), and the compositions of the pore fluids (Fig. 3.1; Pettijohn et al., 1987; Weltje & von Eynatten, 2004).

3.2 U–Th–Pb geochronology

Geochronology is the science of age dating of rocks, minerals, fossils, and geological events (Cuney, 2021) and U–Pb geochronology is one of the most important isotopic dating methods (Schoene, 2014). Isotope geochronology is based on the decay of a radioactive parent isotope to a stable daughter isotope (Cuney, 2021). Assuming that the system has remained closed since the radioactive parent isotope was incorporated into the mineral structure during crystallization, the time since crystal closure (t) can be provided from equation I (Schoene et al., 2013; Cuney, 2021):

$$\left(\frac{D}{P}\right) = \exp(\lambda t) - 1 \qquad \text{(I)}$$

where (D/P) is the atomic ratio between the stable daughter isotope and the radioactive parent isotope and λ is the decay constant.

An important concept in isotopic geochronology is the principle of secular equilibrium, meaning that one daughter isotope is created from every parent isotope that decays. The decay chains will reach secular equilibrium in a time proportional to the longest half-life of the intermediate daughter product if the system is closed. If one or more daughter isotopes is fractionated out during the decay process, the secular equilibrium is disturbed. Fractionation may be caused by for instance chemical partitioning in a magmatic system or low-temperature fractionation during chemical weathering (Schoene, 2014).

The U–Th–Pb system is a prime geochronometer, mainly due to the decay of multiple parent isotopes (^{238}U, ^{235}U, and ^{232}Th) to different stable isotopes of Pb (^{206}Pb, ^{207}Pb, and ^{208}Pb) (Schoene, 2014). In addition, U has suitable half-lives, making it possible to date events from ~4.57 Ga into the Pleistocene, and it is hosted in widespread and robust minerals, such as zircon (Corfu, 2013; Schoene, 2014).

None of the parent isotopes decays directly to Pb. Instead, they follow decay chains consisting of several alpha and beta decays, resulting in a series of intermediate daughter isotopes before reaching the stable Pb isotope (Schoene, 2014). The decay chains are shown in Fig. 3.3.

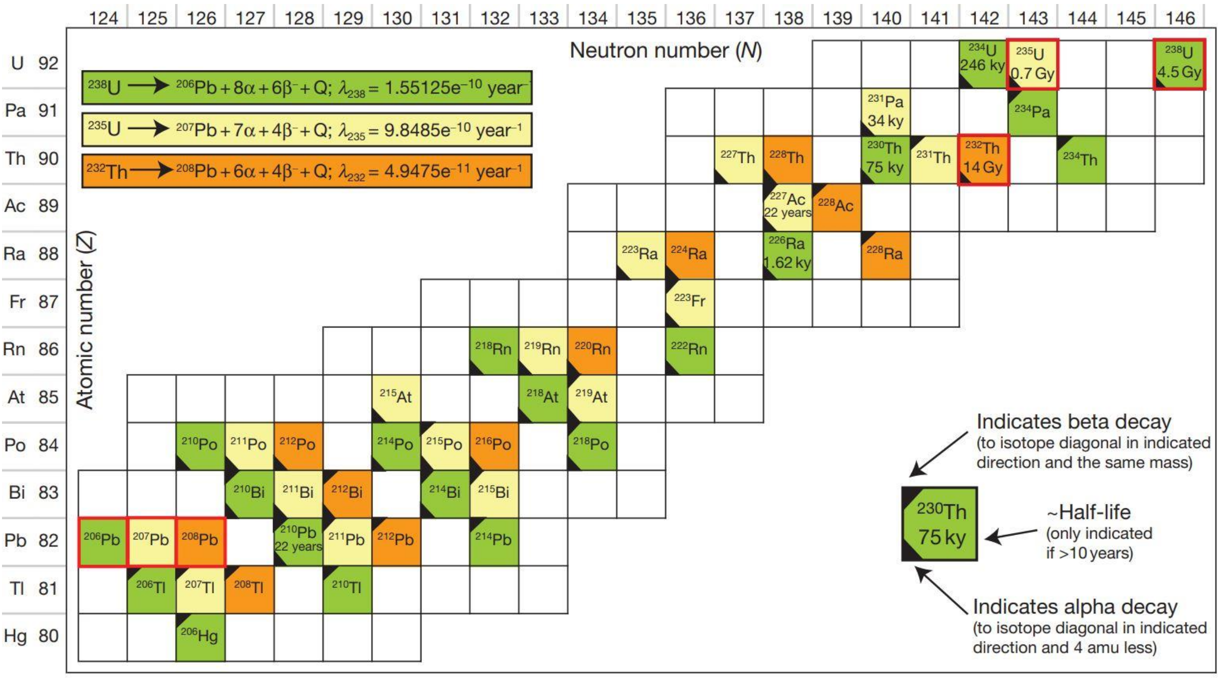


Figure 3.3: An illustration of the U–Th–Pb decay chains (from Schoene, 2014, fig. 2). Each decay chain is color-coded, and the parent isotopes and the stable daughter isotopes of Pb are outlined in red. Abbreviations: α – alpha particle, β – beta particle, Q – energy released during decay, λ – decay constant.

Equations II–IV show the reactions from the radioactive U and Th parent isotopes to the stable daughter isotopes with their respective decay constants (λ) (Schoene, 2014):

$$^{238}U \rightarrow {}^{206}Pb + 8\alpha + 6\beta^{-} + Q;\ \lambda_{238} = 1.55125e^{-10}\ years^{-1} \quad \text{(II)}$$

$$^{235}U \rightarrow {}^{207}Pb + 7\alpha + 4\beta^{-} + Q;\ \lambda_{235} = 9.8485e^{-10}\ years^{-1} \quad \text{(III)}$$

$$^{232}Th \rightarrow {}^{208}Pb + 6\alpha + 4\beta^{-} + Q;\ \lambda_{238} = 4.9475e^{-11}\ years^{-1} \quad \text{(IV)}$$

α is an alpha particle, β is a beta particle, and Q is energy released during decay. The systems shown in equations II–IV can be used independently, but by combining the $^{238}U/^{206}Pb$ and the $^{235}U/^{207}Pb$ ages, one can check for discordance (e.g., caused by Pb loss) and get indications if there are problems related to common lead (Pb_c) — Pb of non-radiogenic origin due to contamination in the lab or initial Pb (Schoene, 2014).

3.2.1 Dating techniques

In this study laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) was used to date detrital zircons and a short introduction to this method will be given below.

LA-ICP-MS

In the LA-ICP-MS, the surfaces of minerals are ablated with a laser (Fig. 3.4). The ablated aerosols are transported by a carrier gas (He and/or Ar) to the inductively coupled plasma, where the atoms are ionized. After ionization, the ions are filtered based on different mass-to-charge ratios by the mass spectrum system and are measured by the detector (Liu et al., 2013). Fig. 3.4 illustrates how a zircon is ablated by a laser and the ablated particles are transported to the ICP-MS by a He carrier gas.

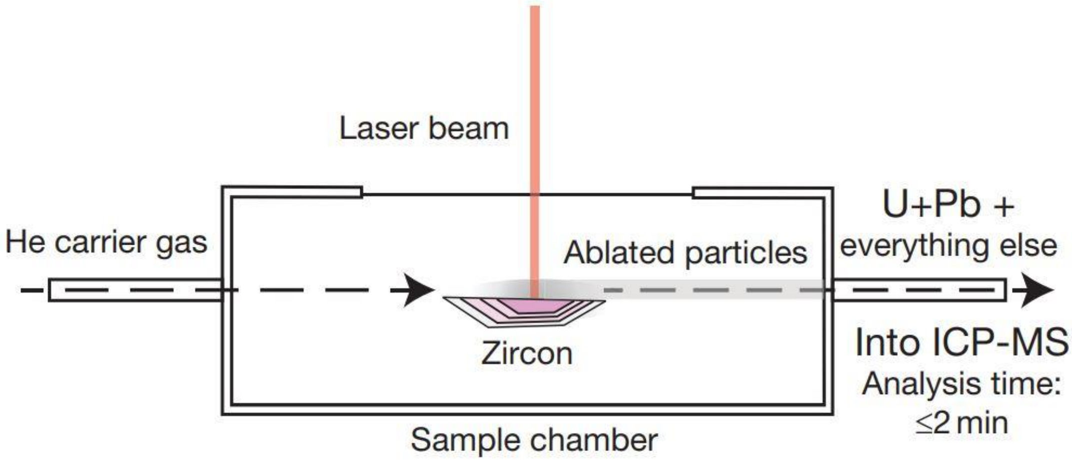


Figure 3.4: Illustration of how LA-ICP-MS works (modified from Schoene, 2014, fig. 8).

Several parameters can affect the precision and accuracy of the results obtained from LA-ICP-MS. Examples of such parameters are the laser wavelength, the pulse duration, the laser beam profile, the laser repetition rate, the focusing conditions of the laser, the laser energy density, the energy per pulse, the size of the spot, and the composition of ambient gas (Košler & Sylvester, 2003). LA-ICP-MS has a fast analysis time, which permits rapid analysis of many grains. This is useful in provenance studies, where the data sets are large (Fedo et al., 2003). Other advantages are its high spatial resolution, availability in many laboratories, and low cost compared to other methods, e.g., SIMS (Schoene, 2014).

3.2.2 Visualization of U–Pb data

Assuming secular equilibrium at the time of system closure and the contribution of initial Pb to be negligible compared to the radiogenic component (typically the case for zircon), three independent age equations V–VII can be derived from equation I (Schoene, 2014):

$$\left(\frac{^{206}Pb^*}{^{238}U}\right) = (e^{\lambda_{238}t} - 1) \tag{V}$$

$$\left(\frac{^{207}Pb^*}{^{235}U}\right) = (e^{\lambda_{235}t} - 1) \tag{VI}$$

$$\left(\frac{^{208}Pb^*}{^{232}Th}\right) = (e^{\lambda_{232}t} - 1) \tag{VII}$$

where * stands for radiogenic. In addition, a fourth age equation VIII can be constructed from equations V and VI (Schoene, 2014):

$$\frac{\left(\frac{^{207}Pb}{^{204}Pb}\right) - \left(\frac{^{207}Pb}{^{204}Pb}\right)_0}{\left(\frac{^{206}Pb}{^{204}Pb}\right) - \left(\frac{^{206}Pb}{^{204}Pb}\right)_0} = \left(\frac{^{235}U}{^{238}U}\right)\frac{(e^{\lambda_{235}t} - 1)}{(e^{\lambda_{238}t} - 1)} = \left(\frac{^{207}Pb}{^{206}Pb}\right)^* \tag{VIII}$$

where the subscript 0 denotes isotopic ratio at the time the system closed. The advantage of equation VIII is that the present-day $^{235}U/^{238}U$ is assumed to be a known constant for terrestrial and meteoric systems. Therefore, the need to measure U is eliminated. If initial Pb is negligible, the measured $(^{207}Pb/^{206}Pb)^*$ can be used directly to calculate a date (Schoene, 2014).

Equations V–VIII can be used to plot diagrams that show U–Pb evolution. The two most popular diagrams are the Wetherill concordia diagram and the Tera-Wasserburg diagram (Schoene, 2014).

Wetherill (1956) introduced the concordia diagram, where $^{206}Pb/^{238}U$ versus $^{207}Pb/^{235}U$ is plotted from the same analyses (Fig. 3.5). The concordia curve is drawn as a set of solutions of equations V and VI for equal values of *t* and has a curved shape due to different decay constants for the two U–Pb systems. If the analyses plot on the concordia curve, the $^{206}Pb/^{238}U$ and $^{207}Pb/^{235}U$ systems yield the same age and the analyses are concordant. This means that the sample most likely has remained a closed system since the time of formation. The analyses that lie off the concordia curve are called discordant and have experienced some form of open-system behavior or represent mixed analyses of growth zones with different ages (Allegre, 2008; Schoene, 2014).

Ahrens (1955) discovered that when the $^{206}Pb/^{238}U$ and $^{207}Pb/^{235}U$ ratios measured on a suite of cogenetic minerals are plotted, they tend to be aligned. The discordia line intersects the concordia curve at two points, corresponding to two ages, T_0 (upper intercept) and T_1 (lower intercept) (e.g., Fig. 3.5; Allegre, 2008). Wetherill (1956) showed that the T_0 and T_1 could be interpreted as the age of crystallization (T_0) and the age of a disruption (T_1) that affected the minerals and caused U and Pb exchanges with the environment, as shown in Fig. 3.5. However, it is shown by Allegre (2008) that it is not always straightforward to interpret the lower intercept, and that it is necessary to have good geological knowledge of the investigated region before reaching any conclusion.

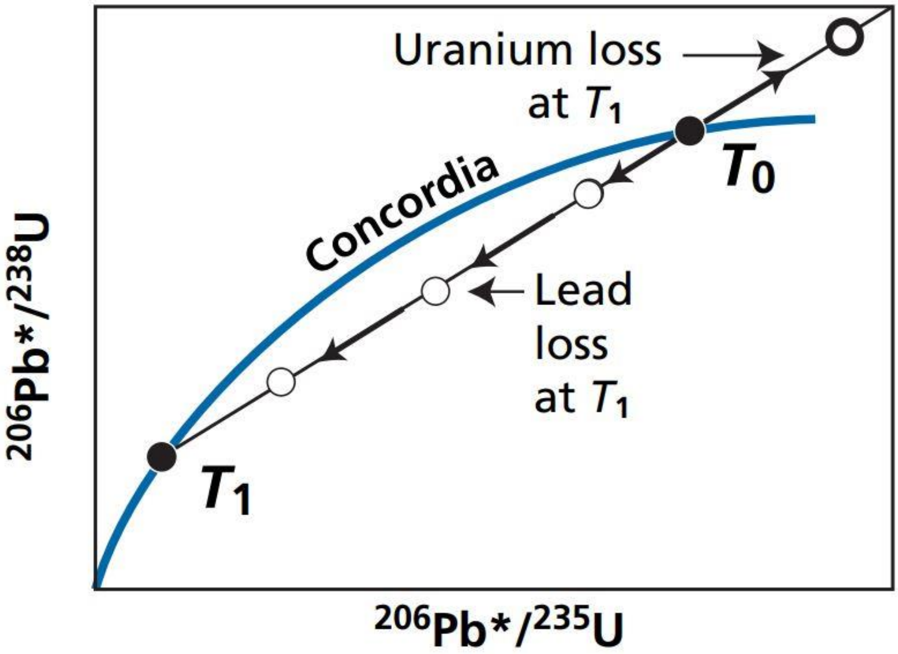


Figure 3.5: Theoretical Wetherill concordia diagram (modified from Allegre, 2008, fig. 3.7). Wetherill's model of episodic loss of Pb or U at T_1 for zircons of age T_0.

In the Tera-Wasserburg diagram $^{238}U/^{206}Pb$ is plotted against $^{207}Pb/^{206}Pb$ (Tera & Wasserburg, 1972). As for the Wetherill concordia diagram, samples that have remained closed systems will plot along the concordia curve, while samples that have experienced open-system behavior will lie off the concordia curve. By drawing a line through the dataset, the concordia intercept will yield the true age and the intercept with the $^{207}Pb/^{206}Pb$ axis will show the Pb_c composition (i.e., where U = 0) if the only reason for discordance is common Pb (Fig. 3.6). If a discordia does not statistically fit a line or if different age domains within the analyzed minerals can be dated, the sample may be affected by Pb loss or mixing of multiple age domains. One can test whether Pb loss or inheritance is important by adding a $^{204}Pb/^{206}Pb$ axis to the diagram, making it a 3D plot as shown in Fig. 3.6. A suite of cogenetic minerals whose spread is caused solely by Pb_c should plot on a line in this space (Schoene, 2014).

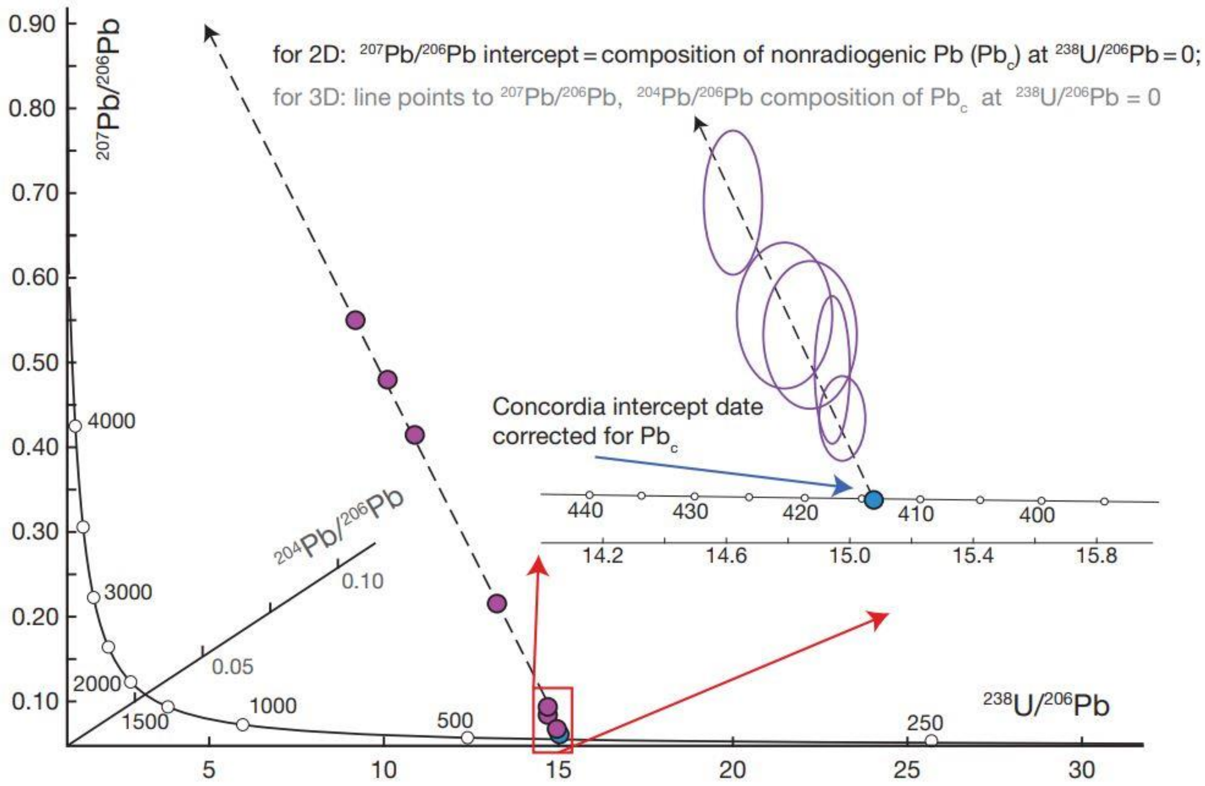


Figure 3.6: Tera-Wasserburg concordia diagram shown in 2D and 3D (from Schoene, 2014, fig. 5). If discordance is caused by mixture with initial Pb_c, the resulting linear fit to the data intersects the $^{207}Pb/^{206}Pb$ axis at higher values than what would be expected for mixing with radiogenic Pb, for instance from an older component of the mineral.

3.2.3 Causes of discordance

Mixing of different age domains, Pb loss, intermediate daughter product disequilibrium, and initial Pb are natural causes of discordance in the U–Th–Pb system. Zircon and other minerals can consist of old cores and one or more generations of younger overgrowths. If they are analyzed together, this will lead to analyses plotting on a discordia line representing some weighted average of the different age domains. Core-rim textures can be revealed in cathodoluminescence images, and by using a high spatial resolution technique one might be able to analyze the different age domains separately (Schoene, 2014). Pb loss caused by for instance low-temperature hydrothermal dissolution–reprecipitation (Geisler et al., 2002) will also make analyses plot along a discordia line. Pb loss is pronounced in zones with extensive crystal lattice damage (metamictization) due to high alpha particle dose (Sliwinski et al., 2017).

The assumption of secular equilibrium is invalid if the system experiences open-system behavior, where intermediate daughter products are fractionated from their parent isotopes (Schoene, 2014). Such fractionation can occur during partial melting or during crystallization of the resulting melt. Overestimation of the true age will happen if the intermediate product is preferentially partitioned into the mineral over its parent, while the true age will be underestimated if the intermediate product is preferentially excluded during crystallization (Schoene, 2014). In order to obtain an accurate date, it is important to correct for the presence of common Pb. In the Tera-Wasserburg diagram the Pb_c composition can be found graphically, where the discordia intercepts the $^{207}Pb/^{206}Pb$ axis as shown in Fig. 3.6.

3.3 Lu–Hf system

Lutetium (Lu) has two naturally occurring isotopes: ^{175}Lu, which is stable, and ^{176}Lu, which is radioactive with a half-life of ca. 35 billion years and undergoes spontaneous beta decay to stable ^{176}Hf. Lu is the heaviest of the rare-earth elements (REE) and tends to reside mainly in heavy-REE-rich minerals like garnet, zircon, and zenotime (Kinny & Maas, 2003; Vervoort, 2014). Hafnium (Hf) is a high field strength element (HFSE) with an ionic radius virtually identical to that of zirconium (Zr) and the same oxidation state of + 4 (Faure & Mensing, 2004). Hence, Hf is found as a minor element substituting for Zr in Zr-bearing minerals, such as zircon (Kinny & Maas, 2003; Faure & Mensing, 2004). The varying abundance of ^{176}Hf is expressed with respect to ^{177}Hf, a stable, non-radiogenic isotope whose natural abundance is constant. This gives the following age equation (IX) for the Lu–Hf dating method (Kinny & Maas, 2003):

$$\left(\frac{^{176}Hf}{^{177}Hf}\right)_t = \left(\frac{^{176}Hf}{^{177}Hf}\right)_{initial} + \left(\frac{^{176}Lu}{^{177}Hf}\right)_t \times (e^{\lambda t} - 1) \qquad \text{(IX)}$$

where t is the elapsed time and λ is the ^{176}Lu beta decay constant. In zircon, the importance of the Lu–Hf system is its use as a geochemical tracer rather than as a geochronometer since U–Pb isotopes give much higher age precision. By combining the U–Pb and Lu–Hf systems one can trace rock origins and the evolution of the crust and mantle over time (Kinny & Maas, 2003).

Both Lu and Hf are incompatible elements during melting and is concentrated in the melt over the residual solid. The daughter element (Hf) is more incompatible than the parent element (Lu). Therefore, a melt will have a lower Lu/Hf ratio than the residual solid (Vervoort, 2014). Episodes of partial melting of the upper mantle have depleted the residual mantle of Hf and correspondingly enriched the basaltic crust that was generated. The Hf isotopic composition of the depleted mantle (Lu/Hf > chondrite) and of the enriched crust (Lu/Hf < chondrite) will over time diverge from unfractionated material (Lu/ Hf = chondrite) (Kinny & Maas, 2003). The deviation of Hf isotopic composition at any time (t) from the chondritic value is expressed in epsilon units (parts per ten thousand) as given in Equation X (Vervoort, 2014):

$$\varepsilon_{Hf(t)} = \left(\frac{\left(\frac{^{176}Hf}{^{177}Hf}\right)_{(sample,t)}}{\left(\frac{^{176}Hf}{^{177}Hf}\right)_{(chondrite,t)}} - 1 \right) \times 10^4 \qquad \text{(X)}$$

The different reservoirs on Earth have evolved following different paths due to the differentiations of Lu from Hf occurring in Earth's history (Kinny & Maas, 2003; Vervoort, 2014). An example is shown in Fig. 3.7. Depleted mantle components evolve towards positive epsilon values related to bulk Earth (i.e., CHUR), while enriched crustal components evolve towards negative epsilon values (Fig. 3.7; Vervoort, 2014).

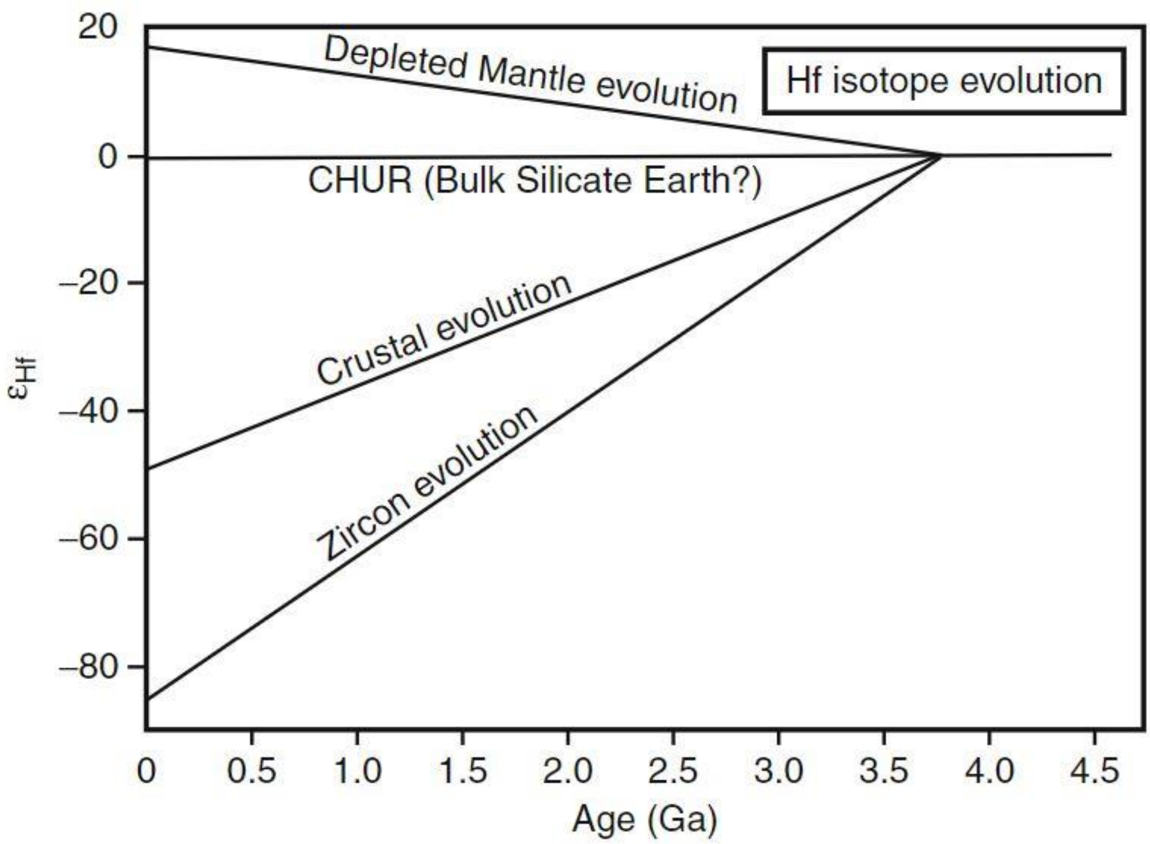


Figure 3.7: Schematic diagram showing the hypothetical Hf isotope evolution of different terrestrial reservoirs following a major differentiation event at 3.8 Ga: Chondritic Uniform Reservoir (CHUR) representing bulk silicate Earth, evolution of depleted mantle from depletion at 3.8 Ga to its composition today, evolution of an enriched crustal reservoir with $^{176}Lu/^{177}Hf$ = 0.015, and evolution of a zircon formed at 3.8 Ga with $^{176}Lu/^{177}Hf$ = 0.001 (from Vervoort, 2014, fig. 2b).

Zircon has a much greater affinity for Hf than Lu, which means that the Lu/Hf ratio in zircon is very low. The $^{176}Lu/^{177}Hf$ ratio is usually less than 0.0005. Therefore, changes to the $^{176}Hf/^{177}Hf$ due to in situ decay of ^{176}Lu is virtually negligible. Hence, zircon effectively preserves the initial $^{176}Hf/^{177}Hf$ ratio, making it possible to see the Hf isotopic composition of its source environment at the crystallization time (Kinny & Maas, 2003). If the crystallization age of the zircon is known from U–Pb dating, this ratio can be used to determine initial ε_{Hf}. By comparing this value with respect to the Hf evolution curve of a hypothetical chondritic reservoir, the Hf isotopic composition of zircon can be utilized in provenance studies to give information about the source (Kinny & Maas, 2003). One separates between more juvenile mantle-derived sources (positive epsilon values, plotting close to the depleted (radiogenic) mantle evolution), older evolved crustal sources (negative values, plotting along an evolution of an enriched (less radiogenic) crustal reservoir), or some mixture of the two with input from both depleted mantle and enriched crust (Vervoort, 2014).

The most popular method used for Hf isotope analyses of zircon is plasma source mass spectrometry, for instance LA-ICP-MS (Kinny & Maas, 2003). In detrital zircon studies the same grains are ablated twice, first to acquire a U–Pb crystallization age and secondly to acquire the Hf isotopic composition (Vervoort, 2014).

3.4 Detrital zircons in provenance studies

3.4.1 Zircon

Zircon is a physically and chemically robust mineral and is popularly used as a tracer of sedimentary provenance. It is datable by the U–Pb method and its Hf composition reflects the parent rock in which it crystallized (Andersen et al., 2022).

Zircon has the chemical formula $ZrSiO_4$ and is an orthosilicate mineral. It is a common accessory mineral in the crust and is found in sedimentary, igneous, and metamorphic rocks (Finch & Hanchar, 2003). Trace amount (or more) of Hf, Y, REEs, P, U, and Th are known to be incorporated in the crystal lattice (Hoskin & Schaltegger, 2003), which makes it ideal to use for geochemical and geochronological analyses. Zircon is a heavy mineral with a density of 4.66 g/cm^3 (Finch & Hanchar, 2003). Zircon generally has characteristic internal textures depending on the geological environment it formed in. While magmatic zircon typically shows oscillatory zoning or sector zoning, metamorphic zircon may have no zoning or be weakly zoned, sector zoned or patchy zoned (Wu & Zheng, 2004). Cathodoluminescence imaging can be used to observe the internal textures of zircon, while backscatter electron imaging can be used to see cracks and inclusions (Corfu et al., 2003).

3.4.2 Detrital zircon age patterns

Detrital zircon age patterns can aid in understanding the tectonic setting of the basin in which the zircons were deposited in (Cawood et al., 2012). In Fig. 3.8 examples from three tectonic settings (i.e., convergent, collisional, and extensional) are shown. This approach is most accurate when the depositional age of the studied sediment is well constrained. At active margins, such as foreland basins, synsedimentary magmatic activity is likely. Therefore, the youngest detrital zircon grains may show similar ages as the depositional age of the sediment. In passive-margin systems, synsedimentary igneous activity is lacking, and the youngest detrital zircon grains will provide a maximum depositional age that is much older than the time of sediment accumulation (Cawood et al., 2012).

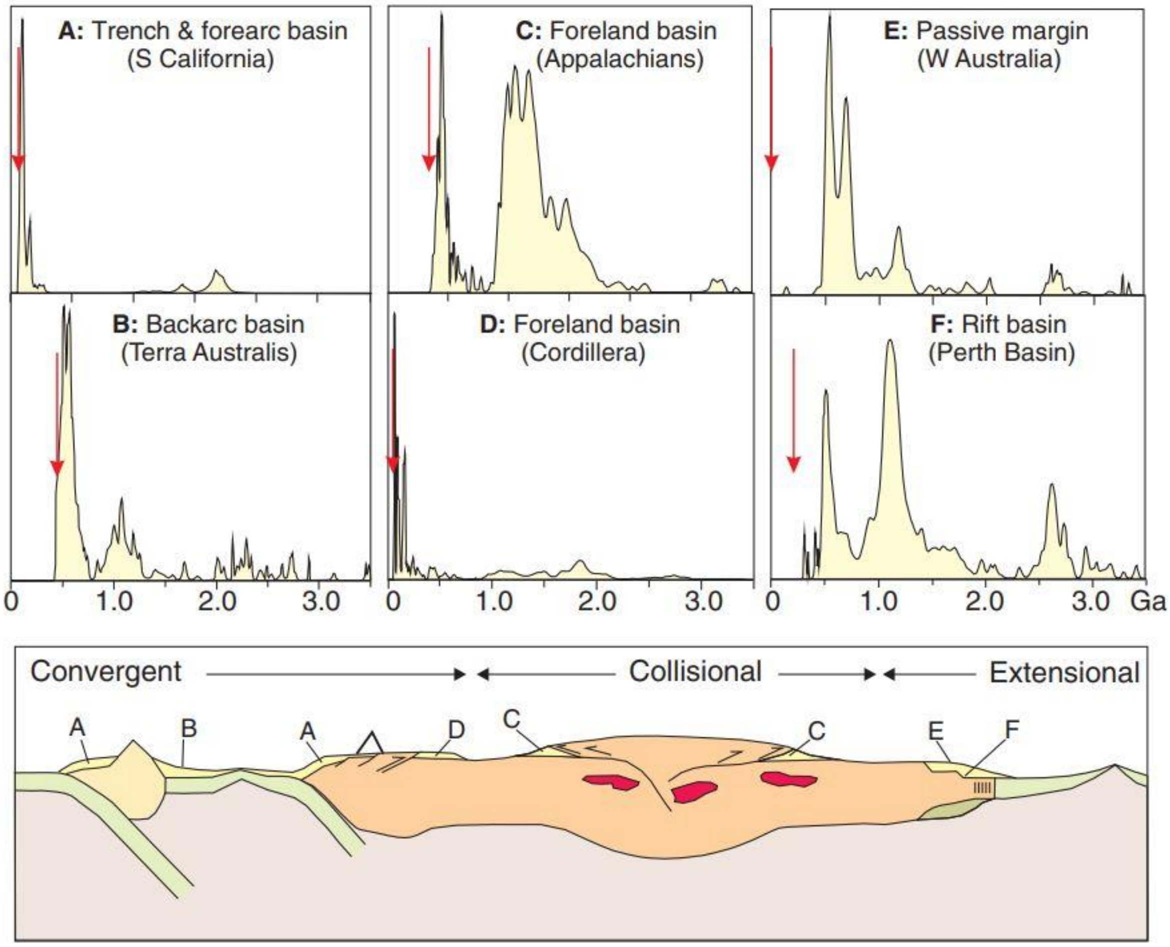


Figure 3.8: Detrital zircon age spectra for convergent (A & B), collisional (C & D), and extensional basins (E & F) (from Cawood et al., 2012, fig. 1). Red arrow indicates the age of sediment deposition. The schematic cross section shows simplified tectonic settings of basins.

3.4.3 Hf evolution patterns

Hf evolution patterns reflect juvenile input, reworking of evolved crust, or a combination of the two, and will therefore be distinctive for specific tectonic environments (e.g., Collins et al., 2011; Spencer et al., 2018). Kohanpour et al. (2019) showed from numerical modeling that extensional settings (breakup) lead to more juvenile Hf signatures (i.e., evolution trend plotting diagonally upwards), whereas compressional settings (assembly) lead to evolved Hf values (i.e., evolution trend plotting diagonally downwards).

εHf/Ma trends can also be used to distinguish different styles of orogenesis according to Spencer et al. (2018). In the study by Spencer et al. (2018), zircon Hf data from three distinct orogenic belts (Grenville, Sveconorwegian, and Valhalla) were compared (Fig. 3.9). Spencer et al. (2018) showed that subduction systems will generally develop shallower ^{176}Lu/^{177}Hf slopes than continental-continental collision systems due to dominantly arc-related source magmas. Steep trends, as seen for the Grenville orogen in Fig. 3.9, can be explained by crustal reworking in a continent-continent collision, where greater evolved material is incorporated in the melt due to melt penetration into thickened crust (Spencer et al., 2018). For the Sveconorwegian and Valhalla orogens, the ^{176}Lu/^{177}Hf slopes are shallower, which is compatible with reworking evolution trends in accretionary orogens (Fig. 3.9; Spencer et al., 2018).

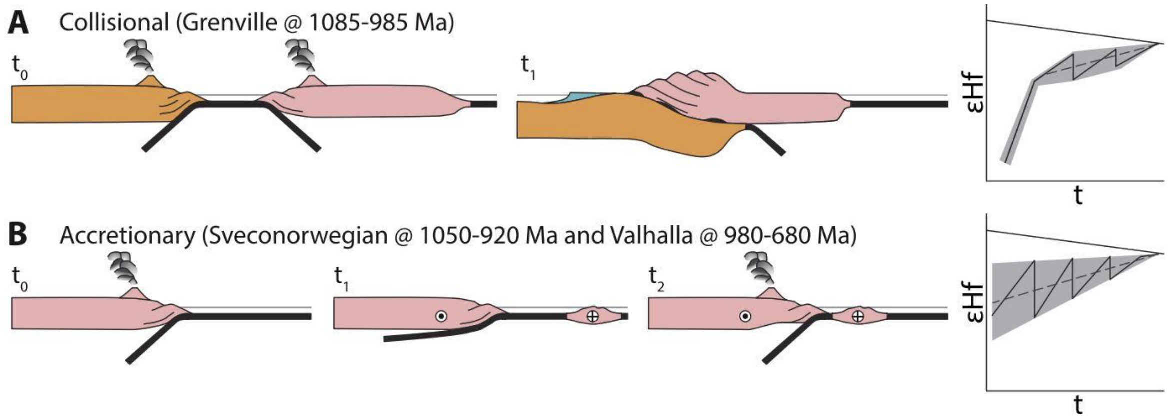


Figure 3.9: (A) Schematic cross-section of the Grenville collisional orogen with two opposing subduction zones and predicted εHf/Ma trajectory. (B) Schematic cross-section of the Sveconorwegian and Valhalla collisional orogens and predicted εHf/Ma trajectory representing variable mixtures of reworked crust and depleted mantle (from Spencer et al., 2018, fig. 4).

4 Methods

In this study four main methods have been conducted: 1) fieldwork, 2) U–Pb geochronology, 3) Lu–Hf analyses of detrital zircons, and 4) descriptions of thin sections. In this chapter the different methods will be introduced and sources of error that potentially can affect the results and thus the conclusions will be discussed in the last section.

4.1 Fieldwork — sampling and logging

Fieldwork was carried out in the periods August 23rd to August 29th, 2021, and September 5th to September 18th, 2022. Most of the sampling took place in 2021 in addition to short rock descriptions at each sample locality. Two profiles through the Vestertana Group were sampled, one along the Tanafjord Road (Vestertana and Ifjordfjellet) and one at the Digermul Peninsula accessed by boat. In 2022 the sampling sites along the Tanafjord Road were revisited and described in more detail, and sedimentary logs were made for the sampling sites and some additional road cuts.

A total of 42 samples were collected in 2021 and one sample in 2022. The samples were taken with a rock hammer, and a Windows tablet with the software ArcPad 10.2 was used to plot the coordinates of the samples on a map. To determine where to sample, NGU's 1:50,000 maps for Smalfjord (Siedlecka, 2010), Ifjordfjellet (Siedlecka & Roberts, 2010), and Langfjorden (Siedlecka et al., 2006) were used.

The sedimentary logging was done by hand on log paper. The outcrops were logged at a scale of 1:20. A grain-size scale with grains from silt size to very coarse sand was used to determine the grain sizes observed in the field. A meterstick was used to measure the thicknesses of the beds. To determine whether the bedding was oriented the right way up or if it was overturned, one had to look for right-way-up indicators, e.g., load casts and cross-cutting cross stratification.

In addition to the logging and descriptions, measurements of bedding planes, fold axes and paleocurrent directions were performed. For this, a geological compass was used. In the outcrops where folds were exposed, the fold axis was measured when possible. For the outcrops where the fold axis was difficult to measure directly, the fold limbs were measured and plotted in a stereonet using the software Stereonet v. 11 (Allmendinger et al., 2011; Cardozo & Allmendinger, 2013). Then the calculation tool 'axial plane finder' was used to determine the fold axis and the fold axial plane.

Ripple foresets, troughs, groove and gutter casts, and flame structures were used as paleocurrent indicators. Troughs, groove casts, and gutter casts indicate two possible paleocurrent directions, while ripple foresets and flame structures indicate one flow direction. Since ripples look different in different cross sections there is always an uncertainty with the measured direction. Wherever possible, two different cross sections of the same ripple were looked at to be able to determine the paleocurrent direction more precisely. The paleocurrent measurements were later plotted using a software called GeoRose 0.5.1.

4.2 Sample preparation

A total of 19 samples were selected for geochronological analysis. Seventeen of them were taken from the sedimentary rocks of the Vestertana Group, while two were magmatic clasts sampled from the Smalfjord- and Mortensnes diamictites. Before the samples could be analyzed with the LA-ICP-MS, they had to be crushed and separated in order to find and concentrate the zircon grains. This process involved the following steps: 1) sawing and crushing, 2) sieving, 3) water table, 4) heavy-liquid separation, 5) boiling in concentrated HNO_3 to remove pyrite and other sulfides where needed, and 6) bulk-mounting with a pipette or handpicking of zircon grains (Fig. 4.1). This process was carried out in the labs at the Geological Survey of Norway. The different steps are described in more detail below.

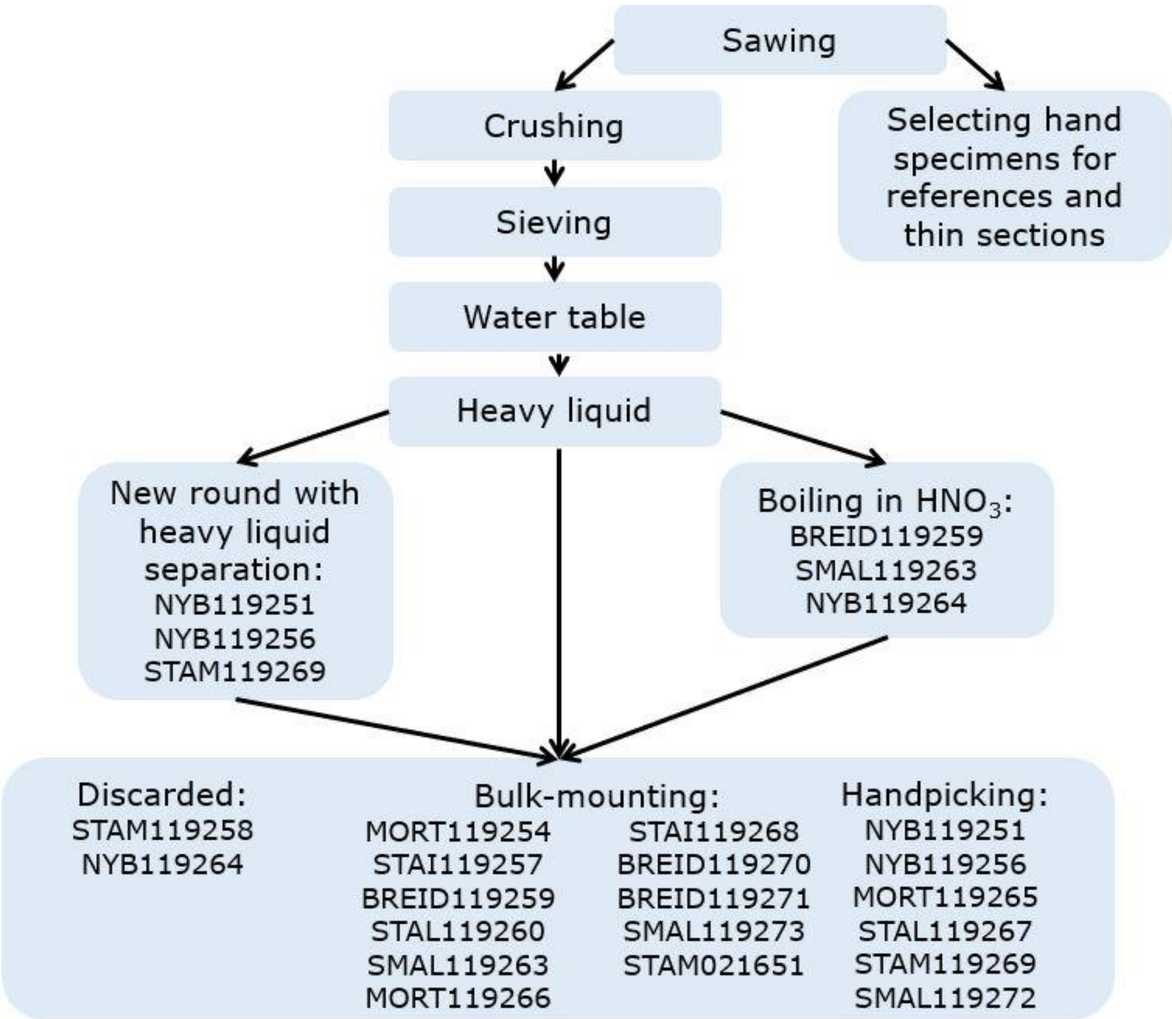


Figure 4.1: Workflow diagram for the sample preparation process before the geochronological analysis.

Sawing and crushing

The preparation process started with sawing of the biggest rock samples with a diamond saw into pieces that were manageable for the jaw crusher. All the samples were washed and dried. One or two pieces of each sample were selected and stored as a reference and used to make thin sections. The rest of the sample was then crushed by NGU's jaw crusher, a Pulverisette 1 model II. The sample material was fed through the machine twice, where one plate applies mechanical force onto a stationary plate. Between each sample the jaw crusher was dismantled and cleaned to avoid contamination.

Sieving

The crushed material was sieved through a sieve with a mesh size of 250 μm to separate between grains >250 μm and <250 μm. The fraction less than 250 μm went on to the next step in the mineral separation process, while the >250 μm fraction was stored. Between each sample, the sieves were cleaned by placing them in an ultrasonic bath to release small grains that were stuck in the mesh. The sieves were dried using high-pressure air and visually inspected at a light table to make sure that there were no remaining grains in the mesh.

Water table

To separate heavier minerals from the lighter ones, a Wilfley water table was used (Fig. 4.2A). The water table has a slight tilt, and the plate has grooves. Water is distributed equally over the table that shakes horizontally. The light material will be washed off first, while the heavier grains will remain on the water table longer. For each sample, a small portion of the <250 μm material was placed at the top of the water table. First, the light fraction was collected, before the heavy one. Both fractions were dried. The light fractions were stored, while the heavy fractions were placed in Petri dishes. The water table was carefully rinsed with water between each sample to avoid contamination.

Heavy-liquid separation

The heavy-liquid separation was performed at NGU under supervision in safe conditions in a fume hood when handling the heavy liquid. All the selected samples went through this step of the separation process.

A hand magnet stick was used to remove magnetite from the samples before starting with the heavy-liquid separation. No further magnetic separation was performed due to the risk of removing zircon grains with impurities, which in turn can introduce biases in the dataset.

The following equipment was used during the heavy-liquid separation: one separation funnel, three funnels, three filters, and two beakers. The heavy liquid used was diiodomethane with a density of ~3.3 g/cm^3. In addition, acetone was used to clean all the equipment and sample material that had been in contact with the heavy liquid, and water was used to check if the equipment was sufficiently cleaned. All the equipment was washed and dried between each sample.

First, the separation funnel was filled with heavy liquid that had been filtered to minimize the risk of contamination from earlier use. The sample material was then added, and the separation funnel was shaken carefully to mix the grains with the heavy liquid (see Fig. 4.2B). After having waited for heavy material to sink and settle at the bottom, the separation funnel was opened quickly to let the heavy material through and then closed again. The filter containing the heavy grains (>3.3 g/cm^3) was cleaned with acetone and dried. Then the separation funnel was opened and emptied; the heavy liquid filtered through a new filter, where the lighter material was gathered. The heavy liquid was poured back into its container for reuse before the separation funnel and filter with the light material was washed with acetone.

The heavy and light materials were placed in separate Petri dishes. The light material was stored, while the heavy material was inspected with a microscope to see if there were enough zircons for analysis. Two samples (STAM119258 and NYB119264) contained too few zircons and were at this step discarded, and for three of the samples with few and small zircons (NYB119251, NYB11956, and STAM119269), the light fractions were separated with heavy liquid one more time.

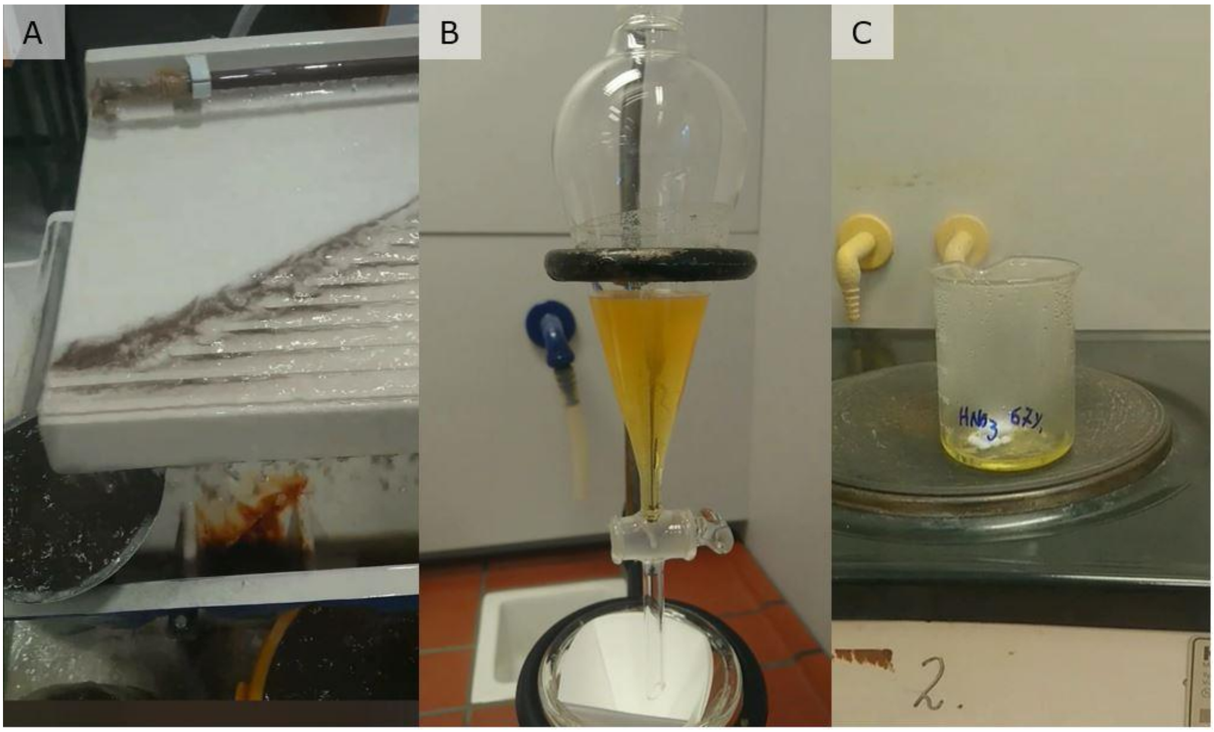


Figure 4.2: (A) Heavy minerals are separated from the lighter ones on a Wilfley water table. (B) Heavy-liquid separation. (C) Sulfides are dissolved in boiling, concentrated HNO_3.

Boiling in concentrated HNO_3

Three samples contained a lot of pyrite and other sulfide minerals (BREID119259, SMAL119263, and NYB119264). To remove these minerals from the concentrates the samples were boiled in a beaker with concentrated nitric acid (HNO_3) as shown in Fig. 4.2C. This was performed in a fume hood under supervision of lab engineers at NGU. The HNO_3 dissolved the sulfide minerals, making it a purer concentrate.

Bulk-mounting and handpicking of zircon grains

For the two magmatic clasts approximately 30 zircon grains per sample were handpicked using a tweezer under a binocular microscope. The selected grains were transferred from the Petri dish to a double-sided tape on a glass plate.

For the detrital samples it was ideal to have approximately 120 grains per sample. To avoid selection bias during handpicking, all the samples containing enough zircon grains were bulk-mounted. A pipette was used to suck up a random selection of grains from each sample that was then transferred to the tape. Four of the detrital samples contained too few zircons to be bulk-mounted and were therefore handpicked instead.

After the grains had been placed on the tape, a mold was put onto the tape and filled with epoxy. The epoxy was set to dry for a few days. Then the mold was removed, and the mount was polished by hand using a rotating polisher with 6 µm diamond grains. In total, eight mounts were made during this study.

4.3 Imaging with Scanning Electron Microscope (SEM)

Backscatter electron (BSE) images and cathodoluminescence (CL) images of the mounts were taken with the scanning electron microscopes (ZEISS) at NTNU and NGU. The BSE images were used to reveal cracks and inclusions within the zircons, while the CL images were used to spot internal textures within the zircons, for instance zoning. This information was used later when determining where to place the spots for the U–Pb and Lu–Hf analyses.

Before the pucks were placed in the SEM, they were coated with carbon to create a conductive layer on the mount surface to avoid any charge from being collected on the surface during CL scanning. The BSE imaging was conducted first. At NTNU a mineralogic map was made by detection of backscatter electrons, which were classified using effective energy-dispersive X-ray spectroscopy in a software called MINERALOGIC. This was useful to identify the zircons, especially for the bulk-mounted samples that also contained other minerals. For the CL imaging of the bulk-mounted samples a smaller area containing zircons was selected, instead of taking one or several images of the whole sample. After the imaging, the pucks were cleaned with nitric acid to remove the carbon coating.

4.4 U–Pb geochronology

The geochronological analyses were performed in the same way as described in Slagstad et al. (in prep.). The U–Pb isotope measurements of zircons were determined by laser ablation multi collector inductively coupled plasma mass spectrometer (LA-MC-ICP-MS) at the Norwegian Laboratory for Mineral and Materials Characterisation (MiMaC) at NGU using a Photon Machines Analyte excite 193 nm excimer laser coupled to a Nu Plasma 3 MC-ICP-MS. The pucks with the samples were placed in the LA-MC-ICP-MS and the laser spots were plotted based on the CL images (ca. 120 zircons in the sedimentary rock samples and ca. 30 zircons in the magmatic clasts). The tuning parameters were a laser frequency of 6 Hz, a fluence of 2 J/cm^2, and a spot size of 15 µm. The gas blank was measured for 20 s before switching on the laser for 20 s, followed by a 5 s washout period. Ablations were carried out in a He atmosphere and sample aerosol was transported to the ICP-MS by a He carrier gas, with additional Ar added to the He-sample mixture bulb before the plasma torch. The masses 202, 204, 206–208, 232, and 238 were measured. Consistent laser parameters were used for all standards and sample measurements in each sequence. The GJ-1 zircon standard (608.5 ± 1.5 Ma; Jackson et al., 2004) was used as a calibration standard. Precision and accuracy were monitored using several published, unpublished, and in-house reference materials. 91500 yielded a weighted average $^{207}Pb/^{206}Pb$ age of 1063 ± 1 Ma (n = 113, nominal age 1065 Ma; Wiedenbeck et al., 1995), Plesovice yielded a weighted average $^{206}Pb/^{238}U$ age of 339 ± 0.4 Ma (n = 121, nominal age 337 ± 0.7 Ma; Sláma et al., 2008), Z-6412 yielded a weighted average $^{207}Pb/^{206}Pb$ of 1161 ± 1 Ma (n = 115, nominal age 1160 ± 2 Ma; unpublished, GSC Ottawa), Kara yielded a weighted average $^{207}Pb/^{206}Pb$ of 2642 ± 2 Ma (n = 79, nominal age ca. 2632 Ma; unpublished data), and Sjona yielded an upper intercept of 1807 ± 3 Ma (n = 79, nominal age 1797 ± 3 Ma; Skår, 2002).

The data reduction was carried out in cooperation with Trond Slagstad and Magdalena Huyskens at NGU. The 'U–Pb Geochronology' data reduction sheme ('DRS') in Iolite v. 4

(Paton et al., 2011) was used to apply corrections and calculate isotope ratios and uncertainties. On-peak gas-blank baselines were fit with an 'automatic spline' and subtracted from each channel. Approximately 1 s was trimmed from the beginning and end of the selection of data from each analysis. The GJ-1 zircon was used as primary standard to correct for drift and downhole fractionation, and to normalize $^{238}U/^{206}Pb$ and $^{207}Pb/^{206}Pb$. Exponential fits to the downhole fractionation trends were used for the downhole correction.

Isoplot 4 (Ludwig, 2008), an excel add-in, was used to create Tera-Wasserburg concordia plots, and a R package called detzrcr (Andersen et al., 2018) was used to make Kernel density plots and histograms of the U–Pb ages. A R package called IsoplotR (Vermeesch, 2018) was used to calculate the maximum depositional ages (MDA) of the detrital samples. To calculate the MDA the maximum likelihood age (MLA) model of Galbraith and Laslett (1993) and Galbraith (2005) was used. According to Vermeesch (2021) the MLA model is the only MDA estimation method that is built on solid statistical foundations, and the only method that can converge to the correct solution with increasing sample size. In IsoplotR the method described in Vermeesch (2021, appendix B) was used to find MLA.

4.5 Lu–Hf analyses

The Lu–Hf methodology is rewritten after Slagstad et al. (in prep.). After having performed the U–Pb analyses, the Hf compositions of the zircons were measured by LA-MC-ICP-MS at MiMaC/NGU using a Photon Machines Analyte excite 193 nm excimer laser coupled to a Nu Plasma 3 MC-ICP-MS. Small grains, that there were very little or nothing left of after the U–Pb analyses, were removed from the sequences. A laser beam diameter of 40 µm was used to ablate the previously dated zircon domains, either covering the lines ablated for U–Pb determinations or placed in similar CL textural domains. A laser fluence of 4 J/cm^2 and a repetition rate of 9 Hz ablated the grains for 45 s. Each ablation was preceded by 35 s gas-blank baselines and followed by 10 s washouts. A He and Ar gas mixture transported the ablated aerosols to the MC-ICP-MS. Adjacent faraday cups with 10^{11} Ω resistors with an integration period of 0.1 s measured isotopes with masses between 171 and 180.

To normalise the $^{176}Hf/^{177}Hf$ and calculate a scaling factor between Yb and Hf mass bias, the standards Plešovice (0.282482 ± 6; Sláma et al., 2008) and MUNZirc4 (0.282140 ± 8; Fisher et al., 2011) were used, respectively. These standards were analysed at the beginning and end of each run and bracketing every 8–10 analyses of unknowns and quality-control (secondary) standards.

The data reduction was carried out in cooperation with Trond Slagstad and Magdalena Huyskens at NGU. Data were processed with Iolite v. 3.71 using a customised data reduction scheme. A summary of the calculations performed by the data reduction scheme is as follows:

1) On-peak baselines are fit with an 'automatic spline' and subtracted from each channel.
2) Hafnium mass bias (βHf) is calculated relative to $^{179}Hf/^{177}Hf$ = 0.7325 (Patchett & Tatsumoto, 1980, 1981). A standard with relatively high Yb/Hf (MUNZirc4) is used to calculate a scaling factor between βHf and βYb ('Xbeta' = βYb/βHf). Reference ratios for $^{173}Yb/^{171}Yb$ and $^{176}Yb/^{173}Yb$ from (Segal et al., 2003) were used, respectively, to calculate Yb mass bias and correct the interference of ^{176}Yb on ^{176}Hf. Throughout, we used the exponential mass-bias law.

3) Ytterbium-176 is subtracted from the total ^{176}(Hf + Lu + Yb) signal in each measurement in two different ways: (*a*) By using the measured ^{173}Yb signal, a canonical ^{176}Yb/^{173}Yb ratio, and measured βHf scaled by Xbeta (determined using the bracketing measurements of MUNZirc4). The same scaled mass-bias factor (βHf * Xbeta), measured ^{175}Lu signal, and a canonical ^{176}Lu/^{175}Lu = 0.02656 (Chu et al., 2002) are used to subtract ^{176}Lu from the residual ^{176}(Hf + Lu) signal; (*b*) By using the βYb and βHf determined internally for each measurement for Yb (and Lu) and Hf isotope ratios, respectively.
4) The residual ^{176}Lu and ^{177}Hf signals and the average of βHf and βHf * Xbeta are used to calculate the interference- and mass-bias-corrected ^{176}Lu/^{177}Hf.
5) The residual ^{176}Hf and ^{177}Hf signals and βHf is used to calculate the interference- and mass-bias-corrected ^{176}Hf/^{177}Hf.
6) The final ^{176}Hf/^{177}Hf is normalised relative to ^{176}Hf/^{177}Hf = 0.282482 for Plešovice (Sláma et al., 2008).
7) Internal uncertainties on all results are calculated as 2 SE of the individual measurements ('integrations') during analysis with 3 SD outlier rejection.

The ^{176}Hf/^{177}Hf calculated by either method *a* or *b* outlined in step 3 of the data reduction was selected based on the following criteria: If the measured ^{176}Yb/^{177}Hf was greater than 0.055 and the difference between ^{176}Hf/^{177}Hf determined by methods *a* and *b* was greater than 0.8 ε-units (80 ppm), then the ^{176}Hf/^{177}Hf from method *b* was selected. Otherwise, the ^{176}Hf/^{177}Hf from the method *a* was selected.

Initial ^{176}Hf/^{177}Hf (^{176}Hf/^{177}Hf$_i$) for each spot analysis was calculated using the corrected ^{176}Hf/^{177}Hf and ^{176}Lu/^{177}Hf, λ^{176}Lu = 1 .867 x 10^{-11} yr^{-1} (Scherer et al., 2001; Söderlund et al., 2004) and the U–Pb date of the corresponding zircon domain. Initial εHf (εHf$_i$) was calculated from ^{176}Hf/^{177}Hf$_i$ relative to CHUR (at the age of the zircon domain) with present-day ^{176}Hf/^{177}Hf = 0.282785 and ^{176}Lu/^{177}Hf = 0.0336 (Bouvier et al., 2008). Two-stage depleted-mantle model ages (T_{DM}) were calculated relative to a depleted mantle model reservoir with present-day ^{176}Hf/^{177}Hf = 0.28325 (Nowell et al., 1998; Griffin et al., 2000, 2002) and ^{176}Lu/^{177}Hf = 0.0384 (Griffin et al., 2002), and the crustal average ^{176}Lu/^{177}Hf = 0.015 (Griffin et al., 2002) for the Hf isotopic evolution of crustal magma sources after separation from the depleted mantle.

The ^{176}Hf/^{177}Hf determined for the secondary reference zircons are as follows (average ^{176}Hf/^{177}Hf ± 2 SD, *n*): Mud Tank: 0.282518 ± 38, *98* (reference: 0.282507 ± 3; Woodhead & Hergt, 2005); 91500: 0.282306 ± 44, *98* (reference: 0.282308 ± 3; Blichert-Toft, 2008); MUNZirc 1,3, and 4: 0.282132 ± 83, *294* (reference: 0.282140 ± 8 [from solution MC-ICP-MS]; Fisher et al., 2011); GJ-1: 0.282015 ± 31, *56* (reference: 0.282000 ± 5; Morel et al., 2008); Sjona: 0.281671 ± 58, *56* (reference: 0.281685; Slagstad et al., in prep.). Hf analyses were excluded based on a selection duration shorter than 15 s or if they had propagated εHf uncertainties >5 ε-units following final data reduction. The R package detzrcr (Andersen et al., 2018) was used to make Hf evolution plots.

4.6 Thin sections

Eleven thin sections were made at the thin section lab at NTNU. At least one thin section was made per geological unit in the Vestertana Group. The samples were polished to 25 μm thickness and have an area of 28 x 48 mm.

All the thin sections were scanned by an Olympus BX51 thin section scanner in both plane-polarized light (ppl) and cross-polarized light (xpl) to create overview images. Afterwards, petrographic descriptions were made for each thin section using a Nikon E600. The apparent grain size (in Udden-Wentwort scale (Wentworth, 1922)), roundness (Fig. 4.3), and grain distribution (sorting) were described. In addition, the amounts of different mineral grains were estimated. The types and amounts of matrix and/or cement were described, and the amount of porosity was noted. For the thin sections that consisted predominantly of sand size grains, the rock type was classified based on Dott (1964).

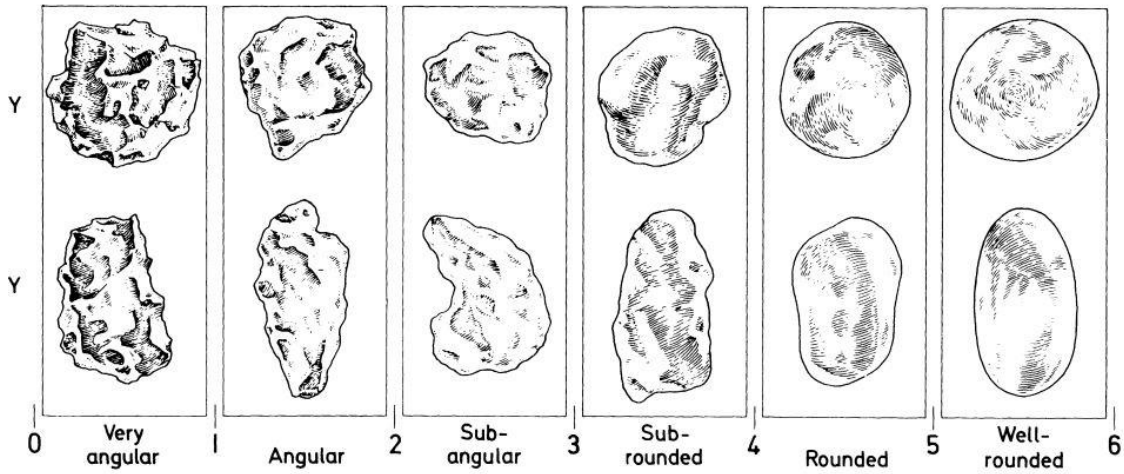


Figure 4.3: Roundness images and classes (from Pettijohn et al., 1987, fig. A-2).

4.7 Sources of error

Fieldwork

During the fieldwork, field observations were made, and samples were collected for further analyses in the lab. The field observations were used to interpret depositional environments and to show the transport directions in the different geological units. Wrong observations and measurements can lead to misinterpretations and false paleocurrents. Previous experience with fieldwork and competence regarding sedimentary structures are essential in order to make good field observations and measurements. By working together with other geologist (both sedimentologists and structural geologists) one can discuss the observations and learn from each other, and thus make more reliable interpretations. It is also important to remember that one outcrop does not represent an entire formation. Therefore, it is useful to visit several outcrops within the same formation to get a bigger overview of the geological unit and to look at vertical and lateral changes.

As mentioned in Section 4.1 regarding paleocurrent measurements of ripples, it is useful to find structures that can be observed from different angles, because it will make the measurement more precise. If one wants to find dominant transport directions, it is necessary to make enough paleocurrent measurements to be statistically significant. It is also important to make sure if the bedding is overturned or not when measuring paleocurrent indicators, so that one can rotate the bedding if needed to get the correct paleocurrent direction.

NGU’s 1:50,000 maps for Smalfjord (Siedlecka, 2010), Ifjordfjellet (Siedlecka & Roberts, 2010), and Langfjorden (Siedlecka et al., 2006) were used to determine in which geological unit the geological observations and samples were collected from. There is, however, no guarantee that these maps are 100% correct. The boundaries between the geological units are not necessarily correctly placed, especially if the lithology of the two units is similar. Most of the time it was easy to recognize the different formations, except at Ifjordfjellet, where there were no big contrasts between the members of the Stáhpogieddi and Breidvika formations. There are therefore some uncertainties on a few of these outcrops that were close to the mapped boundaries. It is also important to keep in mind that the original mapping by Siedlecka and Roberts was carried out prior to the development of GPS, which in some areas may have made it difficult to draw borders with high geographical precision.

A study by Hietpas et al. (2011) demonstrates that characterization of entire sedimentary formations by analysis of single samples may be misleading. In this study, at least two samples from each geological unit were collected. As described in Section 4.1, two profiles through the Vestertana Group were visited and all the units were sampled in both profiles.

U–Pb and Lu–Hf analyses of detrital zircons

The various steps involved in conducting an analysis of a detrital zircon can introduce artificial bias. This can occur from field sampling as discussed above to the presentation of the results.

The sample preparation for geochronological analysis is largely standardized. The use of Wilfley table and heavy liquid separation is not considered to induce bias according to Fedo et al. (2003). However, the use of size grading may cause bias. When the sample is sieved through a sieve with a mesh size of 250 µm, larger zircons are excluded. Very small zircons are also excluded because they are too small to be analyzed by the LA-ICP-MS. Magnetic separation was not performed in this study and is therefore not a potential source of error. To avoid human-induced selection bias during handpicking of the zircons, bulk-mounting was used instead, as suggested by Dröllner et al. (2021). Not all the samples could be bulk-mounted, as they contained few and/or small zircons that had to be handpicked. According to Vermeesch (2004) at least 117 grains should be analyzed per detrital provenance sample to be 95% certain that no fraction ≥0.05 of the total population is missed. In this study approximately 120 grains were analyzed per sample.

To avoid contamination from previous samples during the sample preparation, it is important to clean the workspace and equipment before and after each sample. Natural causes of discordance in the U–Pb results, such as mixing of different age domains, Pb loss, intermediate daughter product disequilibrium, and initial Pb are discussed in Section 3.2.3. BSE and CL images of the zircons can aid in determining where to shoot the laser to avoid age domain mixing, and calculations can be made to correct for both intermediate daughter product disequilibrium and common Pb (Schoene, 2014). Another important source of error in U–Pb dating of zircon by LA-ICP-MS is elemental fractionation of U and Pb as a grain is ablated by the laser due to different chemical behavior. During the ablation process the ratio between these two elements will change (Košler & Sylvester, 2003). Fractionation can be corrected for by doing several analyses and using correction constants, or by using elements that do not significantly fractionate, for instance isotopes from the same element. There are also some systematic uncertainties associated with LA-ICP-MS, such as decay constants, standard samples, and the amount of gas and laser output (Schoene, 2014).

After having obtained the results from the LA-ICP-MS it is important that the data reduction is performed in a non-biased way removing the noise without affecting the obtained date. Software is used to plot the data sets in for instance Tera-Wasserburg diagrams and Hf evolution diagrams. When interpreting the plots, it is essential to have knowledge and experience with the software, geochronology, and geochemistry to minimize the risk of misinterpretations.

Descriptions of thin section

A thin section is a 2D representation of a 3D rock and only provides information from a small part of a larger rock mass. At least one thin section was made for each investigated geological unit, but one thin section does not give information about the entire unit as there are variations both vertically and laterally within all the units. The quality of the interpretations of thin sections is dependent on the experience and knowledge of the interpreter. Errors can be made as the interpretations are highly subjective. It can be challenging to distinguish between sedimentary and metamorphic structures in a thin section, and it is important to be aware that the rocks investigated in this study have experienced low grade metamorphism that might have destroyed the original sedimentary structures. The observed mineral distribution in the thin section might also not be representative of the original mineralogy, as for instance feldspars are quite easily altered during seritization (Winter, 2001).

5 Results

The results from this study are divided into two main parts: Section 5.1 shows the results from the field observations and thin section descriptions, while Section 5.2 shows the results from the U–Pb and Lu–Hf analyses.

5.1 Rock descriptions, sedimentary logs, paleocurrent measurements, and interpretations of depositional environments

In this section the field observations for each formation in the Vestertana Group are described, starting with the stratigraphically lowermost Smalfjord Formation, and continuing upwards in the succession up to the Breidvika Formation. Observations made from the thin sections are also given. In Appendix 1, all the field observations made in 2021 and 2022 are given for each sample site and additional road cuts. Additional photos and sedimentary logs can be found in this appendix. A map, highlighting all the sample sites and the additional road cuts, is shown in Appendix 1. The sample sites are also shown in Fig. 1.1 in Section 1.2. Descriptions and photos of thin sections are given in Appendix 2. The legend for the sedimentary logs in this section is shown in Fig. 5.1.

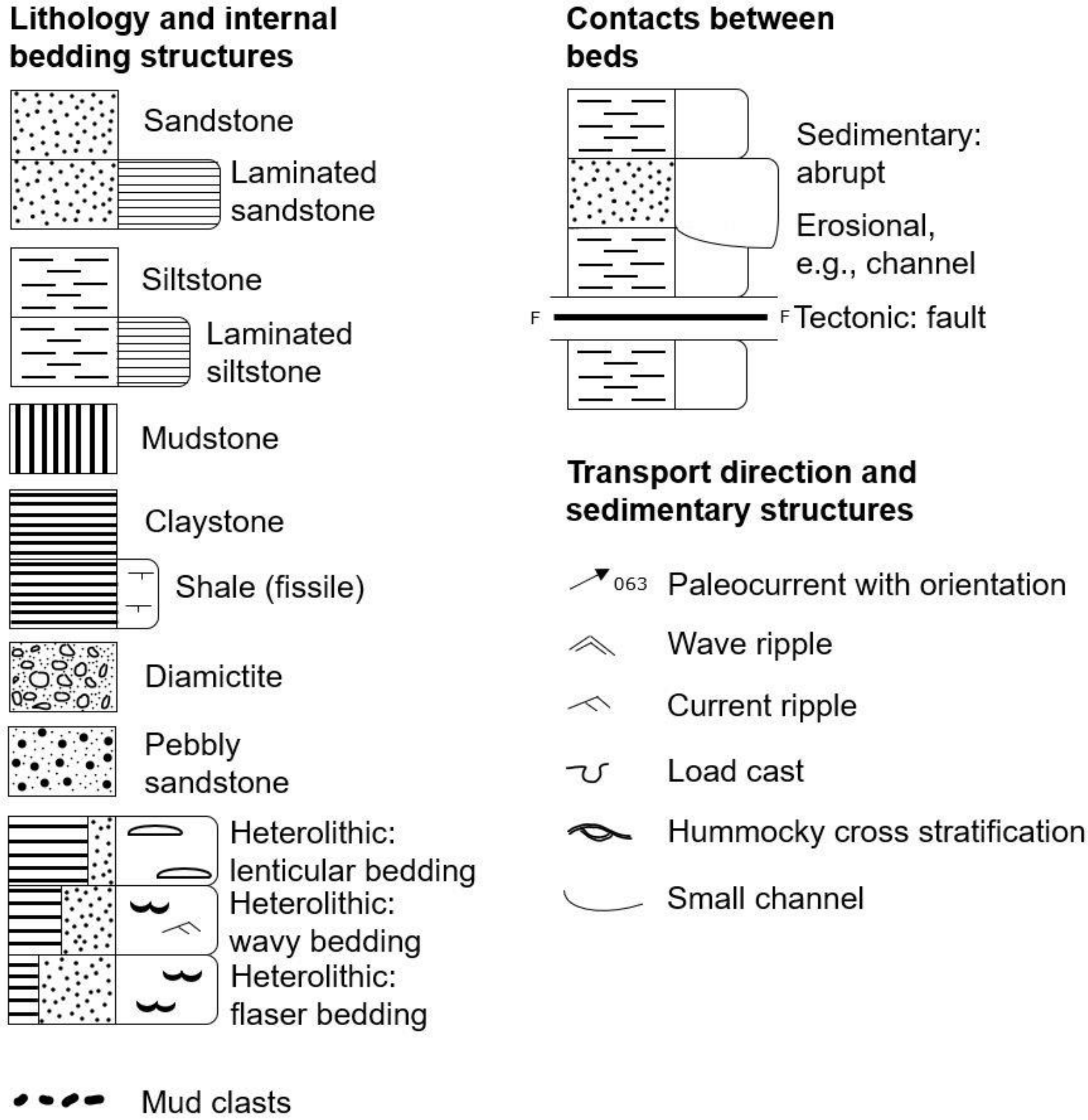


Figure 5.1: Legend for the sedimentary logs found in Section 5.1.

5.1.1 Smalfjord Formation

The Smalfjord Formation is an alternation of mudstone and matrix-supported diamictite with some layers of pebbly sandstone (Figs. 5.2 & 5.3A). In some places the formation appears as a massive diamictite (Fig. 5.3B). In the outcrop shown in Fig. 5.2, bed thicknesses vary from a few cm to 1 m and the beds dip approximately 15° towards the southwest. The color of the rocks is gray. One of the beds is fining upwards from medium sand to silt (Fig.5.2B). The matrix of the diamictite consists of mudstone to coarse-grained sandstone, but dominantly fine sandstone. In the diamictite several clast lithologies are observed, including granitoids, quartz, gneisses, sandstones, dolomites, and oolites (e.g., Figs. 5.2C, D & 5.3C). Most of the clasts are subrounded to rounded, but there are also some subangular ones. The clasts vary in size with the most common clast diameter being from 1 to 3 cm, while the largest clasts observed have diameters of ~30 cm. The clast in Fig. 5.3A has a diameter of 26 cm and it appears to have sunk into the underlying beds of finer material. In Fig. 5.3C, a quartz clast is observed in a mudstone bed. This is interpreted to be a dropstone.

From the thin section (SMAL119263, Fig. 5.3D, E), one can see that the diamictite matrix is poorly sorted with the maximum grain size being medium sand and the minimum very fine silt. The grain shapes vary from subangular to well-rounded but are predominantly rounded. Quartz is the main grain type but there are also some plagioclase, micas, lithic fragments, and carbonate grains. There is ca. 70% matrix consisting of mainly calcareous mud. In the thin section, lamination is observed. There is one finer layer and one coarser layer, and in the fine-grained layer there are only a few sand grains (Fig. 5.3D, E).

The observed lithologies and structures in the Smalfjord Formation are consistent with previous sedimentary work related to the formation (e.g., Reading & Walker, 1966; Edwards, 1984; Rice et al., 2012), where the massive diamictite is interpreted to be subglacial deposits, while the finer layers of mudstone with local dropstones and beds of graded sandstone are interpreted to be glacio-marine deposits.

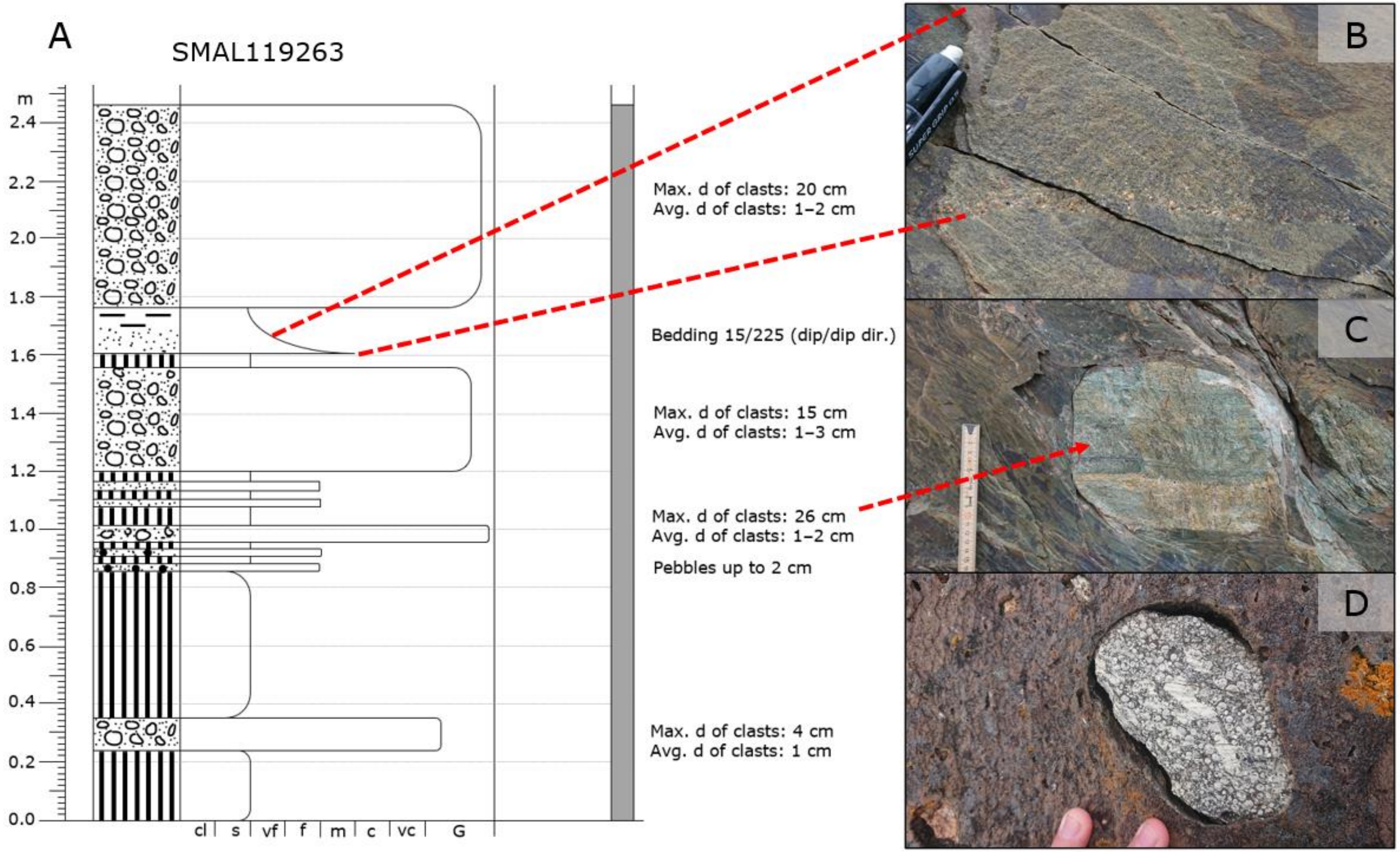


Figure 5.2: (A) Sedimentary log from the sampling site of sample SMAL119263. The vertical scale is in meters and the colored column to the right shows the color of the rock. (B) A layer that is fining upwards from medium sand to silt. (C) Clast with a diameter of 26 cm. (D) Carbonate clast with ooids from the sampling site of SMAL119273. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel, d – diameter.

Figure 5.3: (A) Photo from the sampling site of sample SMAL119263. A bed of diamictite is highlighted with red dotted lines. The large clast has sunk into the underlying mudstone layer. (B) Massive diamictite at the sampling site of sample SMAL119273. (C) Quartz clast in mudstone. (D & E) Fine-grained (D) and coarse-grained layer (E) observed in the thin section made from sample SMAL119263. Photos are taken in xpl.

5.1.2 Nyborg Formation

The Nyborg Formation consists of alternating sand-rich and mud-rich layers. The beds are typically a few cm up to 1 m thick. Sedimentary logs from two of the sampling localities and two additional road cuts are shown in Figs. 5.4 & 5.5. The fine-grained layers typically have a purple-red color, while the coarser-grained layers have a gray or light pink color. Some beds fine upwards from fine or medium sand to very fine sand (Figs. 5.4A, C, 5.5A & 5.6A). In Fig. 5.6A parts of a turbidite sequence are shown including Bouma A, B, and C. The ripples (Bouma C) in this layer give a paleocurrent direction towards north-northeast (026°). Many of the beds are planar laminated (Fig. 5.4E) and ripples and hummocky cross stratification are observed in the sand-rich layers (Figs. 5.4C, D & 5.6B, C). In some of the sandstone beds, there are rip-up clasts of mudstone as shown in Fig. 5.4B, C. The formation is folded around SW–NE-trending fold axes (Fig. 5.6D), which fits well with Caledonian deformation (Rice et al., 2012). The orientation of the bedding is affected by the folding. The beds dip approximately 30° towards the west in most of the examined outcrops.

The two thin sections (NYB119251 and NYB119256) are both dominated by medium silt. The grains are moderately to poorly sorted and the grain shapes vary between subangular and rounded. Quartz and micas are the main grain types observed. Lamination is seen in both samples. The dark red/purple color seems to be caused by oxides based on observations in reflected light.

The observed sedimentary structures in the Nyborg Formation are in agreement with previous work by Reading and Walker (1966) and Edwards (1984), who have interpreted the formation to be a shallowing-upwards, tidally influenced marine environment. The mud-rich layers indicate a quiet depositional environment, and the sand-rich layers are the result of turbidity currents as suggested by Reading and Walker (1966). The hummocky cross stratification and wave ripples observed in the Nyborg Formation are typically seen in shallow-marine environments (Pettijohn et al., 1987).

From the observations of the Nyborg Formation along the Tanafjord Road it appears that the easternmost outcrops are sandier than the western ones. There are more and thicker beds of sandstone in the southeastern outcrops (Fig. 5.5C). According to Edwards (1984), the grain size becomes finer, and the bed thickness decreases as one moves from Varangerfjord to Tanafjord (towards the northwest). This applies to Stage 2 in the Nyborg Formation, defined by Edwards (1984) as a quiet-water basin fill environment. This description from Edwards (1984) fits well with the observations made in this study.

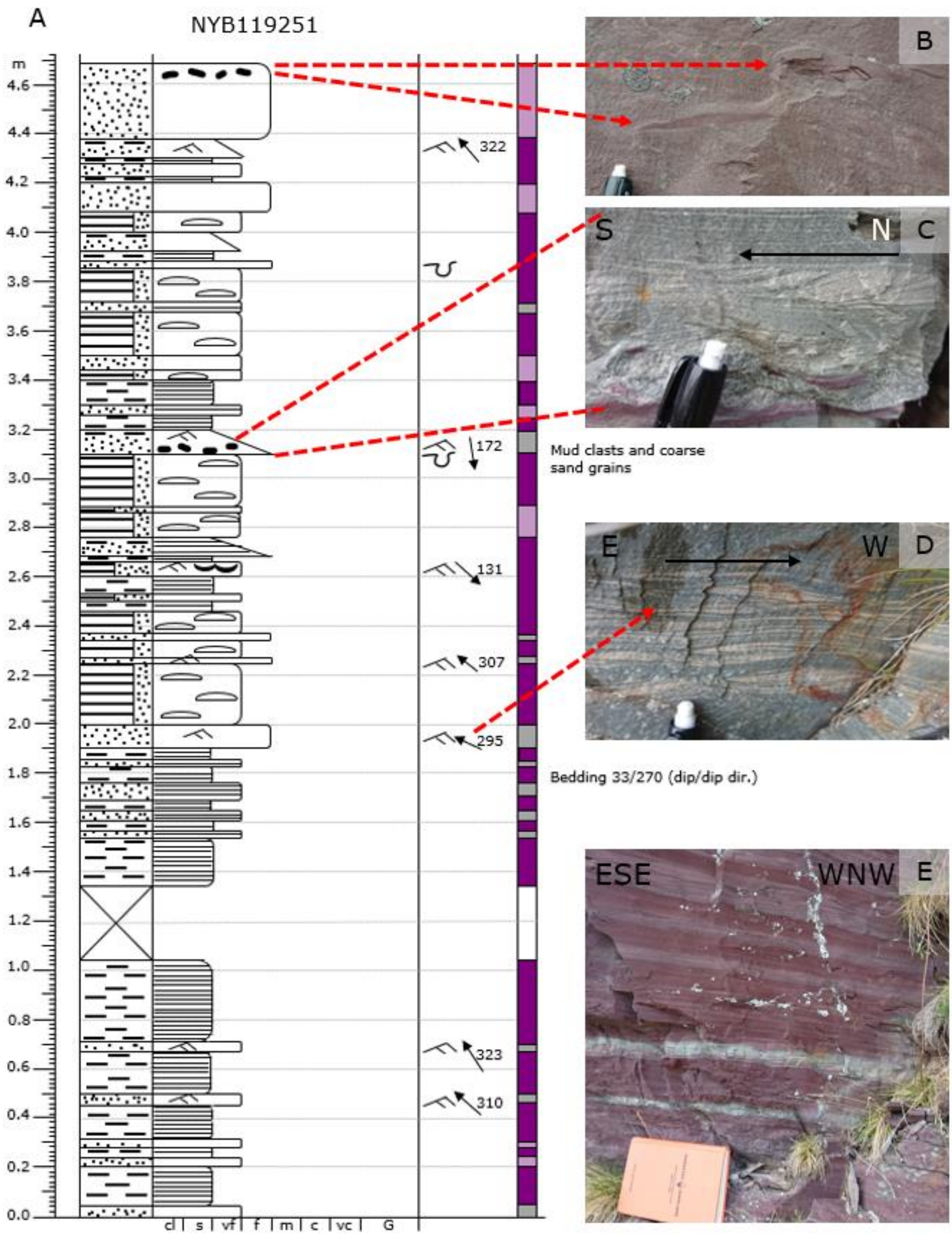


Figure 5.4: (A) Sedimentary log from the sampling locality of sample NYB119251. The vertical scale is in meters and the colored column to the right shows the colors of the rock. (B) Mud clasts in a 30-cm thick sandstone layer. (C) Sandstone bed with load casts at the base and rip-up clasts of mudstone. Ripples in the same layer indicate a paleocurrent towards south. (D) Ripple with foresets indicating a paleocurrent towards west-northwest. (E) Alternating mud-rich (purple) and sand-rich layers (gray and light pink). Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

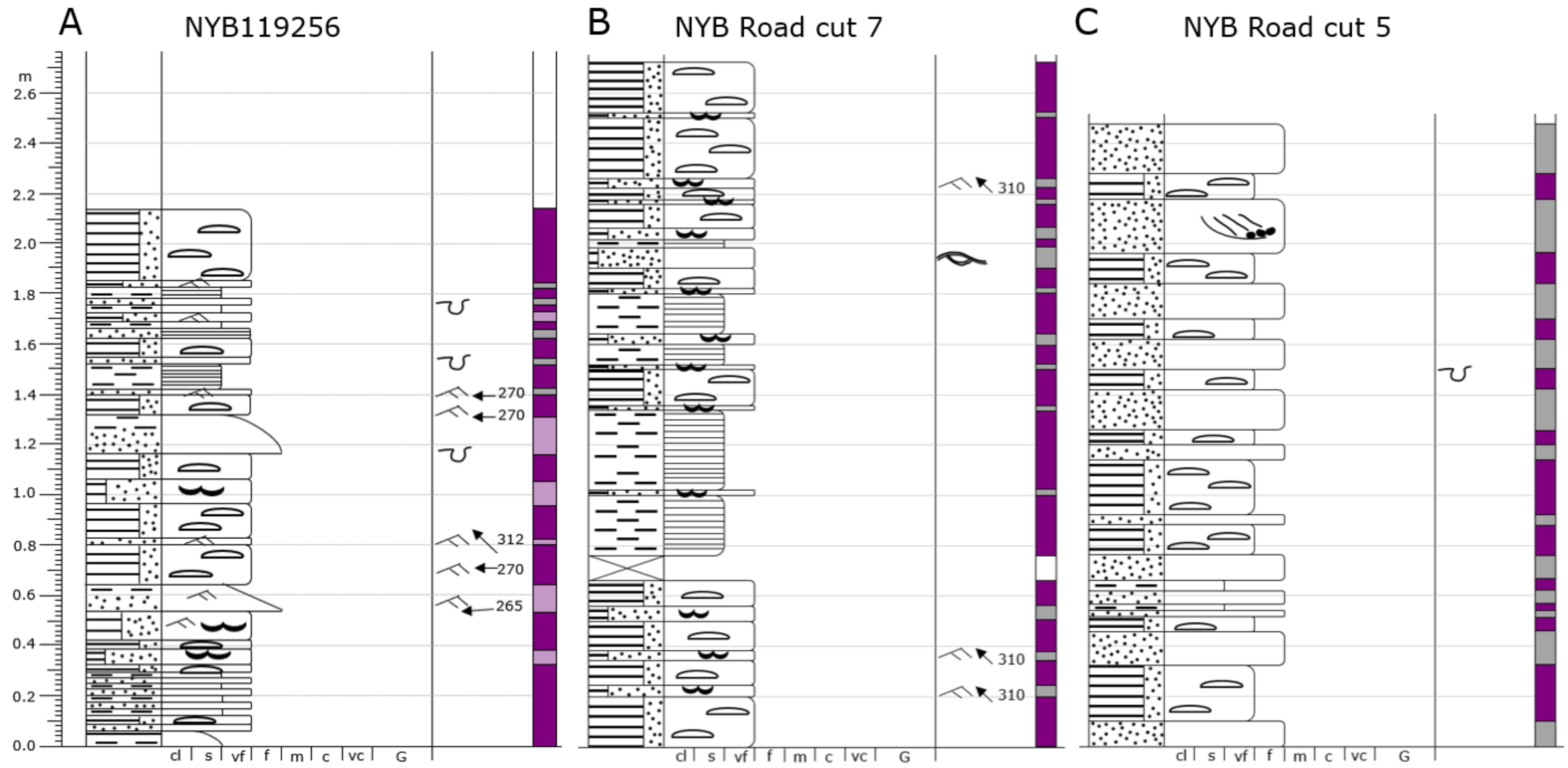


Figure 5.5: Sedimentary logs of the Nyborg Formation from (A) the sampling site of sample NYB119256, (B) road cut 7, and (C) road cut 5. The vertical scale is in meters and the colored column to the right shows the colors of the rock. NYB119256 is furthest to the west, while road cut 5 is furthest to the east. NYB119251 in Fig. 5.4A is between B and C in this figure. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

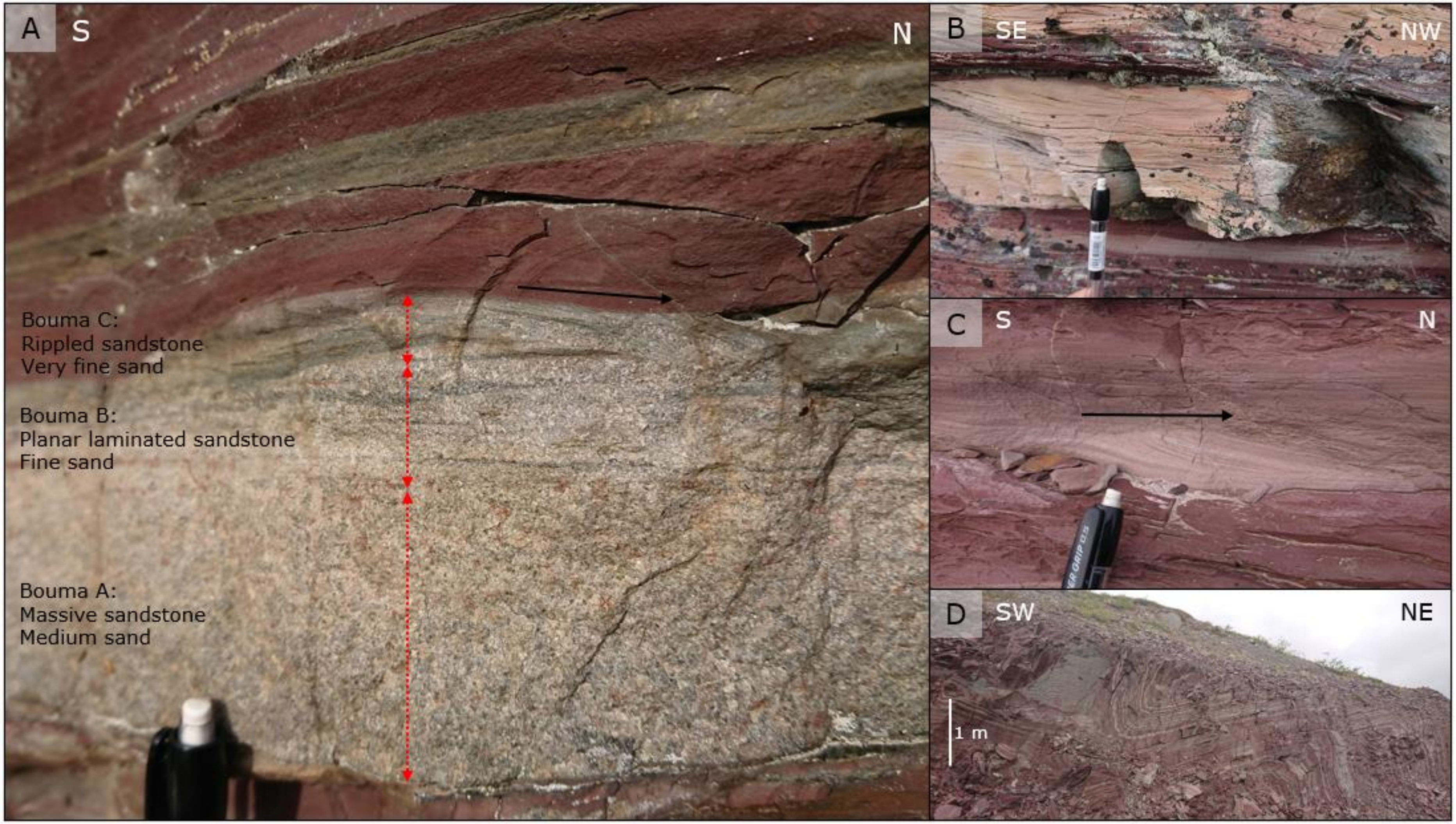


Figure 5.6: (A) A sandstone layer containing Bouma A, B, and C. (B) Hummocky cross stratification. (C) Ripple with foresets indicating paleocurrent towards north. (D) Folding of the formation in one of the outcrops.

In the Nyborg Formation, paleocurrent indicators such as ripples, dunes, flame structures, groove casts, and gutter casts were measured. A total of 68 structures were measured and they are all plotted in Fig. 5.7. Fig. 5.7A shows all the measurements that are unidirectional and a set of wave ripples that indicates movement in an E–W direction. The dominant paleocurrent from these observations is towards northwest. There is, however, some variation in the measurements and there are also indications of paleocurrents towards north, east, west, and a few towards south. The structures that indicate two possible flow directions are shown in Fig. 5.7B. The main trend from these observations is a paleocurrent either towards east-northeast or towards west-southwest. The data indicate that there is some variation in the paleocurrents in the Nyborg Formation, but that there is a predominantly northwesterly transport direction in the outcrops that were visited along the Tanafjord Road. For an overview of where the different measurements were taken, see Appendix 1.

The paleocurrent data obtained from the Nyborg Formation fit quite well with the existing literature (e.g., Reading & Walker, 1966; Banks et al., 1971; Edwards, 1984). The dominant trend is a transport direction towards northwest, which agrees with Edwards' (1984) observations for Stage 2. Banks et al. (1971) found that most paleocurrents were towards northeast, while Reading and Walker (1966) showed a predominant transport direction towards north.

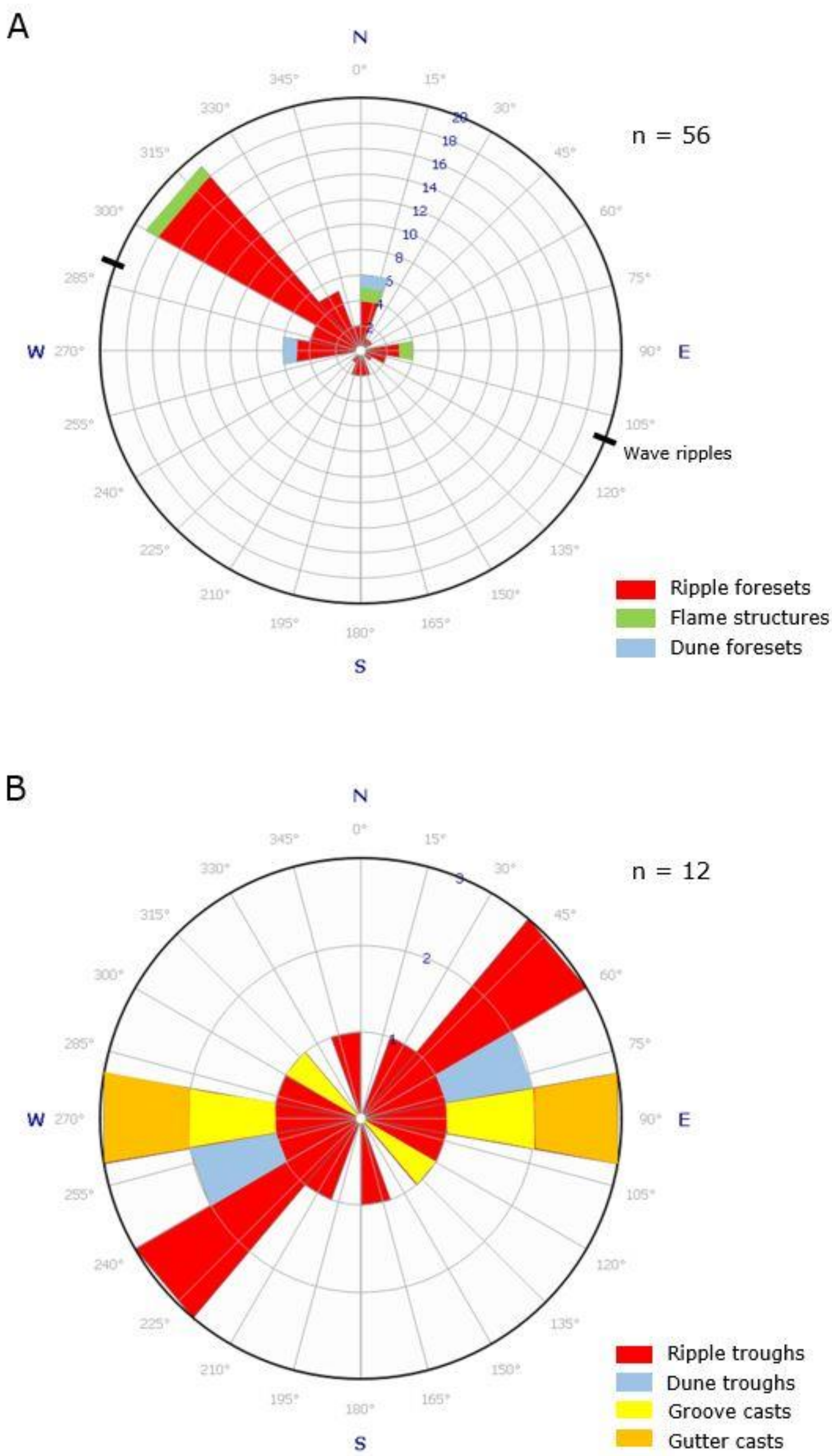


Figure 5.7: Paleocurrent measurements from the Nyborg Formation. (A) In total 56 measurements of ripple and dune foresets and flame structures. The E–W paleocurrent measured from a layer of wave ripples is also shown in the figure. (B) Twelve ripple and dune troughs, groove casts, and gutter casts were observed. They indicate two possible flow directions each, that are drawn in the rose diagram. n is the number of measurements.

5.1.3 Mortensnes Formation

The Mortensnes Formation consists mainly of massive matrix-supported diamictite as shown in Fig. 5.8A. The matrix consists of mainly fine- to medium-grained sand. Most of the clasts have diameters between 0.5 and 3 cm, but some are up to 0.5 m. Observed clast types are dolomite, oolite, granitoid, and gneiss (Fig. 5.8B, C). The clasts are mainly subrounded, but they can also be subangular to rounded. The diamictite was interpreted to be of glacial origin by Reading and Walker (1966) and Edwards (1984).

The thin section (MORT119254) shows that the diamictite is very poorly sorted with grain sizes ranging from granule to fine silt (Fig. 5.8D, E). The grains are subangular to well rounded. Quartz is the most abundant grain type. Other grain types are micas, lithic fragments, and plagioclase. The matrix consists of calcareous mud.

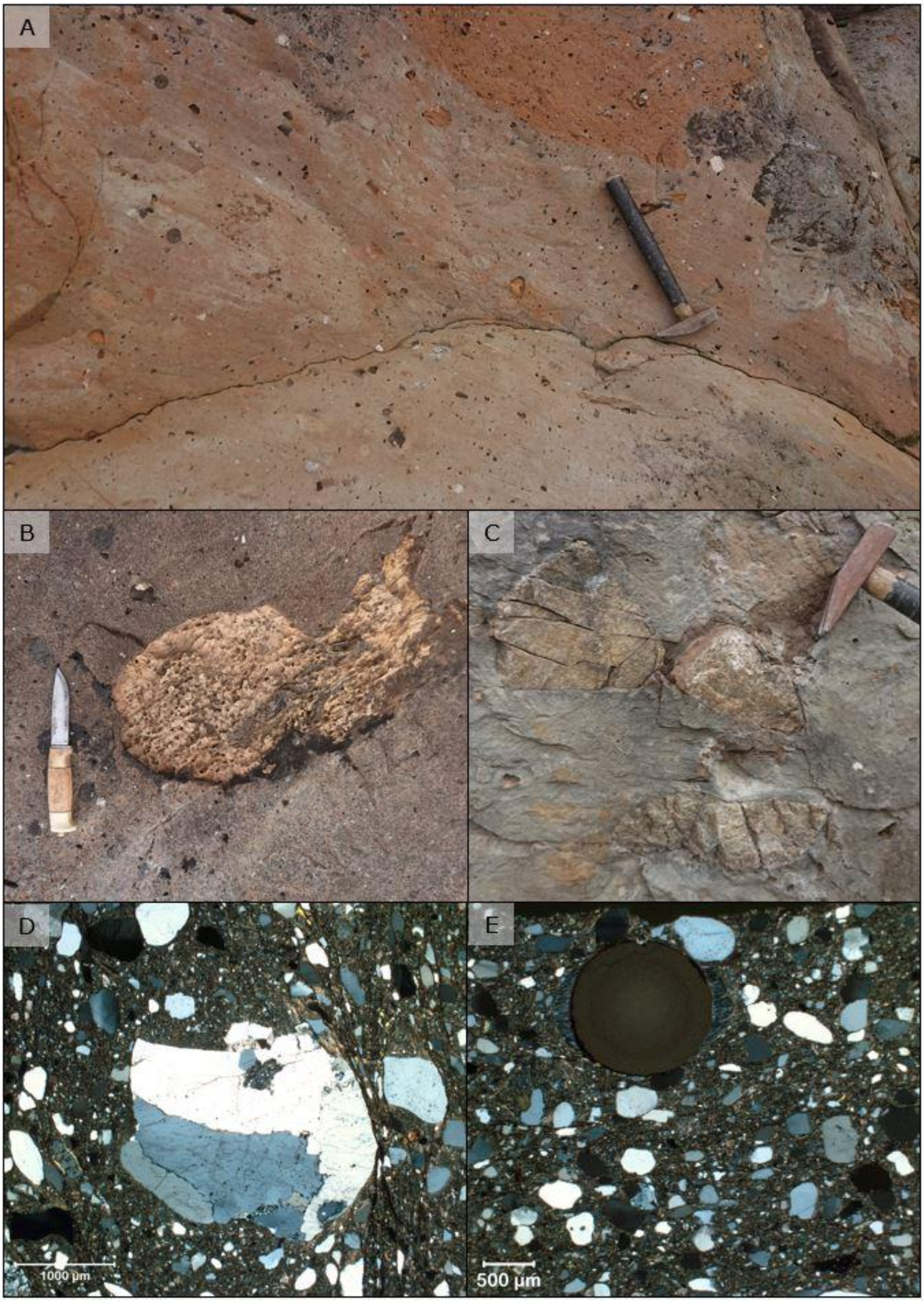


Figure 5.8: (A) Massive diamictite at the sampling site of MORT119265 and MORT119266. (B) Carbonate clast. (C) Granitic clasts. (D & E) Photos of thin section (MORT119254): Grains of various size from granule to fine silt, dominated by quartz. An ooid is shown in (E). The clasts are subangular to well rounded. Photos taken in xpl.

At a road cut along the Tanafjord Road the transition between the Nyborg Formation and the Mortensnes Formation was observed (Fig. 5.9). A sedimentary log from this outcrop is shown in Fig. 5.10A. At this outcrop the boundary between the two formations seems to be a gradual one without any unconformities. A partly overgrown ~0.8 m thick bed of sandstone separates alternating silt and sandstone beds in the Nyborg Formation from a bed of massive diamictite belonging to the Mortensnes formation. Edwards (1984) described the basal contact of the Mortensnes Formation as usually parallel to the underlying strata and that it shows brecciation or homogenization of the subjacent sediments. In the investigated outcrop, no evidence of brecciation or homogenization was observed. The size of the clasts within the diamictite increases away from the contact for 3.65 m until there is an interval with alternating layers of sandstone and siltstone (Fig. 5.10C). In these layers there are several clasts with diameters of 6–8 cm that seem to have sunk into the underlying layers of finer material (Fig.5.10D) and are interpreted to be dropstones.

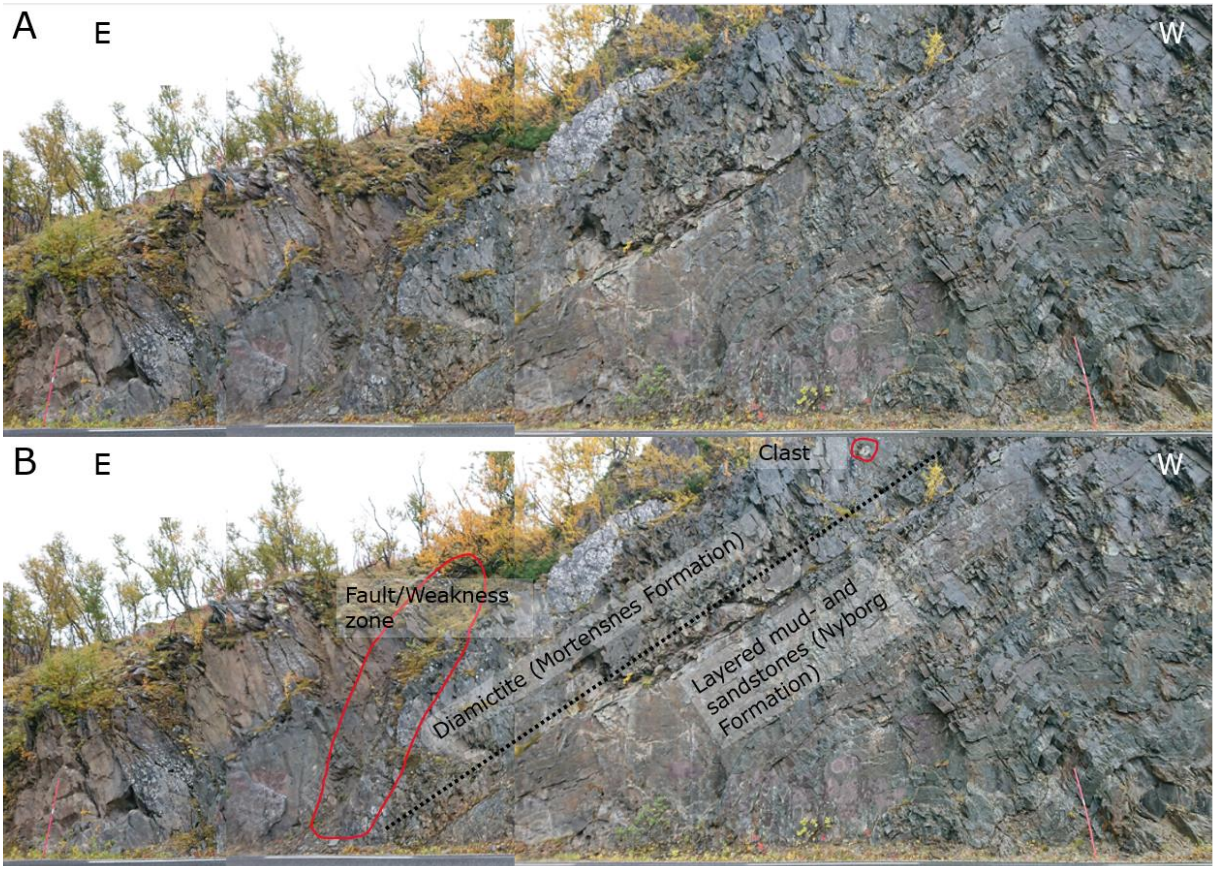


Figure 5.9: Photo from the outcrop where the transition between the Nyborg Formation and the Mortensnes Formation is observed. (A) Photo without annotations. (B) Photo with annotations.

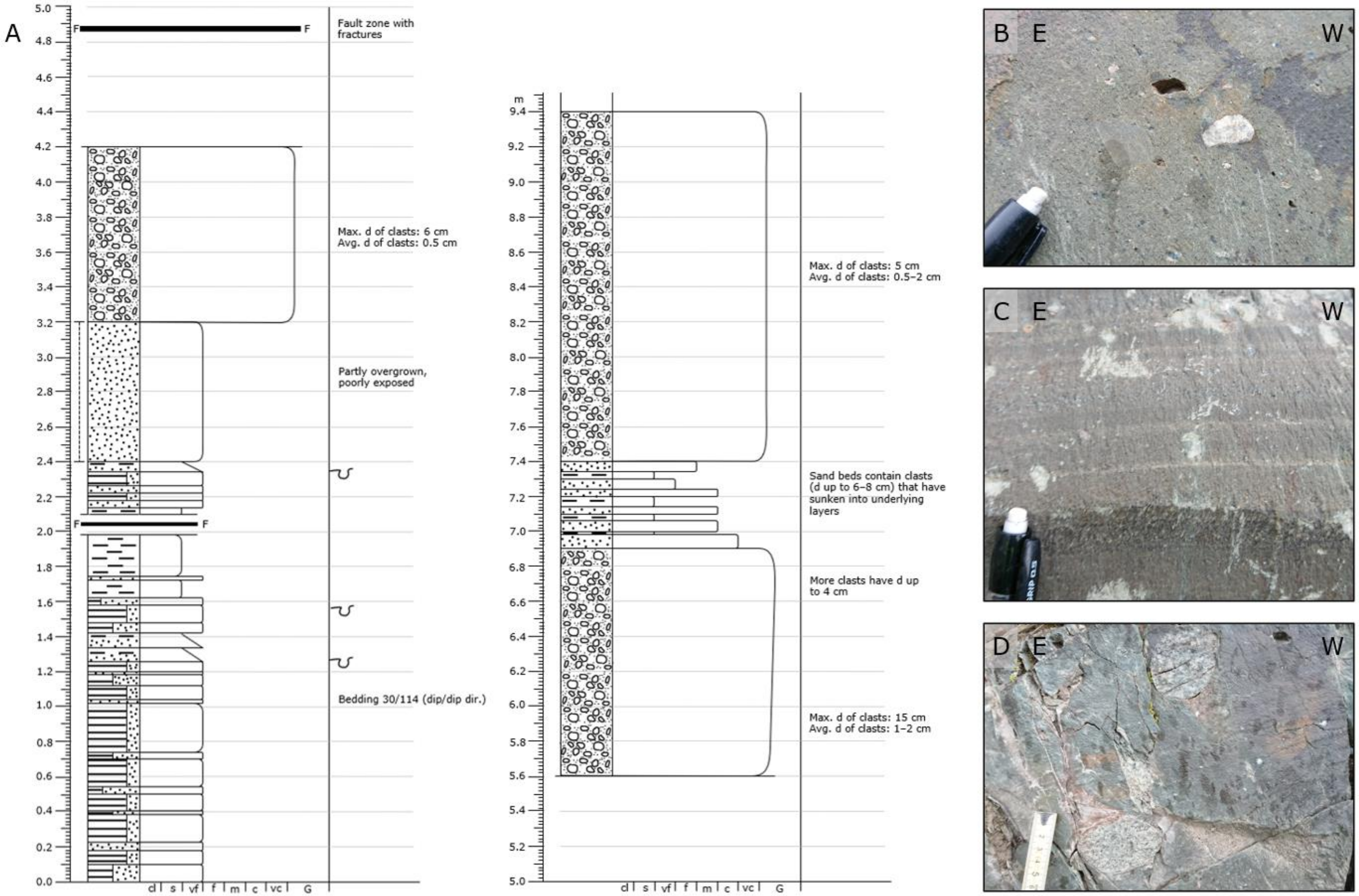


Figure 5.10: (A) Sedimentary log of the transition between the Nyborg Formation (alternating layers of sand- and siltstone) and the Mortensnes Formation (diamictite). The vertical scale is in meters. (B) Massive diamictite. (C & D) Finer layers in the diamictite. In (D) clasts have sunk into underlying layers. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel, d – diameter.

5.1.4 Stáhpogieddi Formation

The Stáhpogieddi Formation consists of three members: Lillevatnet, Innerelva, and Manndrapselva. All the members were described and sampled during the fieldwork. Each member is described below starting with the stratigraphically lowest member.

Lillevatnet Member

At the Digermul Peninsula, the Lillevatnet Member is a quartzite with sand grains that are fine to very coarse grained. At this locality, the bedding is penetrated by quartz veins and some of the beds might be recrystallized quartz. The color varies between light gray/yellow and dark gray as shown in Fig. 5.11A, B. The member looks quite different at the sampling site at Ifjordfjellet. Here, the member consists of alternating beds of shale (rusty) and sandstone (gray). Photos from this outcrop are shown in Fig. 5.11C, D and a sedimentary log of the outcrop is shown in Fig. 5.12. The beds dip approximately 45° towards the northwest. Due to recrystallization of quartz and generally poor, weathered, and overgrown outcrops, no sedimentary structures or paleocurrent indicators were observed. This makes it challenging to determine the depositional environment. However, the observed lithologies are consistent with previous work by Reading and Walker (1966), Banks et al. (1971), and Edwards (1984), that have described it as a prograding delta system into a quiet-water marine environment influenced by fluvial processes before a new transgression led to the development of a quiet-marine environment at the top of the member.

The thin section (STAL119260, Appendix 2) made from the Lillevatnet Member shows that the rock is a moderately sorted quartz arenite. The grain size is predominantly very fine sand and except from quartz, the sample consists of a few percent mica and plagioclase grains. The grain shapes are subangular to rounded.

Figure 5.11: (A & B) Quartzite at the sample site of STAL119267 at the Digermul Peninsula. (C & D) Shale bed and sandstone bed at the sampling site of STAL119260 at Ifjordfjellet.

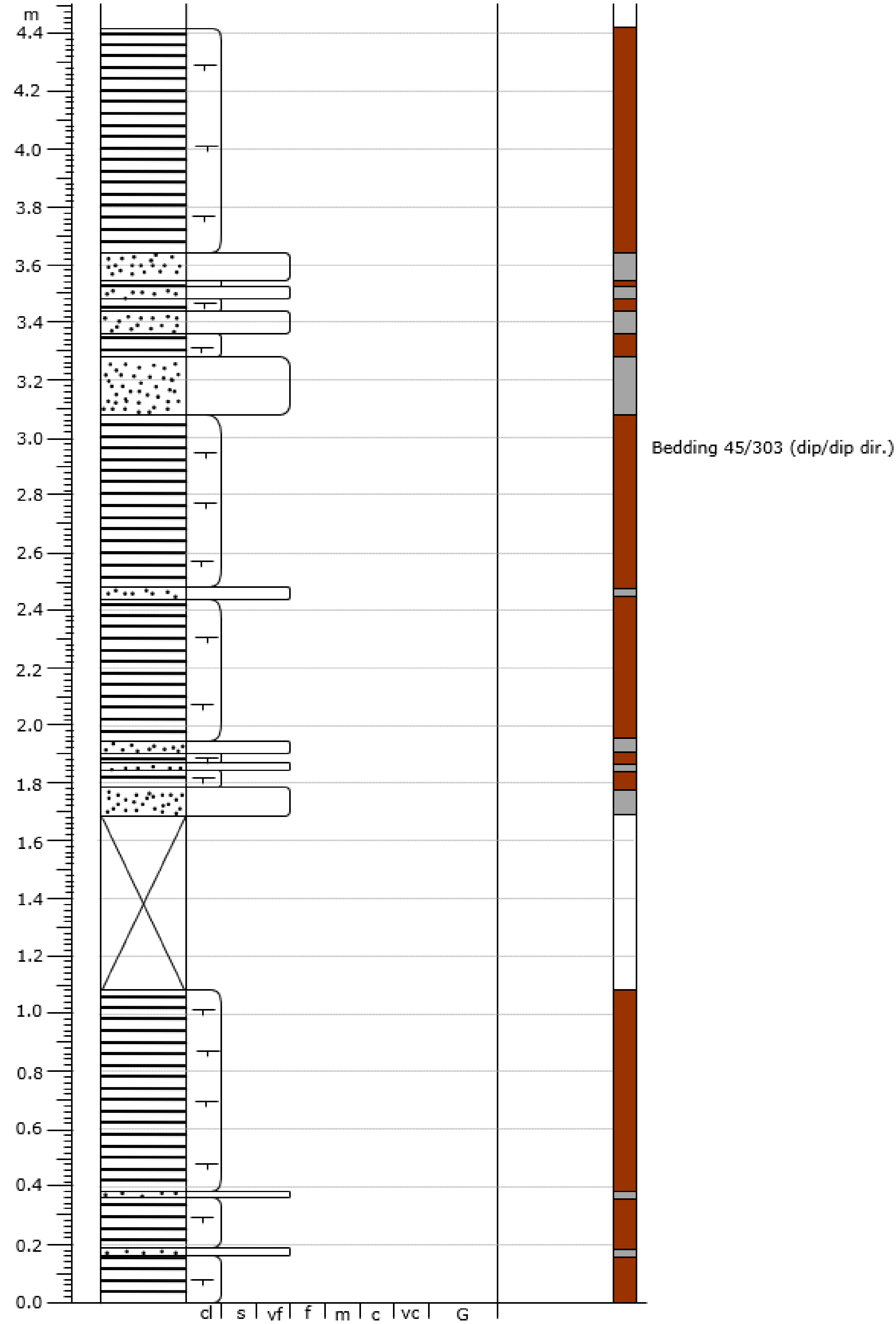


Figure 5.12: Sedimentary log from the sampling locality of sample STAL119260. The vertical scale is in meters and the colored column to the right shows the colors of the rock. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

Innerelva Member

The Innerelva Member of the Stáhpogieddi Formation consists of alternating layers of shale and sandstone at the two sampling sites at Ifjordfjellet and Digermul Peninsula. The outcrop at Digermul Peninsula consists predominantly of shaly mudstone beds with a few thin sandstone beds, while the outcrop at Ifjordfjellet is dominated by sandstone beds. The rocks have a red color with some gray layers in both outcrops. See Fig. 5.13 for a sedimentary log and photo from the sample site of STAI119257 at Ifjordfjellet. At Ifjordfjellet six additional sedimentary logs were made at road cuts within the member. Here, the rocks have a gray-green color. The amount of sandstone and mudstone varies between the different road cuts, but all of them are dominated by heterolithic bedding. Three of the logs are shown in Fig. 5.14, as well as some photos from the road cuts. The bedding dips either towards west or east, and a fold has a fold axis plunging weakly towards southwest, which correlates with Caledonian deformation and shortening towards southeast (Rice et al., 2012).

The thin section made from sample STAI119257 (Appendix 2) shows that the rock is a moderately sorted siltstone, with coarse silt as the dominating grain size. The grain shapes are subangular to rounded. Quartz is the main clast type, while mica, plagioclase, and opaque minerals constitute a few percent of the sample. From reflected light microscopy it is evident that the sample contains oxide minerals, which may be the cause of the red color of the rock.

The observations made at the sample site STAI119257 (Ifjordfjellet) do not seem to fit with the description of the Innerelva Member by Banks et al. (1971). It rather resembles the base of the Manndrapselva Member which consists of red sandstone (Banks et al., 1971). This sample was taken quite close to the mapped boundary between the two members (see Fig. 1.1), and it may therefore belong to the Manndrapselva Member.

The sample locality at Digermul Peninsula and the additional road cuts are in better agreement with Banks et al. (1971). The shaly mudstones at Digermul Peninsula are probably deposited in a quiet marine environment, while the heterolithic bedding observed in the additional road cuts at Ifjordfjellet might have been deposited in one of the periods with shallowing of the sea that led to more wave and current activity.

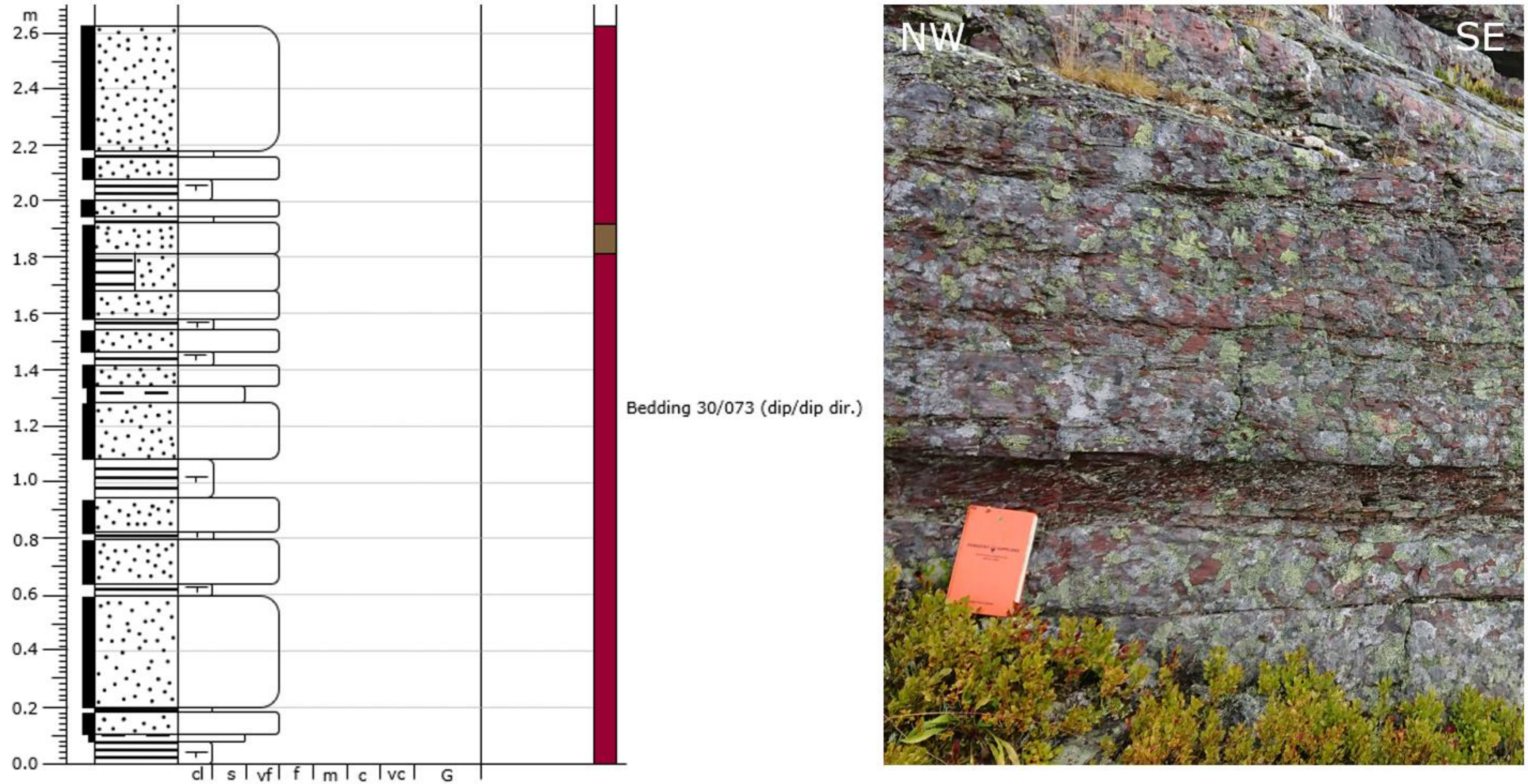


Figure 5.13: Sedimentary log and photo of the sampling locality of STAI119257. The outcrop consists of alternating red sandstone and shale. The vertical scale on the sedimentary log is in meters and the colored column to the right shows the colors of the rock. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

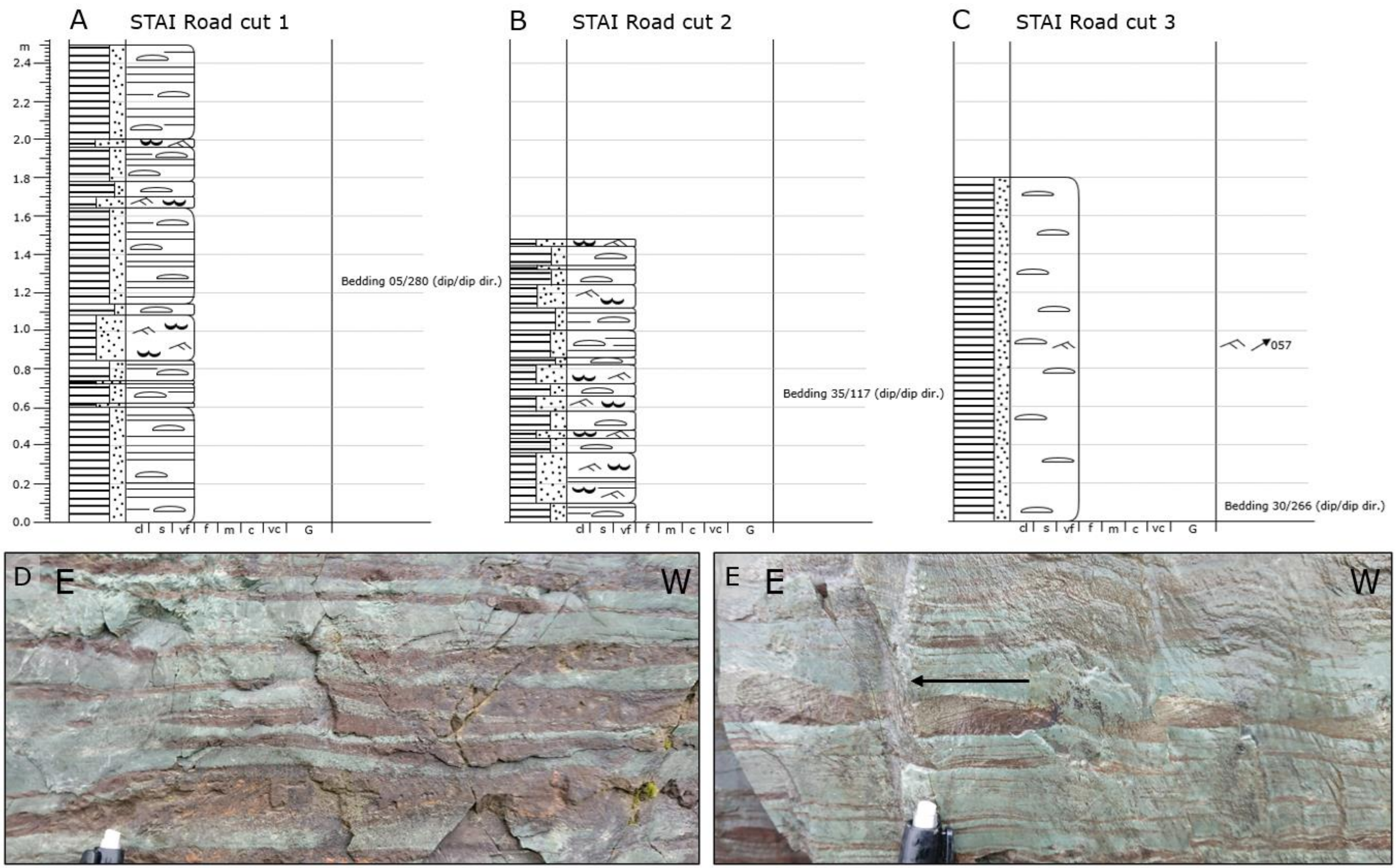


Figure 5.14: (A–C) Sedimentary logs from additional road cuts 1–3 in the Innerelva Member. The vertical scale on the sedimentary logs is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel. (D & E) Photos from the additional road cut localities. (D) Wavy bedding. (E) Lenticular bedding in lower part and wavy bedding in upper part. One of the sandstone beds has ripples that indicate a paleocurrent direction towards east.

Fifteen paleocurrent indicators were measured along the road cuts in the Innerelva Member of the Stahpogieddi Formation. All 15 are ripples, where 11 have foresets indicating one direction and four are troughs indicating two possible directions. An example of a ripple with foresets is shown in Fig. 5.14E. The measurements are shown in Fig. 5.15. From these observations, there are three dominant paleocurrent directions. They are towards the north-northwest, north, and east. Measurements by Banks (1973) are indicative of a predominantly easterly flow direction in the Innerelva Member, but with some variation, consistent with the results from this study.

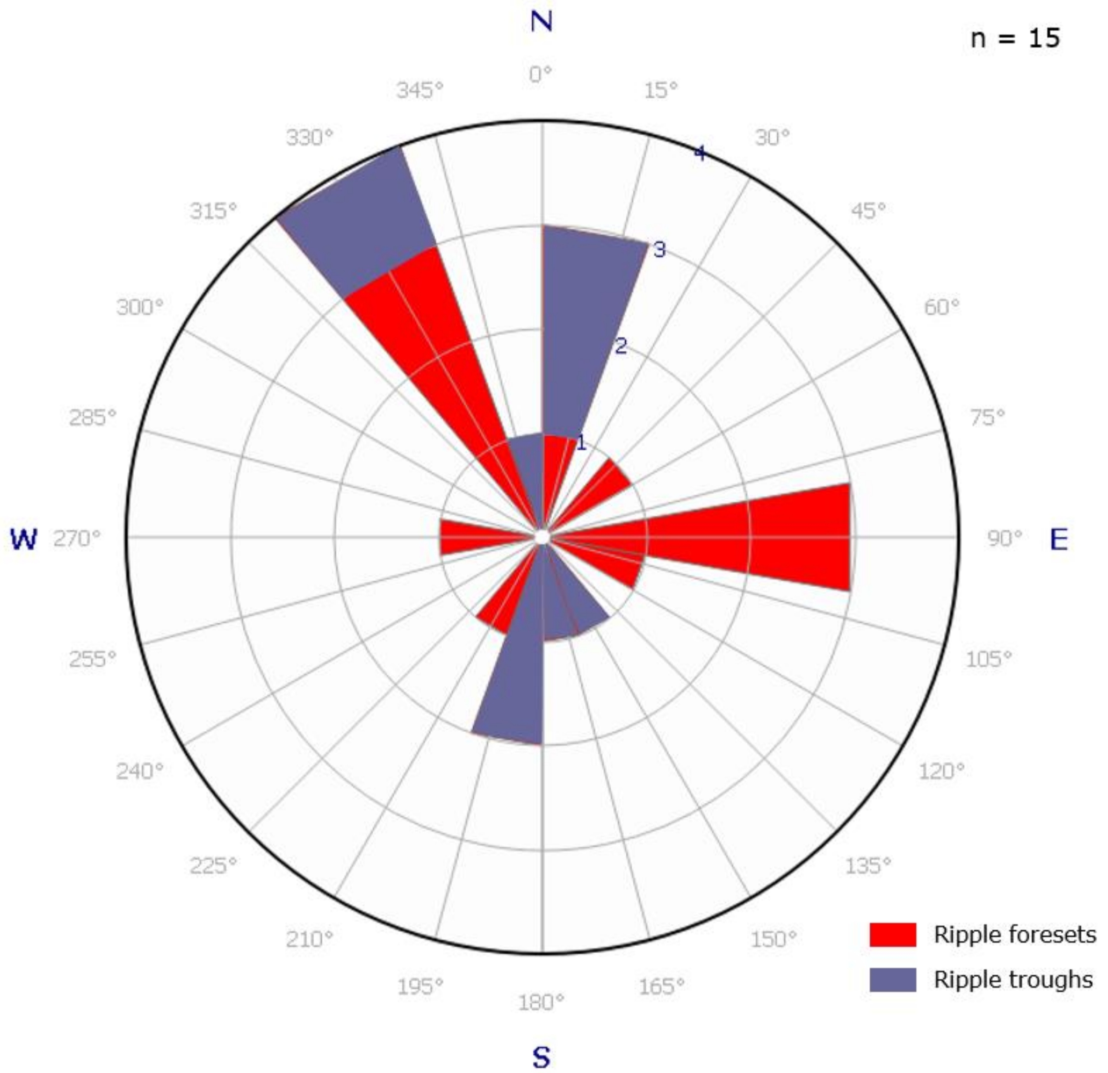


Figure 5.15: Paleocurrent measurements in the Innerelva Member of the Stáhpogieddi Formation. Ripple foresets indicate one direction, while ripple troughs indicate two possible directions. n is the number of observations.

Manndrapselva Member

The Manndrapselva Member of the Stáhpogieddi Formation consists mainly of heterolithic bedding with varying amounts of sandstone and mudstone, except for a two-meter-thick layer of quartzite at the sample locality of STAM021651. Three sedimentary logs were made, and they are shown in Fig. 5.16. The rocks generally have a gray-green color (Fig. 5.17), and the dip direction of the bedding varies between the different outcrops. At the base of the quartzite layer at STAM021651, pebbles and mud clasts are observed (Fig. 5.17A). Fig. 5.17B shows a channel shape at the sample site of STAM119258. In this outcrop the sandstone bed cuts the underlying heterolithic bedding. At Digermul Peninsula a red sandstone with bedding and lamination was observed at the base of the member. Higher up, the color of the sandstone changes to gray. Folds with SW–NE-trending fold axes were probably formed during the Caledonian Orogeny (Rice et al., 2012).

The two thin sections (STAM119258 and STAM119269) are both moderately sorted and dominated by fine to medium silt-sized grains. The grain shapes are subangular to rounded. The main grain type is quartz, but the samples also contain mica (muscovite and/or illite and chlorite). Only a few feldspar grains are observed, but it may have contained a larger quantity of feldspar that has been altered during seritization. In one of the thin sections (STAM119258), lamination is observed (Fig. 5.17D). There are alternating finer and coarser layers.

The observed lithologies in the Manndrapselva Member are consistent with the work of Banks et al. (1971), who interpreted this member as a mainly shallow-marine environment with two coarsening-upwards cycles.

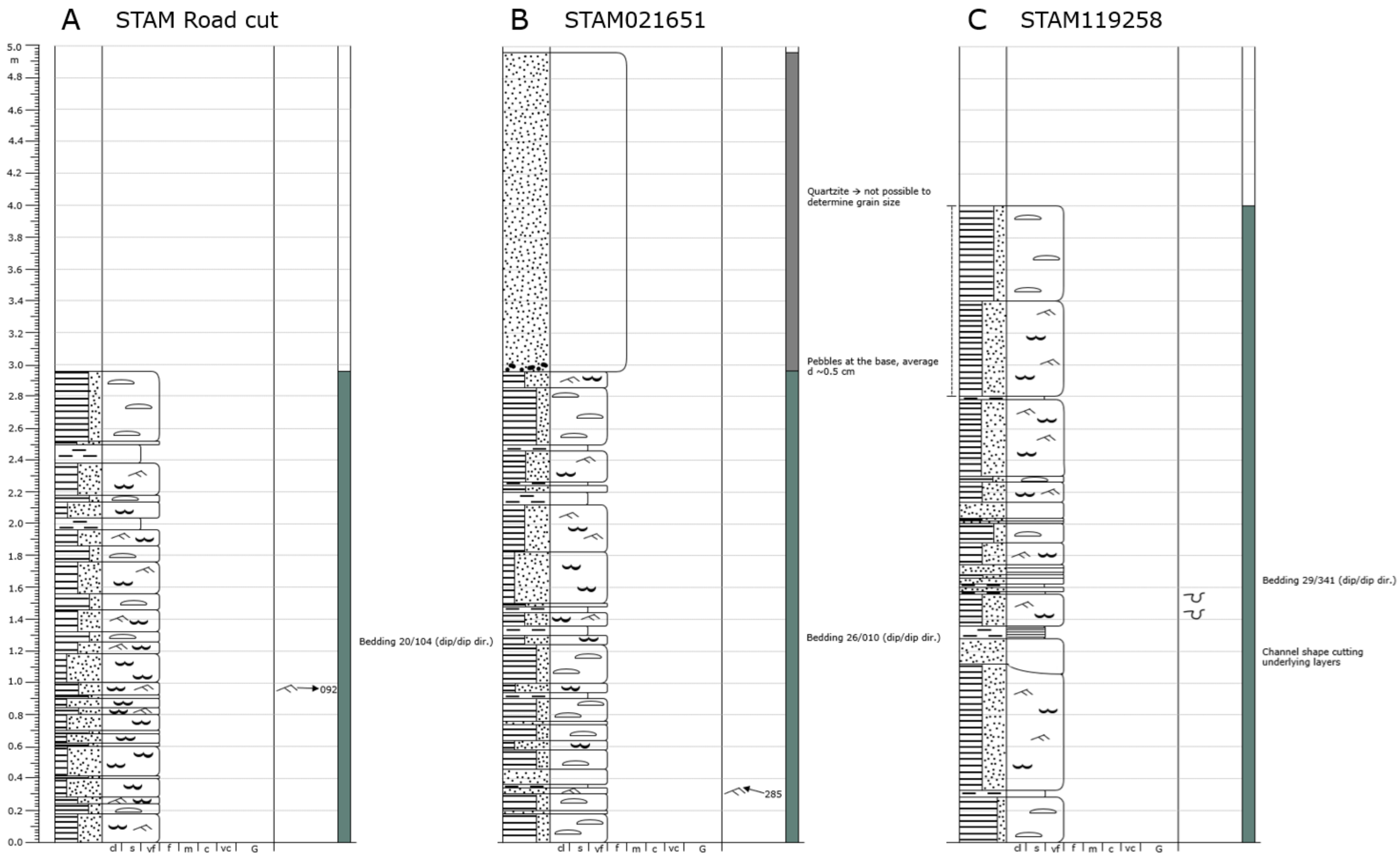


Figure 5.16: Sedimentary logs from three outcrop of the Manndrapselva Member. STAM Road cut is furthest to the east and STAM119258 is furthest to the west. The vertical scale is in meters and the colored column to the right shows the colors of the rock. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel, d – diameter.

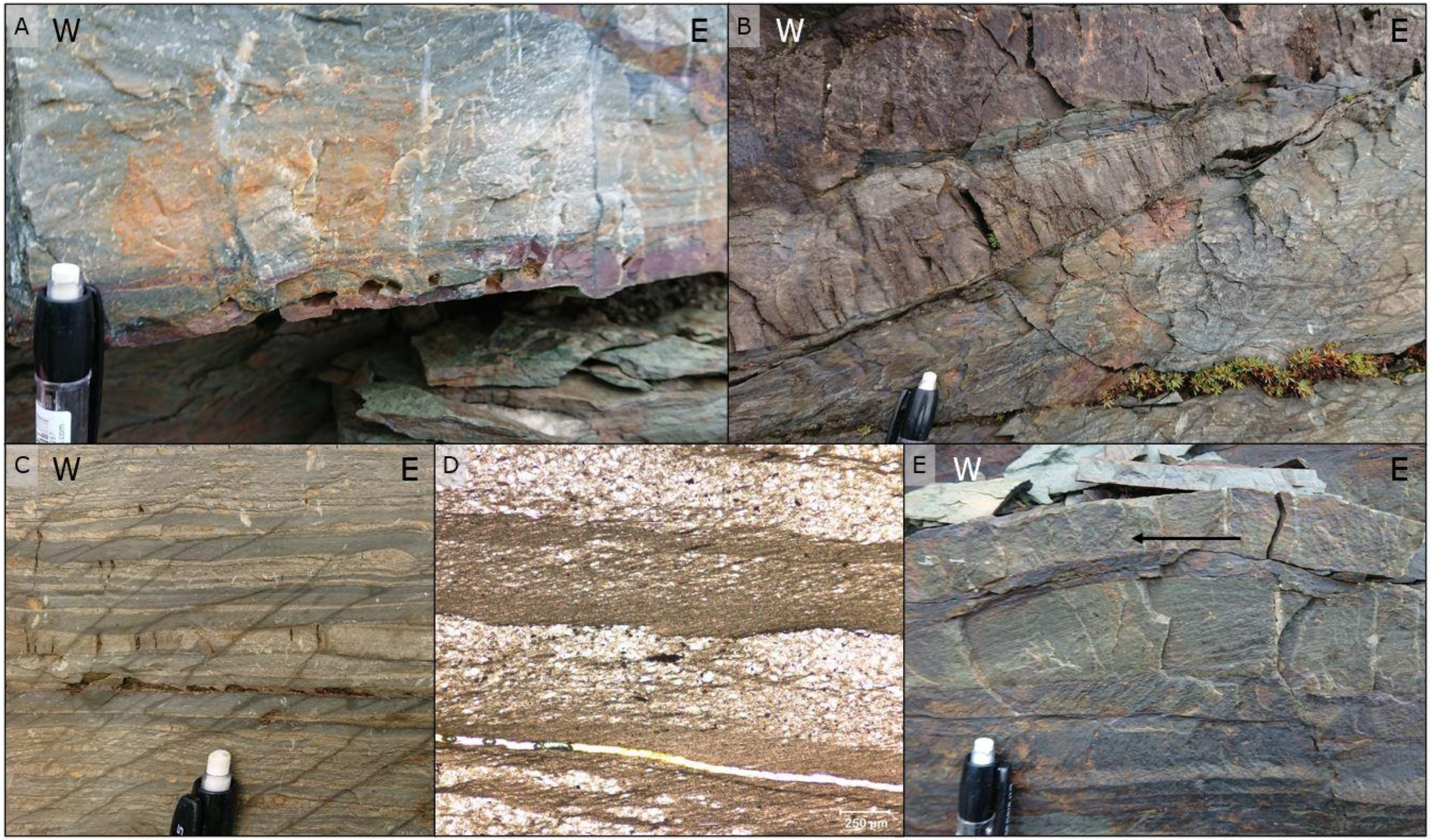


Figure 5.17: (A) Quartzite bed with lenses of purple mud and cavities where pebbles have fallen out or weathered away at the base. (B) Channel shape. The sandstone bed cuts the underlying heterolithic bedding. (C) Wavy bedding. (D) Lamination seen in thin section of sample STAM119258 in ppl. The finer layers appear to be rippled or foliated. (E) Ripple in a sandstone layer that indicates a paleocurrent towards west.

Only five paleocurrent indicators were measured in the Manndrapselva Member. They are plotted in Fig. 5.18. Three of the measurements indicate an easterly paleocurrent direction, while one is towards west-northwest and the last towards southwest. A photo of a ripple is shown in Fig. 5.17E. Due to the low number of measurements in this member it is difficult to see any trends or dominant flow directions. Banks et al. (1971) suggested a predominating southwesterly paleocurrent direction based on their measurements. This study does neither confirm nor contradict the observations of Banks et al. (1971).

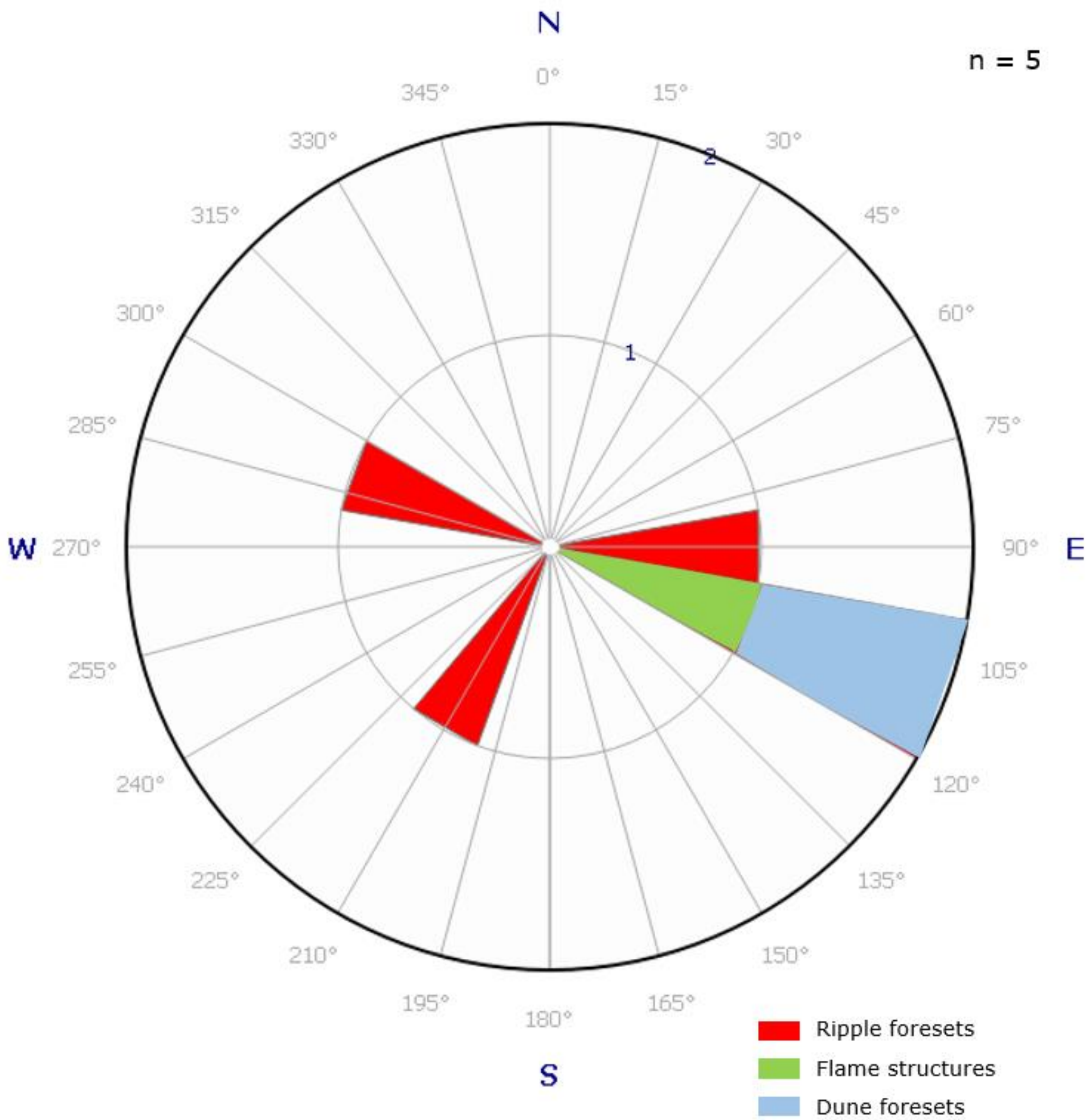


Figure 5.18: Paleocurrent measurements in the Manndrapselva Member of the Stáhpogieddi Formation. n is the number of observations.

5.1.5 Breidvika Formation

Three outcrops in the Breidvika Formation were logged, one sample locality and two additional road cuts (Fig. 5.19). The formation consists of heterolithic bedding, sandstone, and siltstone at Ifjordfjellet as shown in Figs. 5.19 & 5.20. The color of the rocks is mainly gray-green. A set of wave ripples indicative of flow in E–W-directions shown in Fig. 5.20A, was the only paleocurrent indicator seen in the formation. The bedding dips towards northeast and east in the logged outcrops, and folds have N–S and NE–SW-trending fold axes. The folding of the formation is consistent with Caledonian shortening towards southeast (Rice et al., 2012).

The thin section made from the sample from Ifjordfjellet (BREID119259, Fig. 5.20D) shows that the rock is a moderately sorted quartz arenite with subangular to well-rounded quartz grains. The sample is laminated with alternating layers of varying grain size (Fig. 5.20D).

At Digermul Peninsula, both the Lower and Upper members of the Breidvika Formation were sampled, and short descriptions were made. The Lower Member consists of a quartz-rich, light gray/beige, laminated sandstone, while the Upper Member consists of alternating beds of gray siltstone and laminated sandstone.

The two thin sections made from the samples from the Digermul Peninsula (BREID119270 and BREID119271) are moderately sorted siltstones with subangular to subrounded quartz grains. Quartz is the main grain type. In addition, a few percent of micas and opaque minerals are observed. BREID119270 has a rusty color pattern known as Liesegang (a secondary, diagenetic, sedimentary structure) shown in Fig. 5.20E. BREID119271 is laminated with layers of varying grain sizes.

The observations made in this study regarding lithologies and sedimentary structures agree with the work of Banks et al. (1971), who suggested a shallow-marine depositional environment followed by a quiet-marine basin setting for the Upper Member. Due to the lack of paleocurrent indicators in the visited outcrops on Ifjordfjellet, this study cannot confirm the predominant southwesterly transport direction found by Banks et al. (1971), who studied outcrops at the Digermul Peninsula.

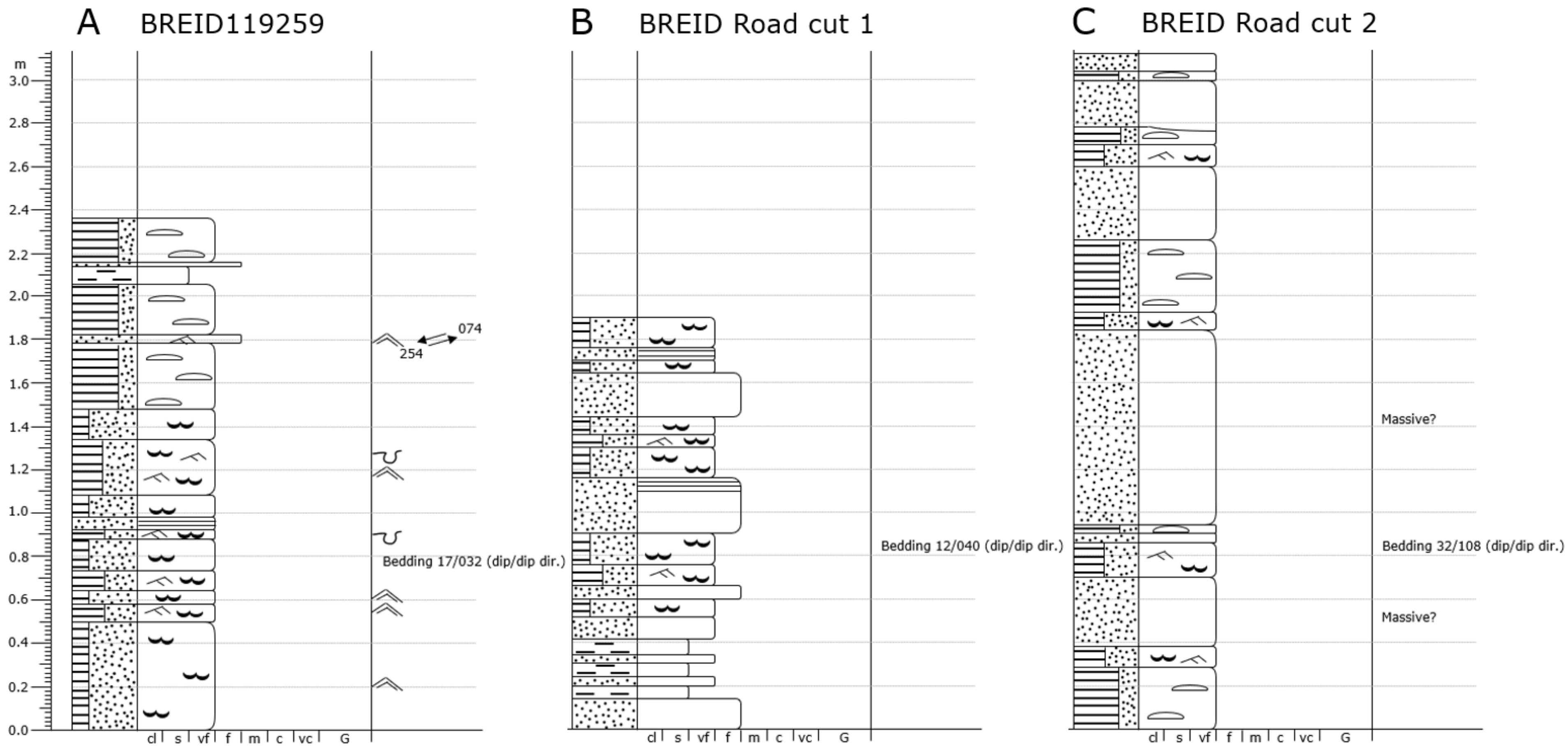


Figure 5.19: Sedimentary logs from three outcrops in the Breidvika Formation. BREID119259 is furthest to the west and BREID Road cut 2 is furthest to the east. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

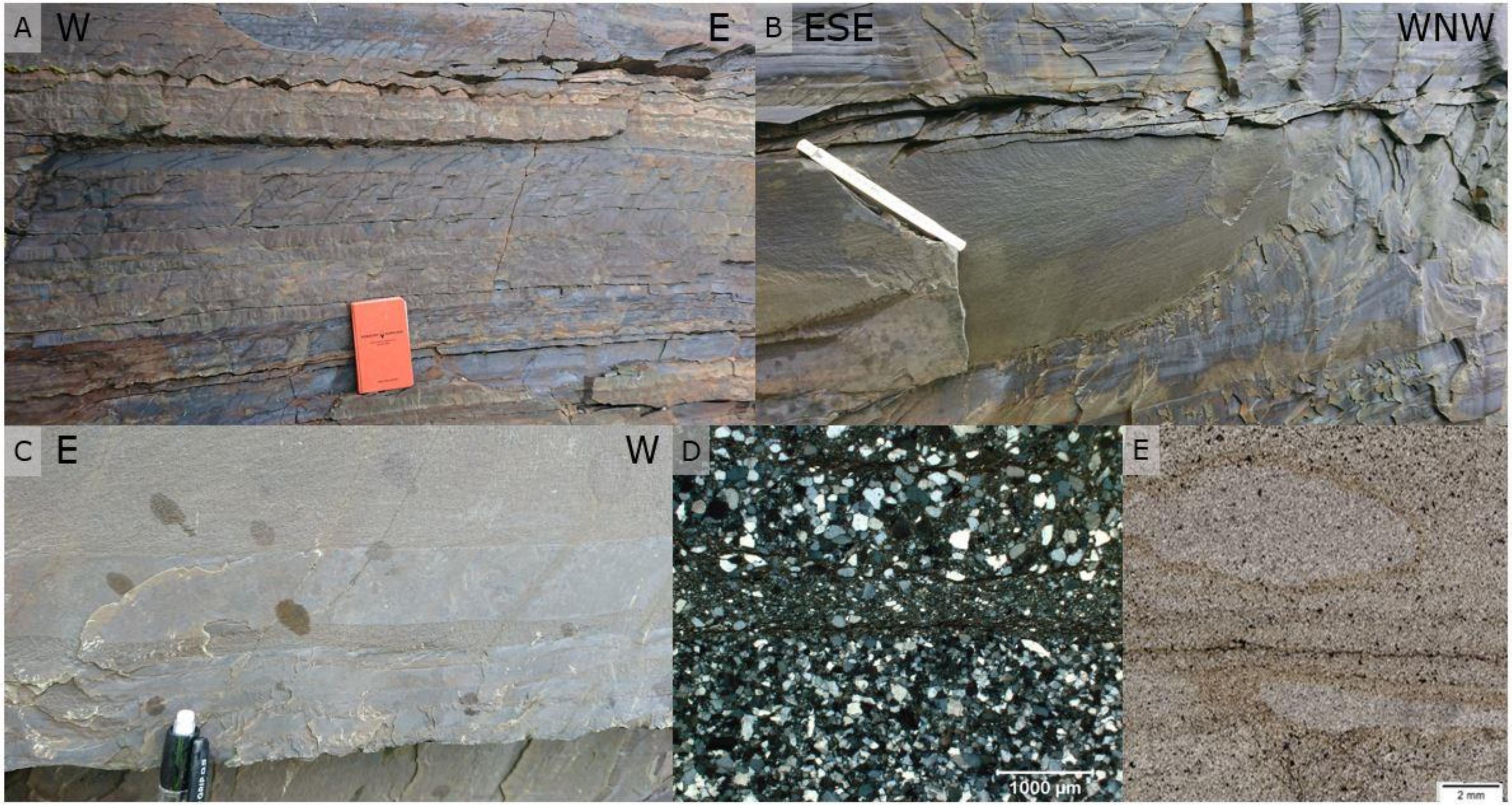


Figure 5.20: (A) Heterolithic bedding at the sample locality of BREID119259. (B) Channel shape in road cut 2. The measuring stick is ca. 25 cm long. (C) Lenticular bedding followed by alternating sandstone and siltstone beds in road cut 2. (D) Lamination in thin section BREID119259 (xpl). (E) Liesegang seen in thin section BREID119270 (ppl).

5.2 U–Pb ages and Lu–Hf compositions

In this section the U–Pb ages and Lu–Hf compositions of the samples are described. Section 5.2.1 summarizes the results from all the samples. Analyses with more than 10% discordance are excluded in the summary. Kernel density plots and histograms for all the samples are shown in Fig. 5.21 and Hf evolution plots in Figs. 5.22 & 5.23. Detailed descriptions for each sample are given in Sections 5.2.2–5.2.6. Figs. 5.24 & 5.25 show Tera-Wasserburg concordia plots of the analyzed zircons in this study. The map with all the sample localities is shown in Fig. 1.1 in Section 1.2. Sample information is given in Appendix 3 and BSE and CL images of the samples with laser spots are shown in Appendix 4. The data tables obtained from the U–Pb analyses are given in Appendices 5 and 6 for samples and standards, respectively. Appendices 7 and 8 contain the data tables from the Lu–Hf analyses of the samples (Appendix 7) and standards (Appendix 8).

5.2.1 Summary

Both detrital samples from the Smalfjord Formation have a predominant age range between 2000 and 900 Ma (Paleoproterozoic to early Neoproterozoic), and one also contains Neoarchean grains (Fig. 5.21). The maximum depositional ages calculated for the two samples have a ca. 40–50 Ma gap, being 966 ± 6 Ma for SMAL119273 and 922 ± 6 Ma for SMAL119263. The Hf isotopic values for the Archean grains vary between εHf_i +2 and -3.9, while the Paleoproterozoic to early Neoproterozoic grains vary between εHf_i +7.9 and -8.9, with most of them clustering between εHf_i +3 and -1 (Fig. 5.22).

The two samples from the Nyborg Formation yield the same age peaks at ca. 2850 Ma and 1920 Ma, and some grains in the interval between 1650 and 1400 Ma (Fig. 5.21). It is approximately 65 to 75 Myr between the calculated maximum depositional ages for the two samples, which are 1177 ± 7 Ma for NYB119256 and 1246 ± 7 Ma for NYB119251. The Hf isotopic values for the two samples also look similar, with most of the analyses found in the interval between εHf_i +3 and -5 (Fig. 5.22).

Both detrital samples from the Mortensnes Formation yield an Archean age peak and contain Paleoproterozoic to Mesoproterozoic grains (Fig. 5.21). However, in MORT119254 a larger proportion of the grains are Mesoproterozoic, with ages between 1400 and 1000 Ma. There is an approximately 110 Ma gap between the maximum depositional ages for the two samples, which are 1132 ± 18 Ma for MORT119266 and 1021 ± 4 Ma for MORT119254, calculated using the maximum likelihood age model. MORT119266 yields Hf isotopic values that are predominantly subchondritic, with the lowest value εHf_i -10.5, while the Hf isotopic values for MORT119254 range from superchondritic to subchondritic without any dominant trends (Fig. 5.22). The granite clast (MORT119265) yielded a crystallization age of 2746 ± 4 Ma ($^{207}Pb/^{206}Pb$ age; Fig. 5.26) and show a median εHf_i value of -0.4 (Fig. 5.22).

The two samples from the lowest member (Lillevatnet) of the Stáhpogieddi Formation have the same significant age peaks at ca. 2700 Ma, ca. 2450 Ma, and ca. 1900 Ma (Fig. 5.21). One of the samples (STAL119260) also contains a few Mesoproterozoic grains. The Archean grains in the samples from the Lillevatnet Member give Hf isotopic values ranging from superchondritic εHf_i +3.6 to subchondritic εHf_i -5.4 (Fig. 5.23). The early Paleoproterozoic grains are subchondritic ranging from εHf_i -0.6 to -5.9. The rest of the Paleoproterozoic grains show a greater spread in values from superchondritic εHf_i +7.4 to subchondritic εHf$_i$ -16.6. The Mesoproterozoic grains in STAL119260 are predominantly superchondritic with a maximum εHf$_i$ of +6.6.

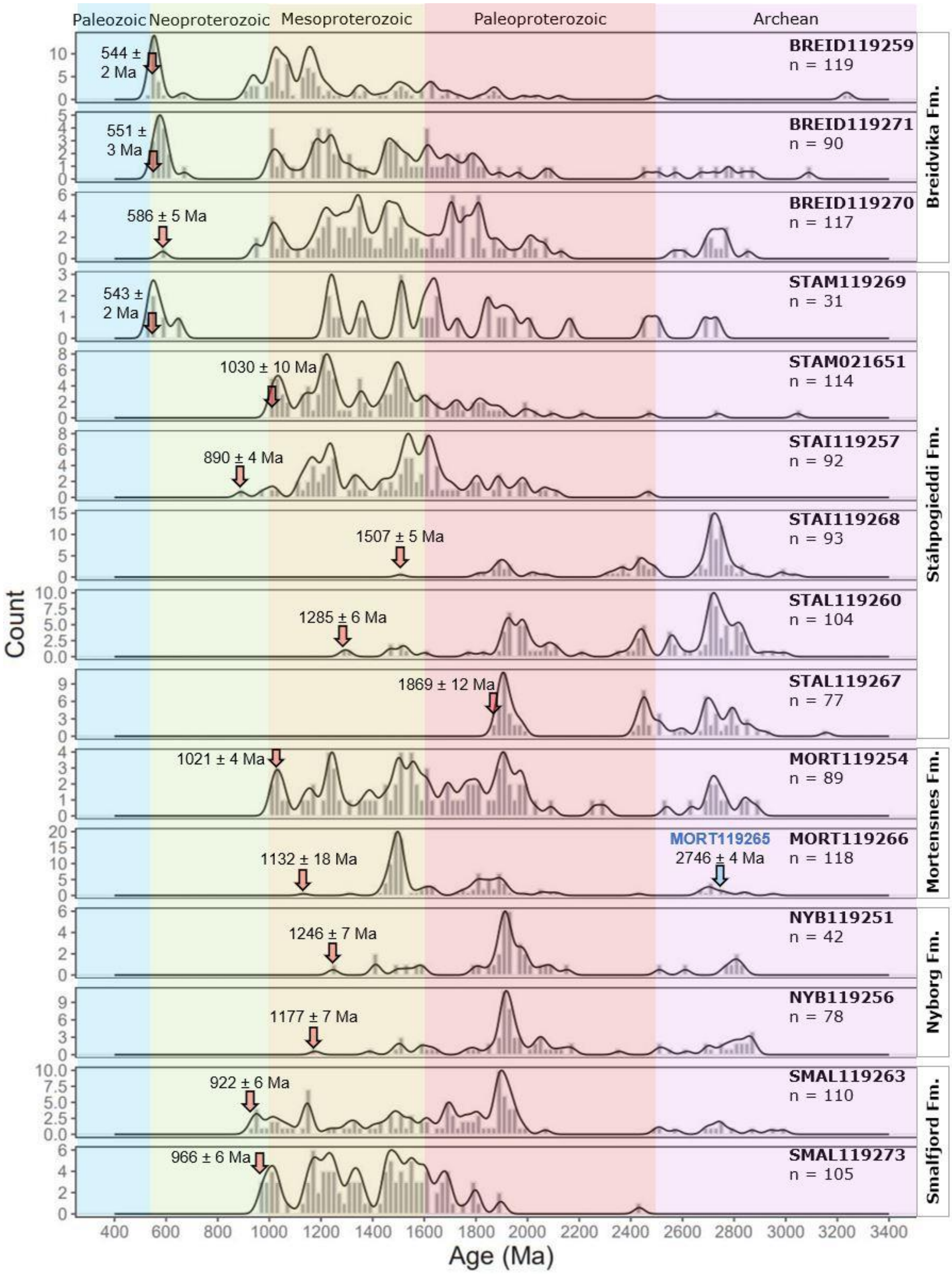


Figure 5.21: Kernel density plots and histograms of the samples analyzed in this study. Red arrows denote maximum depositional age for each sample, based on the maximum likelihood age model. The blue arrow in MORT119266 denotes the age of the granitic clast (MORT119265) from the same locality. n is the number of concordant (<10% discordant) analyses.

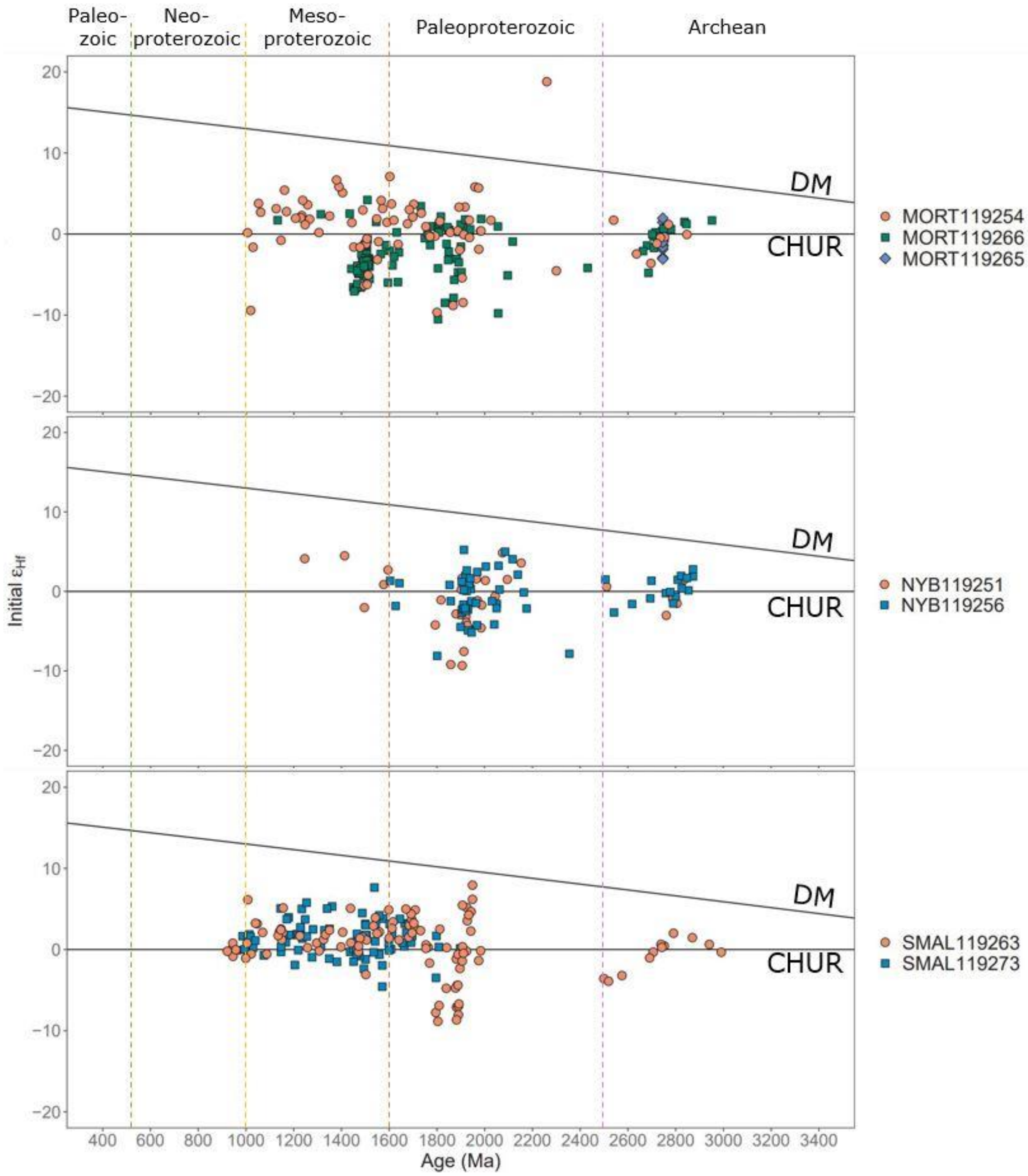


Figure 5.22: Hf evolution plots for the samples from the Smalfjord, Nyborg, and Mortensnes formations. Abbreviations: DM – depleted mantle, CHUR – Chondritic Uniform Reservoir.

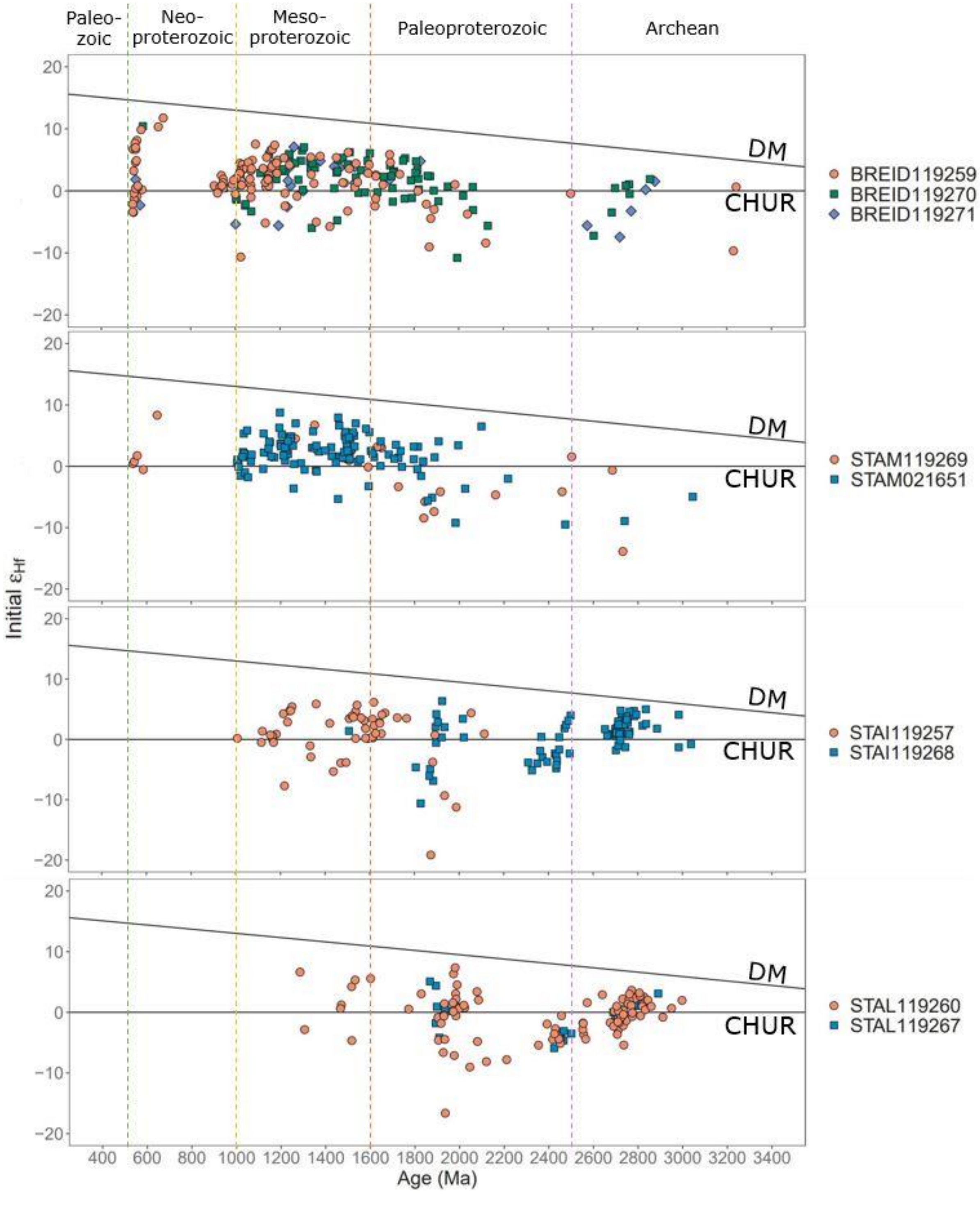


Figure 5.23: Hf evolution plots for the samples of the Stáhpogieddi and Breidvika formations. Abbreviations: DM – depleted mantle, CHUR – Chondritic Uniform Reservoir.

The age distributions from the two samples of the middle member (Innerelva) of the Stáhpogieddi Formation are different (Fig. 5.21). STAI119268 resembles the samples from the Lillevatnet Member, with age peaks at ca. 2700 Ma, ca. 2400 Ma, and ca. 1900 Ma. The maximum depositional age for this sample is 1507 ± 5 Ma based on the maximum likelihood age model. STAI119257 yield ages within the interval between 2110 Ma and 890 Ma with significant age peaks at 1650–1500 and ca. 1200 Ma (Fig. 5.21). The maximum depositional age calculated based on the maximum likelihood age model is 890 ± 4 Ma.

The Hf isotopic values for STAI119268 also resemble the results from the Lillevatnet-samples (Fig. 5.23). The Archean grains are predominantly superchondritic, ranging from εHf_i +5 to -1.8. The early Paleoproterozoic grains are mostly subchondritic, but six analyses are superchondritic. The rest of the Paleoproterozoic grains range from superchondritic εHf_i +6.3 to subchondritic εHf_i -10.6. For STAI119257 the grains at ca. 1900 Ma range from superchondritic εHf_i +4.4 to subchondritic εHf_i -19.1. The rest of the Paleoproterozoic and Mesoproterozoic grains are predominantly superchondritic.

The two samples from the uppermost member (Manndrapselva) of the Stáhpogieddi Formation both contain a few Archean and early Paleoproterozoic grains and most of the analyses are between 2200 and 1200 Ma (Fig. 5.21). STAM021651 has an age peak at ca. 1050 Ma and a maximum depositional age of 1013 ± 10 Ma, while STAM119269 has an age peak at 650–540 Ma and a maximum depositional age of 543 ± 2 Ma. The age distributions seen in the Manndrapselva Member resemble the one observed for STAI119257. As discussed in Section 5.1.4, it is possible that STAI119257 was sampled from the base of the Manndrapselva Member rather than the Innerelva Member. The age spectrum also supports assigning this sample to the Manndrapselva Member and it is possible that inaccuracies in the maps used for sampling resulted in misidentification of stratigraphic level.

The Hf isotopic values for the Manndrapselva samples are predominantly subchondritic for the Archean and early Paleoproterozoic analyses and predominantly superchondritic for the rest of the Paleoproterozoic and Mesoproterozoic analyses (Fig. 5.23). The analyses within the Ediacaran age peak in STAM119269 are also mostly superchondritic.

The three samples from the Breidvika Formation contain mainly Paleoproterozoic and Mesoproterozoic grains with ages from 2100 to 1000 Ma (Fig. 5.21). In addition, they all have Archean and Neoproterozoic grains. BREID119270 and BREID119271 contain more Archean grains than BREID119259. BREID119271 and BREID119259 have a significant age peak at 600–540 Ma, while BREID119270 only contains one grain in this age interval. The maximum depositional ages for the three samples, based on the maximum likelihood age model, all lie in the interval between 590 and 540 Ma.

The Hf isotopic values for the Archean grains in the Breidvika Formation range from superchondritic εHf_i +1.9 to subchondritic εHf_i -9.7 (Fig. 5.23). The Proterozoic grains are predominantly superchondritic. The Paleoproterozoic and Mesoproterozoic grains range from superchondritic εHf_i +7.5 to subchondritic εHf_i -10.8, while the late Neoproterozoic grains range from superchondritic εHf_i +11.7 to subchondritic εHf_i -3.5.

5.2.2 Smalfjord Formation

SMAL119273, diamictite matrix

This sample is from the Smalfjord Formation and is located at Sommarneset between Vestertana and Tarmfjorden (Fig. 1.1). The rock type is a diamictite, and this sample consists mainly of matrix with a few smaller clasts in it.

120 zircon grains were analyzed from this sample. The zircons are from 50 to 200 µm and display a range of shapes and internal textures. Most grains are rounded prismatic, equidimensional, or irregularly shaped, with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. Three stubby, prismatic grains have a well-preserved crystal shape (grains 14, 16, and 43, Appendix 4). The analyses are dominantly concordant to normally discordant; fourteen analyses that are more than 10% discordant

are excluded from further discussion (Fig. 5.24). The rest of the analyses (n = 105) yield an age range between 1900 and 960 Ma with significant age peaks at 1900–1440 Ma (52 grains), 1380–1140 Ma (38 grains), and 1080–960 Ma (14 grains) shown in Fig. 5.21. One analysis gives a Paleoproterozoic age of 2433 Ma. The analyses yield a maximum depositional age of 966 ± 6 Ma based on the maximum likelihood age model of Vermeesch (2021).

The Hf isotopic values range from superchondritic with a maximum εHf_i of +7.7 at 1538 Ma to subchondritic with a minimum εHf_i of -4.6 at 1571 Ma (Fig. 5.22). Most of the ages are late Paleoproterozoic to late Mesoproterozoic and cluster around εHf_i +1.

SMAL119263, diamictite matrix

This sample is from the Smalfjord Formation in Vestertana (Fig. 1.1). The rock type is a diamictite, and this sample is taken from the matrix. The matrix consists of mainly quartz grains surrounded by calcareous mud.

122 zircon grains were analyzed from this sample. The grains are small, typically <100 μm and display a range of shapes and internal textures. Most grains are rounded prismatic, equidimensional, or irregularly shaped, with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are dominantly concordant to normally discordant; eleven analyses that are more than 10% discordant are excluded from further discussion (Fig. 5.24). The rest of the analyses (n = 110) yield two age intervals between 2990 and 2500 Ma (12 grains) and between 2070 and 920 Ma (98 grains) with significant age peaks at 1980–1880 Ma (27 grains), 1770–1670 Ma (14 grains), 1560–1400 Ma (15 grains), 1160–1140 Ma (8 grains), and 1090–950 Ma (13 grains) shown in Fig. 5.21. The maximum depositional age for this sample is 922 ± 6 Ma based on the maximum likelihood age model.

For the Archean grains, the Hf isotopic values range from superchondritic with highest εHf_i of +2 at 2791 Ma to subchondritic εHf_i -3.9 at 2519 Ma (Fig. 5.22). For the Paleoproterozoic to early Neoproterozoic grains, the range is from εHf_i +7.9 at 1949 Ma to εHf_i -8.9 at 1804 Ma, with the grains younger than 1750 Ma mainly being superchondritic and clustering around εHf_i +2.

SMAL119272, granite clast

This sample is from the Smalfjord Formation and is located at Sommarneset between Vestertana and Tarmfjorden (Fig. 1.1). The sample is a granite clast.

19 zircons were analyzed, but due to a lot of discordant analyses and outliers, the sample was discarded.

5.2.3 Nyborg Formation

NYB119256, siltstone

This sample is from the Nyborg Formation and is located at Ifjordfjellet (Fig. 1.1). The rock is a purple, laminated siltstone rich in micas and quartz.

130 zircon grains were analyzed from this sample. The grains are small, typically between 50 and 150 μm and display a range of shapes and internal textures. Most grains are rounded prismatic, equidimensional, or irregularly shaped, with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. One stubby, prismatic grain has a well-preserved crystal shape with oscillatory zoning and may be first generation

detritus (grain 131, Appendix 4). The analyses are dominantly concordant to normally discordant with 47 analyses being >10%. These analyses are excluded from further discussion (Fig. 5.24). The rest of the analyses (n = 78) yield significant age peaks at 2880–2690 Ma (17 grains), 2180–1760 (45 grains), and 1640–1390 Ma (10 grains) (Fig. 5.21). The maximum depositional age for this sample is 1177 ± 7 Ma based on the maximum likelihood age model.

The Hf isotopic values range from superchondritic with a maximum εHf_i of +5.2 at 1913 Ma to subchondritic with a minimum εHf_i of -8.1 at 1801 Ma (Fig. 5.22). Most of the analyses are found in the interval between εHf_i +3 and -3.

NYB119251, siltstone

This sample is from the Nyborg Formation and was sampled in Vestertana (Fig. 1.1). The rock is a gray, laminated siltstone mainly composed of quartz, muscovite, and chlorite.

64 zircon grains were analyzed from this sample. The grains are small, typically between 75 and 150 μm and display a range of shapes and internal textures. Most grains are rounded prismatic, equidimensional, or irregularly shaped, with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are dominantly concordant to normally discordant; twenty analyses that are more than 10% discordant are excluded from further discussion (Fig. 5.24). The rest of the analyses (n = 42) yield significant age peaks at 2840–2760 Ma (5 grains), 2100–1790 Ma (27 grains), and 1600–1410 (6 grains) (Fig. 5.21). The analyses yield a maximum depositional age of 1246 ± 7 Ma based on the maximum likelihood age model.

The Hf isotopic values range from superchondritic with a maximum εHf_i of +4.8 at 2075 Ma to subchondritic with a minimum εHf_i of -9.3 at 1906 Ma (Fig. 5.24). Most of the analyses are found in the interval between εHf_i +2 and -5.

5.2.4 Mortensnes Formation

MORT119266, diamictite matrix

This sample is from the Mortensnes Formation and is located on the Digermul Peninsula (Fig. 1.1). The rock type is a diamictite and the sample is from the matrix.

120 zircon grains were analyzed from this sample. The grains are from 75 to 200 μm in size and display a range of shapes and internal textures. Most grains are rounded prismatic, equidimensional, or irregularly shaped, with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are mostly concordant with a few showing minor discordance and one analysis is more than 10% discordance (Fig. 5.24) and is excluded from further discussion. The rest of the analyses (n = 118) yield significant age peaks at 2780–2660 Ma (10 grains), 1940–1730 Ma (34 grains), 1640–1550 Ma (10 grains), and 1520–1430 Ma (53 grains) shown in Fig. 5.21. The analyses yield a maximum depositional age of 1132 ± 18 Ma based on the maximum likelihood age model.

The Hf isotopic values are predominantly subchondritic (85 grains) with the lowest value εHf_i -10.5 at 1804 Ma (Fig. 5.22). Thirty analyses are superchondritic with the highest value εHf_i +4.2 at 1508 Ma.

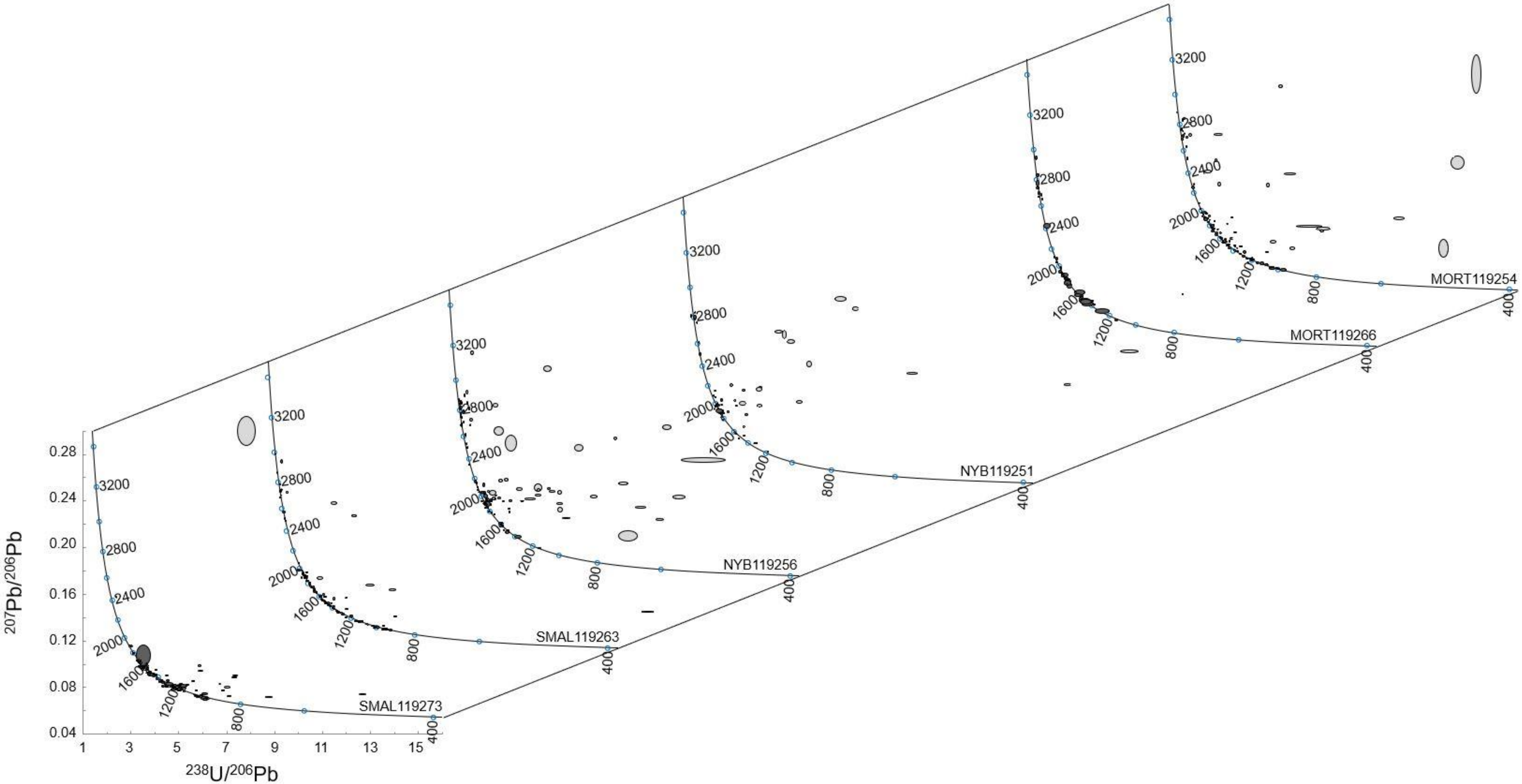


Figure 5.24: Tera-Wasserburg concordia plots of analyzed detrital zircons from the Smalfjord, Nyborg, and Mortensnes formations. Error ellipses are plotted at 2σ; light gray ellipses indicate analyses that do not meet the concordance criteria (i.e., >10% discordant).

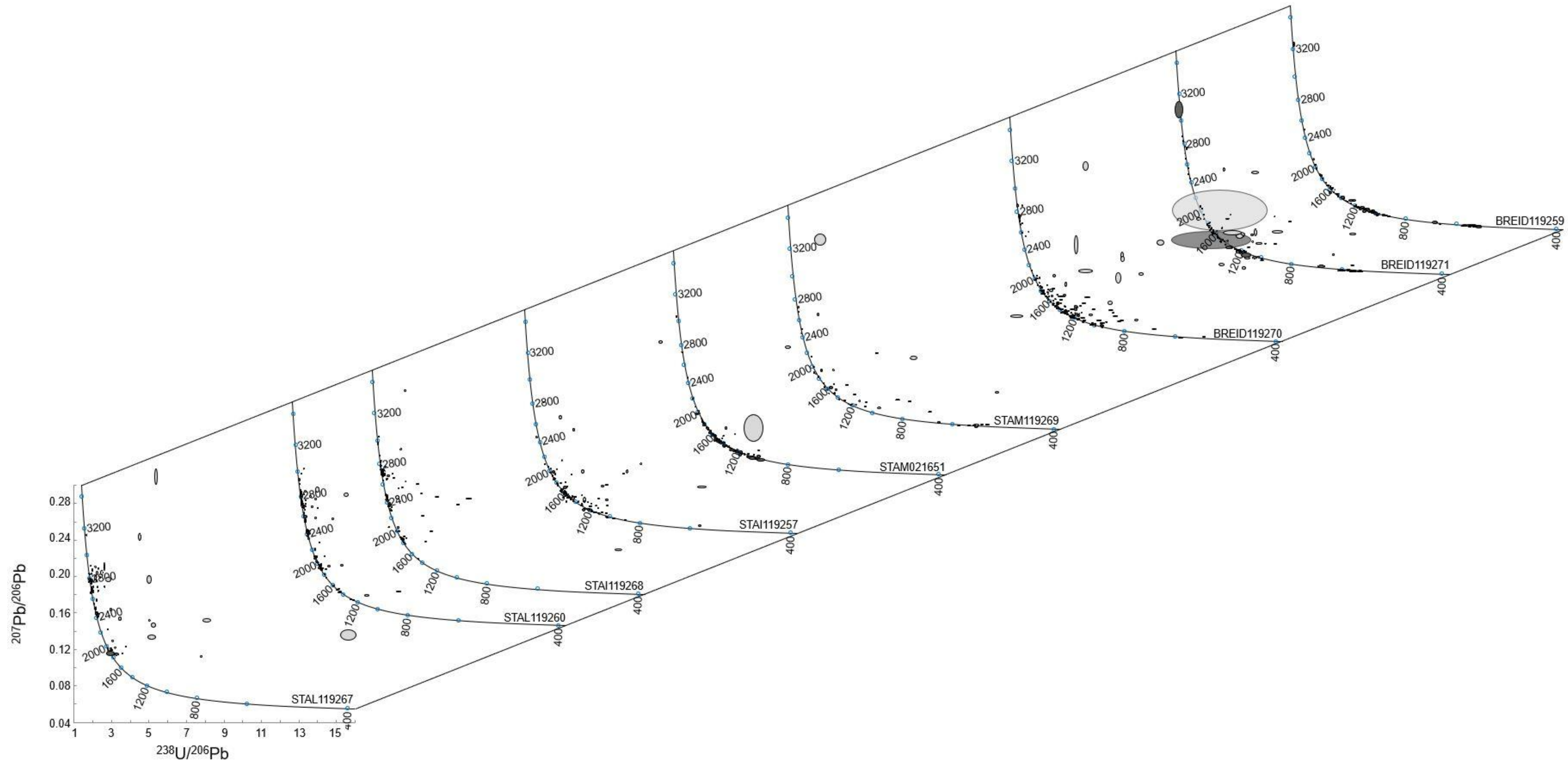


Figure 5.25: Tera-Wasserburg concordia plots of analyzed detrital zircons from the Stáhpogieddi and Breidvika formations. Error ellipses are plotted at 2σ; light gray ellipses indicate analyses that do not meet the concordance criteria (i.e., >10% discordant).

MORT119254, diamictite matrix

This sample is from the Mortensnes Formation in Vestertana (Fig. 1.1). The rock type is a diamictite and the sample is from the matrix, which consists mostly of coarse silt with some granules. The grains are mainly quartz.

118 zircon grains were analyzed from this sample. The grains are between 50 and 150 µm in size and display a range of shapes and internal textures. Most grains are rounded prismatic, equidimensional, or irregularly shaped, with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are dominantly concordant to normally discordant; twenty-seven analyses that are more than 10% discordant are excluded from further discussion (Fig. 5.24). The rest of the analyses (n = 89) yield ages in the intervals 2890–2540 Ma (12 grains) and 2090–1010 Ma (75 grains) with significant age peaks at ca. 2720 Ma (4 grains), ca. 1900 Ma (7 grains), ca. 1500 Ma (6 grains), ca. 1240 Ma (7 grains), and ca. 1030 Ma (6 grains) (Fig. 5.21). Based on the maximum likelihood age model, the analyses give a maximum depositional age of 1021 ± 4 Ma.

The Hf isotopic values range from superchondritic with a maximum εHf_i of +7.1 at 1602 Ma to subchondritic with a minimum εHf_i of -9.7 at 1800 Ma (Fig. 5.22).

MORT119265, granite clast

This sample is from the Mortensnes Formation and is located on the Digermul Peninsula at the same site as MORT119266 (Fig. 1.1). The sample is a granite clast from the diamictite.

32 zircon grains were analyzed from this sample. The analyzed zircon grains are typically 100–150 µm, stubby prismatic with weak, irregular oscillatory zoning interpreted to reflect magmatic growth. There is no clear textural evidence of metamorphic growth. Nine analyses were discarded due to high levels of common Pb (shown in white in Fig. 5.26). The rest of the analyses plot along a discordia with an upper intercept at 2761 ± 7 Ma and a lower intercept at 440 ± 44 Ma with a MSWD of 29. Six analyses with less than 2% discordance yield a weighted mean $^{207}Pb/^{206}Pb$ age of 2746 ± 4 Ma (Fig. 5.26; MSWD = 2.5) interpreted to reflect the crystallization age of the granite.

The Hf isotopic values range from superchondritic εHf_i +1.9 to subchondritic εHf_i -3.1 with a median value of -0.4 (Fig. 5.22).

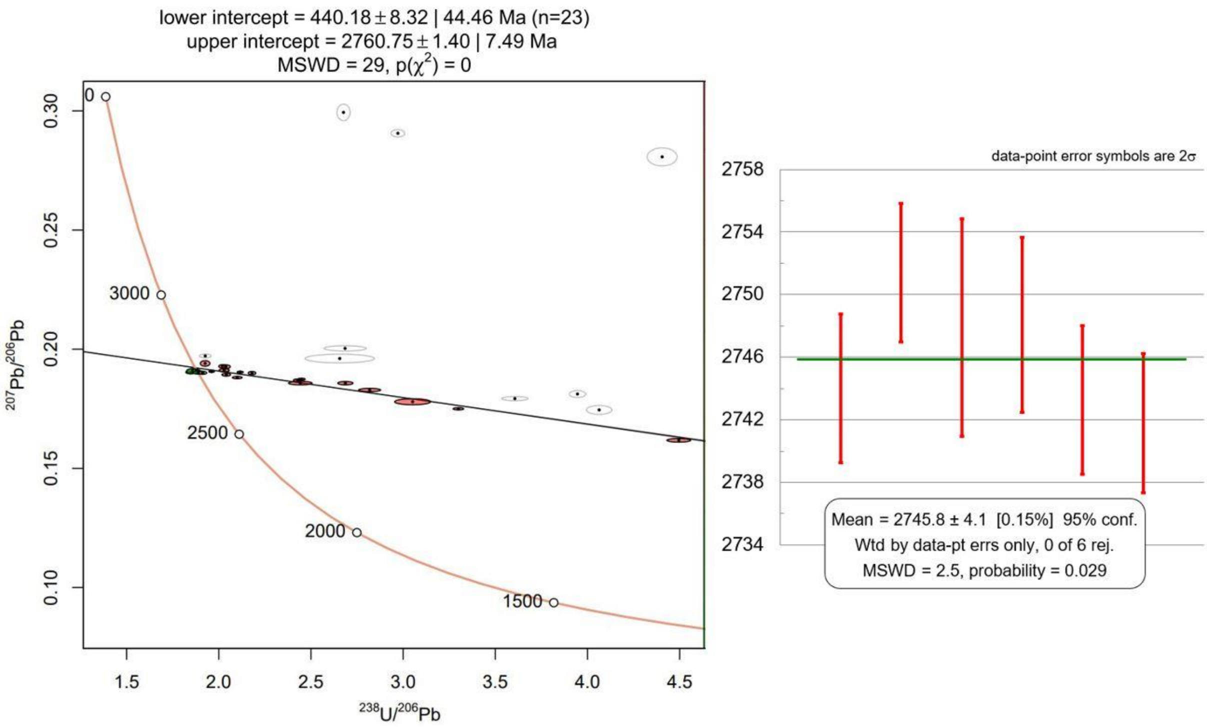


Figure 5.26: Tera-Wasserburg diagram for MORT119265 with a discordia line. White analyses are discarded based on high Pb_c. Right inset shows a weighted mean $^{207}Pb/^{206}Pb$ age for the green analyses in the Tera-Wasserburg plot.

5.2.5 Stáhpogieddi Formation

STAL119267, quartz arenite

This sample is from the Lillevatnet Member of the Stáhpogieddi Formation and is located on the Digermul Peninsula (Fig. 1.1). The sample is a quartz arenite.

110 zircon grains were analyzed from this sample. The grains range in size between 100 and 200 µm and display a range of shapes and internal textures. Most grains are rounded prismatic to equidimensional with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. Some stubby, prismatic grains have well-preserved crystal shapes with faint oscillatory zoning and may be first-generation detritus (grains 5 and 9, Appendix). The analyses are dominantly concordant to normally discordant; thirty-one analyses that are more than 10% discordant are excluded from further discussion (Fig. 5.25). The rest of the analyses (n = 77) yield significant age peaks at 2860–2680 Ma (27 grains), 2520–2420 Ma (17 grains), and 1980–1870 Ma (27 grains) shown in Fig. 5.21. The maximum depositional age calculated using the maximum likelihood age model is 1869 ± 12 Ma.

For the Archean grains, the Hf isotopic values range from superchondritic εHf_i +3.1 at 2890 Ma to subchondritic εHf_i -2 at 2691 Ma (Fig. 5.23). The Paleoproterozoic grains from 2500 to 2420 Ma are all subchondritic, ranging from εHf_i -5.9 at 2424 Ma to εHf_i -3.1 at 2467 Ma, while the Paleoproterozoic grains between 2000 and 1850 Ma range from superchondritic εHf_i +5.1 at 1867 Ma to subchondritic εHf_i -4.2 at 1909 Ma.

STAL119260, quartz arenite

This sample is from the Lillevatnet Member of the Stáhpogieddi Formation and is located at Ifjordfjellet (Fig. 1.1). The rock type is a quartz arenite.

120 zircon grains were analyzed from this sample. The grains are between 75 and 200 μm in size and display a range of shapes and internal textures. Most grains are rounded prismatic to equidimensional with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are mostly concordant to normally discordant; sixteen analyses that are more than 10% discordant are excluded from further discussion (Fig. 5.25). The rest of the analyses (n = 104) yield significant age peaks at 2860–2680 Ma (41 grains), 2570–2550 Ma (6 grains), 2460–2350 Ma (11 grains), 2120–1900 Ma (30 grains), and 8 analyses are within the interval between 1600 and 1280 Ma (Fig. 5.21). The maximum depositional age for the sample is 1285 ± 6 Ma based on the maximum likelihood age model.

The Archean grains give Hf isotopic values ranging from superchondritic with a maximum εHf_i of +3.6 at 2771 Ma to subchondritic with a minimum εHf_i of -5.4 at 2736 Ma (Fig. 5.23). The early Paleoproterozoic grains are subchondritic ranging from εHf_i -0.6 at 2457 Ma to εHf_i -5.4 at 2354 Ma. The rest of the Paleoproterozoic grains show a greater spread in values from superchondritic εHf_i +7.4 at 1980 Ma to subchondritic εHf_i -16.6 at 1936 Ma. The Mesoproterozoic grains are predominantly superchondritic with the highest value εHf_i +6.6 at 1285 Ma. Two analyses are subchondritic with the lowest value εHf_i -4.7 at 1517 Ma.

STAI119268, sandstone

This sample is from the Innerelva Member of the Stáhpogieddi Formation and is located at the Digermul Peninsula (Fig. 1.1). The sample is from a sandstone bed.

120 zircon grains were analyzed from this sample. The grains are between 50 and 150 μm and display a range of shapes and internal structures. Most grains are rounded prismatic to equidimensional with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are dominantly concordant to normally discordant; nineteen analyses are more than 10% discordant and are excluded from further discussion (Fig. 5.25). The rest of the analyses (n = 93) yield significant age peaks at 2840–2650 Ma (52 grains), 2450–2310 Ma (20 grains), and 1940–1810 Ma (13 grains) shown in Fig. 5.21. The maximum depositional age calculated based on the maximum likelihood age model is 1507 ± 5 Ma.

The Hf isotopic values for the Archean grains are predominantly superchondritic (47 grains) with a maximum εHf_i of +5 at 2836 Ma (Fig. 5.23). Six analyses are subchondritic and have εHf_i values between -0.1 and -1.8. The Paleoproterozoic grains in the age interval 2500–2310 Ma range from superchondritic εHf_i +4 at 2499 Ma to subchondritic εHf_i -5.1 at 2326 Ma. For the Paleoproterozoic to early Mesoproterozoic grains in the age interval between 1940 and 1500 Ma, the Hf isotopic values range from superchondritic εHf_i +6.3 at 1924 Ma to subchondritic εHf_i -10.6 at 1828 Ma.

STAI119257, quartz-rich siltstone

This sample is from the Innerelva Member of the Stáhpogieddi Formation and is located at Ifjordfjellet (Fig. 1.1). The sample is a quartz-rich siltstone.

120 zircon grains were analyzed from this sample. The grains are small, typically <100 μm and display a range of shapes and internal textures. Most grains are rounded prismatic to equidimensional or irregularly shaped with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are mostly concordant to normally discordant; twenty-eight analyses are more than 10% discordant and

excluded from further discussion (Fig. 5.25). The rest of the analyses (n = 92) yield ages between 2110 and 890 Ma, with significant age peaks at 1650–1500 (31 grains) and 1250–1120 Ma (23 grains) (Fig. 5.21). One analysis yields an age of 2466 Ma. The maximum depositional age calculated based on the maximum likelihood age model is 890 ± 4 Ma.

Most of the analyses yield Hf isotopic values in the range from εHf_i +6 to εHf_i -5, shown in Fig. 5.23. The Hf isotopic values are mostly superchondritic (39 grains), while 13 analyses are subchondritic. The minimum value of εHf_i is -19.1 at 1873 Ma and the maximum value of εHf_i is +6.2 at 1618 Ma.

STAM021651, quartz arenite

This sample is from the Manndrapselva Member of the Stáhpogieddi Formation and is located at Ifjordfjellet (Fig. 1.1). The sample is a quartz arenite.

120 zircon grains were analyzed from this sample. The grains range in size from 50 to 150 µm and display a range of shapes and internal textures. Most grains are rounded prismatic to equidimensional or irregularly shaped with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are mostly concordant with a few showing minor degrees of discordance; six analyses are more than 10% discordant (Fig. 5.25) and excluded from further discussion. Most of the analyses (n = 114) are found between 1900 and 1000 Ma (106 grains), while eight analyses yield older ages up to 3045 Ma (Fig. 5.21). Significant age peaks are found at ca. 1500 Ma (12 grains), 1220 Ma (14 grains), and ca. 1020 Ma (10 grains). The maximum depositional age for the sample is 1013 ± 10 Ma based on the maximum likelihood age model.

The Archean and early Paleoproterozoic grains yield Hf isotopic values that are subchondritic with a minimum εHf_i of -9.5 at 2474 Ma (Fig. 5.23). The Paleoproterozoic and Mesoproterozoic grains are predominantly superchondritic (92 grains) with a maximum εHf_i of +8.7 at 1197 Ma. Nineteen analyses are subchondritic with a minimum εHf_i of -9.2 at 1983 Ma.

STAM119269, siltstone

This sample is from the Manndrapselva Member of the Stáhpogieddi Formation and is located on the Digermul Peninsula (Fig. 1.1). The sample is a siltstone, rich in quartz and mica grains.

54 zircon grains were analyzed from this sample. The grains are small, mainly <100 µm and display a range of shapes and internal textures. Most grains are rounded prismatic to equidimensional or irregularly shaped with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are dominantly concordant to normally discordant; twenty analyses are more than 10% discordant and excluded from further discussion (Fig. 5.25). the rest of the analyses (n = 31) yield significant age peaks at 2000–1840 Ma (6 grains), 1650–1590 Ma (5 grains), ca. 1510 (3 grains), 1270–1230 Ma (4 grains), and 650–540 Ma (5 grains) shown in Fig. 5.21. The maximum depositional age calculated based on the maximum likelihood age model is 543 ± 2 Ma.

The grains that are older than 1700 Ma yield Hf isotopic values that are subchondritic except for one grain with εHf_i +1.5 at 2503 Ma (Fig. 5.23). The lowest value is εHf_i -13.9 at 2732 Ma. For the Mesoproterozoic and Neoproterozoic grains the Hf isotopic values are predominantly superchondritic with a maximum εHf_i of +8.7 at 647 Ma and only two subchondritic analyses.

5.2.6 Breidvika Formation

BREID119270, siltstone

This sample is from the Lower Member of the Breidvika Formation and is located on the Digermul Peninsula (Fig. 1.1). The sample is a gray-beige, quartz-rich, laminated siltstone.

180 zircon grains were analyzed from this sample. The grains are small, typically <100 µm and display a range of shapes and internal textures. Most grains are rounded prismatic to equidimensional or irregularly shaped with variably oscillatory zoned, irregularly zoned, or featureless, CL-dark interiors. The analyses are dominantly concordant to normally discordant; fifty-two analyses are more than 10% discordant and excluded from further discussion (Fig. 5.25). The rest of the analyses (n = 117) yield significant age peaks at 2770–2680 Ma (9 grains), 1820–1690 Ma (22 grains), 1510–1440 Ma (15 grains), 1400–1180 Ma (30 grains), and 1020–1000 Ma (5 grains) (Fig. 5.21). In addition, there is one Ediacaran analysis at 586 Ma. The maximum depositional age calculated based on the maximum likelihood age model is 586 ± 5 Ma.

The Archean grains have Hf isotopic values that range from superchondritic εHf_i +1.9 at 2856 Ma to subchondritic εHf_i -7.2 at 2604 Ma (Fig. 5.23). The Paleoproterozoic and Mesoproterozoic grains are predominantly superchondritic (53 grains) with a maximum εHf_i of +7 at 1307 Ma. Eighteen of the grains in this age interval are subchondritic with a minimum εHf_i of -10.8 at 1993 Ma. The Ediacaran grain at 586 Ma is superchondritic with εHf_i +10.4.

BREID119271, siltstone

This sample is from the Upper Member of the Breidvika Formation and is located on the Digermul Peninsula (Fig. 1.1). The sample is a gray, quartz-rich, laminated siltstone.

120 zircon grains were analyzed from this sample. The grains are very small, ca. 50 µm. Most grains are rounded prismatic to equidimensional or irregularly shaped. Some grains show oscillatory zoning, although most are weakly, irregularly zoned, or featureless. The analyses are dominantly concordant to normally discordant; twenty-seven analyses are more than 10% discordant and excluded from further discussion (Fig. 5.25). The rest of the analyses (n = 90) yield ages in the intervals 3090–2460 Ma (10 grains), 2090–1000 Ma (65 grains), and 670–550 Ma (15 grains) (Fig. 5.21). Significant age peaks are found at ca. 1610 Ma (4 grains), 1500–1440 Ma (9 grains), 1240–1160 Ma (11 grains), ca. 1010 Ma (4 grains), and 600–550 Ma (14 grains). The maximum depositional age is 551 ± 3 Ma based on the maximum likelihood age model.

The Hf isotopic values for the Archean grains range from superchondritic εHf_i +1.5 at 2878 Ma to subchondritic εHf_i -7.4 at 2721 Ma (Fig. 5.23). The Paleoproterozoic and Mesoproterozoic grains are mostly superchondritic (13 grains) with a maximum εHf_i of +7.1 at 1262 Ma. Three grains are subchondritic with a minimum εHf_i of -5.6 at 1193 Ma. The two Ediacaran grains have εHf_i values of +1.8 at 554 Ma and εHf_i -2.3 at 573 Ma.

BREID119259, quartz arenite

This sample is from the the Breidvika Formation at Ifjordfjellet (Fig. 1.1). The sample is a gray, laminated quartz arenite.

120 zircon grains were analyzed from this sample. The grains range in size from 50 to 150 μm and display a range of shapes and internal textures. Most grains are rounded prismatic to equidimensional or irregularly shaped with predominantly oscillatory zoned interiors, while some grains have irregularly zoned, or featureless, CL-dark interiors. The analyses are mostly concordant with a few showing minor degrees of discordance (Fig. 5.25). The analyses (n = 119) yield significant age peaks at 1200–1120 Ma (21 grains), 1100–1000 Ma (25 grains), and 580–540 Ma (20 grains) (Fig. 5.21). Most of the analyses are found in the intervals between 2120 Ma and 900 Ma (94 grains) and between 680 Ma and 540 Ma (22 grains). Three analyses yield Archean ages. The maximum depositional age based on the maximum likelihood age model is 544 ± 2 Ma.

Two of the Archean grains have Hf values that are chondritic, while one is subchondritic with εHf_i -9.7 at 3230 Ma (Fig. 5.23). The Proterozoic grains are predominantly superchondritic. The Paleoproterozoic and Mesoproterozoic grains range from superchondritic εHf_i +7.5 at 1090 Ma to subchondritic εHf_i -10.7 at 1024 Ma, while the late Neoproterozoic grains range from superchonditic εHf_i +11.7 at 677 Ma to subchondritic εHf_i -3.5 at 544 Ma.

6 Discussion

In this chapter the results from this study will be discussed. The first section is a discussion of the observations made in the field and the interpretations of depositional environments and paleocurrent indicators in the Vestertana Group. The implications from the sedimentological observations are discussed in Section 6.1.2. The obtained U–Pb ages and Lu–Hf compositions from the samples will be discussed in Section 6.2. The results from the present study are compared with detrital zircon studies from Norway and northern Russia. The wider implications from the U–Pb ages and Lu–Hf compositions in terms of source areas and tectonic setting for the Vestertana Group are discussed in the last section.

6.1 Depositional environments and paleocurrents in the Vestertana Group

6.1.1 Summary of the results

This study confirms that most of the sedimentary rocks found in the Vestertana Group are of glacigenic and shallow-marine origin, as suggested by Reading and Walker (1966), Banks et al. (1971), Edwards (1984), and Rice et al. (2012). The glacigenic units (Smalfjord and Mortensnes formations) were not investigated for paleocurrent indicators, while 68 measurements were taken in the Nyborg Formation, 20 in the Stáhpogieddi Formation, and only one in the Breidvika Formation.

According to Pettijohn et al. (1987), the dispersal pattern in a shallow-marine environment is highly variable with both bimodal and unimodal and rare random patterns (Section 3.1.2, Table 3.1). The environment is strongly influenced by tides and can be exposed to storm events, which may result in hummocky cross stratification. Therefore, it can be a challenging depositional environment to find dominant transport directions in.

The paleocurrent measurements from the Nyborg Formation show a dominantly northwesterly transport direction (Fig. 5.7), which agrees with the observations made by Edwards (1984) for his Stage 2. Reading and Walker (1966) and Banks et al. (1971) found mainly northerly and northeasterly paleocurrents, respectively, in the Nyborg Formation. The varying observations made in the different studies may be the result of vertical and lateral variations within the Nyborg Formation, as described by Edwards (1984), who distinguished four stages. In the present study, only a limited number of outcrops in a limited area was investigated. By expanding the study area and spending more time in the field, one might be able to map the internal variations in the Nyborg Formation and get a better overview of vertical and lateral changes in both lithology and paleocurrents. In any case, from the paleocurrent data from both the previous studies and this study, it appears that the sediments were brought in to the sedimentary basin from the south.

In the two youngest formations (Stáhpogieddi and Breidvika), too few paleocurrent indicators were found and measured to determine dominant transport directions. Ripples measured in the middle member (Innerelva) of the Stáhpogieddi Formation indicate paleocurrents mainly towards north-northwest, north, and east (Fig. 5.15). The results from this study show that there is more variation in the paleocurrent directions than the study of Banks (1973), who found a predominantly easterly flow direction. For the uppermost member (Manndrapselva) of the Stáhpogieddi Formation, three measurements indicate an easterly paleocurrent direction, while one is towards west-northwest and the last towards southwest (Fig. 5.18). In the Breidvika Formation, a set of wave ripples indicative of flow in E–W-directions was the only observed paleocurrent indicator. For the Innerelva Member, the 15 measurements taken in this study indicate that the sediments were sourced from the south or west, while six measurements from the Manndrapselva Member and Breidvika Formation do not provide enough information to determine the location(s) of the source area(s).

6.1.2 Implications for source areas

One of the main arguments that Zhang et al. (2015) use for a Timanian source for the sedimentary rocks in the Manndrapselva Member is a claimed shift in the main transport direction from a northerly direction to a southerly direction (Banks et al., 1971). In the present study, this shift in paleocurrent directions was not observed. From the paleocurrent measurements in the Nyborg Formation and the Innerelva Member, it appears that these sediments were brought into the sedimentary basin from the south, as suggested by Reading and Walker (1966), Banks et al. (1971), Banks (1973), and Edwards (1984) (see Section 2.5). The visited outcrops in the Manndrapselva Member and Breidvika Formation at Ifjordfjellet did not provide enough paleocurrent indicators to determine dominant transport directions. However, the five measurements that were taken in the Manndrapselva Member show a greater variation in the paleocurrent directions than the paleocurrent data from Banks et al. (1971). Banks et al. (1971) took 25 paleocurrent measurements in the Manndrapselva Member and most of the measurements are within the southwesterly quadrant and a few towards north (Section 2.5, Fig. 2.7). The present study found indicators of paleocurrents towards east and west-northwest in addition to one measurement towards southwest (Fig. 5.18).

Therefore, one can question the validity of Zhang et al.'s (2015) use of paleocurrent data as an argument for a Timanian source for this geological unit. From the fact that the depositional environment is a shallow-marine environment, strongly influenced by tides, one might not either expect to find a dominant transport direction. To be able to confirm or discard the observations by Banks et al. (1971), more fieldwork needs to be conducted and larger areas within the Manndrapselva Member must be explored. It would be useful to revisit the Digermul Peninsula, where Banks et al. (1971) collected their data, to do new measurements. In addition, outcrops further towards the east in autochthonous parts of the Varanger Peninsula, where the rocks might be less deformed and less affected by the Caledonian orogenesis, should also be explored for paleocurrent indicators.

According to Zhang et al. (2015), the late Neoproterozoic age peak found in the Manndrapselva Member, also implies that the tectonic setting in the Tanafjord–Varangerfjord area changes from a passive margin to a foreland basin next to the Timanian Orogen. If this is the case, one might expect to see a change in the rate of sediment supply. In the present study only three outcrops within the Manndrapselva Member were investigated — too few outcrops to get an overview of the vertical changes within the member. There is, however, no observations made in this study that suggests a radical change in the sediment supply. Work by Banks et al. (1971), showed that the Manndrapselva Member consists of three cycles, whereof two are coarsening upwards turbidite to shallow-marine regressive cycles. To see if the late Neoproterozoic input correlates with one of these prograding systems, more mapping and sampling at several levels of the unit must be carried out. It would be useful to go back to the Digermul Peninsula, where Banks et al (1971) performed their study, because here the whole succession from the Nyborg Formation up to the Digermul Group can be followed from the shoreline and upwards in the hillside. It is easier to navigate between the units at the Digermul Peninsula, than at Ifjordfjellet, where the terrain is relatively flat.

In the Lower Breidvika Member, Banks et al. (1971) found large variations in paleocurrent directions, while the 20 measurements from the Upper Member fall within the southwesterly quadrant (Section 2.5, Fig. 2.7). By selecting samples for U–Pb geochronology and Lu–Hf analyses from layers that contain paleocurrent indicators, one might be able to see variations in the sediments that were derived from different directions. For instance, there are huge differences in the U–Pb ages obtained from the Breidvika samples from the present study vs. the sample from Zhang et al.'s (2015) study. Combining paleocurrent observations with U–Pb ages and Lu-Hf compositions in detrital zircon, may provide a better understanding of the locations of potential source areas and internal variations within the formation.

6.2 U–Pb ages and Lu–Hf compositions

6.2.1 Potential sources

All the obtained U–Pb ages from this study are combined in a Kernel distribution plot and histogram in Fig. 6.1. The Vestertana Group consists of Archean grains with a significant age peak at 2800–2700 Ma, early Paleoproterozoic grains with an age peak at ca. 2450 Ma, middle Paleoproterozoic to early Neoproterozoic grains with significant age peaks at ca. 1900 Ma and 1500 Ma, and late Neoproterozoic grains with ages between 700 and 540 Ma. The ages obtained in this study fit well with the known ages from the Fennoscandian Shield (Fig. 6.1). As discussed below, the 700–540 Ma grains found in the youngest units might be derived from the Timanian Orogen, a hypothetical active western Baltican margin, or a yet unknown source.

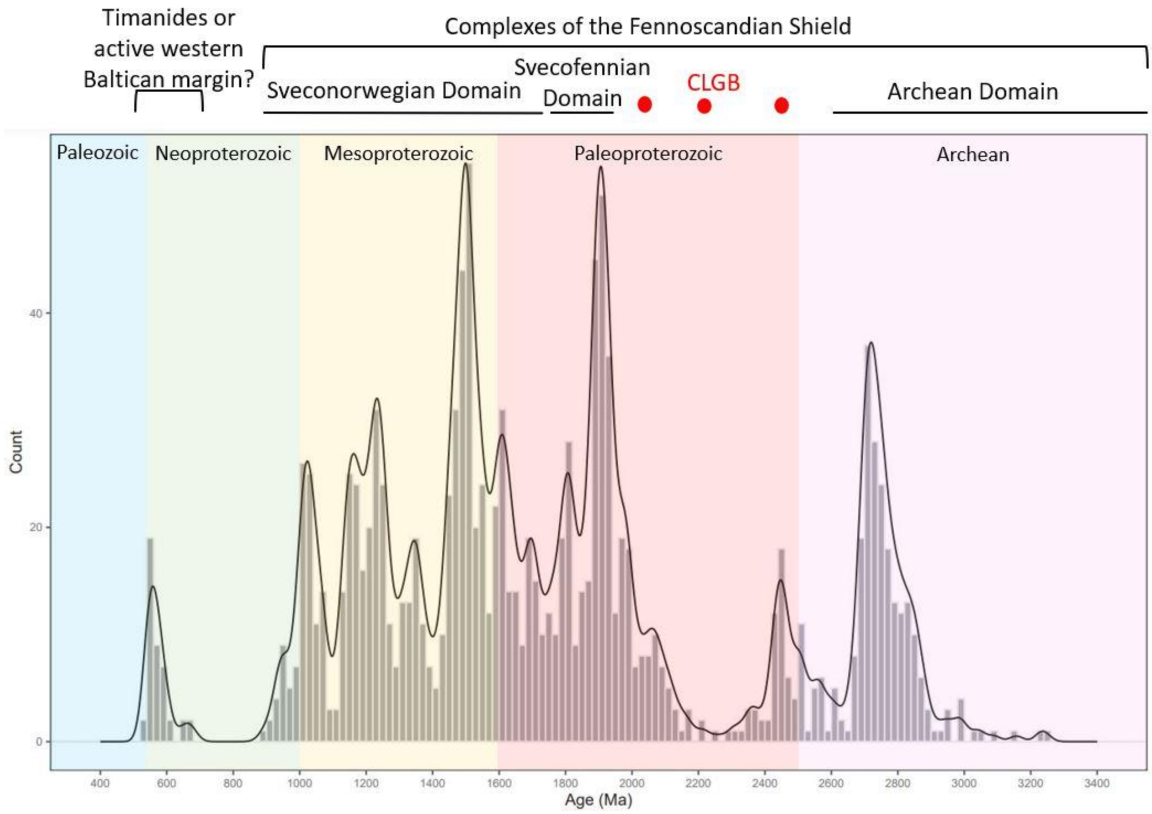


Figure 6.1: Histogram and density probability plot for ages of detrital zircons from the samples analyzed in this study. Lines and red dots above the histogram indicate aggregated age intervals of crystalline complexes of the Fennoscandian Shield and complexes composing the relict structures of the Timanian Orogen or an active western Baltican margin (see Sections 2.1, 2.2, & 2.6). Abbreviation: CLGB – Central Lapland Greenstone Belt.

In Fig. 6.2, the Lu–Hf data from this study are overlain on existing data collected from the Fennoscandian Shield. The Archean grains from this study overlap quite well in εHf_i values with magmatic grains from the Archean Domain of the Fennoscandian Shield (e.g., Lauri et al., 2011; Heilimo et al., 2013; Laurent et al., 2019).

The age peaks at ca. 2450 Ma and ca. 2100 Ma might be derived from the Central Lapland Greenstone Belt (Fig. 6.1). For the ca. 2450 Ma peak, the εHf_i values are predominantly subchondritic from -2 to -6 (Fig. 6.2), implying significant input from Archean crust. Existing Hf data are lacking for the 2450 Ma zircons, but for the 2100 Ma peak, Orvik et al. (2022) performed Lu–Hf analyses on magmatic zircons from the Gállojávri intrusion in the Karasjok–Central Lapland Greenstone Belt. Orvik et al. (2022) found subchondritic εHf_i values ranging from -1 to -14, which also implies a significant Archaean crustal contribution. This study obtained a larger variation in εHf_i values for the grains between 2200 and 2000 Ma from +7 to -10 (Fig. 6.2). The εHf_i values of the Central Lapland Greenstone Belt are not very well constrained due to a general lack of Hf data from these intrusions.

For grains with ages between 2000 and 900 Ma (middle Paleoproterozoic–early Neoproterozoic) the Hf data fit very well with the existing data from the Svecofennian Domain and the Sveconorwegian Province in the Fennoscandian Shield (Fig. 6.2). For zircons with ages between 1.92 and 1.77 Ga, most of the εHf_i values obtained in this study range from +7 to -10, which agrees with results from previous studies of the Svecofennian Domain composed of both Archean and juvenile crustal rocks (e.g., Andersen et al., 2009; Heinonen et al., 2010; Kurhila et al., 2010; Andersson et al., 2011; Lauri et al., 2012; Guitreau et al., 2014; Johansson et al., 2015; Petersson et al., 2015, 2017; Westhues et al., 2017; Laurent et al., 2019; Kara et al., 2020, 2021).

The grains with ages between 1750 and 900 Ma have similar εHf$_i$ values as seen in magmatic rocks from the Transscandinavian Igneous Belt, the rapakivi granites found in the Svecofennian Domain and the magmatic rocks from the Sveconorwegian Province (Fig. 6.2) (e.g., Andersen et al., 2002, 2009; Heinonen et al., 2010, 2015; Andersson et al., 2011; Lamminen et al., 2011; Johansson et al., 2015; Petersson et al., 2015, 2017; Sjöqvist et al., 2017; Petersson & Tual, 2020; Granseth et al., 2021; Johansson, 2021; Wang et al., 2021).

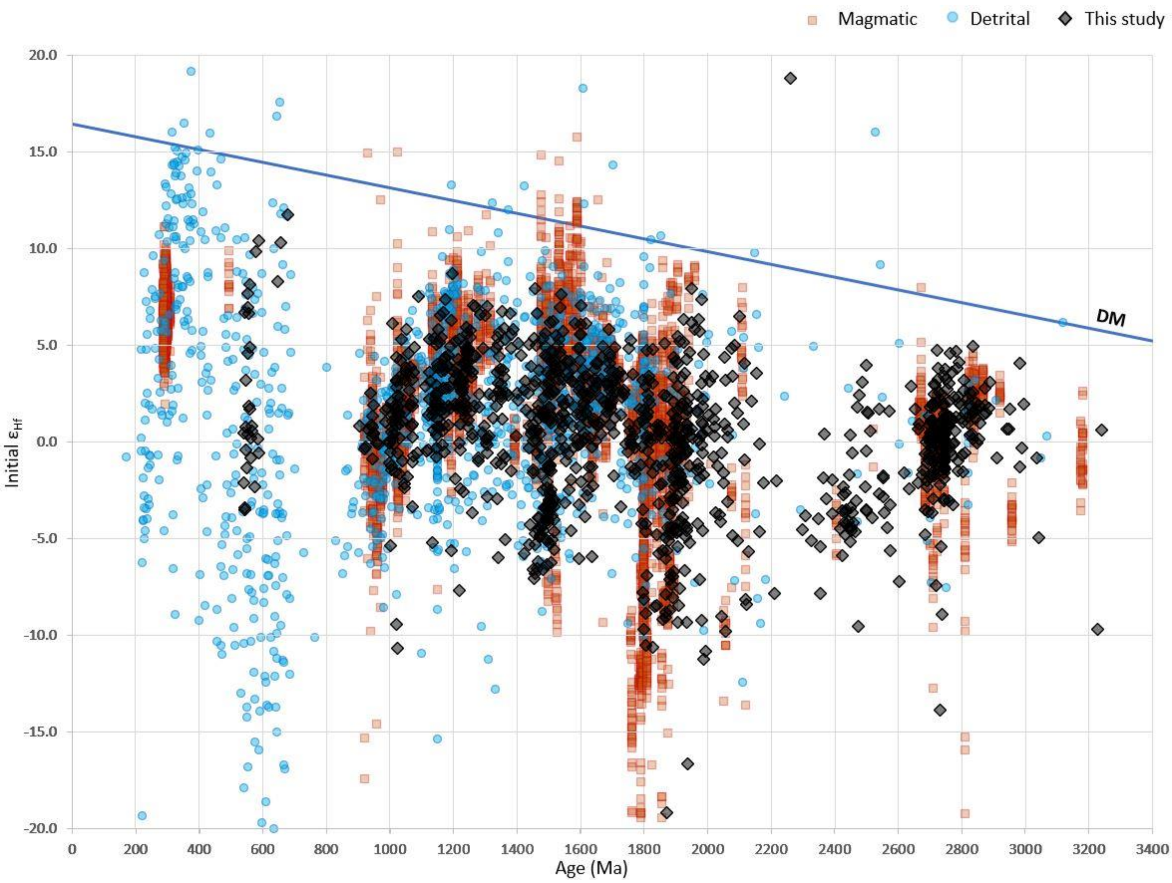


Figure 6.2: Compilation of Hf data from samples collected on the Fennoscandian Shield, where red symbols show magmatic samples and blue detrital (Slagstad et al., in prep.). Gray symbols show the Hf data obtained in this study. Abbreviation: DM – Depleted mantle.

For the late Neoproterozoic grains with ages from 700–540 Ma, no Hf data from magmatic sources in the Fennoscandian Shield are recorded (Fig. 6.2). The late Neoproterozoic data will be compared with Hf data from detrital samples with a similar age peak in Section 6.2.3.

6.2.2 Variations in U–Pb ages and Lu–Hf compositions in the Vestertana Group

After having successfully obtained U–Pb ages and Lu–Hf compositions of zircons from 15 detrital samples and one granitic clast from the Vestertana Group, it appears that there are distinct variations between the formations and members within the group (Fig. 6.3).

In Fig. 6.3, the samples are organized according to their stratigraphic position and samples with similar-looking age patterns are combined. A summary of the results is given below.

The two samples from the Smalfjord Formation (SMAL119263 and SMAL119273) deposited during the late Cryogenian Marinoan glaciation have similar age patterns and are dominated by detrital zircons with U–Pb ages between 2000 and 950 Ma in addition to a few Archean grains (Fig. 6.3). The Hf isotopic values for the Archean grains vary between εHf_i +2 and -4, while the Paleoproterozoic grains vary between εHf_i +8 and -9. The Mesoproterozoic grains are mainly supercondritic with values between εHf_i +3 and -1. The Archean and middle Paleoproterozoic grains were likely derived from proximal sources in the Archean and Svecofennian domains, while the late Paleoproterozoic and Mesoproterozoic grains indicate a more distal source, potentially from the TIB and the Sveconorwegian Province.

The analyzed zircons from the Nyborg Formation (NYB119251 and NYB119256) are dominated by Paleoproterozoic grains with a significant age peak at ca. 1900 Ma with Hf values ranging from εHf_i +5 to -9 (Fig. 6.3). In addition, the Nyborg samples contain Archean grains with Hf values between εHf_i +3 and -3, and a few Mesoproterozoic grains. It appears that the sediments deposited in the Nyborg Formation were derived mainly from proximal sources, like the Svecofennian Domain and the Archean Domain of the Fennoscandian Shield. The formation has less input from distal sources compared to the Smalfjord Formation.

The two detrital samples from the Mortensnes Formation (MORT119254 and MORT119266) deposited during the 584–582 Ma Gaskiers glaciation contain the same range of ages as seen in the Nyborg Formation (Fig. 6.3). However, they contain a greater amount of Mesoproterozoic grains with a significant age peak at ca. 1500 Ma with mainly subchondritic εHf_i values, while the Archean and Paleoproterozoic grains show both superchondritic and subchondritic values. The younger Mesoproterozoic grains are mainly superchondritic. The Mortensnes Formation shows a greater input from distal sources, for instance the Sveconorwegian Province and rapakivi granites in Finland, than the Nyborg Formation. The granite clast (MORT119265) has a crystallization age of 2746 ± 4 Ma ($^{207}Pb/^{206}Pb$ age) with a median εHf_i value of -0.4 and is probably sourced from the Archean Domain.

The samples from the lower and middle members of the Stáhpogieddi Formation (STAL119267, STAL119260, and STAI119268) have U–Pb age patterns that resemble the Nyborg Formation, but they contain a greater proportion of Archean and early Paleoproterozoic grains (Fig. 6.3). Most of the Archean and early Paleoproterozoic grains have Hf isotopic values between εHf_i +5 and -5. The rest of the grains show a greater spread in Hf isotopic values with both superchondritic and subchondritic values. It looks like the majority of the grains may have been derived from the Archean Domain, the Central Lapland Greenstone Belt, and the Svecofennian Domain. The samples contain very little input from distal sources.

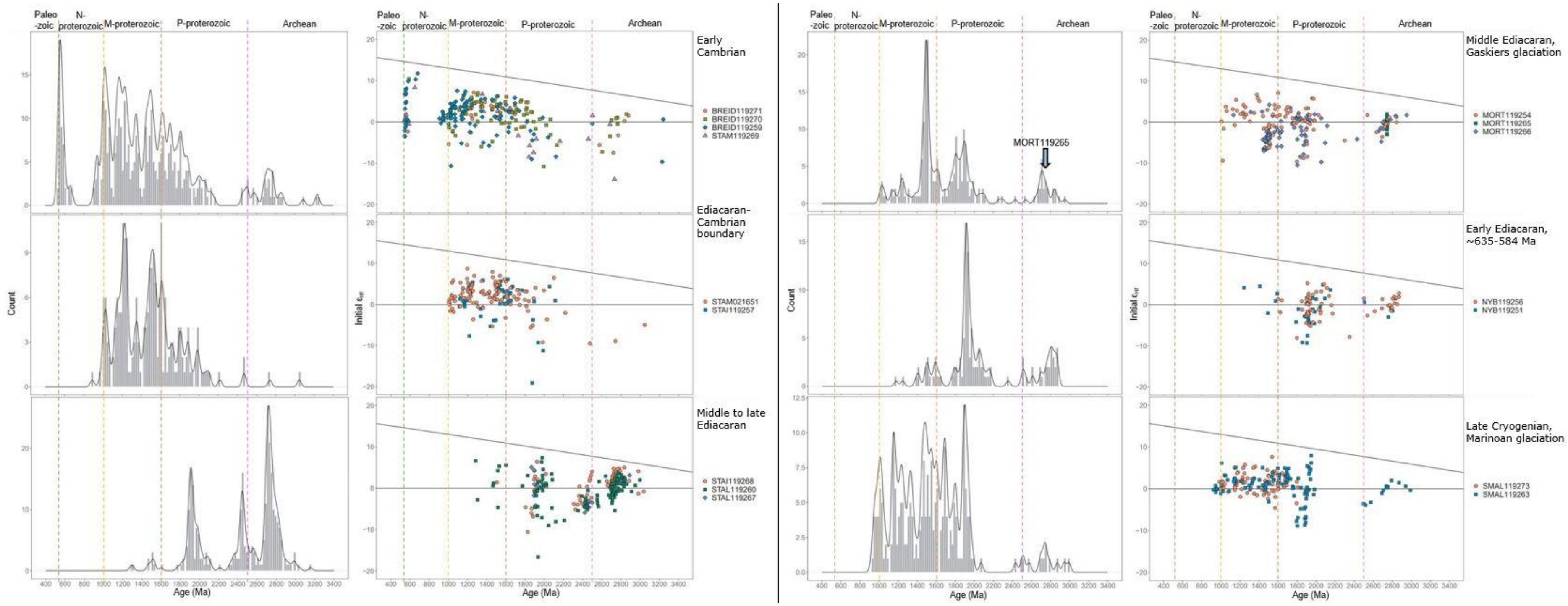


Figure 6.3: Summary of U–Pb ages and Lu–Hf compositions for all the samples analyzed during this study with time of deposition and sample numbers written to the right of the diagrams. The samples are organized in stratigraphic order and samples with similar age patterns are combined. Abbreviations: P-proterozoic – Paleoproterozoic, M-proterozoic – Mesoproterozoic, N-proterozoic – Neoproterozoic.

STAI119257 was sampled from the middle member of the Stahpogieddi Formation but is now considered to belong to the base of the uppermost member (see Sections 5.1.4 & 5.2.1). The age-distribution pattern for this sample resembles that of STAM021651 from the Manndrapselva Member of the Stáhpogieddi Formation. These two samples are therefore combined in Fig. 6.3 and are distinctly different from samples taken from the lowermost and middle members of the Stáhpogieddi Formation. While the Lillevatnet and Innerelva members are dominated by Archean and early Paleoproterozoic grains, most of the analyses in the Manndrapselva Member is found in the age interval between 2000 and 1000 Ma, which is quite similar to the data from the Smalfjord Formation. The Paleoproterozoic grains vary in Hf isotopic value from superchondritic εHf_i +6.5 to subchondritic εHf_i -19, while the Mesoproterozoic grains are mainly superchondritic. These samples have nearly no input from the proximal Archean Domain and are instead composed of mainly Mesoproterozoic grains derived from distal sources or recycled from the glacial deposits of the Smalfjord and Mortensnes formations.

The last sample from the uppermost member of the Stáhpogieddi Formation is plotted together with the three samples from the Breidvika Formation in Fig. 6.3. These four samples have age patterns that resemble STAI119257 and STAM021651, but in addition to ages in the interval 2000 to 1000 Ma, they include a few more Archean grains and an age peak at 700–540 Ma. The Hf isotopic values for the Archean grains range from superchondritic εHf_i +2 to subchondritic εHf_i -14. The Paleoproterozoic and Mesoproterozoic grains range from superchondritic εHf_i +7.5 to subchondritic εHf_i -11, but with predominantly superchondritic values for the Mesoproterozoic grains. The late Neoproterozoic grains range from superchondritic εHf_i +12 to subchondritic εHf_i -3.5 and are also dominated by superchondritic values. Due to similarities between the age patterns for these four samples (STAM119269, BREID119259, BREID119270, and BREID119271) and the two previous ones (STAI119257 and STAM021651), it looks like the sediments were derived mainly from the same sources or that there has been recycling of sediments. The late Neoproterozoic age peak between 700 and 540 Ma, however, implies sediment input from a new, younger source during the deposition of the Manndrapselva Member and continuing in the Breidvika Formation. The new source must have been active since at least 700 Ma, but it is first in the boundary between Ediacaran and Cambrian, that the zircons from the late Neoproterozoic source is deposited in the Tanafjord-Varangerfjord area.

6.2.3 Comparisons with other regions

The Nyborg Formation in northern Norway has a similar depositional age as the Rendalen and Brøttum formations in the Hedmark Basin in southeastern Norway. All three formations underlie glacigenic deposits associated with the 584–582 Ma Gaskiers glaciation (Bingen et al., 2005; Rice et al., 2012; Lamminen et al., 2015), and were therefore, all deposited prior to the Arctida–Baltica collision (Timanian orogeny), that happened in the time interval between 540 Ma and 510 Ma (Kuznetsov et al., 2014). Five detrital zircon samples from these formations are compared in Fig. 6.4 and sample information is provided in Table 6.1.

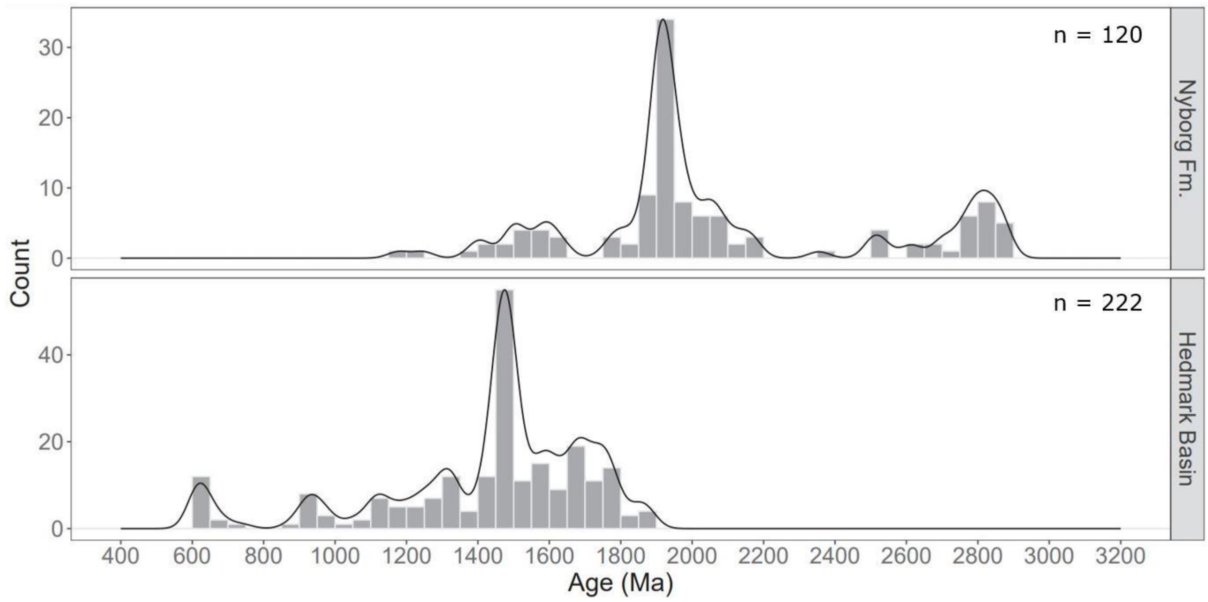


Figure 6.4: Kernel density plots and histograms for two samples from the Nyborg Formation in Finnmark (this study) and three samples from the Hedmark Basin in southeastern Norway (data from Bingen et al., 2005; Lamminen et al., 2015, samples JL-07-27 & JL-08-02). The three formations were deposited prior to the 584–582 Ma Gaskiers glaciation.

Table 6.1: Overview of samples shown in Fig. 6.4 with locations and depositional ages.

Sample nr.	Study	Region	Location	Depositional age
NYB119251	This study	N Norway	Vestertana	Ediacaran
NYB119256	This study	N Norway	Vestertana	Ediacaran
B01104	Bingen et al. 2005	SE Norway	Hedmark Basin	Ediacaran
JL-07-27	Lamminen et al. 2015	SE Norway	Hedmark Basin	Ediacaran
JL-08-02	Lamminen et al. 2015	SE Norway	Hedmark Basin	Ediacaran

While the samples from the Nyborg Formation consist predominantly of Archean and middle Paleoproterozoic grains, the Rendalen and Brøttum formations consist mainly of late Paleoproterozoic to early Neoproterozoic grains and 16 grains with ages between 750 and 600 Ma (Bingen et al., 2005; Lamminen et al., 2015) shown in Fig. 6.4. It appears that the sediments in the Nyborg Formation were derived mainly from proximal sources to the Tanafjord–Varangerfjord area, such as the Archean and Svecofennian domains, while the sediments in the Rendalen and Brøttums formation were derived mainly from proximal sources in southern Norway, from rocks found in the Sveconorwegian Province. However, the source of the late Neoproterozoic age peak is enigmatic. These 16 grains cannot be derived from the Timanian Orogen since the collision between Arctida and Baltica still had not happened at the time of deposition of the Rendalen and Brøttum formations.

As stated in Section 2.6, the late Neoproterozoic grains found in the Hedmark Basin in southeastern Norway imply that there must have been another late Neoproterozoic source of sediment and zircon in Fennoscandia at the time. Bingen et al. (2005) suggested that the detrital zircons may be derived from granitic magmatism related to the 616 ± 3 Ma Egersund diabase dikes. This seems unlikely, however, since no such granitic magmatism has been recorded and the 616 Ma age only works for the youngest grains. The zircons may be derived from very distal sources, for instance peri-Gondwana terranes, as suggested by Lamminen et al. (2015) or they may support the theory about a Neoproterozoic active margin along western Baltica, proposed by Slagstad et al. (2023). But if the western margin of Baltica was active during most of the Neoproterozoic and early Paleozoic, one might assume to see a larger number of zircons with these ages in the sediment deposits and a more continuous input in the sedimentary record from this source during the Ediacaran. In the Moelv Formation, overlying the Rendalen and Brøttum formations, the late Neoproterozoic age peak is absent (Lamminen et al., 2015). The available detrital zircon data from the Moelv Formation is, however, only based on one detrital sample with 68 grains (Lamminen et al., 2015). In order to see if there is a continuous input of 700–500-Ma zircons in the Ediacaran–Cambrian sedimentary succession in the Hedmark Basin, more detrital zircon studies are needed to collect more data from the Moelv Formation and younger sedimentary units.

In northern Norway, late Neoproterozoic zircons first occur in early Cambrian deposits (this study; Andresen et al., 2014; Zhang et al., 2015), and in southern Norway the 750–500 Ma age peak is seen in sedimentary rocks deposited in the time interval between middle Cambrian and late Silurian (Slama & Pedersen, 2015; Slagstad et al., 2023). These sediments were deposited after the onset of the Arctida–Baltica collision. It is therefore possible that the late Neoproterozoic to Cambrian zircons were derived from the Timanian Orogen. In Fig. 6.5, the U–Pb ages obtained in this study is compared with data from detrital zircons from more or less coeval units in Russia, on both the Arctida- and Baltica side of the Timanian Orogen, in addition to data from both northern and southern Norway. Information about the samples, shown in Fig. 6.5, is given in Table 6.2.

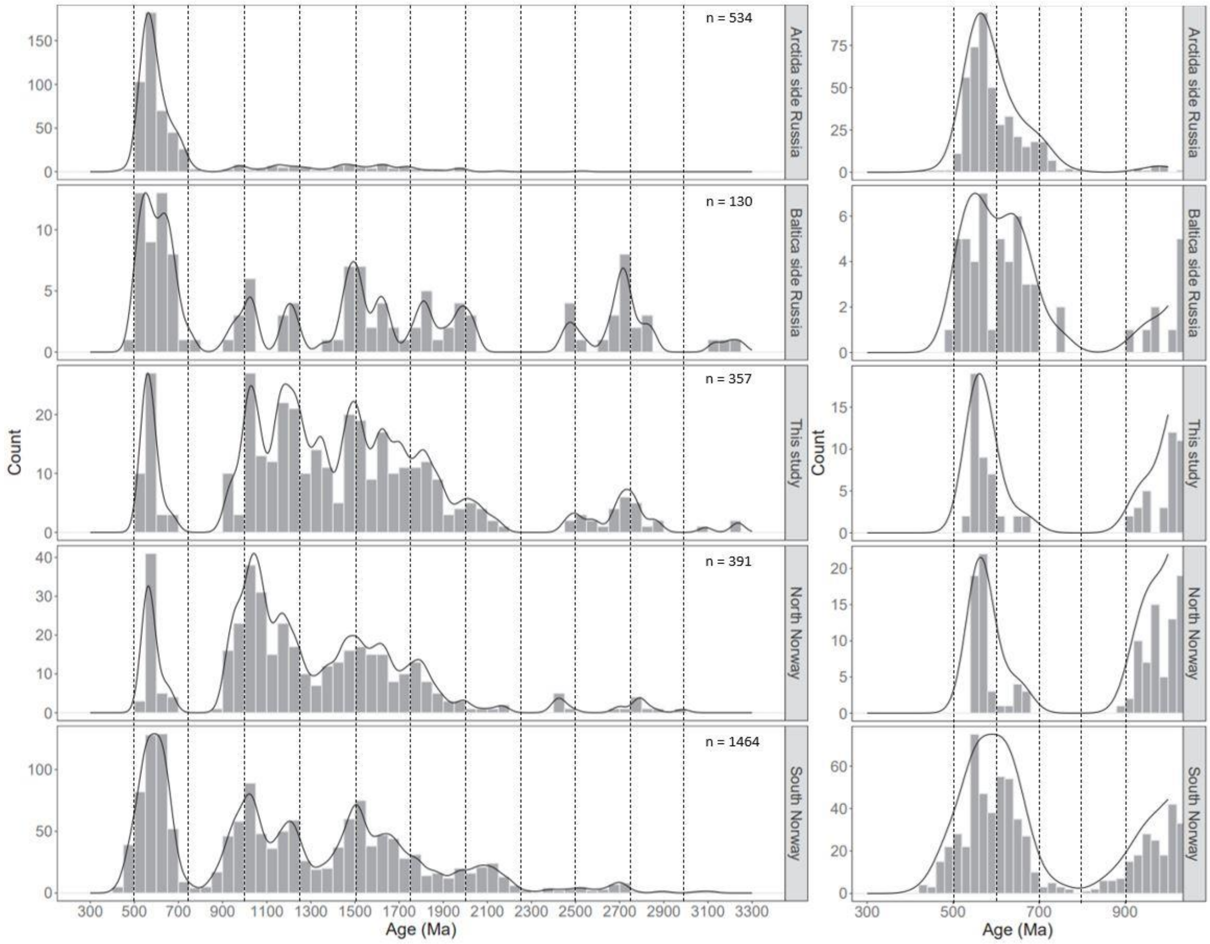


Figure 6.5: Kernel density plots and histograms from detrital zircon analyses of samples with age peaks between 750 and 500 Ma from Russia (both Arctida and Baltica side of the Timanian Orogen) and Norway. References for U–Pb data: Arctida side Russia – Kuznetsov et al. (2010, sample 05-033) and Ershova et al. (2020), Baltica side Russia – Kuznetsov et al. (2011, samples 09-056 & 09-059/1) and Orlov et al. (2011), north Norway – Andresen et al. (2014) and Zhang et al. (2015, sample STP1), south Norway – Slama and Pedersen (2015) and Slagstad et al. (2023).

Table 6.2: Overview of samples shown in Fig. 6.5 with locations and depositional ages.

Sample nr.	Study	Region	Location	Depositional age
2-VA13-1	Ershova et al. 2020	Russia Arctida side	Troynoy Island	Cambrian or younger?
203030	Ershova et al. 2020	Russia Arctida side	Northern Taimyr	Cambrian or younger?
203026	Ershova et al. 2020	Russia Arctida side	Northern Taimyr	Cambrian or younger?
13AP01	Ershova et al. 2020	Russia Arctida side	Northern Taimyr	Cambrian or younger?
1667	Ershova et al. 2020	Russia Arctida side	Bol’shevik Island	Cambrian or younger?
13AP22	Ershova et al. 2020	Russia Arctida side	Bol’shevik Island	Cambrian or younger?
957-65	Ershova et al. 2020	Russia Arctida side	Bol’shevik Island	Cambrian or younger?
05-033	Kuznetsov et al. 2010	Russia Arctida side	Engane-Pe Uplift	Ediacaran

09-059/1	Kuznetsov et al. 2011, Orlov et al. 2011	Russia Baltica side	Lake Ladoga	Middle Cambrian
09-056	Kuznetsov et al. 2011, Orlov et al. 2011	Russia Baltica side	Lake Ladoga	Lower Ordovician
STAM119269	This study	N Norway	Digermul Peninsula	Ediacaran–Cambrian
BREID119259	This study	N Norway	Ifjordfjellet	Early Cambrian
BREID119270	This study	N Norway	Digermul Peninsula	Early Cambrian
BREID119271	This study	N Norway	Digermul Peninsula	Early Cambrian
STP1	Zhang et al. 2015	N Norway	Ifjordfjellet	Ediacaran–Cambrian
AA-12-1	Andresen et al. 2014	N Norway	Altevann	Early Cambrian
AA-12-2	Andresen et al. 2014	N Norway	Reisadalen	Early Cambrian
Ring 1	Slama & Pedersen 2015	S Norway	Sundvollen	Late Silurian
LOW-KVIL	Slama & Pedersen 2015	S Norway	Kvilesteinsvatnet	Early–middle Ordovician
LOW-VIKA	Slama & Pedersen 2015	S Norway	Vikafjell	Early–middle Ordovician
LOW-GRAN	Slama & Pedersen 2015	S Norway	Granvin	Early–middle Ordovician
LOW-21	Slama & Pedersen 2015	S Norway	Voss	Early–middle Ordovician
LOW-36	Slama & Pedersen 2015	S Norway	Vangsmjøse	Early–middle Ordovician
LOW-SKJ	Slama & Pedersen 2015	S Norway	Skjolden	Early–middle Ordovician
LOW-99	Slama & Pedersen 2015	S Norway	Hogganvik	Middle Cambrian–early Ordovian
LOW-83	Slama & Pedersen 2015	S Norway	Tråstølen	Middle Cambrian–early Ordovian
PA-100	Slama & Pedersen 2015	S Norway	Vikadal	Middle Cambrian–early Ordovian
AU-95	Slama & Pedersen 2015	S Norway	Lakadalsberga	Middle–late Ordovician
AU-94Q	Slama & Pedersen 2015	S Norway	Lakadalskongen	Early–middle Ordovician
AU-94	Slama & Pedersen 2015	S Norway	Lakadalskongen	Late Cambrian–early Ordovician
AU-81	Slama & Pedersen 2015	S Norway	Skulevikstølen	Middle Cambrian–early Ordovician
AU-USTA1	Slama & Pedersen 2015	S Norway	Usteberget	Middle Cambrian
ROG090216	Slagstad et al. 2023	S Norway	Blåsjø	Unkown

The age patterns for the different regions in Fig. 6.5 show that there are similarities, especially between the Baltica side of the Timanian Orogen in Russia, the samples from this study, northern Norway, and southern Norway. The only age pattern that stands out, is the Arctida side of the Timanian Orogen in Russia. The samples from Ershova et al. (2020) on the Arctida side in Russia (Table 6.2) are sampled quite far from the Timan range, in areas that belonged to the paleocontinent Siberia. The exact location of Siberia during the Timanian orogenesis is still debated (e.g., Cocks & Torsvik, 2005; Li et al., 2008; Torsvik et al., 2012). The connection between these samples and the Timanian Orogen is therefore not straightforward to interpret. The age patterns for the samples in Ershova et al. (2020) do, however, resemble the age pattern found by Kuznetsov et al. (2010) in a sample from the Engane-Pe Uplift in the Polar Urals. Compared to the other age patterns, the Arctida side consists of a much larger proportion of grains in the age range 750–500 Ma with few older zircons. The other regions also have significant age peaks at 750–500 Ma, but in addition they include Archean, Paleoproterozoic, and Mesoproterozoic ages.

The Archean age peak is most prominent in the samples from this study in Finnmark and in the samples from the Baltica side in Russia. However, there is also some Archean input in the samples from northern Norway and southern Norway. All the four regions have a significant number of grains found within the age range between 2100 and 900 Ma, which can be derived from the Svecofennian and Sveconorwegian domains, as well as the Transscandinavian Igneous Belt, the rapakivi granites and the Central Lapland Greenstone Belt. It is also possible that grains have been recycled from earlier deposits.

The late Neoproterozoic age peak found in this study looks most like the 700–540 Ma age peak found in the studies by Andresen et al. (2014) and Zhang et al. (2015), also from northern Norway. The peak is narrower than what is seen in the other regions both in southern Norway and Russia, and it contains fewer grains older than 600 Ma, especially compared to southern Norway and the Baltica side in Russia. The peak shape does, however, resemble the results from the samples from the Arctida side in Russia (Kuznetsov et al., 2010; Ershova et al., 2020). From these observations, a Timianian source for the late Neoproterozoic zircons in Finnmark and Troms cannot be excluded.

An interesting observation from Fig. 6.5 is that the 750–500 Ma age peak is more prominent in the samples from southern Norway (Slama & Pedersen, 2015; Slagstad et al., 2023) than in all the other regions (except the Arctida side in Russia) shown in the figure, although this is the area that is furthest away from the Timanian Orogen. It is also worth noting that the samples from southern Norway and the Baltica side in Russia contain a significantly larger proportion of zircons with ages between 700 and 600 Ma (Fig. 6.5).

In Fig. 6.6, the Hf results for detrital zircon between 700 and 540 Ma obtained in this study are compared with Hf data from detrital zircon studies conducted in Russia (Kuznetsov et al., 2010; Ershova et al., 2020), northern Norway (Andresen et al., 2014) and southern Norway (Slama & Pedersen, 2015). The results from this study resemble the εHf_i values obtained from samples in Troms (Andresen et al., 2014). Most of the Hf isotopic values are superchondritic with values as high as +12. The lowest εHf_i value is -4. The results from Russia also show predominantly superchondritic values, but with a larger spread around 580–540 Ma with values as low as -22. The Hf data indicate that the Neoproterozoic–Cambrian zircons crystallized from magmas derived from juvenile sources mixed with different amounts of more evolved crust. Based on the comparison of Hf isotopic values, it seems likely that the late Neoproterozoic grains found in the Vestertana Group could be derived from the Timanian Orogen. However, it does not exclude other, yet unknown sources either, for instance an active western Baltican margin.

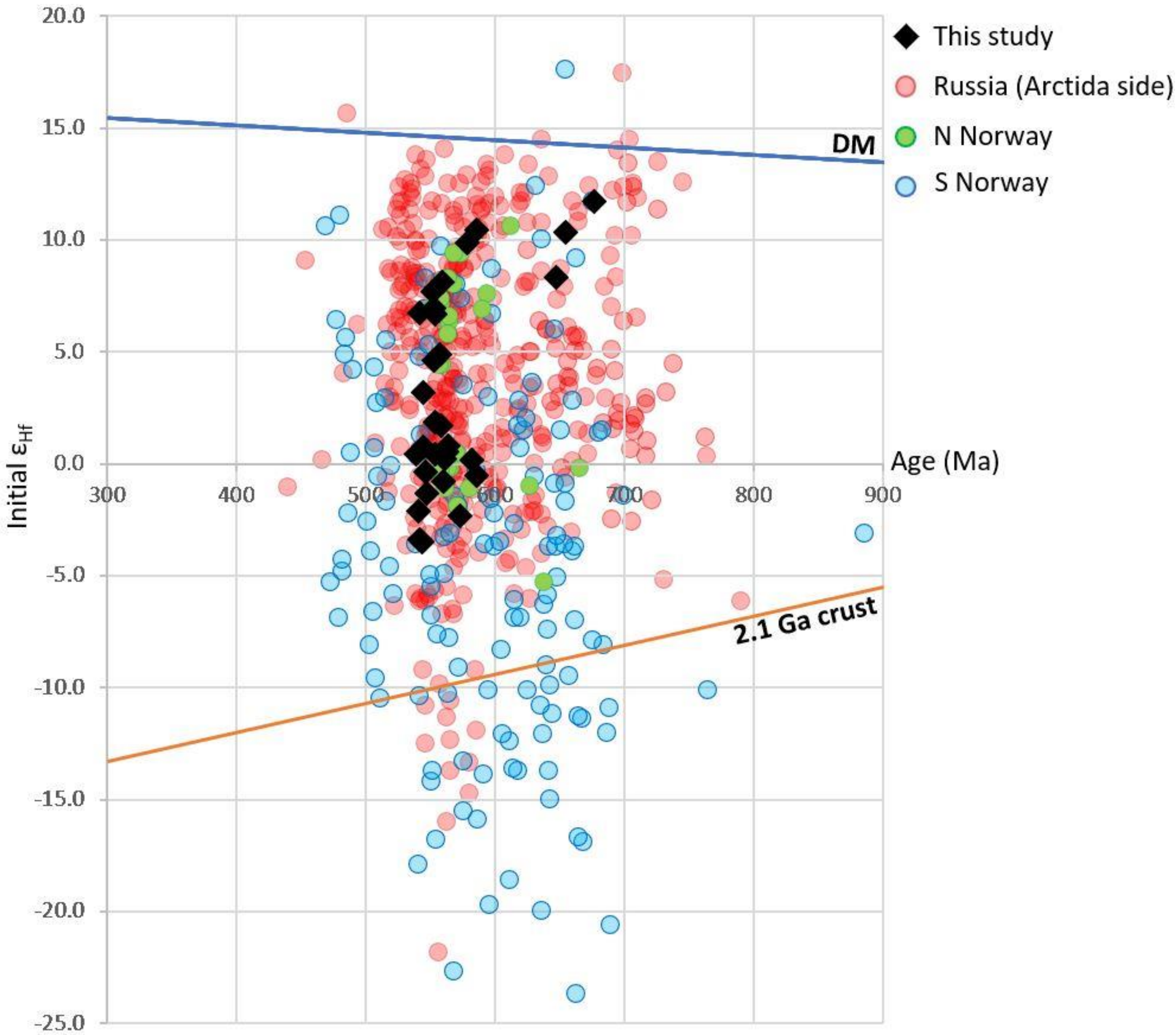


Figure 6.6: εHf$_i$ values for detrital zircons with ages between 800 and 400 Ma from this study, southern and northern Norway, and northern Russia (Arctida side of the Timanian Orogen). References: Russia – Kuznetsov et al. (2010) and Ershova et al. (2020), N Norway – Andresen et al. (2014), S Norway – Slama and Pedersen (2015). The isotope trajectories of the crust (formed at ca. 2.1 Ga with $^{176}Lu/^{177}Lu$ = 0.015) and depleted mantle (DM) are shown for reference.

For the samples from southern Norway (Slama & Pedersen, 2015), the Hf isotopic values look different compared to the samples from northern Norway and Russia (Fig. 6.6). The εHf$_i$ values are more subchondritc, meaning that there is a larger input from crustal sources and less from juvenile sources. Several of the analyses plot close to the 2.1 Ga crustal reference line (Fig. 6.6). This model age fits well with crust from the western Baltican margin (Slagstad et al., in prep.). The difference observed in the Hf isotopic values might imply that the late Neoproterozoic to Cambrian detrital zircons in southern Norway were not derived from the Timanian Orogen and instead have an alternative source of similar age. This observation may support the theory of Slagstad et al. (2023) about an active western Baltican margin during the Neoproterozoic and Cambrian.

6.2.4 Implications for source areas and tectonic setting

The U–Pb and Lu–Hf data obtained from the Vestertana Group show a strong Fennoscandian affinity in addition to input from an unknown Neoproterozoic source (Figs. 6.1 & 6.2). While the Archean and Svecofennian domains as well as the Central Lapland

Greenstone Belt are quite proximal to the Tanafjord–Varangerfjord area, some of the sediments in the Vestertana Group seem to be derived from distal sources in the Sveconorwegian Province, or recycled from sources that received such detritus. This is especially true for the two glacigenic formations (Smalfjord and Mortensnes), the Manndrapselva Member of the Stáhpogieddi Formation and the Breidvika Formation (Fig. 6.3).

Other detrital zircon studies from northern Norway (e.g., Andresen et al., 2014; Zhang et al., 2015) have also recorded Mesoproterozoic input (Fig. 6.5). Andresen et al. (2014) suggested that the Mesoproterozoic zircons found in the sedimentary rocks in Troms could be derived from the Timanian Orogen like the late Neoproterozoic zircons. But because Mesoproterozoic grains are lacking from the crystalline complex recorded from the Timanian Orogen (Fig. 2.4; Kuznetsov et al., 2014) and the sedimentary rocks sampled on the Arctida side of the Timanian Orogen in Russia contain very few Mesoproterozoic zircons (Fig. 6.5; Kuznetsov et al., 2010; Ershova et al., 2020), this explanation seems unlikely. Zhang et al. (2015) had four possible explanations to why the Mesoproterozoic grains were abundant in sedimentary rocks in Finnmark: 1) the zircons might have been derived from a source possibly concealed beneath the Caledonian nappes, 2) there was once a vast river system extending across the central Fennoscandian Shield, transporting grains from southern Norway and Sweden to the north, 3) there was a northward continuation of the Sveconorwegian/Grenvillian orogen, and 4) sedimentary rocks were recycled in the Tonian from the margin of Rodinia.

An important observation from the Vestertana Group is that two of the formations are glacigenic deposits. Glaciers have rapid erosional rates (e.g., Hallet et al., 1996) and can transport sediments for long distances (e.g., Kirkbride, 2002), which can explain how Mesoproterozoic grains from the Sveconorwegian Province could have been transported to and deposited in northern Norway. Very few of the detrital zircons analyzed in this study have well-preserved crystal shapes. Since rounding of grains is a very slow process (Pettijohn et al., 1987), this may indicate that many of the grains have been recycled several times before they were deposited in the Vestertana Group. However, they can also be derived directly from a source rock.

The samples from the Smalfjord Formation, Nyborg Formation, Mortensnes Formation, Lillevatnet and Innerelva members of the Stáhpogieddi Formation, and from the base of the Manndrapselva Member, all yield maximum depositional ages that are much older than the depositional ages of the units (Fig. 6.3). According to Cawood et al. (2012), this suggests that the units likely were deposited in a passive-margin setting (see Section 3.4.2). Within the Manndrapselva Member, the first input of late Neoproterozoic grains is recorded in STAM119269 with a maximum depositional age of 543 ± 2 Ma. The Ediacaran–Cambrian boundary at 538.8 Ma is found within the Manndrapselva Member based on observations of trace fossils (Högstrøm et al., 2013; Jensen et al., 2018). Since the youngest detrital zircon grains in STAM119269 show similar ages as the depositional age of the sediment, an active-margin source appears to have been present (e.g., Cawood et al., 2012). The three samples from the Breidvika Formation also have maximum depositional ages in the interval between 590 and 540 Ma. The depositional age of this unit is inferred to be early Cambrian (Terreneuvian) based on observations of diverse trace fossils and a few types of skeletal fossils (Jensen et al., 2018). The U–Pb results therefore indicate, that around the Ediacaran–Cambrian boundary, a new source (an active margin) began supplying sediment and zircon into the sedimentary basin in the Tanafjord–Varangerfjord area.

While Neoproterozoic zircons are first observed in the Ediacaran–Cambrian Manndrapselva Member in the Vestertana Group in northern Norway, 700–600 Ma zircons are found in the Ediacaran Rendalen and Brøttum formations in the Hedmark Basin in southeastern Norway (Fig. 6.4). The Timanian Orogen is too young to be a possible source, thus the zircons must be derived from an alternative source, for instance very distal sources in peri-Gondwana terranes, as suggested by Lamminen et al. (2015), or from an active western Baltican margin, proposed by Slagstad et al. (2023). More detrital zircon data from sedimentary rocks both underlying and overlying the Rendalen and Brøttum formations are needed to see when the input of late Neoproterozoic zircons began and if there is a continuous input from the late Neoproterozoic source in both Ediacaran and Cambrian deposits.

Comparisons with other detrital zircon studies in Russia and Norway show that the late Neoproterozoic age peak found in the upper units in the Vestertana Group, is also found on both the Arctida- and Baltica side of the Timanian Orogen and in Cambrian to Silurian sedimentary rocks in southern and northern Norway (Fig. 6.5). The late Neoproterozoic peak shape found in this study resembles the shapes found in other studies in northern Norway and on the Arctida side in Russia. From both U–Pb and Lu–Hf data, it seems likely that the late Neoproterozoic zircons found in northern Norway can be derived from the Timanian Orogen, but it does not exclude other possible sources, for instance an active western Baltican margin. The data from southern Norway show that the sedimentary rocks contain a larger proportion of zircons with ages between 700 and 600 Ma than what is seen in northern Norway and on the Arctida side in Russia. The zircons also have more subchondritic Hf isotopic values in southern Norway. These observations may suggest that the late Neoproterozoic–Cambrian detrital zircons found in the sedimentary rocks in southern Norway may have been derived from a different source than the grains in northern Norway.

To be able to determine the source areas of the late Neoproterozoic detrital zircons found in the Vestertana Group, more information about the possible source rocks is needed. Currently, the knowledge about the Timanian Orogen is limited, both regarding its extent and in the low number of both magmatic and detrital zircon studies close to the Timan range. The theory about an active margin along western Baltica in the Neoproterozoic and Cambrian was launched very recently and further work needs to be done in order to test whether this is likely or not. If the theory is supported, more information about the zircons created in the active margin is needed to be able to recognize them in sedimentary rocks. It is important to be aware that the late Neoproterozoic zircons can also be derived from an unknown source that has not been discovered yet. The source may not be exposed anymore, or it can be covered by for instance the Caledonian nappes. With the available data today, it is impossible to say for sure where the late Neoproterozoic zircons were derived from.

7 Conclusions

- This study confirms that most of the sedimentary rocks found in the Vestertana Group are of glacigenic and shallow-marine origin, as suggested by Reading and Walker (1966), Banks et al. (1971), Edwards (1984), and Rice et al. (2012).
- The claimed shift in main transport direction from a northerly to a southerly direction within the Stáhpogieddi Formation was not observed in this study. At the time that the Nyborg Formation was deposited, paleocurrent indicators show that the sediments were derived mainly from the south. Too few measurements were obtained from the Stáhpogieddi and Breidvika formations to determine dominant transport directions. Considering that the sediments were deposited in a shallow-marine environment strongly influenced by tides, one might not expect to find a dominant transport direction.
- According to Zhang et al. (2015), the sedimentary basin went from being a passive-margin system to a foreland basin around the Ediacaran–Cambrian boundary in the Manndrapselva Member of the Stáhpogieddi Formation. A radical change in the rate of sediment supply, that one might expect to see if this was the case, was not observed. However, several outcrops in other areas, for instance the Digermul Peninsula and autochthonous parts of the Varanger Peninsula, should be investigated before a conclusion is made.
- The U–Pb and Lu–Hf data obtained from the Vestertana Group show a strong Fennoscandian affinity in addition to input from an unknown Neoproterozoic source, for instance the Timanian Orogen or a hypothetical active western Baltican margin.
- Although no major changes related to paleocurrents or sediment-supply rates within the Stáhpogieddi Formation were observed, input of late Neoproterozoic zircons, found in the Ediacaran–Cambrian Manndrapselva Member of the Stáhpogieddi Formation, indicates that a new source (an active margin) began to supply sediments.
- Zircons with ages between 700 and 600 Ma are found in older Ediacaran sedimentary rocks in southeastern Norway (Bingen et al., 2005; Lamminen et al., 2015). These 700–600 Ma zircons cannot be derived from the Timanian Orogen since they were deposited prior to the onset of the Arctida–Baltica collision. This implies that there must have existed another late Neoproterozoic source of sediment and zircon in Fennoscandia at the time.
- Comparisons with other detrital zircon studies in Russia and Norway show that the late Neoproterozoic age peak found in the upper units in the Vestertana Group, is also found on both the Arctida- and Baltica side of the Timanian Orogen and in Cambrian to Silurian sedimentary rocks in southern and northern Norway. The U–Pb and Lu–Hf data suggest that the late Neoproterozoic zircons found in northern Norway can be derived from the Timanian Orogen, but it does not exclude other possible sources.
- The data from southern Norway show that the sedimentary rocks contain a larger proportion of zircons with ages between 700 and 600 Ma and the Hf isotopic values are more subchondritic than what is seen in northern Norway and Russia. These observations may suggest that the late Neoproterozoic–Cambrian detrital zircons found in the sedimentary rocks in southern Norway may have been derived from a different source than the grains in northern Norway.

8 Further work

- To determine whether there is a shift in the main transport direction within the Stáhpogiedddi Formation, more paleocurrent measurements are needed. A larger dataset of paleocurrent indicators can be obtained by investigating multiple outcrops, for instance on the Digermul Peninsula and in the autochthonous parts of the Varanger Peninsula.
- By sampling for U–Pb and Lu–Hf analyses at distinct levels in the Manndrapselva Member, one might be able to see if the input of late Neoproterozoic zircon correlates with one of the turbidite to shallow-marine regressive cycles observed by Banks et al. (1971). If it correlates, this might imply that there was a change in the tectonic setting from a passive margin to a foreland basin when the new late Neoproterozoic source was introduced to the basin.
- Due to the large variations seen in the age patterns from the Breidvika samples from this study vs. the study of Zhang et al. (2015), samples for U–Pb geochronology and Lu–Hf analyses should be selected from beds containing paleocurrent indicators. Combining paleocurrent observations with U–Pb ages and Lu-Hf compositions in detrital zircon, may provide a better understanding of the locations of potential source areas and internal variations within the Breidvika Formation.
- In the Hedmark Basin, in southeastern Norway, more samples from the Moelv Formation and both underlying and overlying units should be analyzed for U–Pb to see when the input of late Neoproterozoic zircons began and to test if the late Neoproterozoic input was continuous throughout the Ediacaran.
- It is of interest to investigate if the input of late Neoproterozoic zircons began simultaneously in northern and southern Norway. To see when the input of late Neoproterozoic zircon began in southern Norway, more detrital zircon studies from sedimentary rocks with depositional ages older than Cambrian are needed. If the input of late Neoproterozoic grains started before the onset of the Arctida–Baltica collision (~540–510 Ma according to Kuznetsov et al. (2014)), as seen in the Hedmark Basin, this suggests that the zircons were derived from another source than the Timanian Orogen.
- More information about the potential late Neoproterozoic source rocks is needed in order to determine the provenance of the late Neoproterozoic detrital zircons found in the Vestertana Group. Currently, the knowledge about the Timanian Orogen and a hypothetical active western Baltican margin is limited, which makes it challenging to recognize their fingerprints in the sedimentary rocks. The late Neoproterozoic zircons can also be derived from a yet undiscovered source.
- Dating of other minerals, such as monazite and titanite, can provide information about activity in potential source areas that did not produce zircon.

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Appendices

Appendix 1: Field observations

Appendix 2: Thin section descriptions

Appendix 3: Sample information

Appendix 4: SEM images

Appendix 5: U–Pb samples

Appendix 6: U–Pb standards

Appendix 7: Lu–Hf samples

Appendix 8: Lu–Hf standards

Appendix 1: Field observations

In this appendix an overview of all the field observations made in 2021 and 2022 are given. The legend for the sedimentary logs in the appendix is shown in Fig. A1.1 and the map with the sample localities and the additional road cuts is shown in Fig. A1.2.

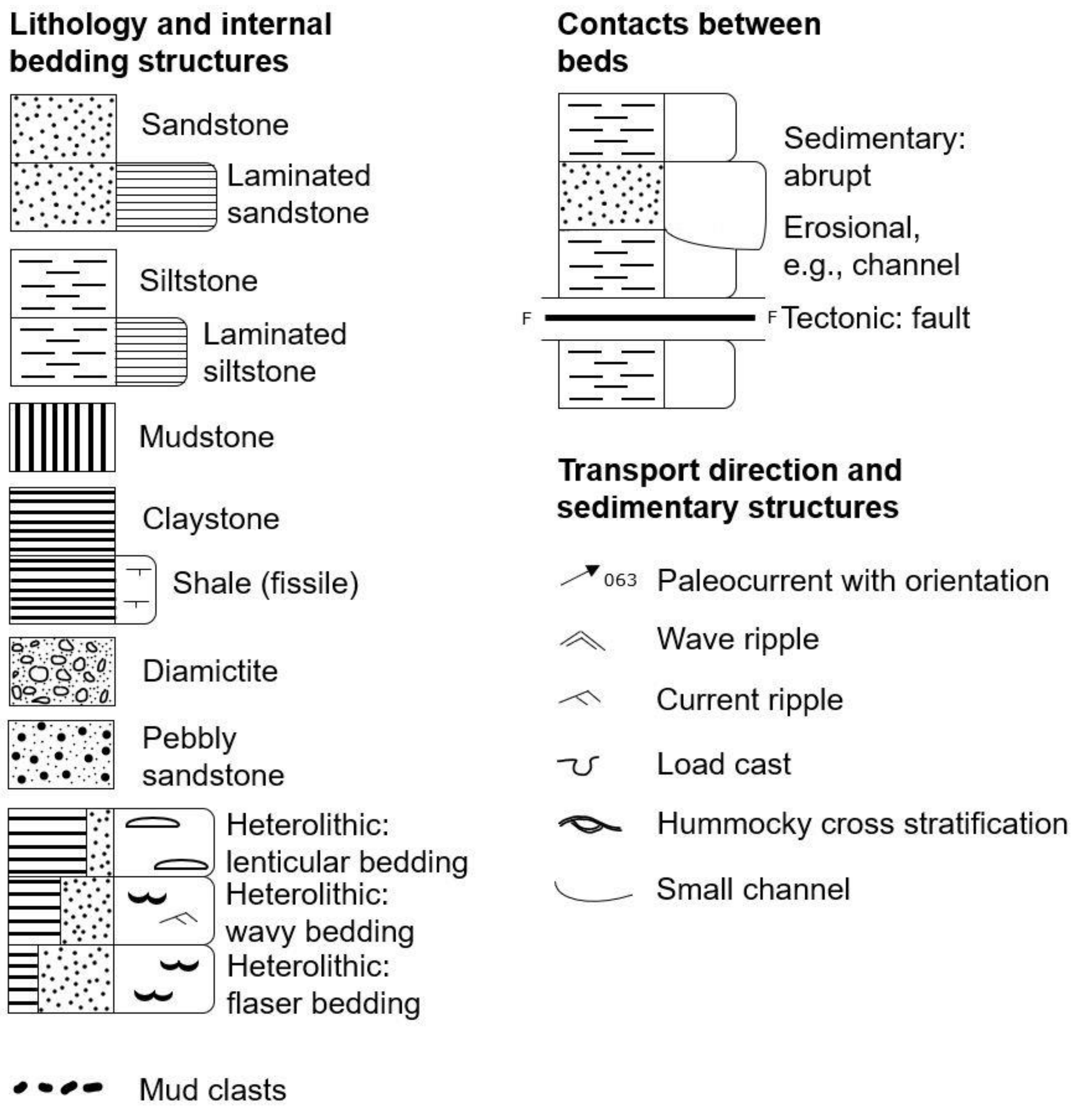


Figure A1.1: Legend for the sedimentary logs found in this appendix.

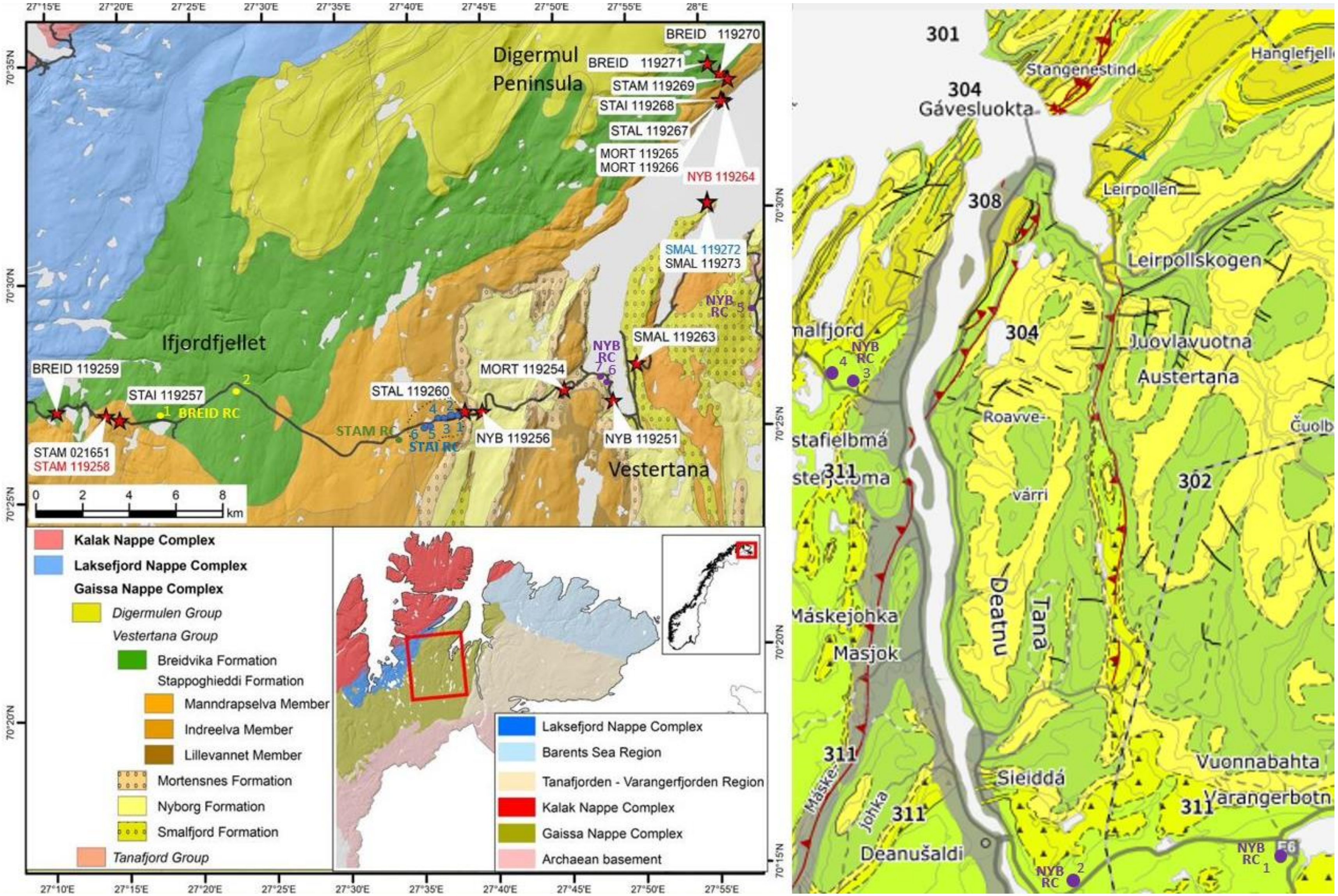


Figure A1.2: Map with sample localities (stars) and additional road cuts (circles). Abbreviation: RC – Road cut.

Smalfjord Formation

Sample site: SMAL119263

On the sampling site of the Smalfjord Formation, an alternation of mudstone and matrix-supported diamictite with some layers of pebbly sandstone is observed (Figs. A1.3, A1.4 & A1.5). Bed thicknesses vary from a few cm to 1 m, and the beds dip approximately 15° towards the SW. One of the beds shows fining upwards from medium sand to silt (Fig. A1.4B). The rocks have a gray color. The matrix of the diamictite consists of mudstone to coarse-grained sandstone, but dominantly fine sandstone. In the diamictite various clast types are observed. These are mainly granitoids, quartz, gneisses, dolomites, and oolites (Fig. A1.4A, C–E). The clasts are subangular to rounded, but mainly subrounded. In Fig. A1.5, a clast with a diameter of 26 cm has sunk into the underlying beds of finer material.

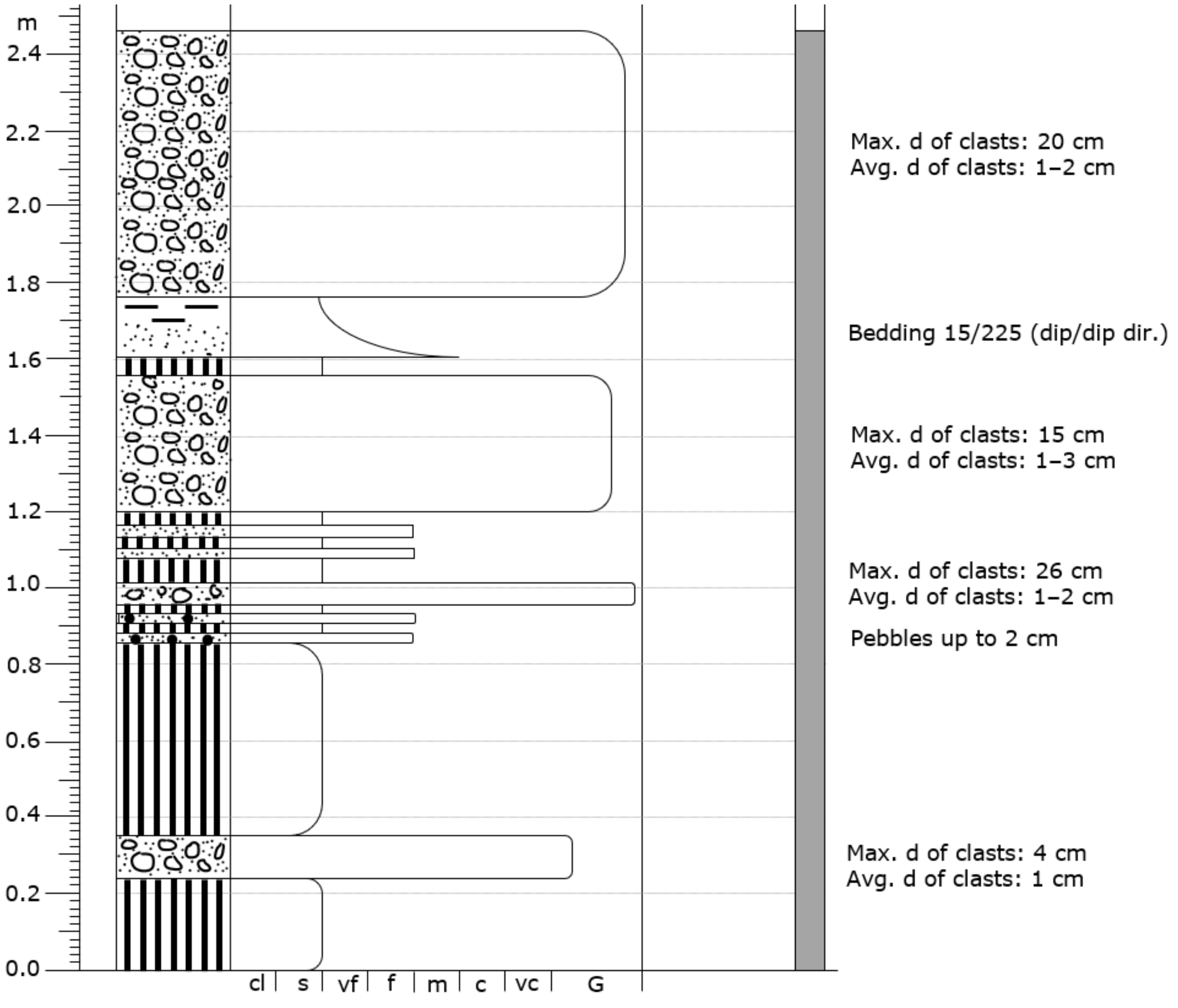


Figure A1.3: Sedimentary log from the sampling site of sample SMAL119263. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel, d – diameter.

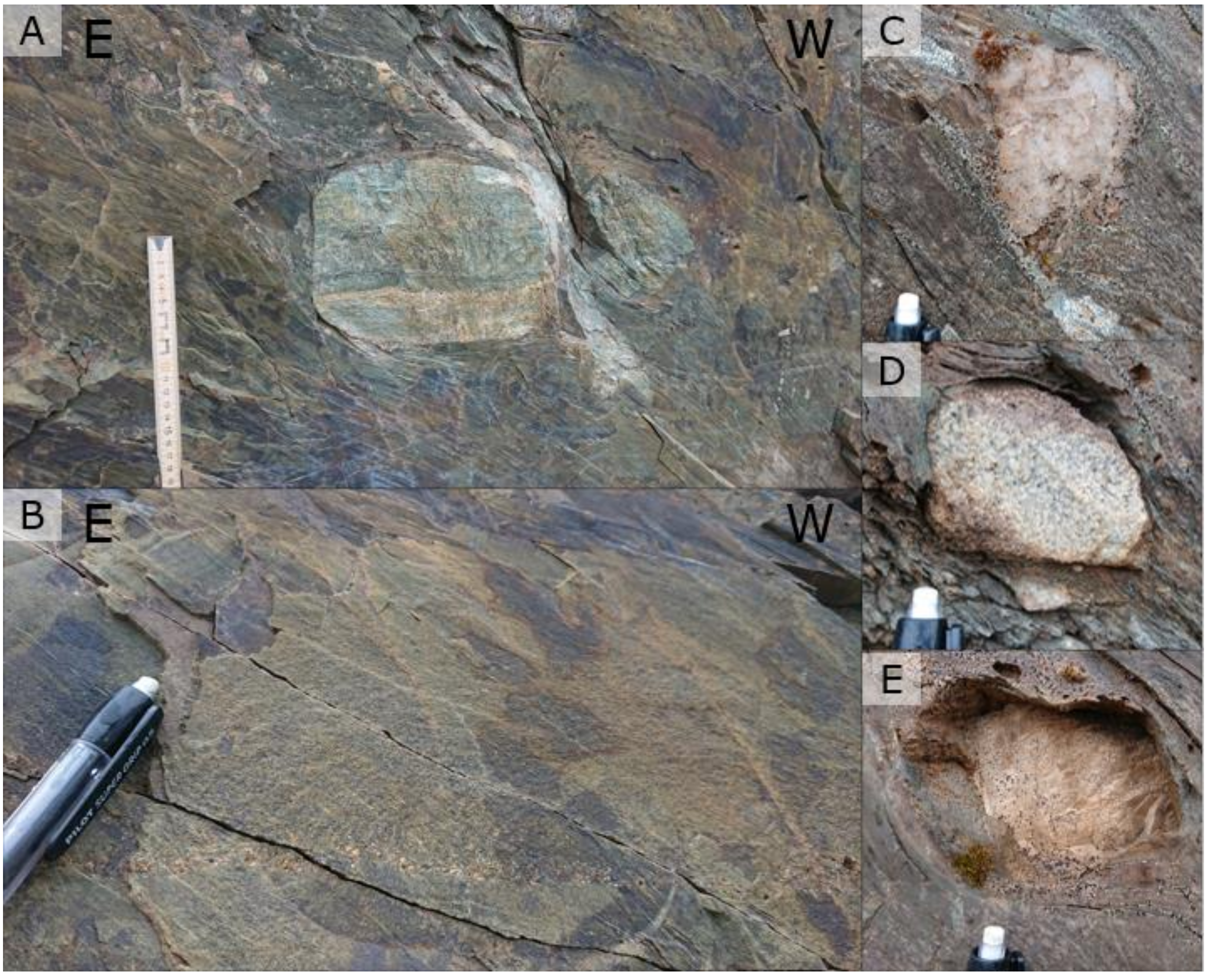


Figure A1.4: (A) Layers of mudstone and matrix-supported diamictite with clasts with diameters up to 26 cm. The visible part of the measuring stick is ~20 cm long. (B) Fining upwards from medium sand to silt. (C) Quartz clast. (D). Oolite clast. (E) Dolomite clast.

Figure A1.5: Photo from the outcrop. A layer of diamictite is highlighted with red, dotted lines. The largest clast has sunk into the underlying mudstone layer.

Sample site: SMAL119272 & SMAL119273 (short description from 2021)

Matrix-supported diamictite with clasts of carbonate (dolomite and oolite), sandstone and granite. Matrix consists of silt and fine-grained sand. Fig. A1.6 shows some photos from the outcrop.

Figure A1.6: (A) Massive diamictite. (B) Carbonate clast with ooids.

Nyborg Formation

The sampling sites and the additional road cuts are described in the order they appear along the Tanafjord road driving from E towards W.

Road cut 1

This outcrop is very sandy with sandstone beds from 5 cm up to 1 m thick (light pink color), while the mudstone layers are a few cm to 30 cm thick (purple color). The fold axis in the outcrop plunges ~07° towards 251°. Fig. A1.7 is a photo from one of the folds in the outcrop.

Figure A1.7: Mainly massive sandstone beds with some thinner layers of mudstone. Fold axis: 07° → 251°.

Road cut 2

This outcrop consists of an alternation between sandstone and mudstone beds (Fig. A1.8). The sandstone beds are 10 cm up to 1 m thick, while the mudstone beds are a few cm to 20 cm thick. One sandstone bed is massive at the base consisting of medium sand, then it fines upwards to fine sand that is planar laminated. At the top, ripples are observed, and the grain size is very fine sand. This is shown in Fig. A1.8A and is interpreted to represent Bouma A, B, and C, respectively, in a turbidite deposit. The ripples have foresets indicating a paleocurrent towards NNE. At the base of another layer there is a depression that looks like a groove cast (Fig. A1.8B), indicating flow either towards SE or NW. Several ripple foresets in the outcrop indicate paleocurrents towards E and NE (Fig. A1.8C, D). Table A1.1 gives an overview of the paleocurrent measurements in this outcrop.

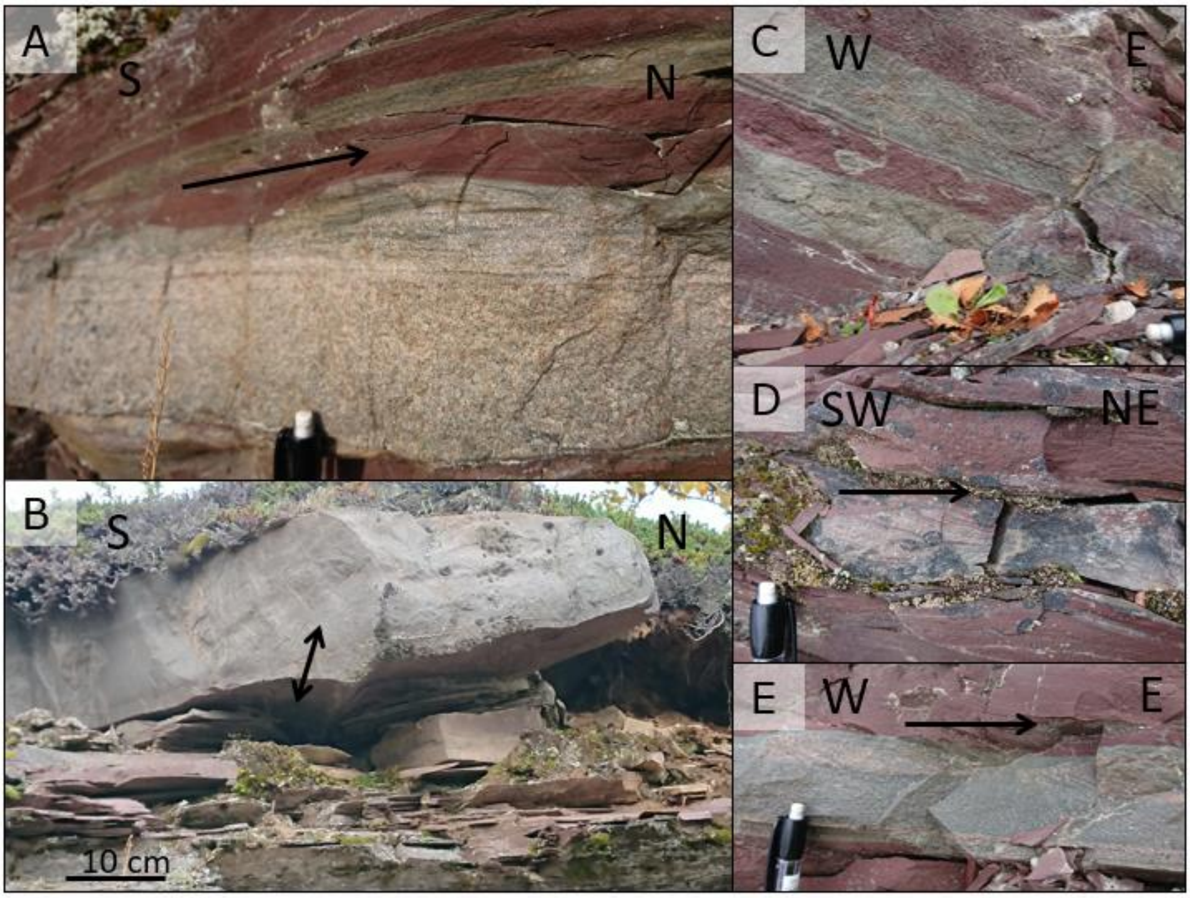


Figure A1.8: (A) Turbidite Bouma A (massive), B (planar laminated) and C (ripples). (B) Possible groove cast. (C) Ball and pillow structures; looks like they are dragged towards the E. (D & E) Ripples with foresets. Arrows indicate paleocurrent directions.

Table A1.1: Paleocurrent measurements from ripples (black), groove casts (green), and dragged pillow structures (orange).

Paleocurrent (°)	Number of observations
N (337.5–022.5)	
NE (022.5–067.5)	2
E (067.5–112.5)	3 1
SE (112.5–157.5)	1 1
S (157.5–202.5)	
SW (202.5–247.5)	
W (247.5–292.5)	
NW (292.5–337.5)	1

Road cut 3

This outcrop is heavily folded and consists of alternating layers of sandstone and mudstone (Fig. A1.9A). The folds have fold axes that plunge ~05° towards NE. The sandstone beds are from a few cm up to 40 cm thick, while the mudstone beds are from a couple of mm to 10 cm. Ripples and flame structures indicate paleocurrents towards the NW as shown in Fig. A1.9B, C and Table A1.2.

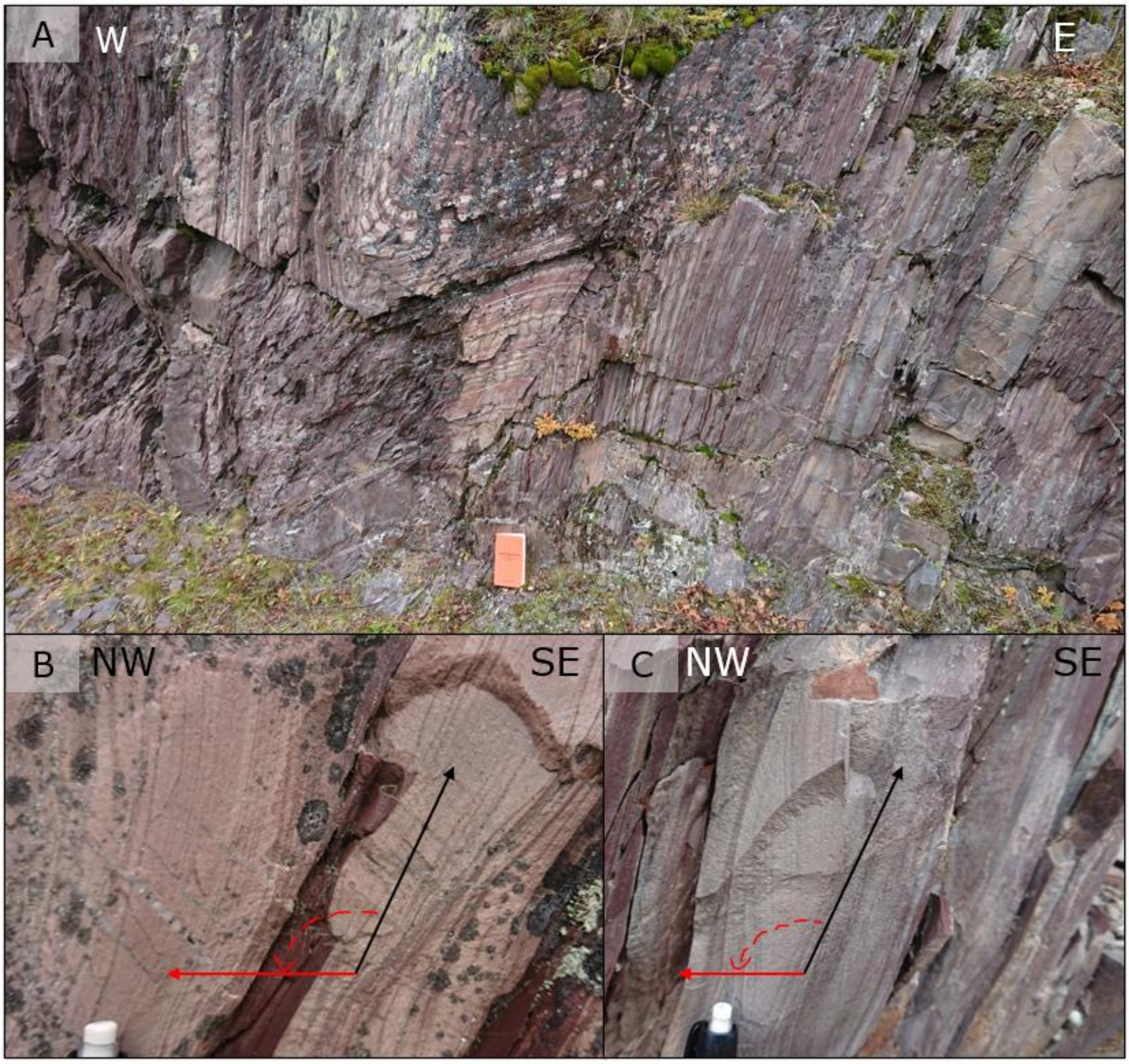


Figure A1.9: (A) Folds with fold axis plunging ~05° towards 045°. (B) Overturned load casts with flame structures indicating paleocurrent towards NW. (C) Overturned ripple indicating paleocurrent towards NW. Black arrows show the observed paleocurrents, red dotted arrows show how the bedding is rotated back to horizontal, and red arrows indicate the original paleocurrent directions prior to folding.

Table A1.2: Paleocurrent measurements from ripples (black) and flame structures (orange).

Paleocurrent (°)	Number of observations
N (337.5–022.5)	
NE (022.5–067.5)	
E (067.5–112.5)	
SE (112.5–157.5)	
S (157.5–202.5)	
SW (202.5–247.5)	
W (247.5–292.5)	1
NW (292.5–337.5)	7 1

Road cut 4

This outcrop is dominated by sandstone beds that are up to 1 m thick, with thinner mudstone beds in between (Fig. A1.10A). The folds in the outcrop have fold axes that plunge ~15° towards SW. Three paleocurrent measurements were made in the outcrop; all from overturned ripples that indicate an original paleocurrent towards NW as shown in Fig. A1.10B and Table A1.3.

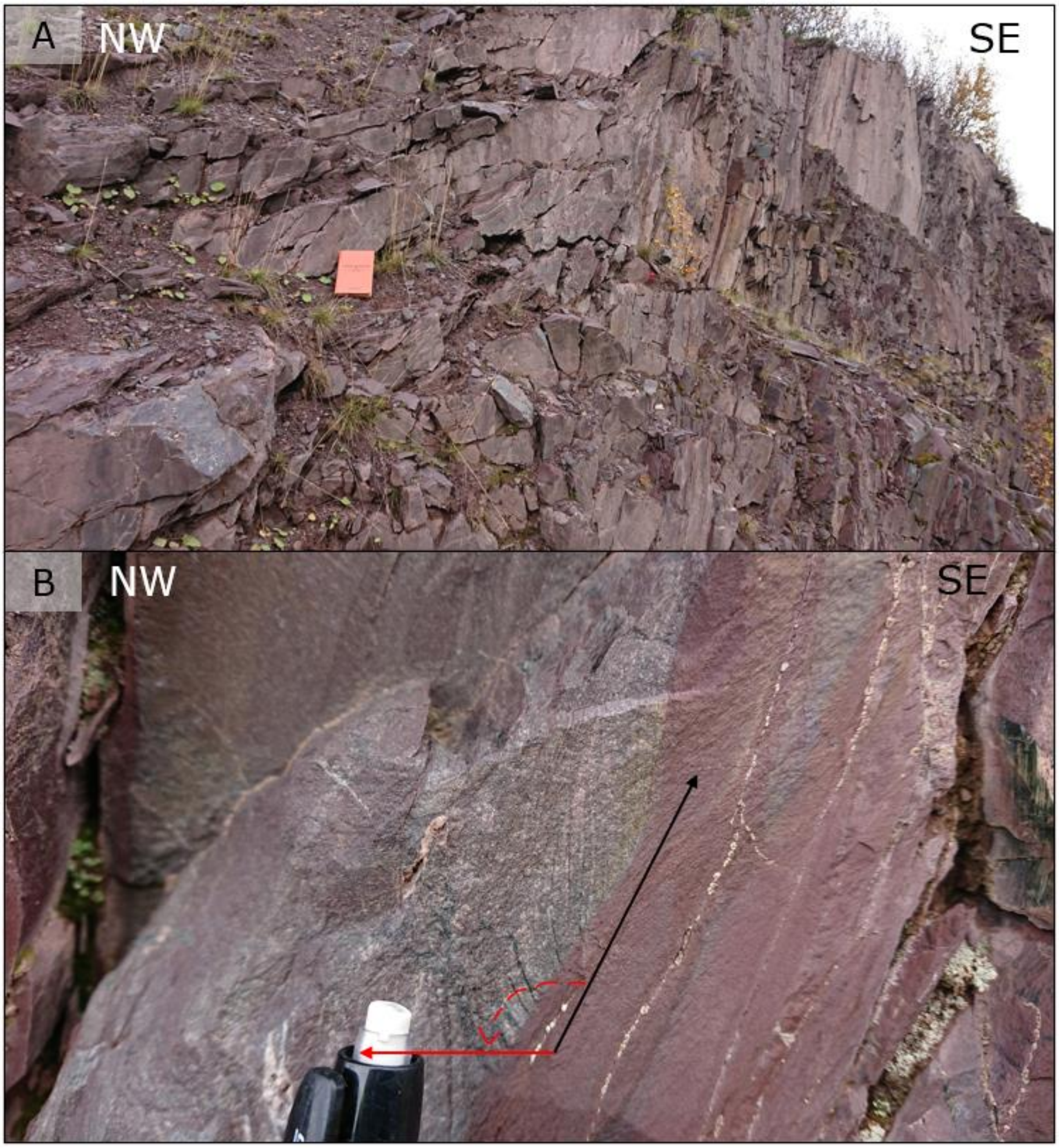


Figure A1.10: (A) Mainly sandstone beds with some thinner layers of mudstone between. The outcrop is folded, and the fold axes plunge ~15° towards 220°. (B) Overturned ripple indicating an original paleocurrent direction towards NW (red arrow).

Table A1.3: Paleocurrent measurements of ripple foresets from the outcrop.

Paleocurrent (°)	Number of observations
N (337.5–022.5)	
NE (022.5–067.5)	
E (067.5–112.5)	
SE (112.5–157.5)	
S (157.5–202.5)	
SW (202.5–247.5)	
W (247.5–292.5)	
NW (292.5–337.5)	3

Road cut 5

Road cut 5 consists of gray sandstone beds in alternation with beds of finer material with a purple color. Observations of load casts indicate that stratigraphic way up is to the top of the outcrop logged in Fig. A1.11. The beds dip approximately 35° towards W. Photos from the outcrop are shown in Figs. A1.12 & A1.13. Paleocurrent indicators measured along the road cut are ripples, dunes, flame structures, and groove and gutter casts (Fig. A1.12B–D and Table A1.4). The majority of measurements give a dominant paleocurrent towards N, but there are also some measurements that point towards a westerly or easterly paleocurrent direction (Table A1.4). The folds in the outcrop have fold axes plunging ~05° towards SSW (Fig. A1.13).

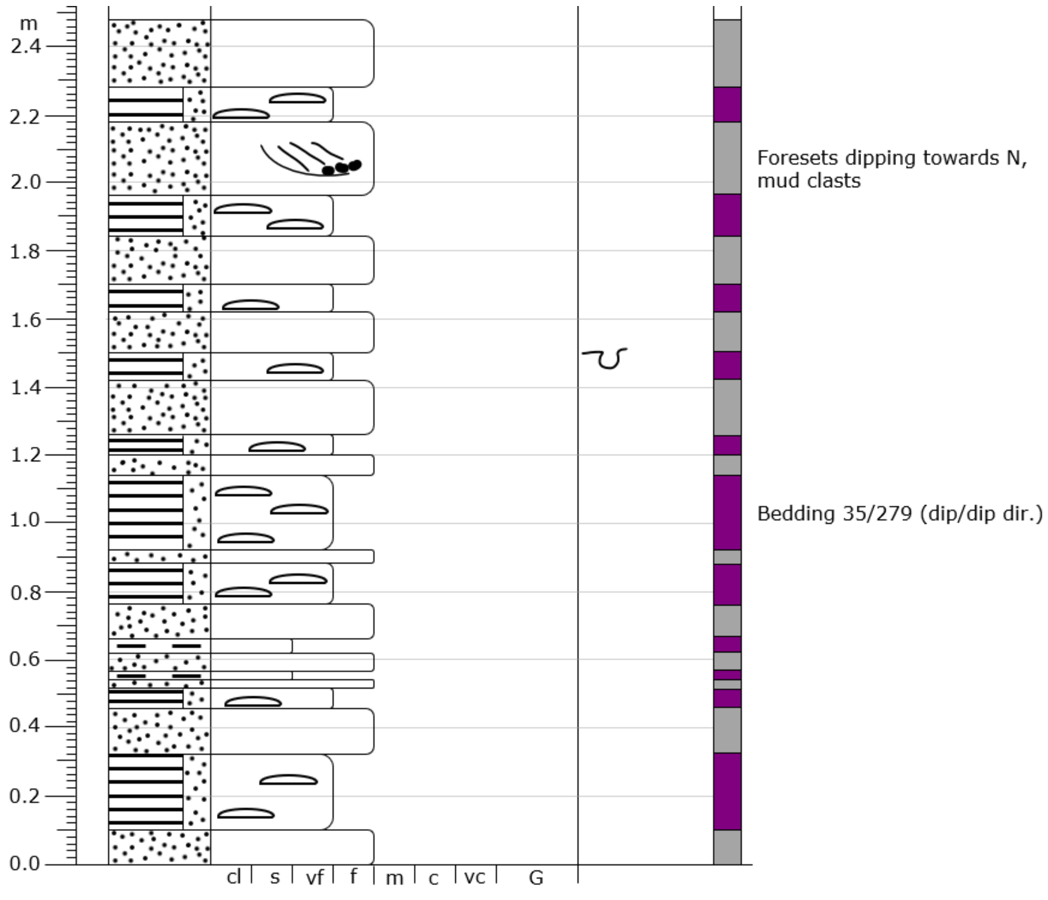


Figure A1.11: Sedimentary log from the outcrop along road cut 5. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

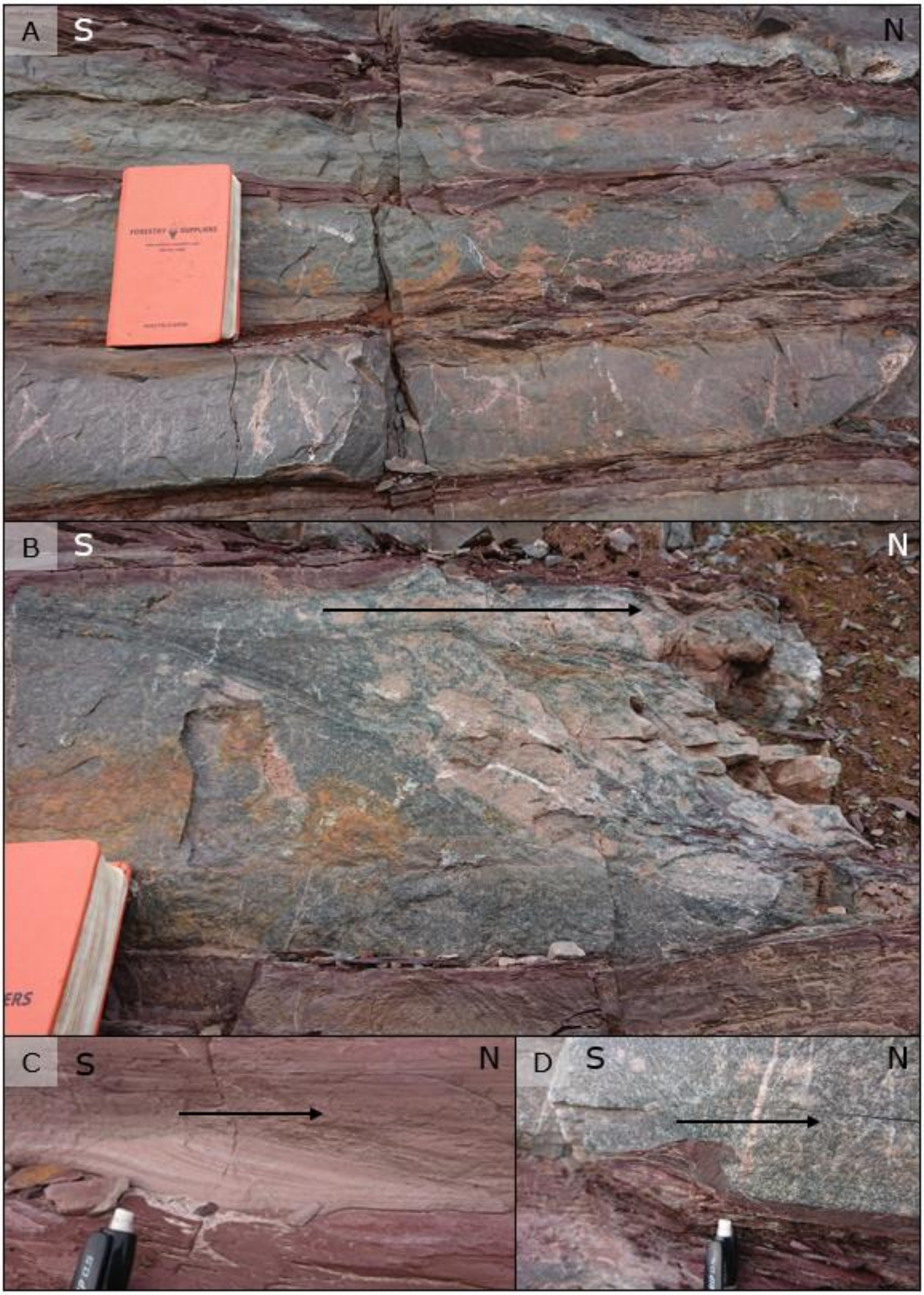


Figure A1.12: (A) Alternating layers of sandstone (gray) and mudstone (purple). (B) Channel shape in one of the sandstone beds with mud clasts in the base and foresets dipping towards N. (C) Ripple with foresets indicating paleocurrent towards N. (D) Load cast with flame structure indicating paleocurrent towards N.

Figure A1.13: Fold with fold axis plunging ~05° towards 210°.

Table A1.4: Paleocurrent measurements of ripple foresets (black), flame structures (orange), dune foresets (pink) and groove/gutter casts (green) indicating two possible paleocurrent directions.

Paleocurrent (°)	Number of observations
N (337.5–022.5)	3 1 1
NE (022.5–067.5)	
E (067.5–112.5)	2
SE (112.5–157.5)	
S (157.5–202.5)	
SW (202.5–247.5)	
W (247.5–292.5)	2 1
NW (292.5–337.5)	

Sample site: NYB119251

At this outcrop there is an alternation between purple, laminated silt-/mudstone and grey very fine- to fine-grained sandstone (Figs. A1.14 & A1.15). Bed thicknesses vary from a few mm to 20 cm, and the beds dip approximately 33° towards the W. Some of the sand layers contain medium to coarse sand grains and rip-up clasts of mud (Fig. A1.15B). There are load casts at the base of several sand beds, that indicate that the stratigraphic way up is to the top of the outcrop (Fig. A1.15C). The folds in the outcrop have fold axes plunging ~40° towards 248° (Fig. 16).

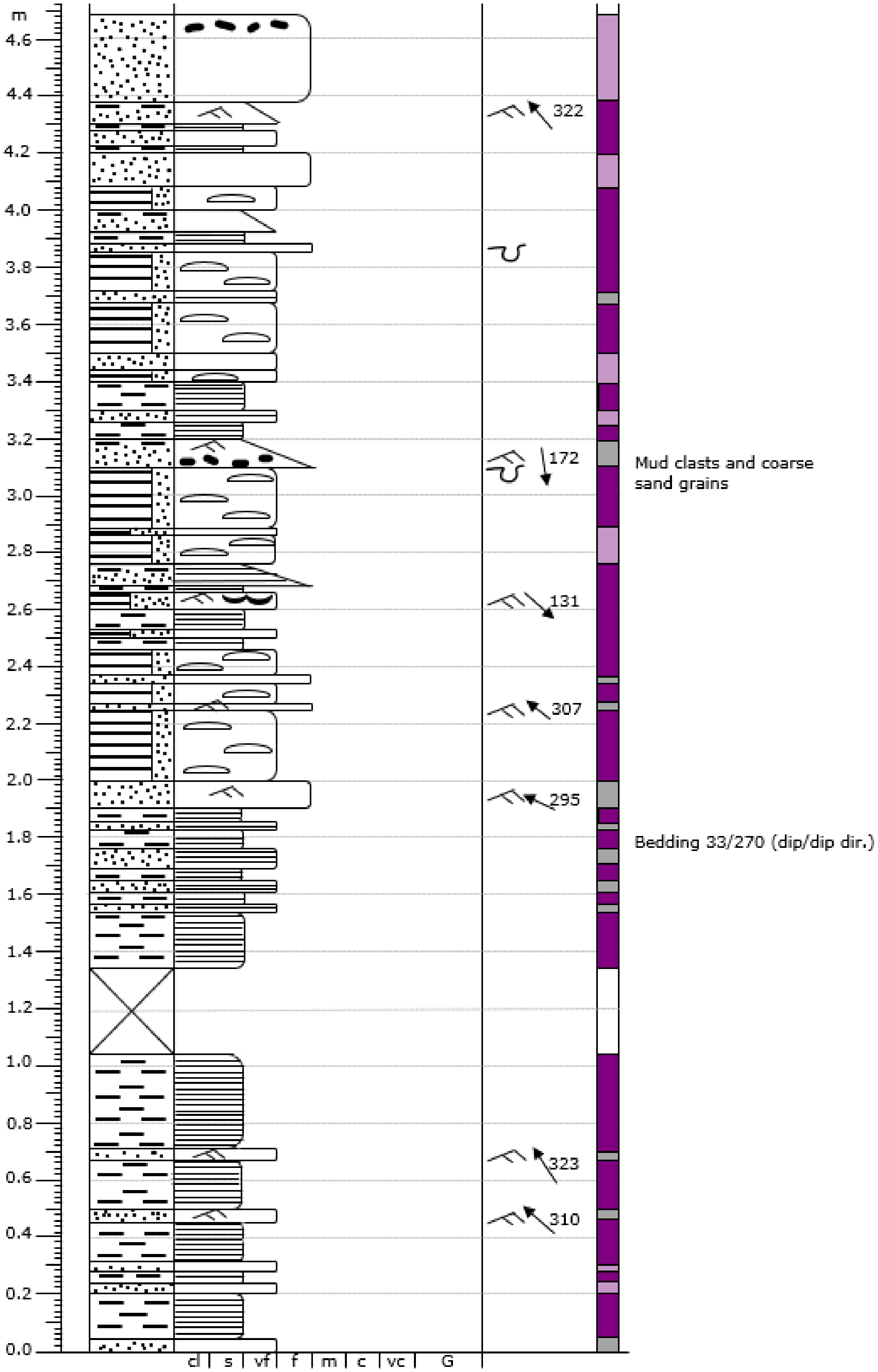


Figure A1.14: Sedimentary log from the sampling site of sample NYB119251. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

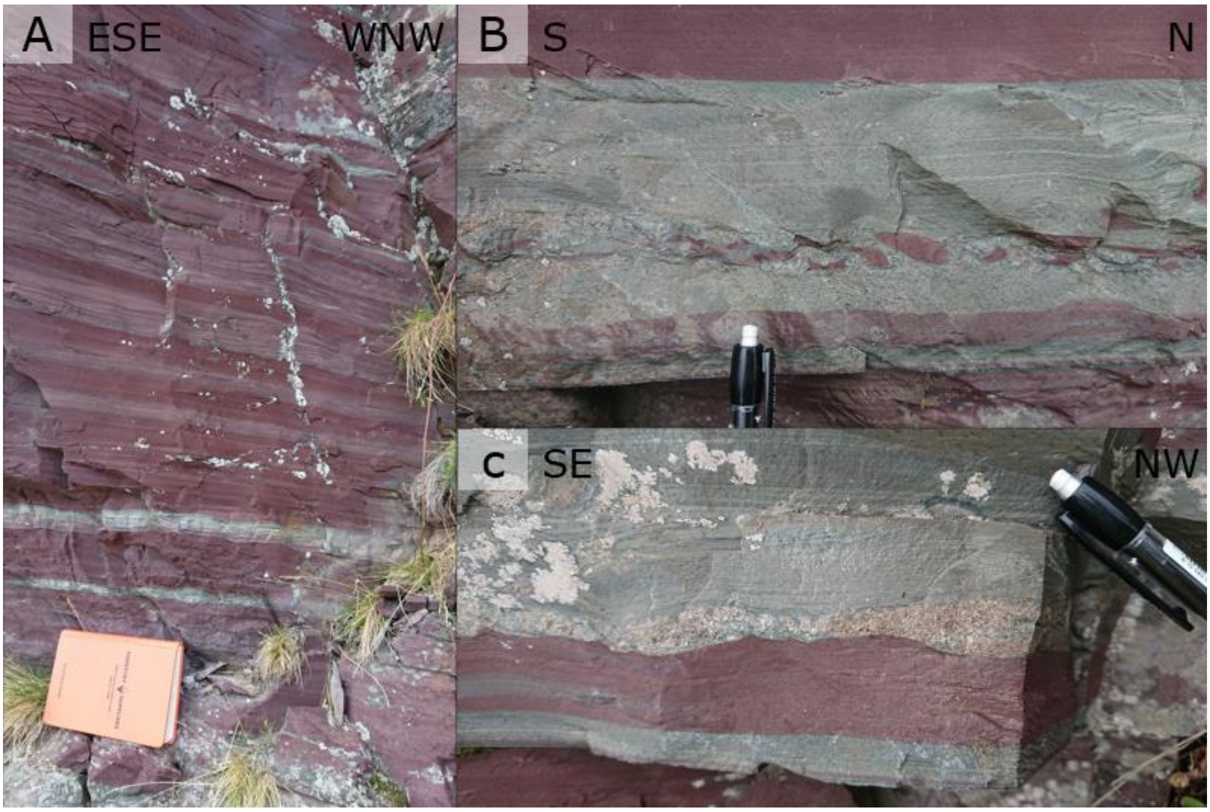


Figure A1.15: (A) Alternation between silt-/mudstone (purple) and sandstone (grey). (B) Sandstone bed with medium to coarse sand grains and rip-up clasts of mud. (C) Sandstone bed with load casts at the base.

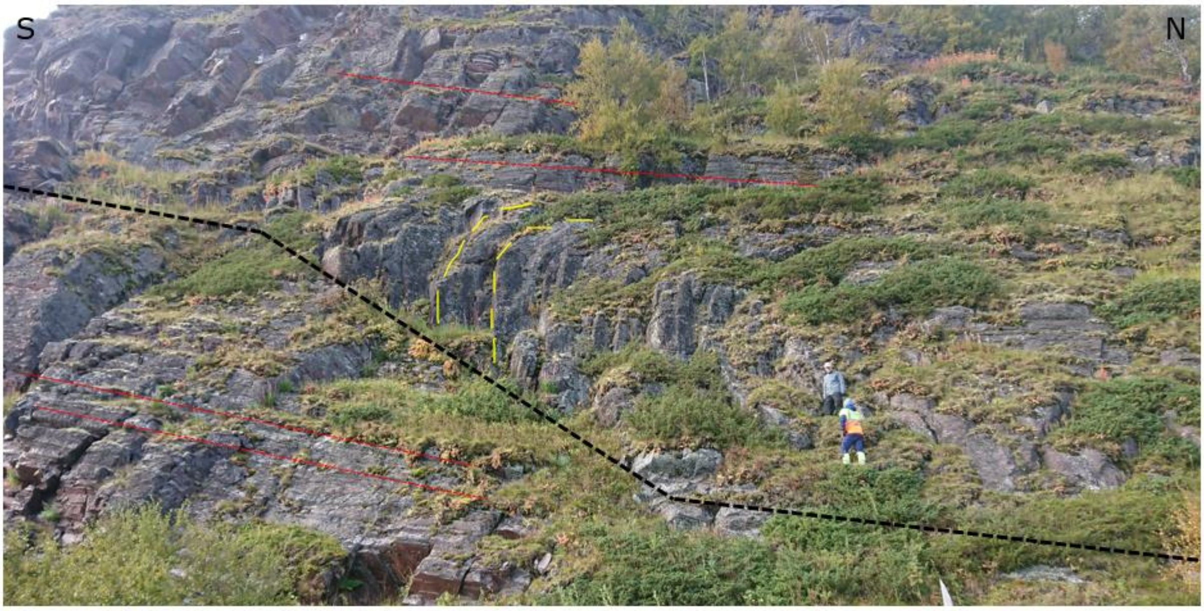


Figure A1.16: Folds highlighted by yellow-dotted lines with planar bedding both under and over (red-dotted lines).

Troughs and ripple foresets indicate various paleocurrent directions as shown in Table A1.5 and in Fig. A1.17. The most dominant directions are towards NW and S. In one of the layers with rip-up clasts and coarse sand grains ripple foresets dipping towards S is observed, indicating flow towards S (Fig. A1.17B).

Table A1.5: Overview of paleocurrent observations in the outcrop. The observations are based on the orientation of ripple foresets (black numbers) and troughs (red numbers, indicating two possible directions).

Paleocurrent (°)	Number of observations
N (337.5–022.5)	
NE (022.5–067.5)	1
E (067.5–112.5)	1 2
SE (112.5–157.5)	1
S (157.5–202.5)	3
SW (202.5–247.5)	1 1
W (247.5–292.5)	2 2
NW (292.5–337.5)	7

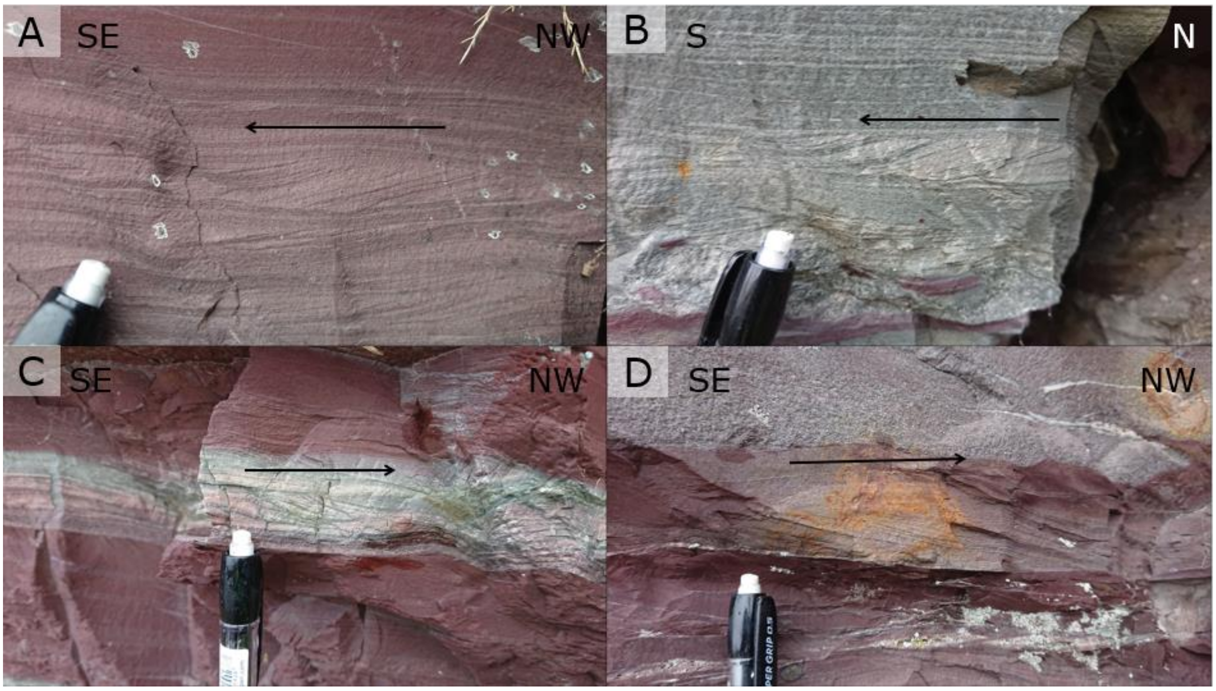


Figure A1.17: Ripple foresets indicating paleocurrent towards SE (A), S (B) and NW (C & D). The arrows show the flow direction.

Road cut 6

In this outcrop there is more sandstone than siltstone, and the sandstone beds are often thicker at this outcrop compared to the sampling site of sample NYB119251. The rocks mainly have a purple color, except for some of the sandstone layers that are gray (Fig. A1.18). A top-to-the-SSE reverse fault with 20 cm of displacement is observed in the outcrop (Fig. A1.18A). The beds dip approximately 30° towards W. Some of the beds are fining upwards from fine sand to silt as shown in Fig. A1.18B. In Fig. A1.18C there is a channel shape that can be a channel or a dune trough, that indicates a paleocurrent either towards SW or NE. One ripple with foresets indicates flow towards S (Fig. A1.18D). Table A1.6 gives an overview of the paleocurrent measurements from this outcrop.

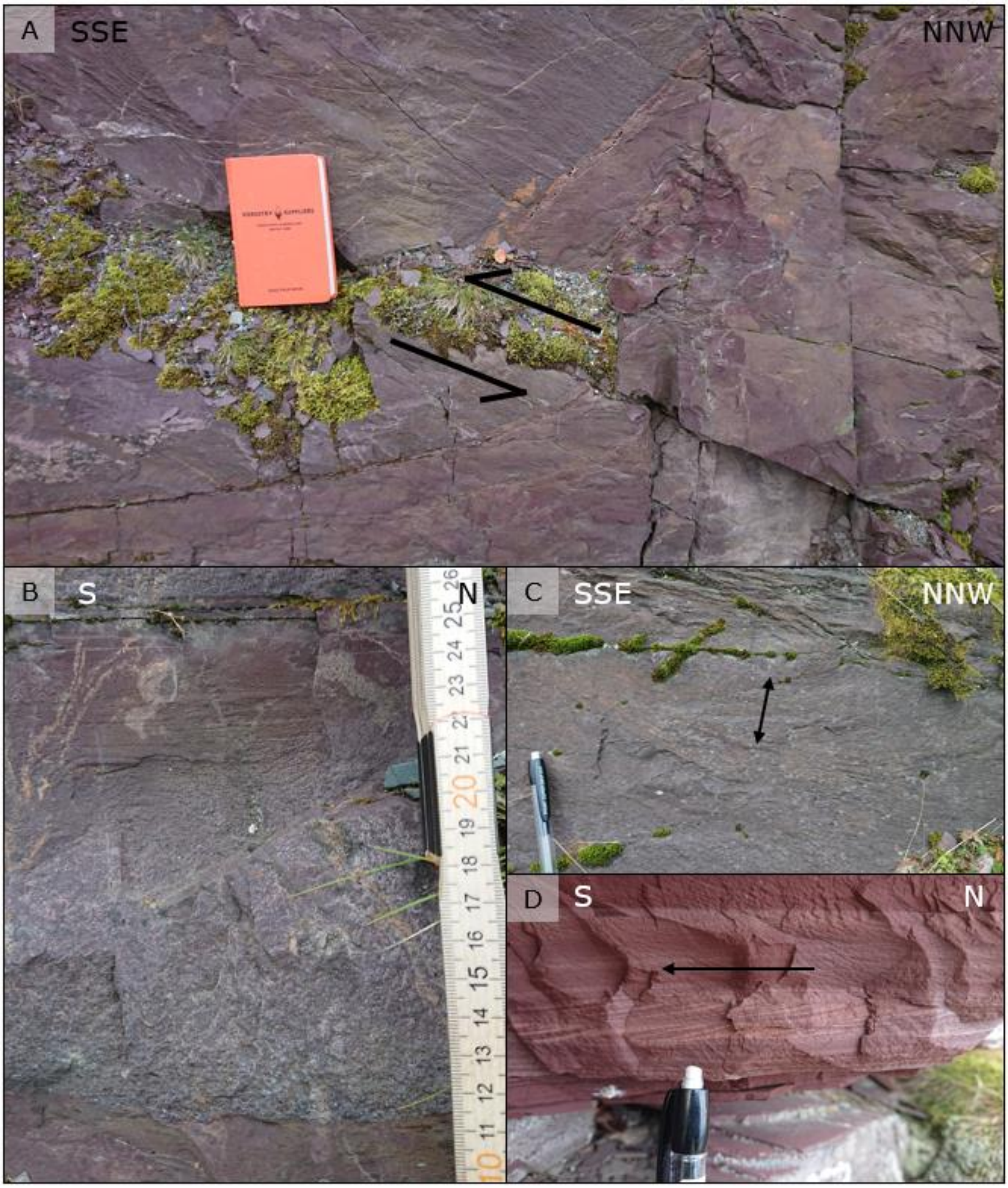


Figure A1.18: (A) A top-to-the-SSE reverse fault with a displacement of ca. 20 cm. (B) Fining upwards from fine sand to silt with load casts at the base. (C) Channel or dune indicating flow in or out of the photo (towards ENE or WSW). (D) Ripple foresets indicating paleocurrent towards S.

Table A1.6: Paleocurrent measurements of dune- and ripple troughs (red, indicating two possible directions) and ripple foresets (black).

Paleocurrent (°)	Number of observations
N (337.5–022.5)	
NE (022.5–067.5)	2
E (067.5–112.5)	
SE (112.5–157.5)	
S (157.5–202.5)	1
SW (202.5–247.5)	2
W (247.5–292.5)	
NW (292.5–337.5)	

Road cut 7

In this road cut the bedding consists of more mudstone than sandstone and is dominated by siltstones and lenticular bedding (Figs. A1.19 & A1.20). In some sand-rich layers hummocky cross stratification is observed. Ripples mainly indicate paleocurrent directions towards NW as shown in Table A1.7. The folds in the outcrop have fold axes plunging ~22° towards SW (Fig. A1.21).

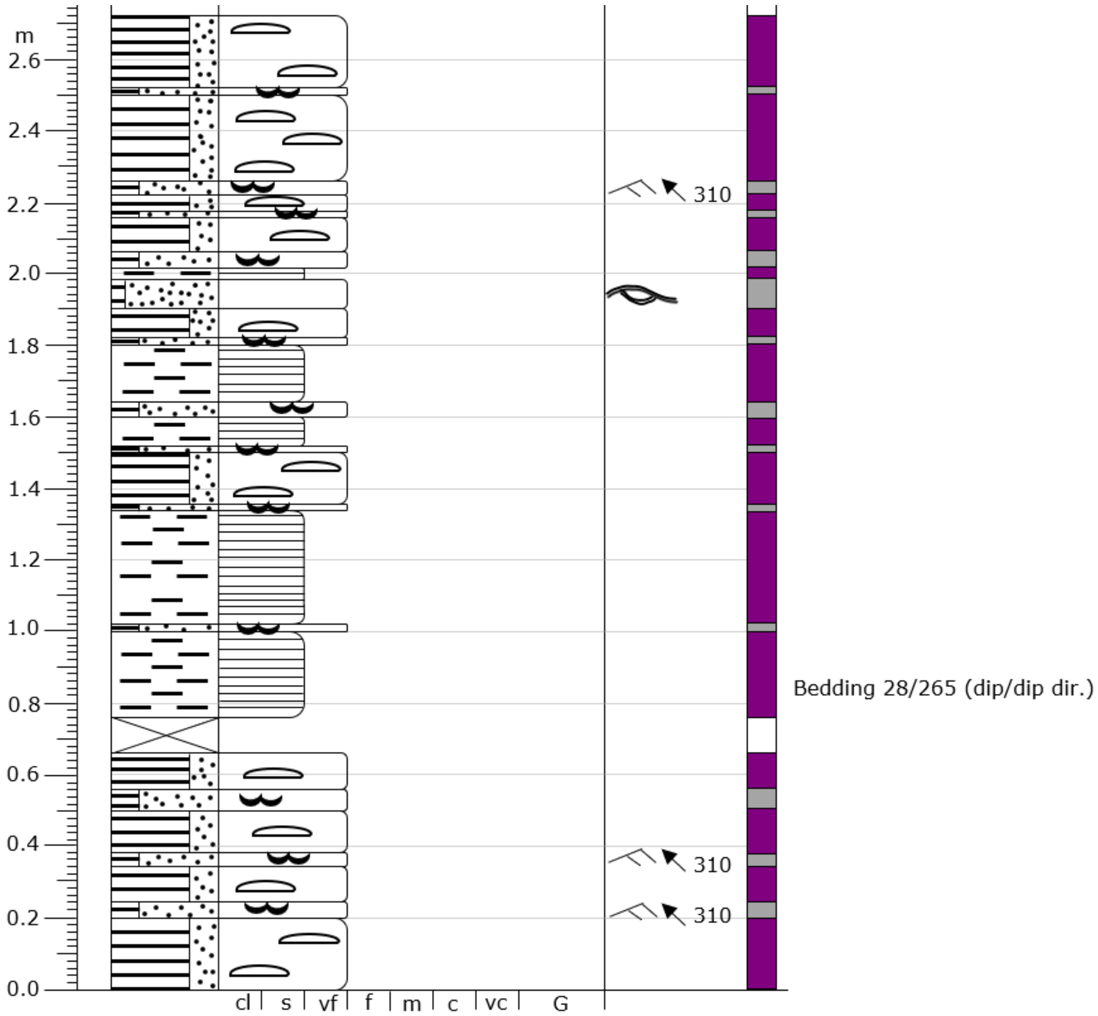


Figure A1.19: Sedimentary log from road cut 7. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

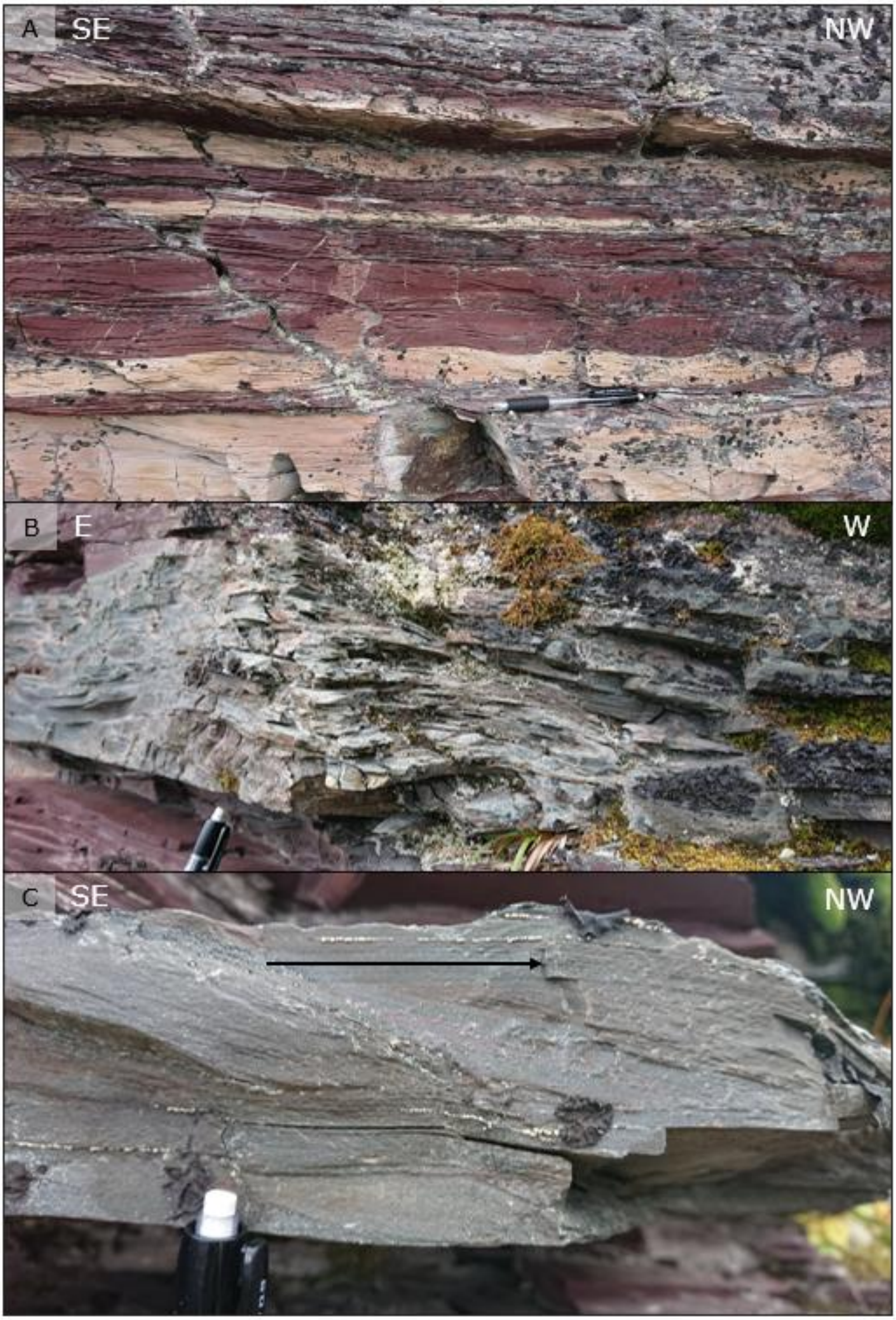


Figure A1.20: (A) Alternating sand-rich layers (beige) and mud-rich layers (red). In the sandstone bed at the base in the photo the layers have the shapes of hummocks and swales indicating that this might be hummocky cross stratification (HCS). (B) Another example of a bed with HCS. (C) Ripple with foresets indicating paleocurrent towards NW. Troughs were also observed in the perpendicular cross section.

Table A1.7: Overview of paleocurrent observations in the outcrop. The observations are based on the orientation of ripple foresets (black numbers) and troughs (red numbers, indicating two possible directions).

Paleocurrent (°)	Number of observations
N (337.5–022.5)	1
NE (022.5–067.5)	2
E (067.5–112.5)	
SE (112.5–157.5)	
S (157.5–202.5)	
SW (202.5–247.5)	2
W (247.5–292.5)	1
NW (292.5–337.5)	5

Figure A1.21: Fold with fold axis plunging ~22° towards 218°.

Sample site: NYB119256

This outcrop has the same lithology as the sampling site of sample NYB119251 (Figs. A1.22 & A1.23A). The bedding dips approximately 28° towards NW. The dominant paleocurrent is towards W (Fig. A1.23C, D). Wave ripple crests indicate movement in E–W-directions (Fig. A1.23B). Table A1.8 is an overview of the paleocurrent measurements at the sample site. The fold axes plunge ~05° towards 215° (Fig. A1.24).

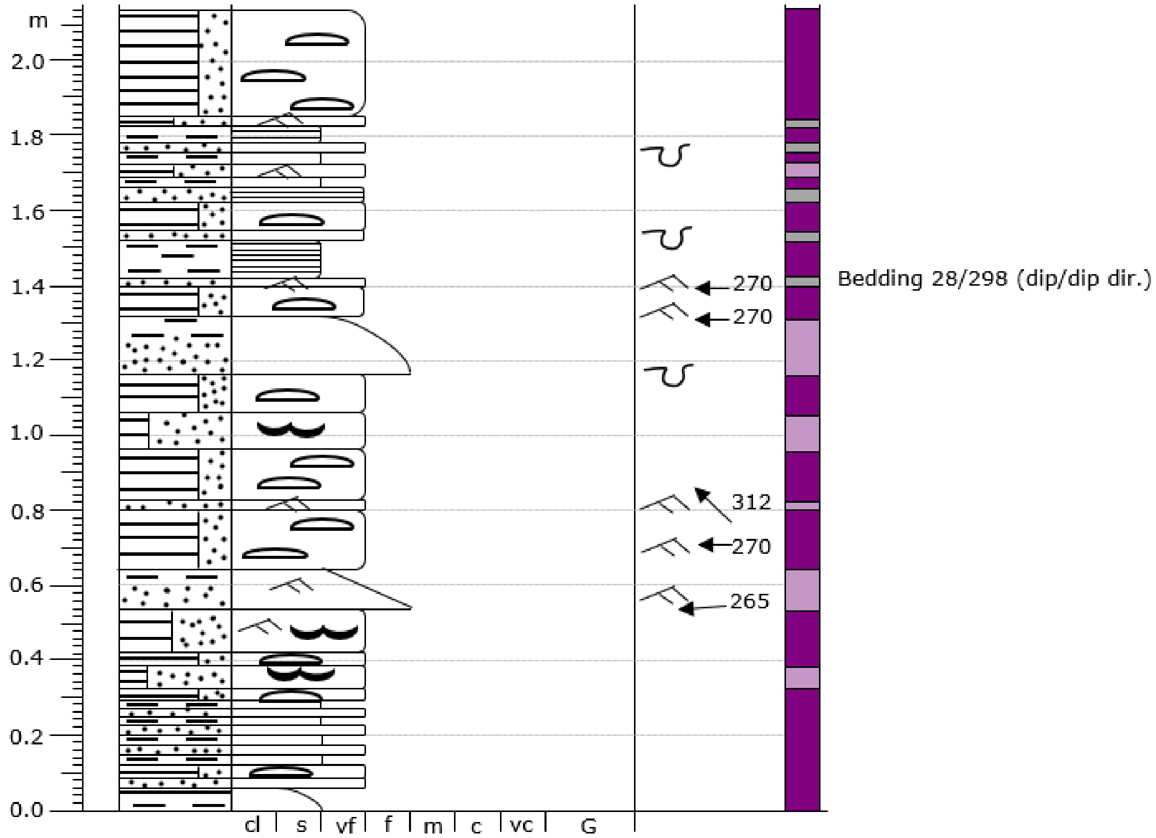


Figure A1.22: Sedimentary log from the sampling site of sample NYB119256. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

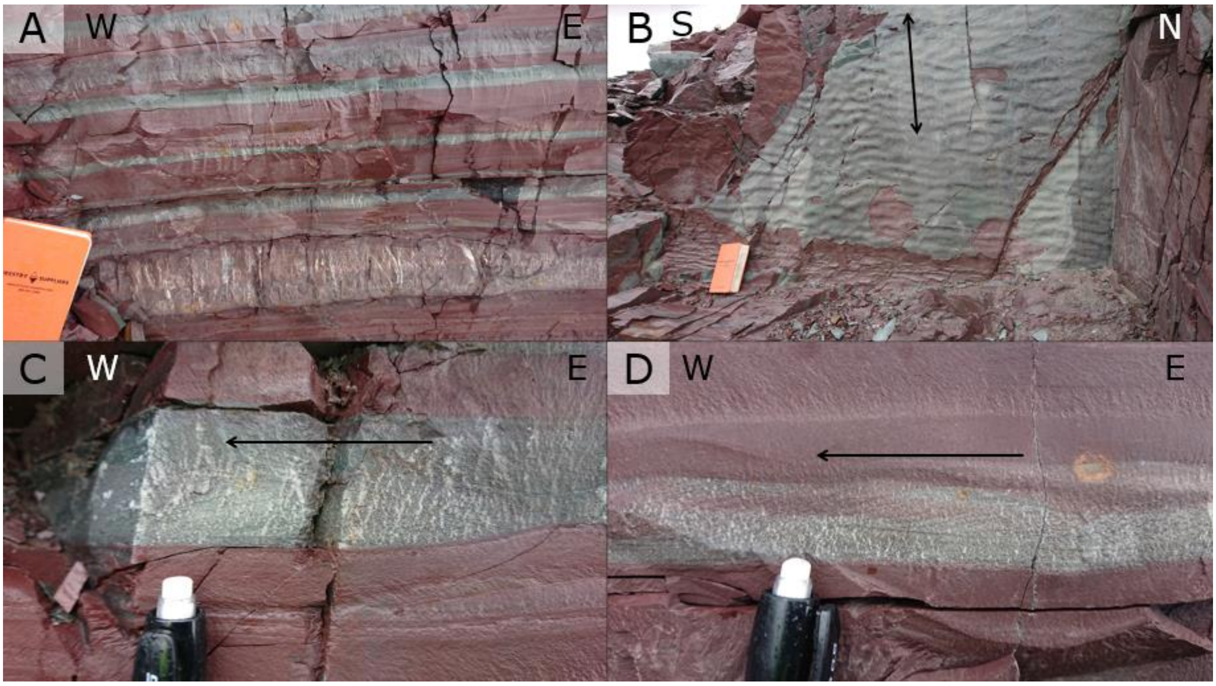


Figure A1.23: (A) Alternating layers of silt-/mudstone (purple) and sand (gray). (B) Overturned wave ripple crests indicating paleocurrents towards E and W. (C & D) Ripple foresets indicating paleocurrent towards W.

Table A1.8: Paleocurrent observations from ripple foresets (black) and wave ripple crest (blue).

Paleocurrent (°)	Number of observations
N (337.5–022.5)	
NE (022.5–067.5)	
E (067.5–112.5)	1
SE (112.5–157.5)	
S (157.5–202.5)	
SW (202.5–247.5)	
W (247.5–292.5)	4 1
NW (292.5–337.5)	1

Figure A1.24: Folds with fold axes plunging 05° towards 215°

Sample site: NYB119264 (short description from 2021)

Alternating layers of mudstone and fine-grained sandstone. Bed thicknesses vary between mm and a few dm. The color is mostly gray, but in some layers the color is green-/blueish. Some beds are planar laminated, and there is some cross stratification and load casts that indicate that the stratigraphic way up is to the top of the outcrop. Fig. A1.25 shows some photos from the outcrop.

Figure A1.25: Photos from the sampling site of NYB119264 at the Digermul Peninsula. (A) Cross stratification of sand bed. (B) Loading of sand into the underlying finer sediments.

Transition between the Nyborg Formation and the Mortensnes Formation

When driving from Tanafjord up towards Ifjordfjellet the border between the Nyborg Formation and the Mortensnes Formation can be studied in one of the road cuts. A sedimentary log from this outcrop is shown in Fig. A1.26, and Fig. A1.27 shows a photo of the transition. In this outcrop both formations have a gray color. It looks like the boundary between the two formations is a gradual one without any unconformities. The Nyborg Formation consists of alternating mud-rich and sand-rich layers that are folded (Fig. A1.28A). This is followed by some meters of diamictite (Fig. A1.29A) with a fault zone before there is a short interval of alternating beds of siltstone and sandstone (Fig. A1.29B). These alternating beds also have some larger clasts in them that have sunk into the underlying layers (Fig. A1.29C). This is then followed by massive diamictite. It appears as if there is a general increase in the clast size when one moves further away from the contact until one reaches the interval with alternating silt- and sandstone in the Mortensnes Formation (Fig. A1.26). In the Nyborg Formation some ripples that indicate paleocurrents towards N are observed (Table A1.9).

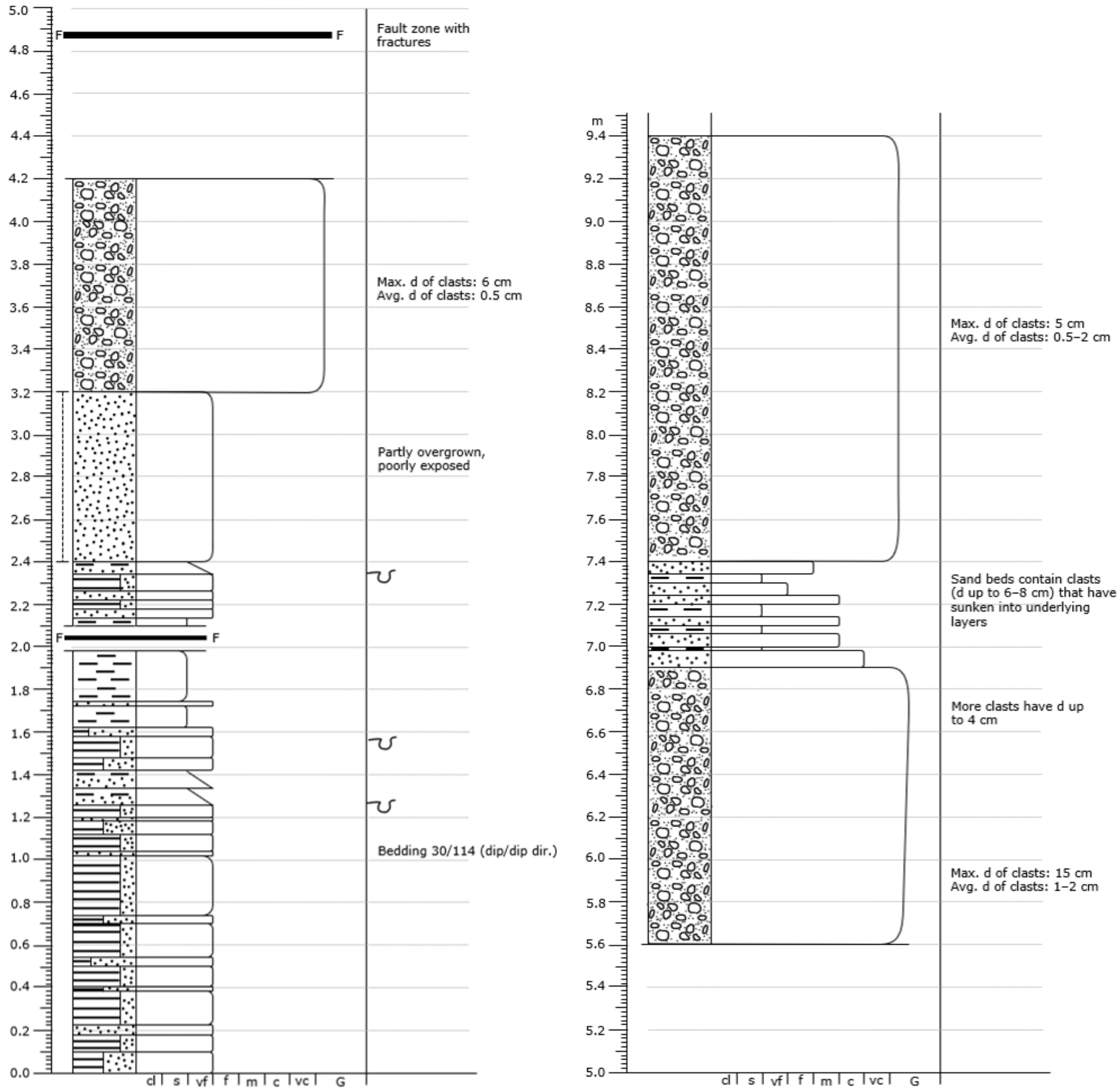


Figure A1.26: Sedimentary log showing the transition between the Nyborg Formation and the Mortensnes Formation. The vertical scale is in meters. The rocks have a gray color. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel, d – diameter.

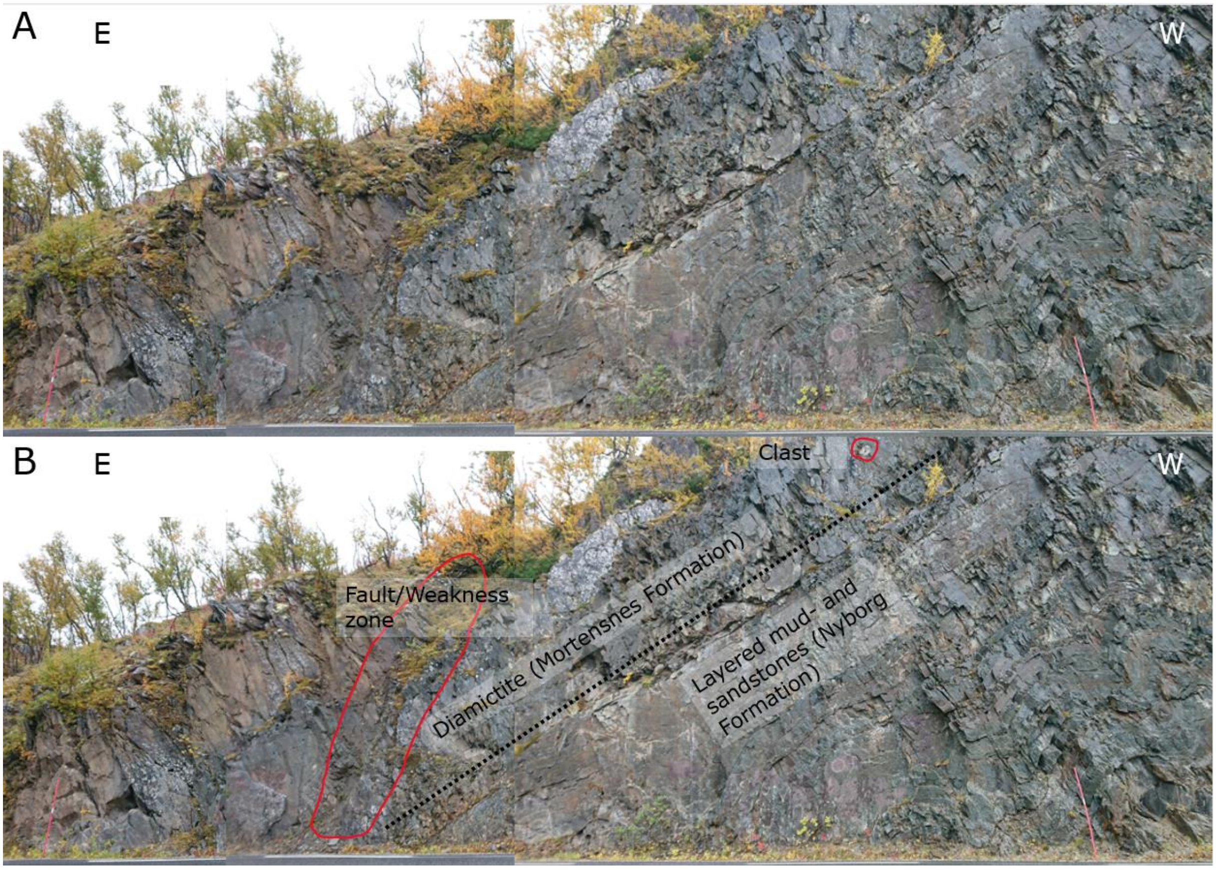


Figure A1.27: Photo from the outcrop where the transition between the Nyborg Formation and the Mortensnes Formation is observed. (A) Photo without annotations. (B) Photo with annotations.

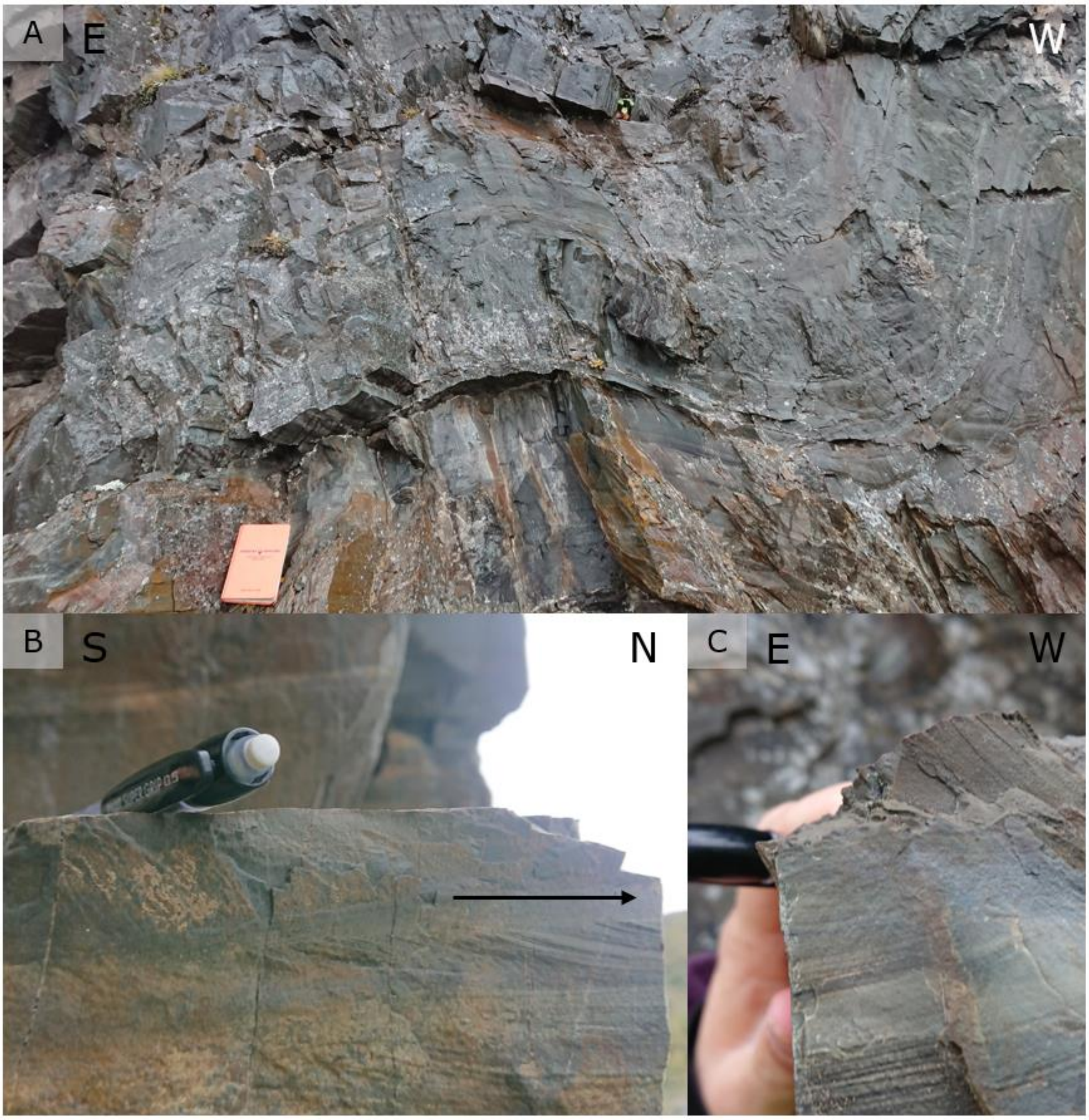


Figure A1.28: Photos from the Nyborg Formation. (A) The color of the rock is gray, and the layers are folded around weakly NNE plunging fold axes. (B and C) Ripple indicating paleocurrent towards N seen from two different directions; (B) Ripple foresets and (C) ripple troughs.

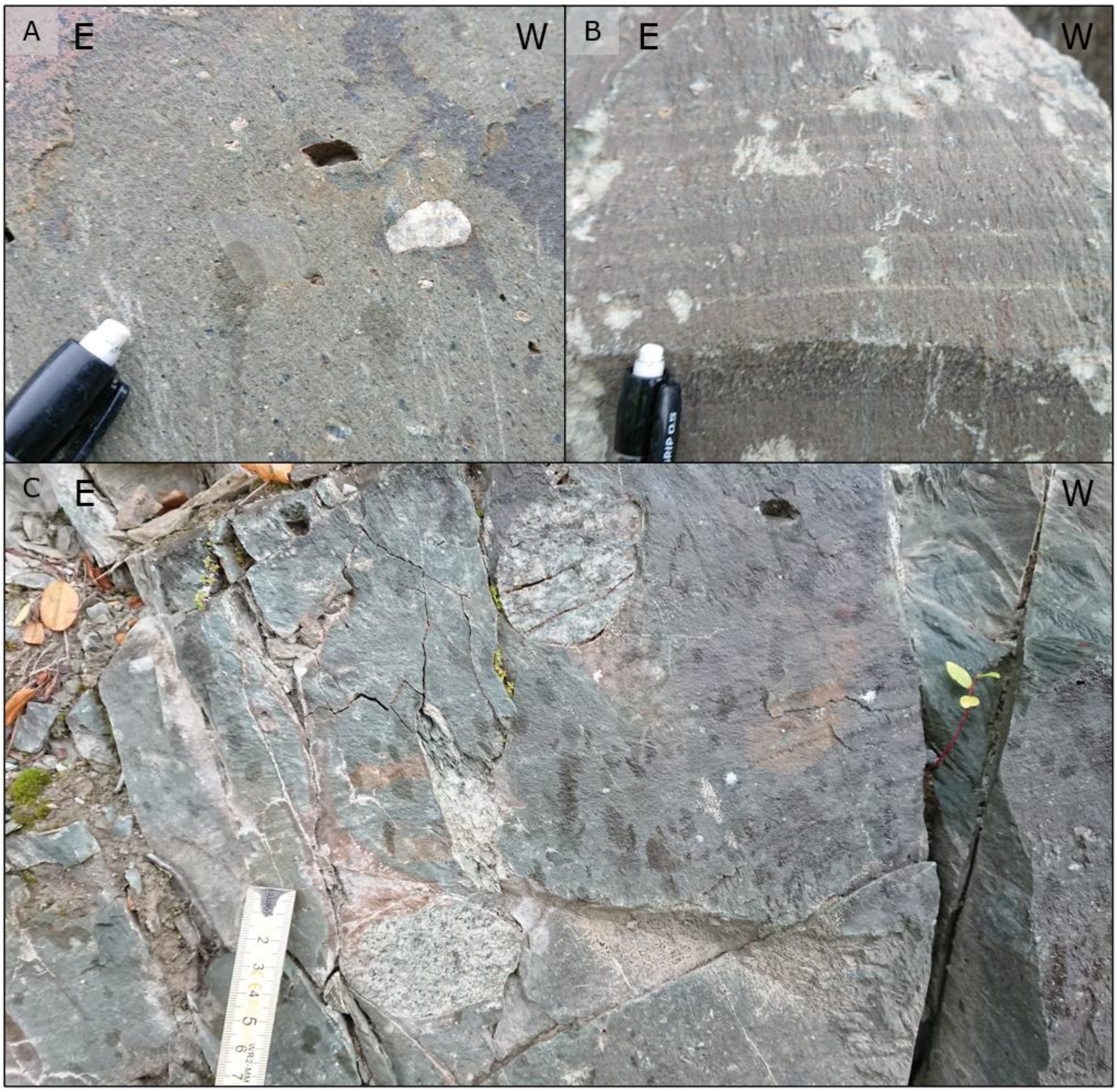


Figure A1.29: Photos from the Mortensnes Formation. (A) Massive diamictite. (B) Layers of sandstone and siltstone. (C) Clasts that have sunken into the underlying layers.

Table A1.9: Paleocurrent observations in the Nyborg Formation below the transition. Ripple foresets are black (indicate one direction) and ripple troughs are red (indicate two possible directions).

Paleocurrent (°)	Number of observations
N (337.5–022.5)	3 1
NE (022.5–067.5)	
E (067.5–112.5)	1
SE (112.5–157.5)	
S (157.5–202.5)	1
SW (202.5–247.5)	
W (247.5–292.5)	1
NW (292.5–337.5)	

Mortensnes Formation

Sample site: MORT119254

A massive, gray, matrix-supported diamictite is observed at the sampling site of MORT119254 (Fig. A1.30). The matrix consists of mainly fine to medium sand grains. The clasts have an average diameter between 0.5 and 2 cm, but some are up to 30 cm. Observed clast types are dolomite, oolite, granitoid, and gneiss (Fig. A1.30B–D). The clasts are mainly subrounded, but they can also be subangular to rounded.

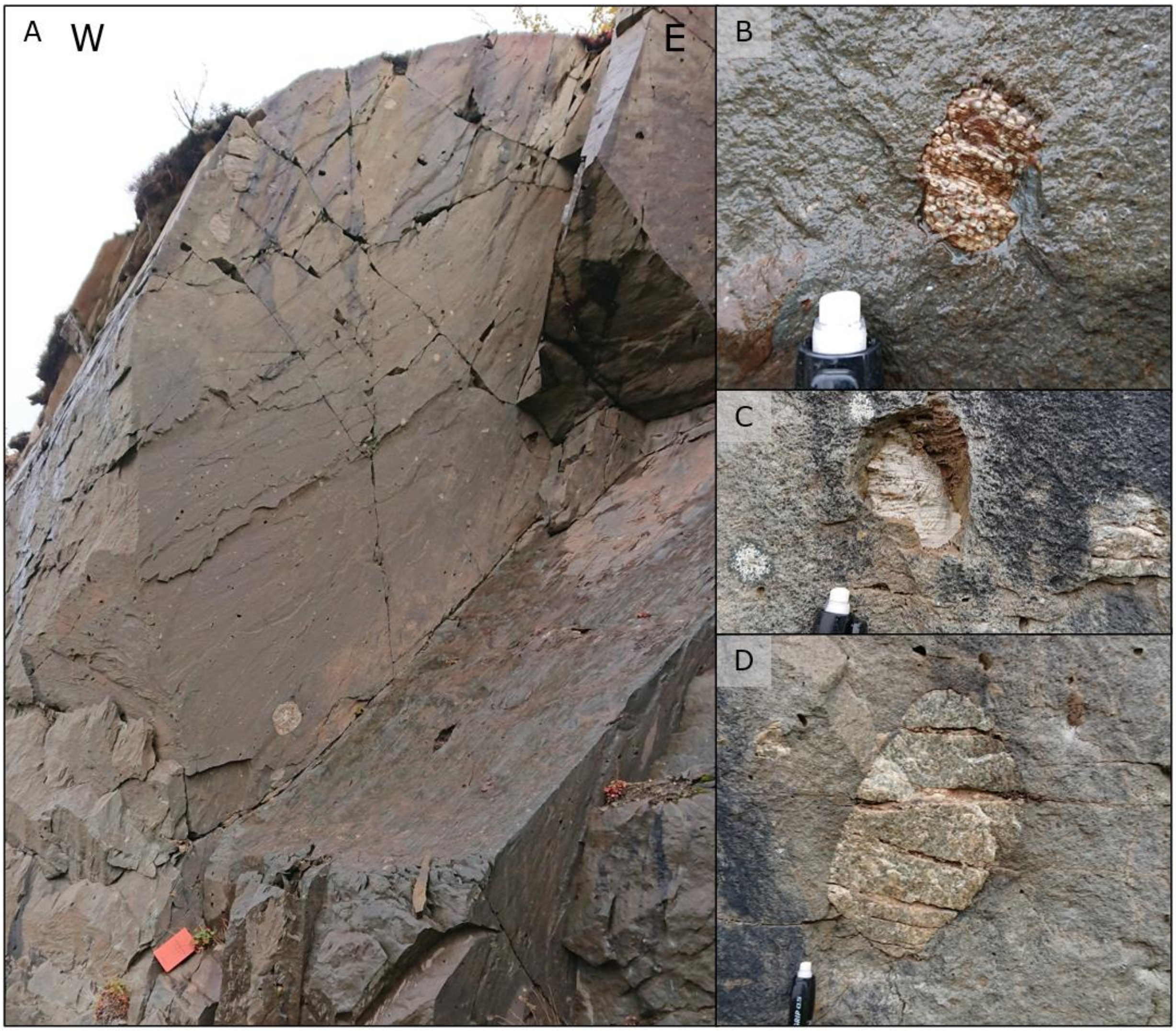


Figure A1.30: (A) Massive matrix-supported diamictite with carbonate clasts with ooids (B), dolomite clasts (C), and granite clasts (D).

Sample site: MORT119265 & MORT119266 (short description from 2021)

Matrix-supported, massive diamictite containg a lot of carbonate clast, but also some granite clasts. The rock has a brown-gray color. The majority of clasts have a diameter of 0.5–3 cm, but some are up to 0.5 m. Two photos from the outcrop are shown in Fig. A1.31.

Figure A1.31: Photos from the sample site of MORT119265 and MORT119266 at the Digermul Peninsula. (A) Massive matrix-supported diamictite. (B) A carbonate clast with a diameter of ~40 cm.

Stáhpogieddi Formation

The Stáhpogieddi Formation is divided into three members. In this section the outcrops from the lowest member, Lillevatnet, will be described first, followed by descriptions from the middle member, Innerelva, and at the end the outcrops of the uppermost member, Manndrapselva.

Sample site: STAL119260

This sample is taken from the lowest member in the Stáhpogieddi Formation — the Lillevatnet Member. The outcrop is unfortunately poorly exposed due to overgrowth and deformation of the rocks. An alternation between finer and coarser layers is observed. The finer layers are a shale with a rusty color probably caused by weathering of the rock (Fig. A1.32A). The shale beds vary in thickness from a few cm up to ca. 0.8 m. In between there are layers of sandstone (Fig. A1.32B). The grain size of the sand is difficult to determine precisely in this outcrop but is looks like it is very fine to fine sand. The sand beds are gray, and they vary in thickness from 1 to 20 cm. The bedding dips approximately 45° towards NW and no folds are observed at this locality. A sedimentary log from the outcrop is shown in Fig. A1.33.

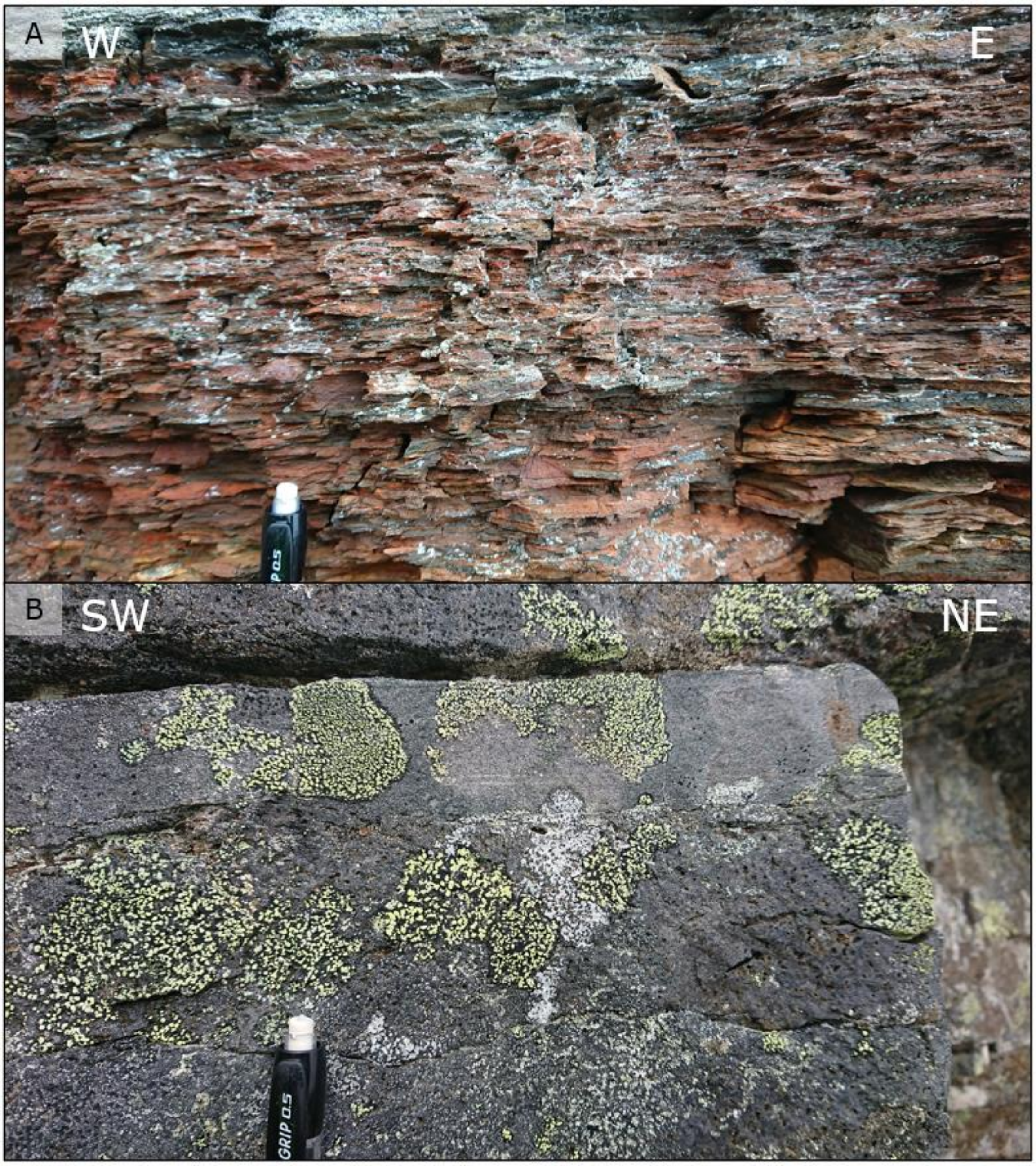


Figure A1.32: Rusty-colored shale bed (A) and gray-color sand bed (B) at the sample site of STAL119260.

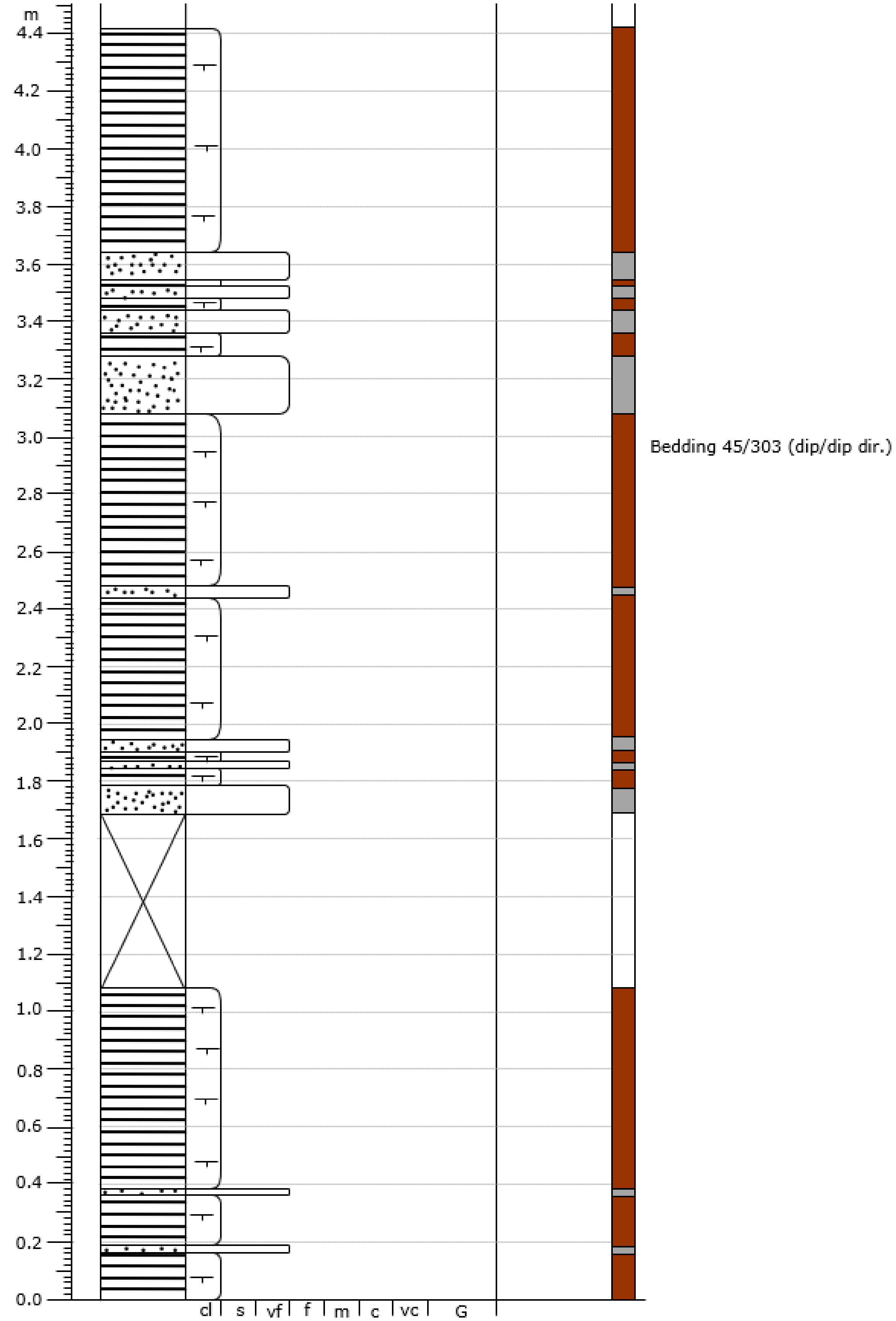


Figure A1.33: Sedimentary log from the sampling site of STAL119260. The vertical scale is meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

Sample site: STAL119267 (short description from 2021)

Alternation between fine-grained and coarse-grained quartzite. The color varies between light gray/yellow (Fig. A1.34A) and dark gray (Fig. A1.34B). The beds are penetrated by quartz veins, and it appears that some of the quartz in the beds are recrystallized.

Figure A1.34: Photos from the sample locality of STAL119267 at the Digermul Peninsula.

Sample site: STAI119257

This sample belongs to the Innerelva Member of the Stáhpogieddi Formation. The outcrop consists of alternating sandstone and shale beds with some layers of siltstone (Figs. A1.35 & A1.36). The color is mainly red but one of the sandstone beds has a gray-brown color. A fold that was measured had a fold axis plunging ~10° towards 225° and the beds dip approximately 30° towards ENE.

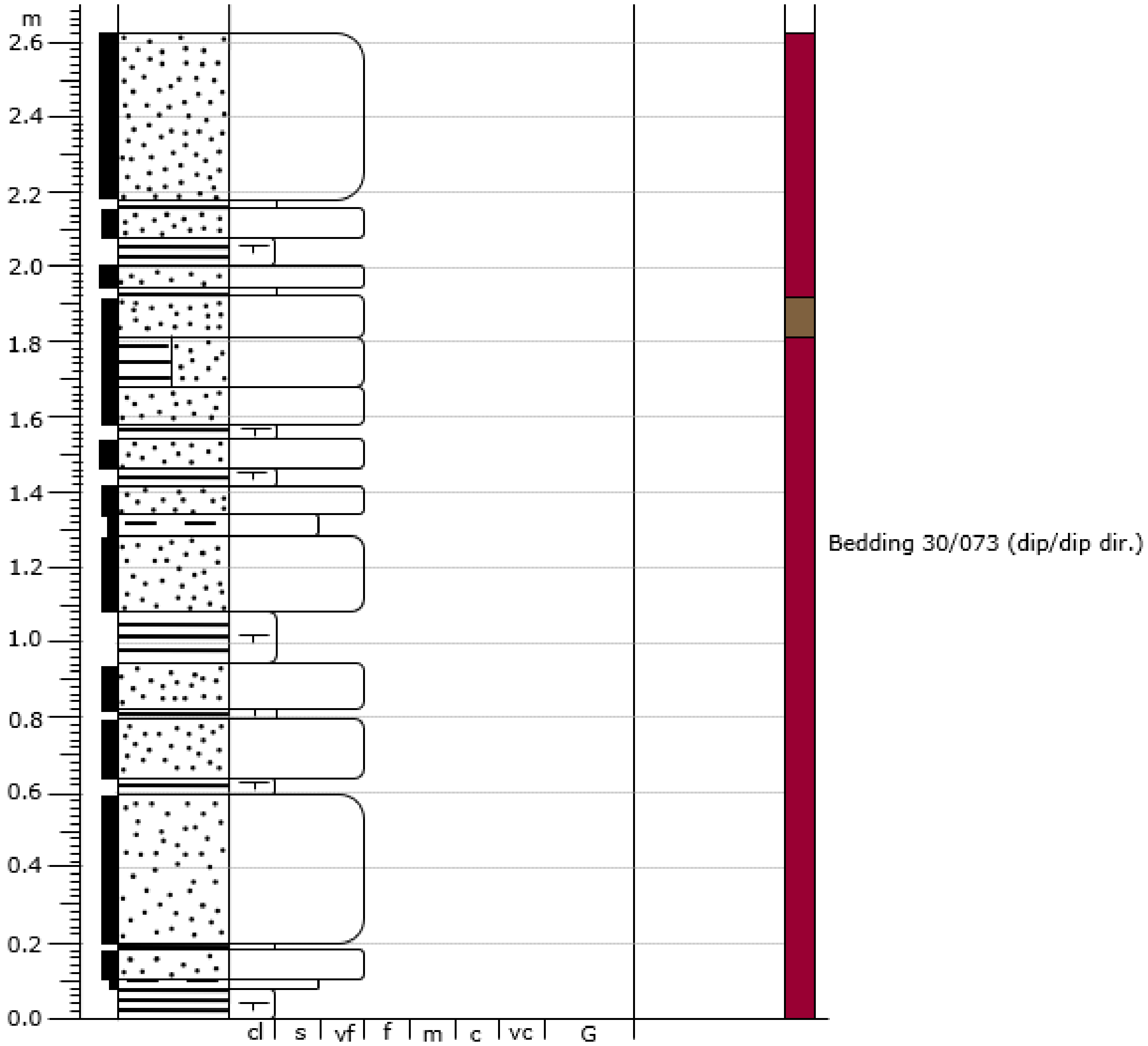


Figure A1.35: Sedimentary log from the sampling site of STAI119257. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

Figure A1.36: Photo from the sampling site of STAI119257, showing an alternation of red sandstone beds and shale.

Additional road cuts in the Innerelva Member

Six additional sedimentary logs were made at road cuts in the Innerelva Member of the Stáhpogieddi Formation. The logs are shown in Figs. A1.37 & A1.38. Road cut 1 is furthest towards E and road cut 6 is furthest towards W.

The lithology of the outcrops is mainly heterolithic bedding with varying amounts of sandstone and mudstone (Fig. A1.39). The mudstone has a gray-green color, and the sandstone is gray-brown. In road cut 1 there is mainly lenticular bedding (Fig. A1.37A), while there is more wavy bedding in road cut 2 (Fig. A1.37B). Road cut 3 consists of lenticular bedding and there are ripples in a sandstone bed that indicate a paleocurrent towards NE (Figs. A1.37C & A1.39B). The outcrop that contains most sandstone is the fourth road cut. In this road cut there is mainly flaser bedding (Fig. A1.38A) and ripples indicate a paleocurrent towards E. In road cuts 5 and 6 there is mainly lenticular bedding and several paleocurrent directions are measured (Fig. A1.38B, C). The bedding generally dips towards W except for road cut 2, where it dips towards E. This is most likely caused by folding of the layers. Table A1.10 gives an overview of the paleocurrent measurements along these road cuts of the Innerelva Member. The measurements show that there is some variation in the directions, but the dominant ones are towards N and E.

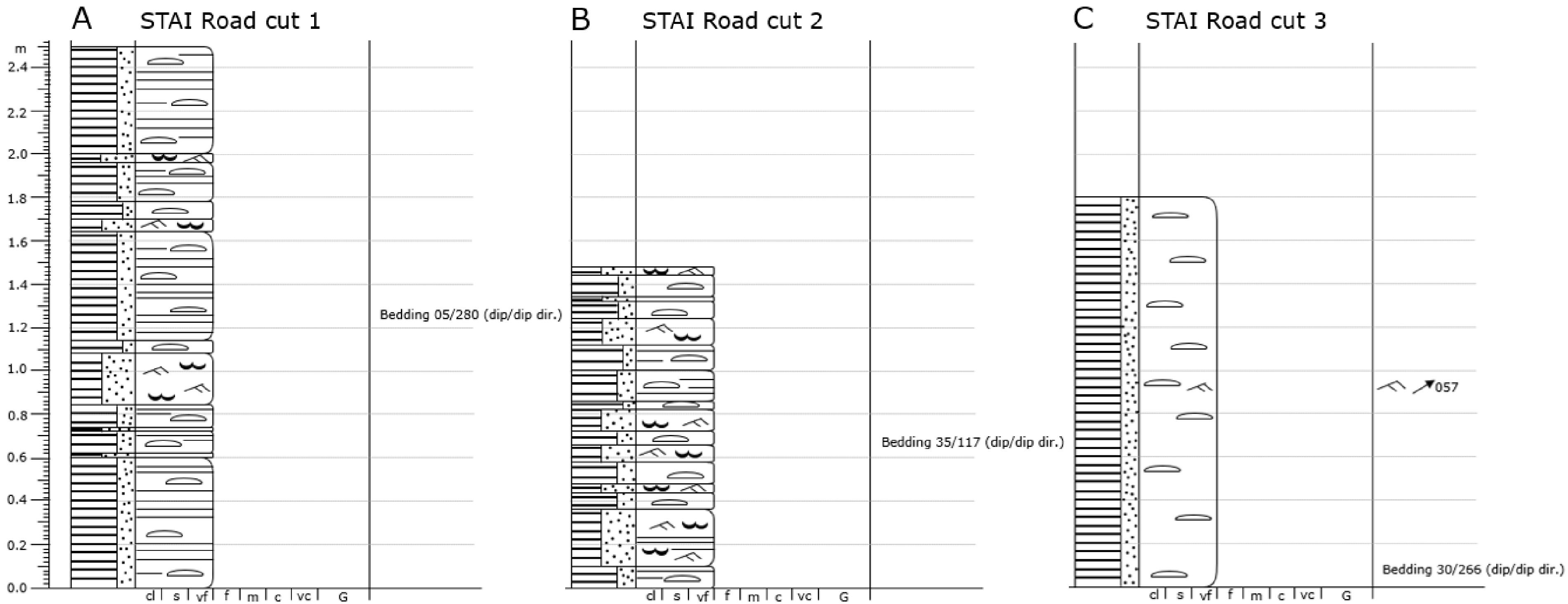


Figure A1.37: Sedimentary logs from the additional road cuts 1, 2, and 3 of the Innerelva Member of the Stáhpogieddi Formation. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

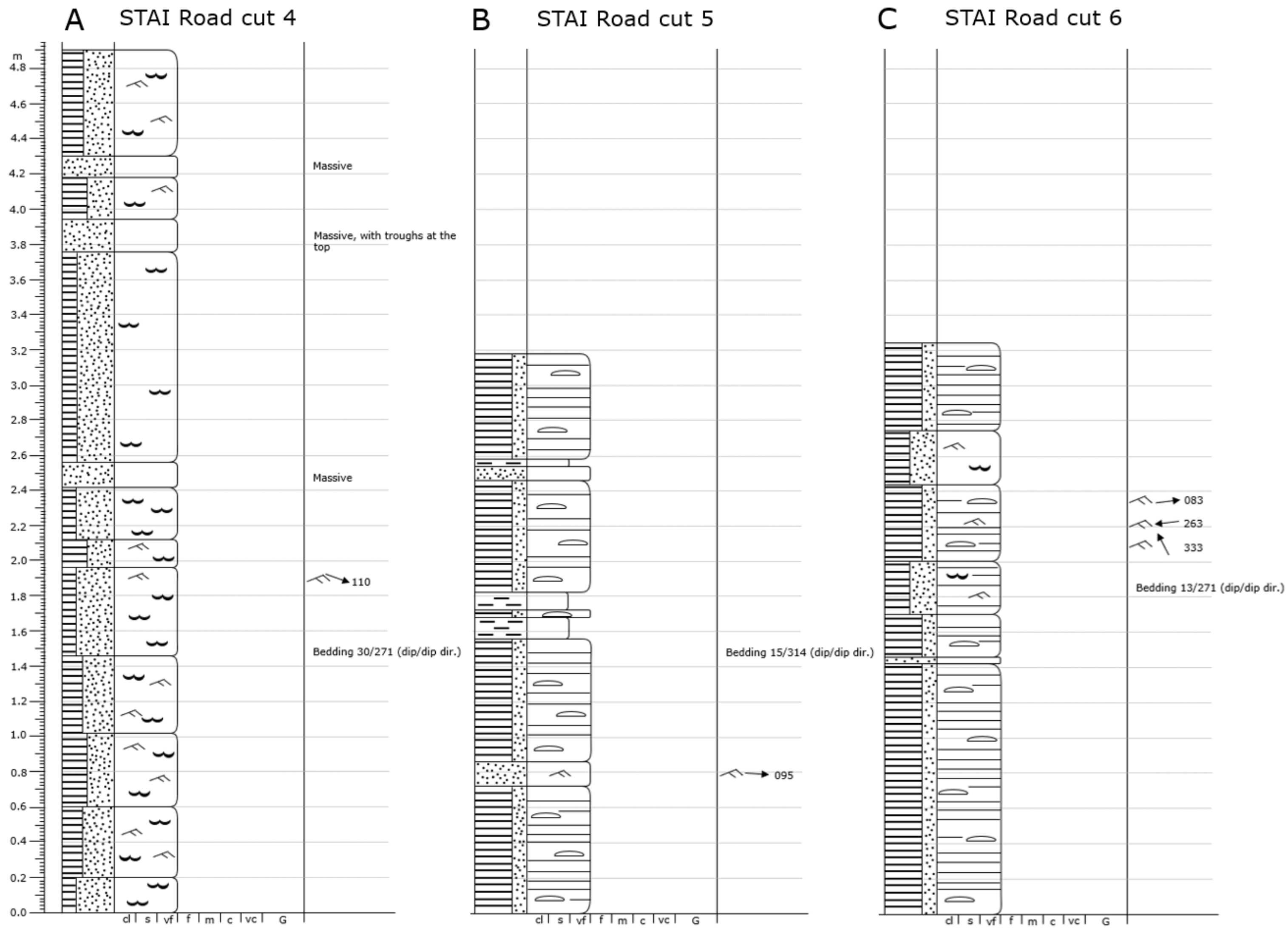


Figure A1.38: Sedimentary logs from the additional road cuts 4, 5, and 6 of the Innerelva Member of the Stáhpogieddi Formation. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

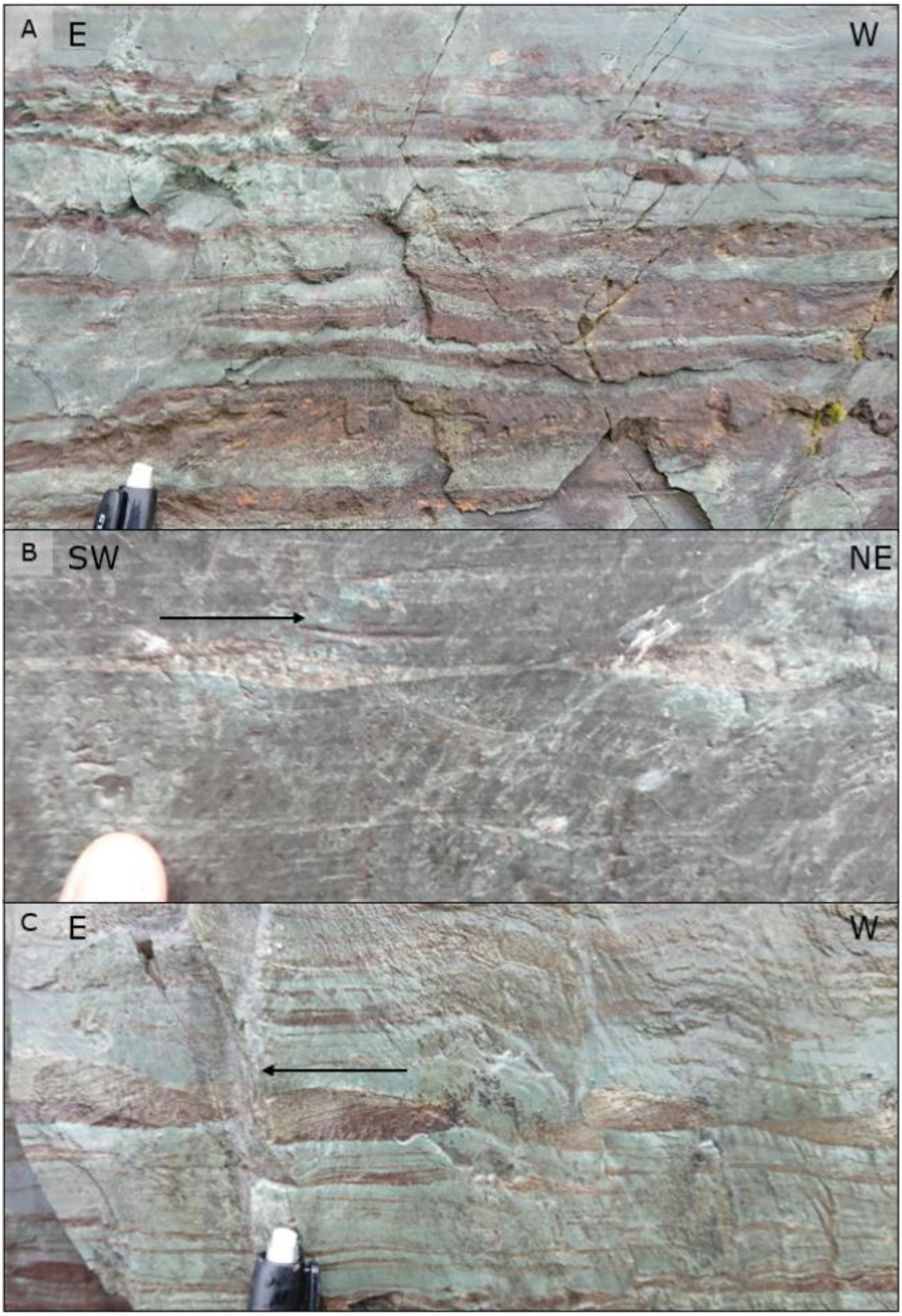


Figure A1.39: Photos from the road cuts within the Innerelva Member of the Stáhpogieddi Formation. (A) Wavy bedding. (B) Lenticular bedding with asymmetrical ripples in a sandstone bed that indicate a paleocurrent direction towards the NE. (C) Lenticular bedding at the base and wavy bedding at the top. One sandstone bed contains ripples that indicate a paleocurrent direction towards E.

Table A1.10: Paleocurrent observations in the Innerelva Member of the Stáhpogieddi Formation. Ripple foresets are black (indicate one direction) and ripple troughs are red (indicate two possible directions).

Paleocurrent (°)	Number of observations
N (337.5–022.5)	3 3
NE (022.5–067.5)	1
E (067.5–112.5)	4
SE (112.5–157.5)	1
S (157.5–202.5)	1 3
SW (202.5–247.5)	
W (247.5–292.5)	1
NW (292.5–337.5)	1 1

Sample site: STAI119268 (short description from 2021)

The sample is from the base of the Innerelva member. In the outcrop there is an alternation between shaly layers of mudstone and occasionally sandstone beds. The color varies between gray and red. The gray color might have been caused by hydrothermal alteration (Fig. A1.40).

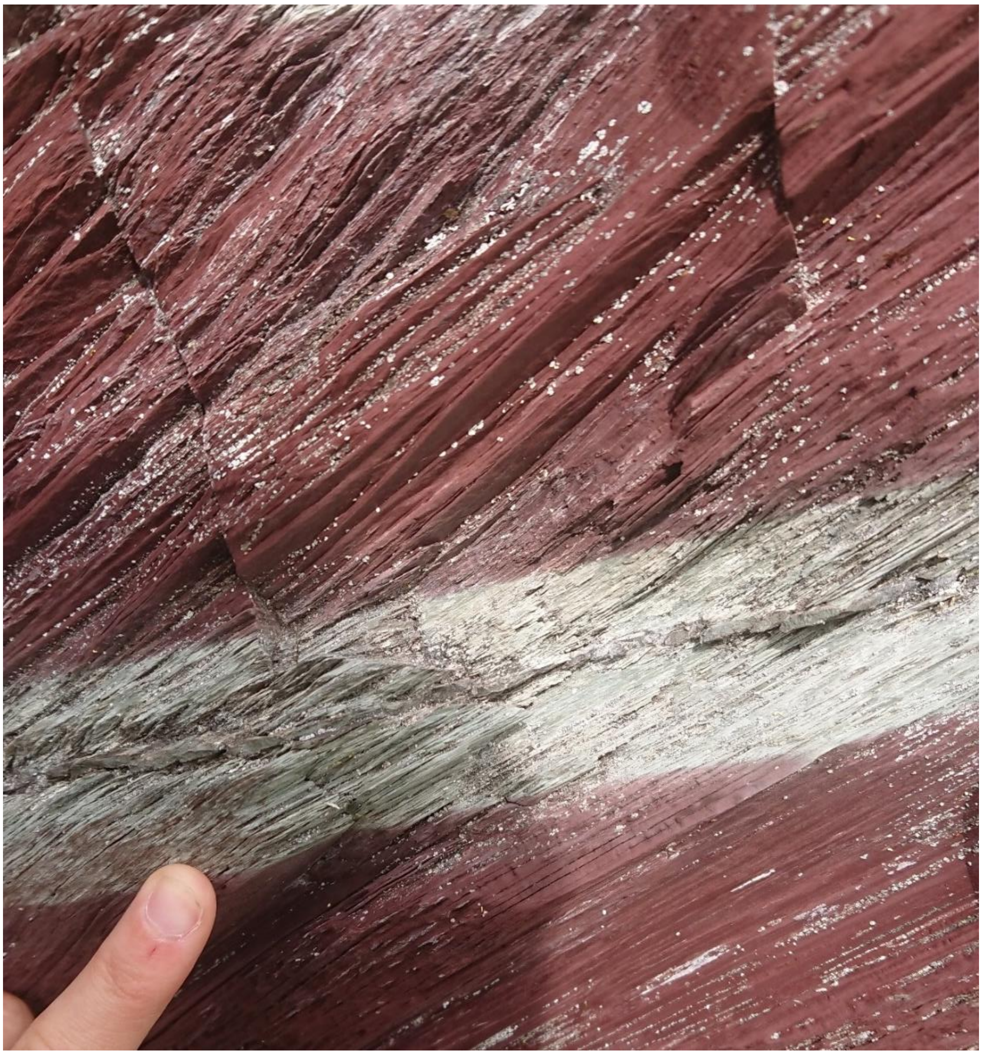


Figure A1.40: Shaly, red mudstone. The gray color might have been caused by hydrothermal alteration along a fracture.

Sample site: STAM021651

This sample locality is part of the uppermost member in the Stáhpogieddi Formation: The Manndrapselva Member. The outcrop consists of heterolithic bedding followed by a two-meter-thick layer of quartzite (Figs. A1.41 & A1.42). The heterolithics has a gray-green color, while the quartzite is light gray. At the base of the quartzite bed there are pebbles with a diameter of ~0.5 cm and lenses of purple mud (Fig. A1.41B). Only one paleocurrent indicator was found at the sampling site. This was a ripple with foresets that indicates a paleocurrent towards W as shown in Fig. A1.41C. Folds in the outcrop have fold axes plunging weakly towards NE (~01° towards 040°) and the bedding dips ca. 26° towards N.

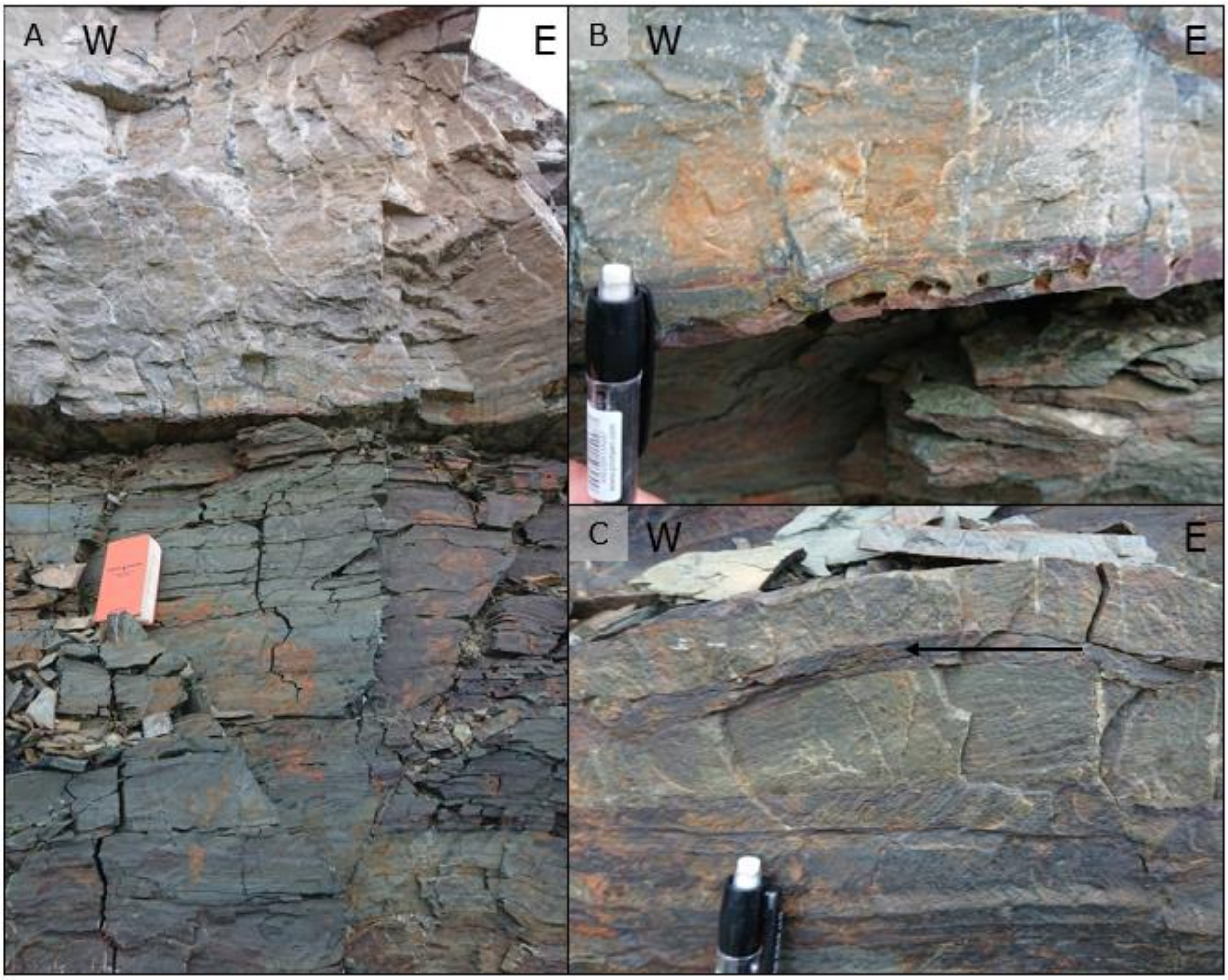


Figure A1.41: (A) Heterolithic bedding in the lower part followed by quartzite. (B) Close-up photo of the base of the quartzite bed. At the base there are lenses of purple mudstone and cavities where pebbles have fallen out or weathered away. (C) Ripple in a sandstone layer that indicates a paleocurrent towards W.

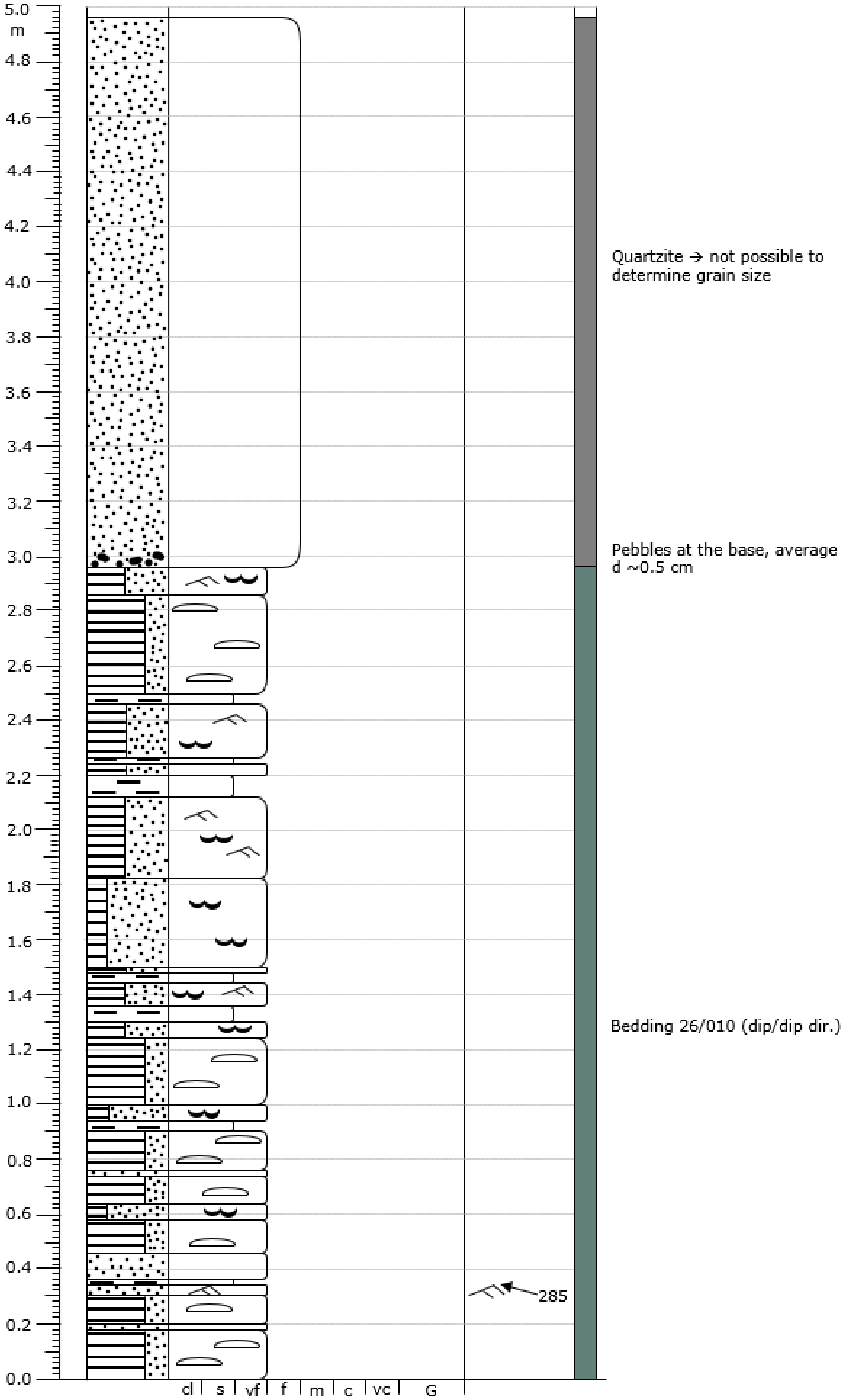


Figure A1.42: Sedimentary log from the sampling site of STAM021651. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel, d – diameter.

Sample site: STAM119258

This outcrop is located a few tens of meters W of the sample site of STAM021651. A sedimentary log from the outcrop is shown in Fig. A1.43. Wavy and lenticular bedding dominate the outcrop, but there are also some layers of sandstone and siltstone. The color of the rock is gray-green, but the sandier layers have a beige-brown color (Fig. A1.44). One layer of sandstone has several channel shapes that cut down into the underlying layers of heterolithic bedding (Fig. A1.44A, B). The bedding dips ca. 29° towards NNW. In the outcrop one dune and one layer with flame structures shown in Fig. A1.45 indicate paleocurrents towards E.

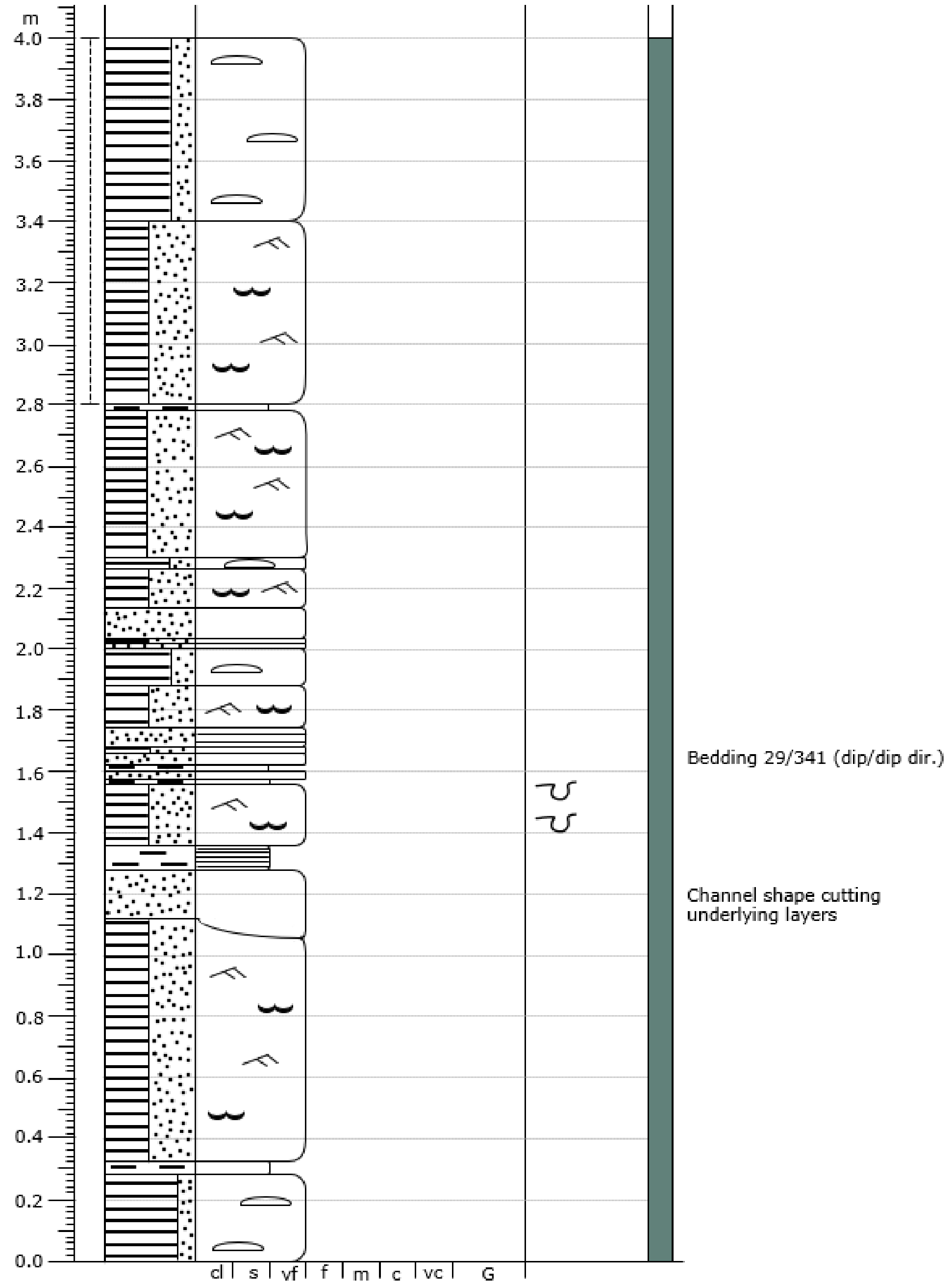


Figure A1.43: Sedimentary log from the sampling site of STAM119258. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

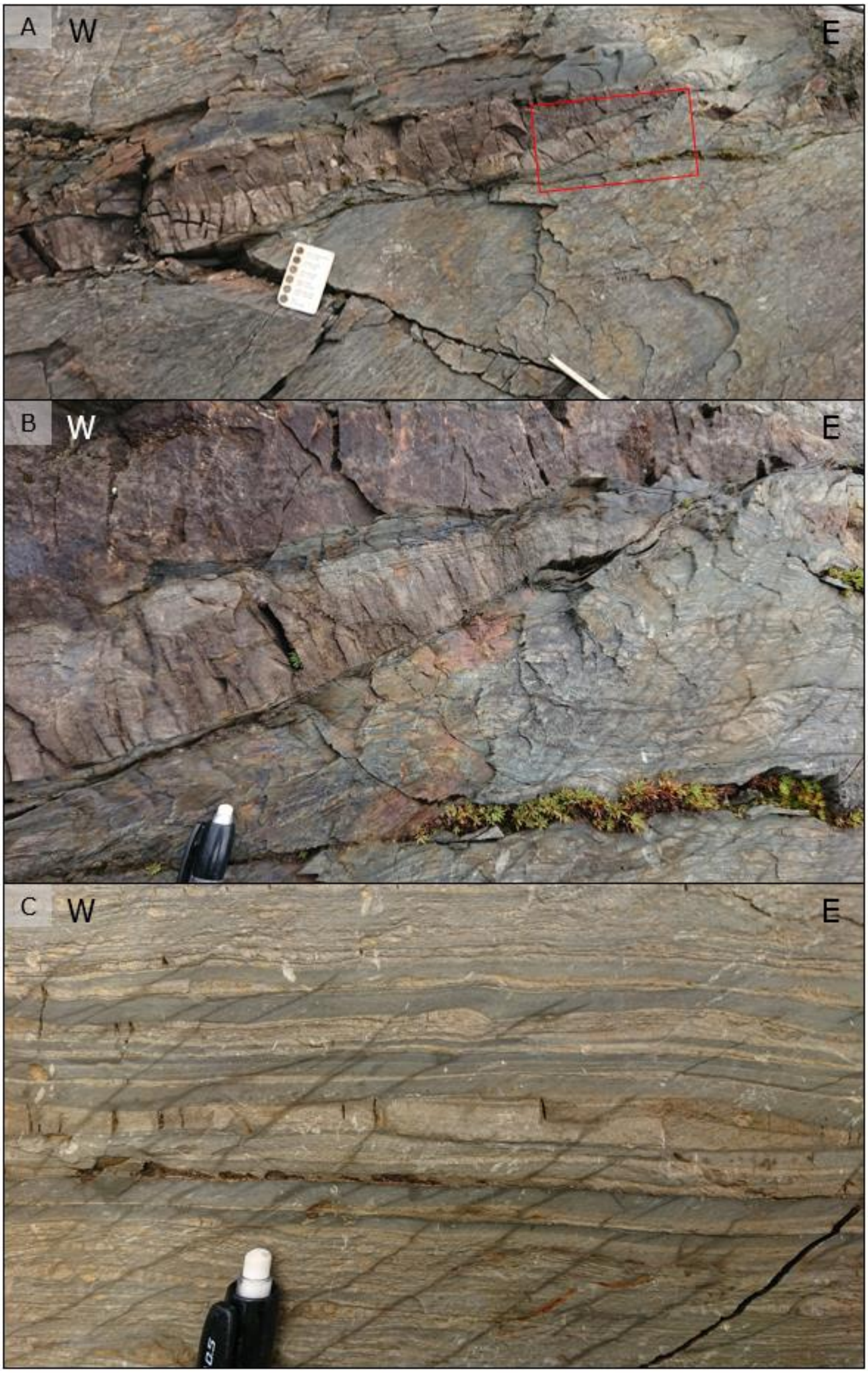


Figure A1.44: (A) Heterolithic bedding with a sandstone bed with several channel shapes. (B) close-up photo of the channel shape cutting down into the heterolithic bedding (red square in A). (C) Wavy bedding with green-gray mudstone and beige-brown sandstone.

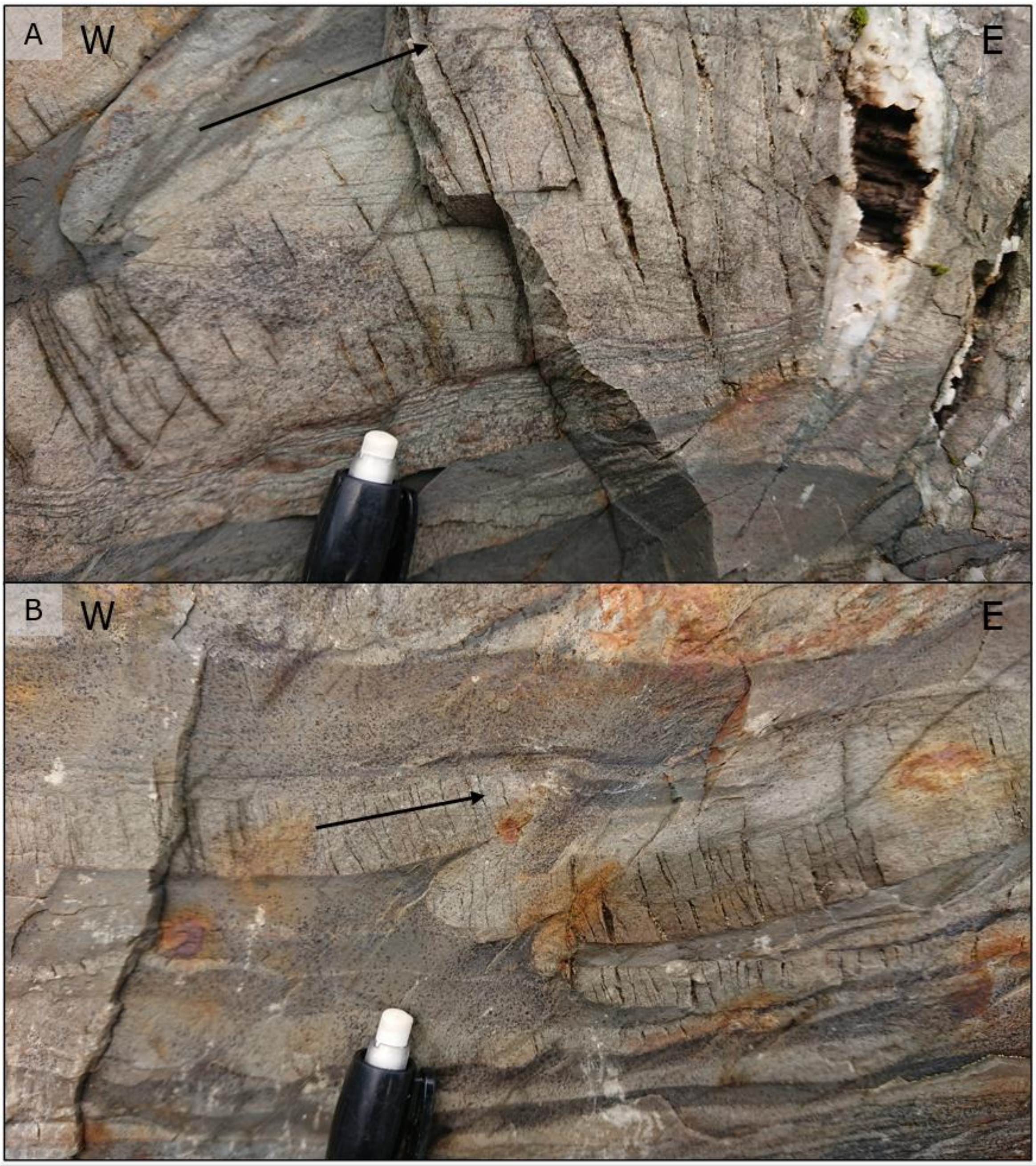


Figure A1.45: (A) A dune with foresets and (B) flame structures indicate paleocurrents towards E.

Additional road cut in the Manndrapselva Member

One additional road cut in the Manndrapselva Member was examined. A sedimentary log from this outcrop is shown in Fig. A1.46. The road cut consists of heterolithic bedding with a gray-green color shown in Fig. A1.47. A tiny ripple indicates a paleocurrent direction towards E (Fig. A1.47B) and another ripple a paleocurrent direction towards SSW (Fig. A1.47C, D).

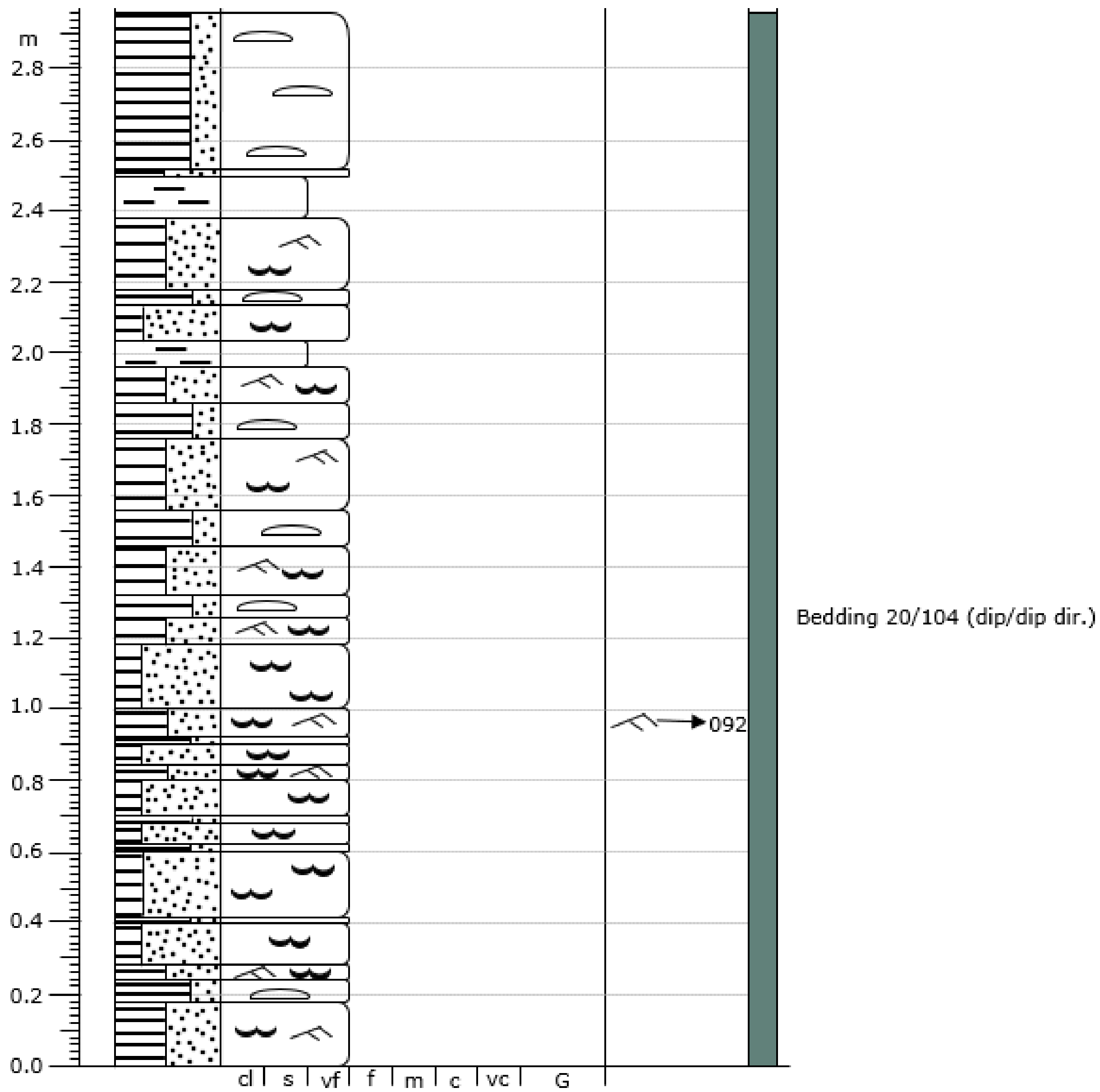


Figure A1.46: Sedimentary log from an additional road cut in the Manndrapselva Member. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

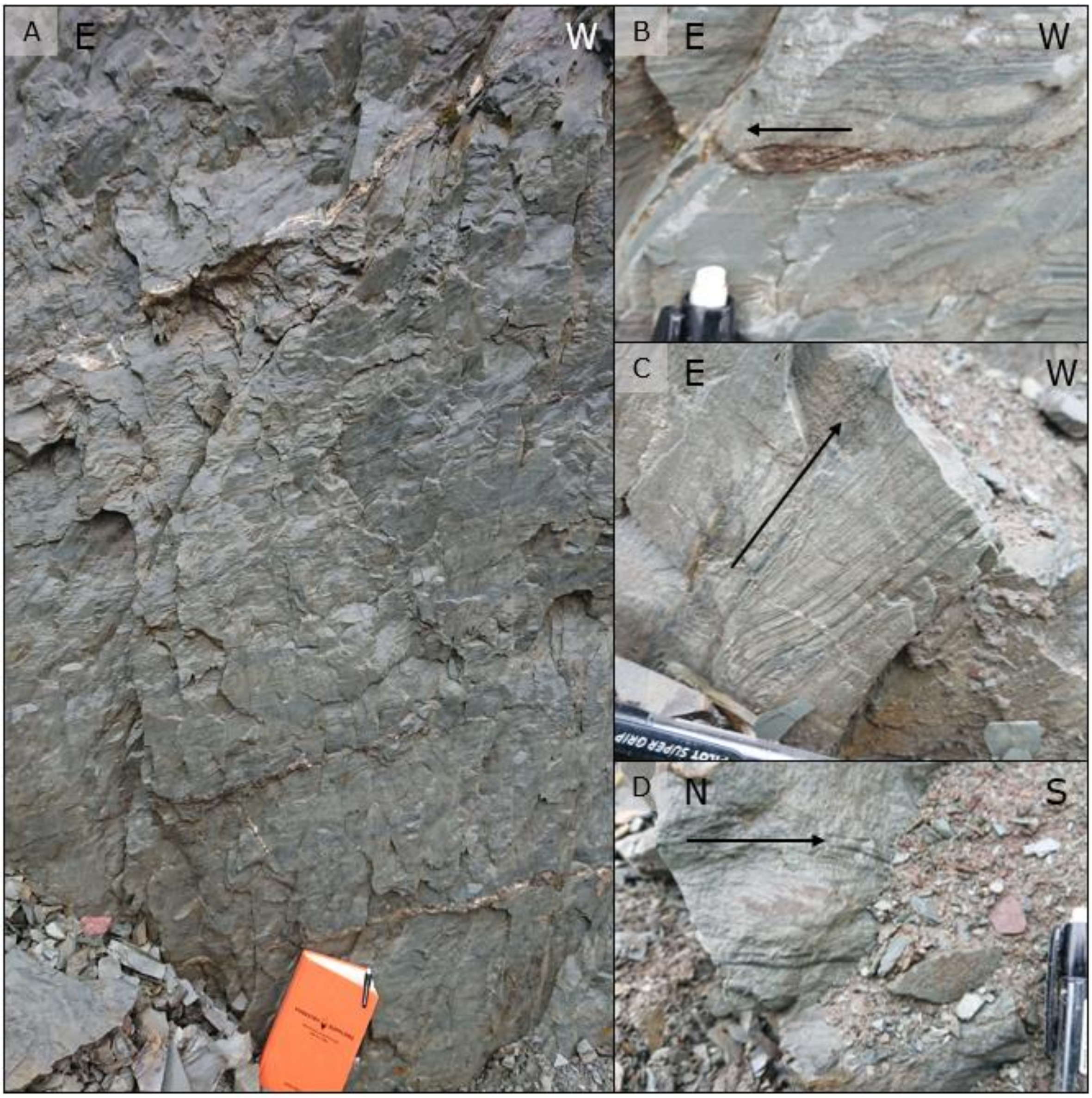


Figure A1.47: (A) Hetereolithic bedding at the additional road cut of the Manndrapselva Member. (B) Tiny ripple indicates a paleocurrent towards E. (C & D) Ripple seen from two different angles indicates a paleocurrent towards SSW.

Sample site: STAM119269 (short description from 2021)

The Manndrapselva Member consists of red sandstone with bedding and lamination (Fig. A1.48A). As one moves upwards along the outcrop the color changes to gray (Fig. A1.48B).

Figure A1.48: (A) Red laminated sandstone. (B) Gray laminated sandstone.

Breidvika Formation

Sample site: BREID119259

This sampling site consists mainly of heterolithic bedding with some layers of siltstone and sandstone. The rocks have a gray-green color with a rusty surface color. A sedimentary log from the outcrop is shown in Fig. A1.49 and photos in Fig. A1.50. Wave ripples in one of the beds indicate a paleocurrent in E–W-directions (Figs. A1.49 & A1.50B), in addition load casts were observed. The load casts indicate that the stratigraphic way up is to the top of the outcrop (Fig. A1.50C). The bedding dips gently towards NNE. A fold in the outcrop has a fold axis plunging ~30° towards 340°.

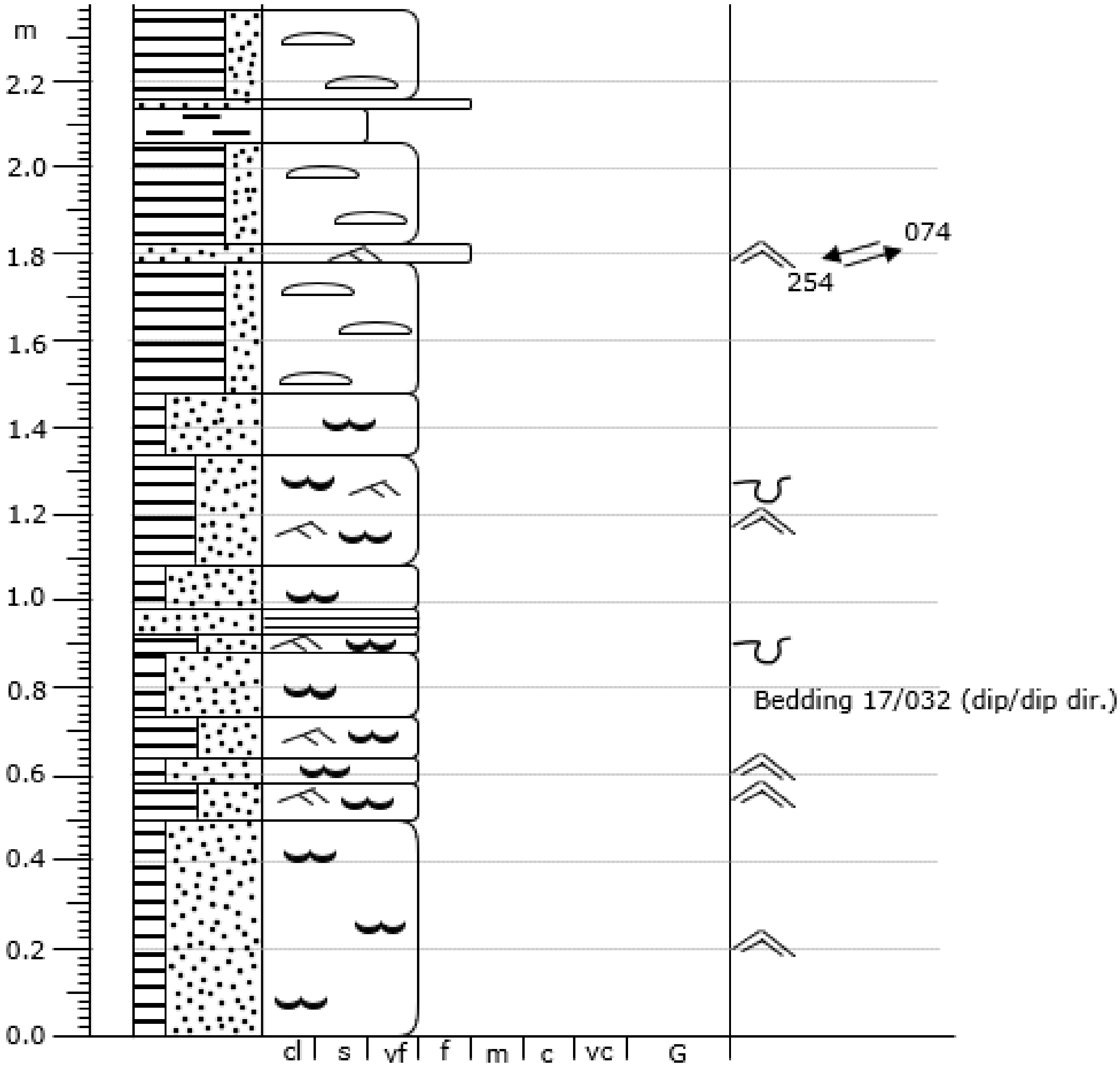


Figure A1.49: Sedimentary log from the sample site of BREID119259. The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

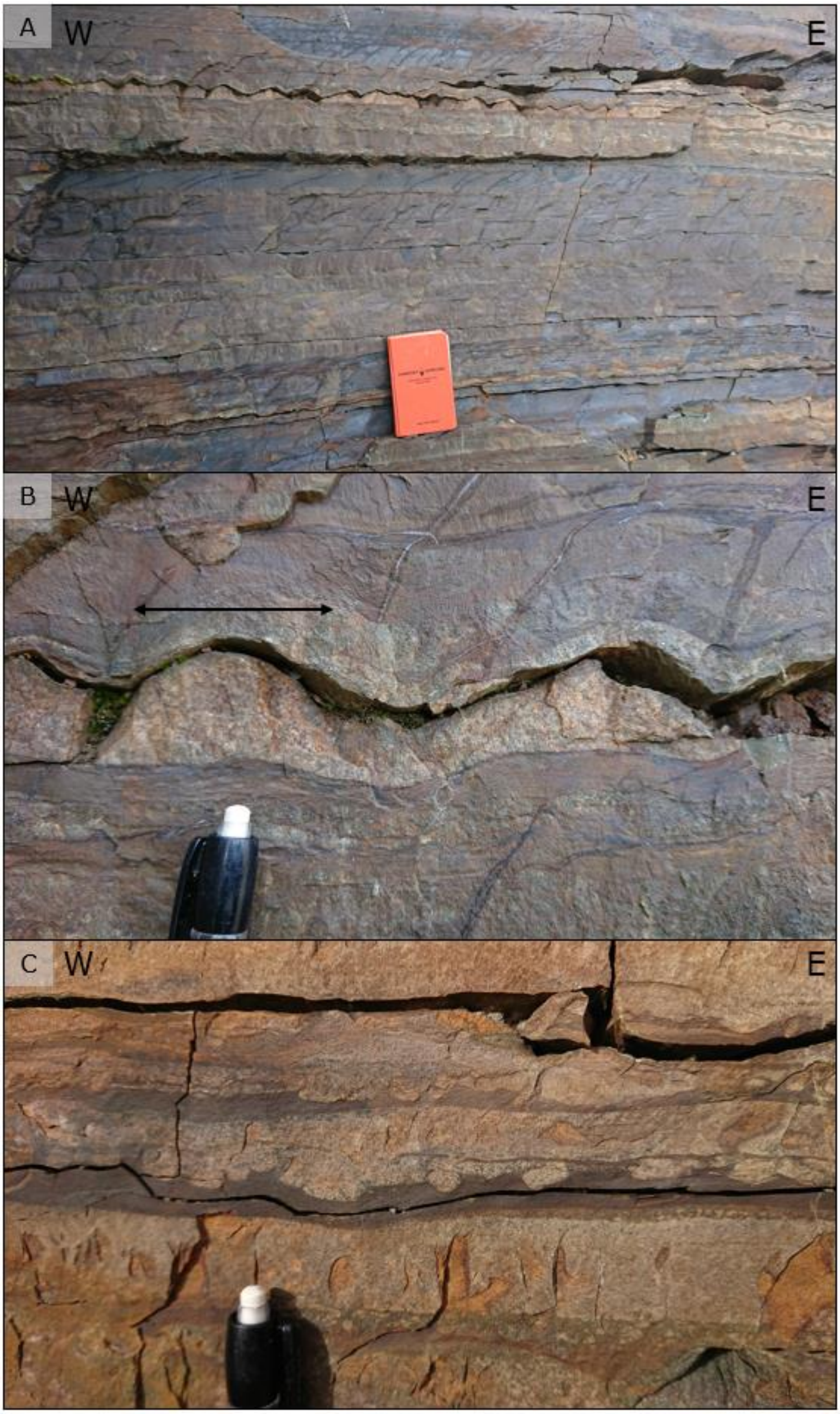


Figure A1.50: (A) Heterolithic bedding. (B) Wave ripples indicative of flow in E–W directions. (C) Load casts.

Additional road cuts in the Breidvika Formation

Two additional road cuts were logged in the Breidvika Formation (Figs. A1.51 & A1.52). At these outcrops the amount of massive sandstone beds is larger than at the sample locality BREID119259, and the sandstone beds are up to ca. 1 m thick. The color of the rocks is gray-green, and some layers of hetereolithic bedding are seen at both road cuts. Photos from the outcrops are shown in Fig. A1.53. In the second road cut a fold with fold axis plunging ~05° towards 210° was observed.

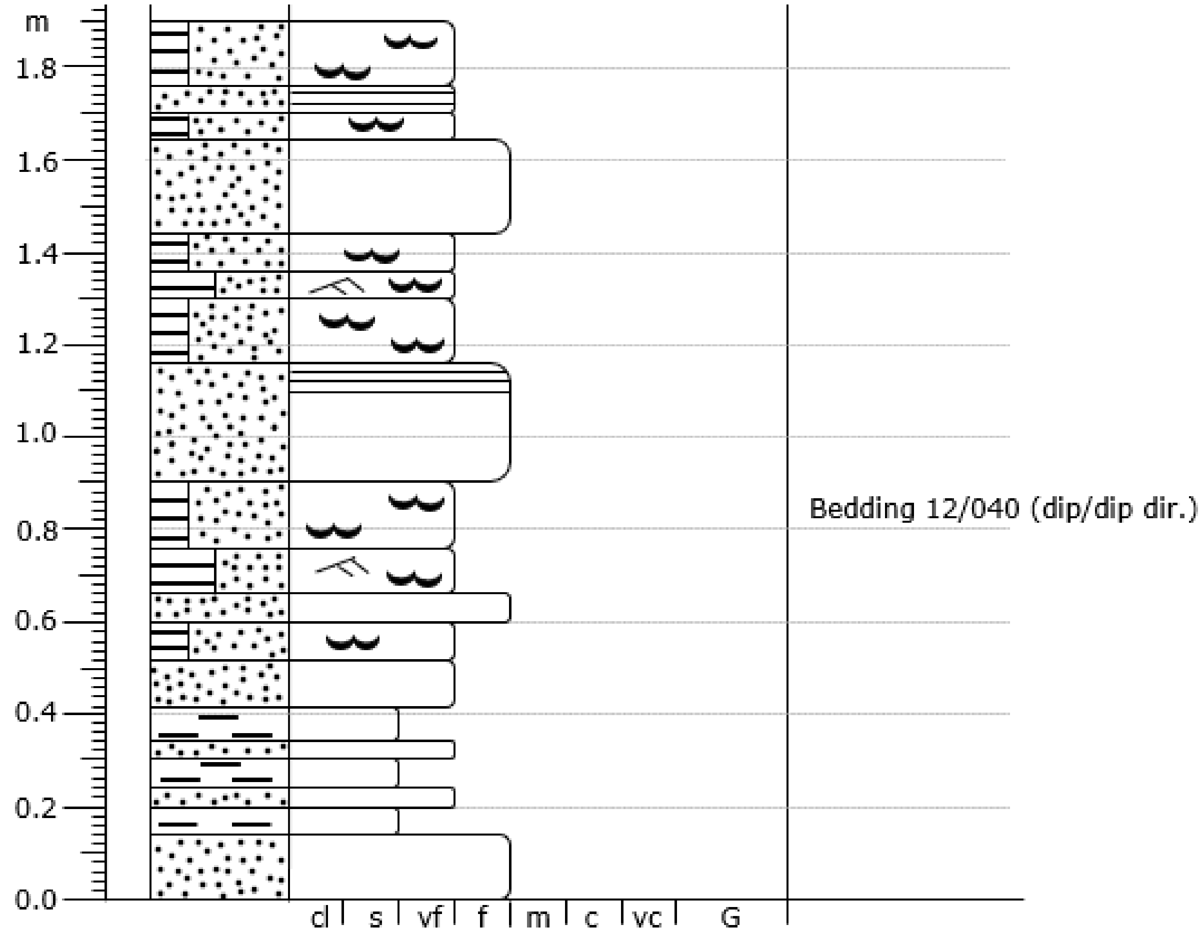


Figure A1.51: Sedimentary log from an additional road cut in the Breidvika Formation (Road cut 1). The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

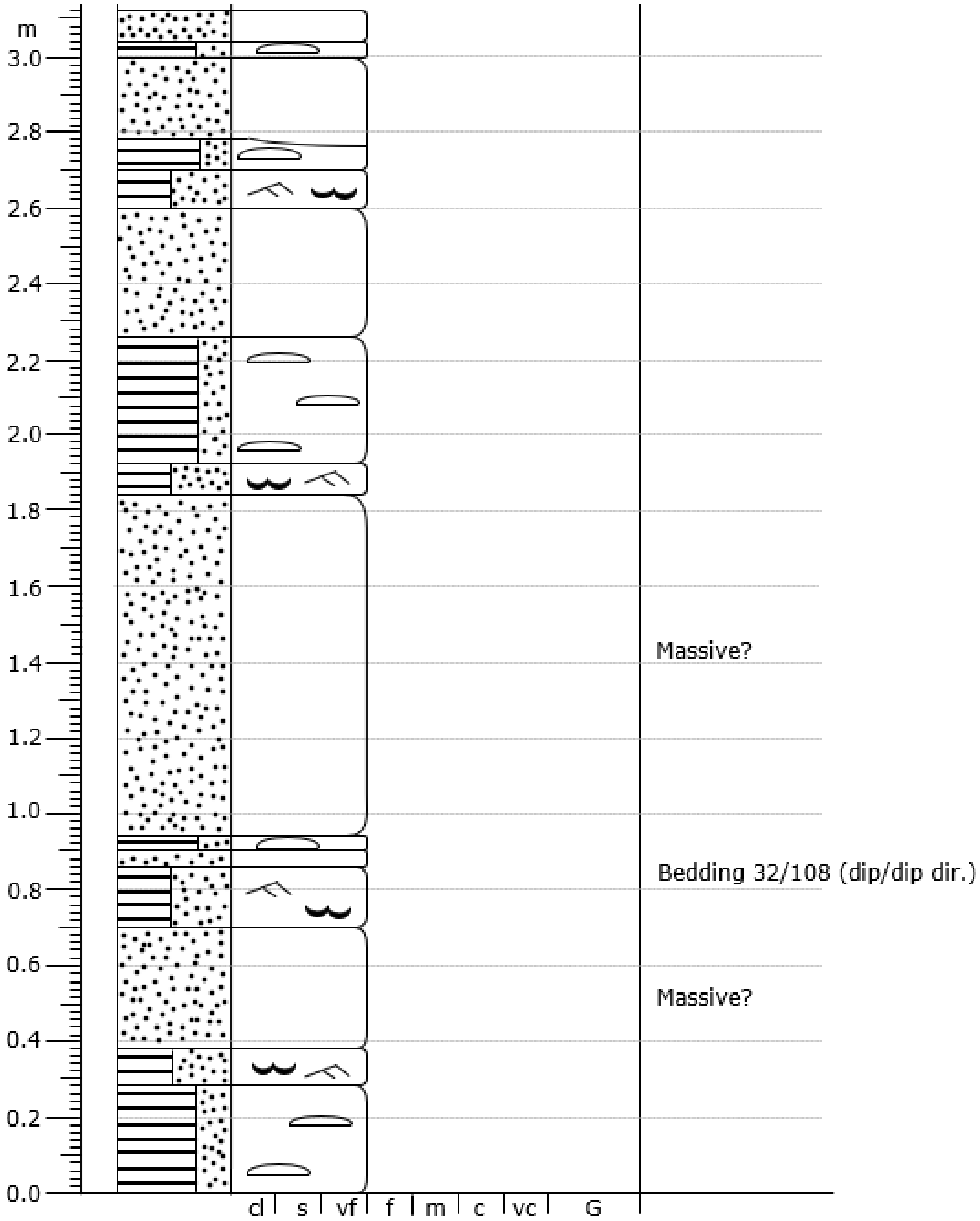


Figure A1.52: Sedimentary log from an additional road cut in the Breidvika Formation (Road cut 2). The vertical scale is in meters. Abbreviations: cl – clay, s – silt, vf – very fine sand, m – medium sand, c – coarse sand, vc – very coarse sand, G – gravel.

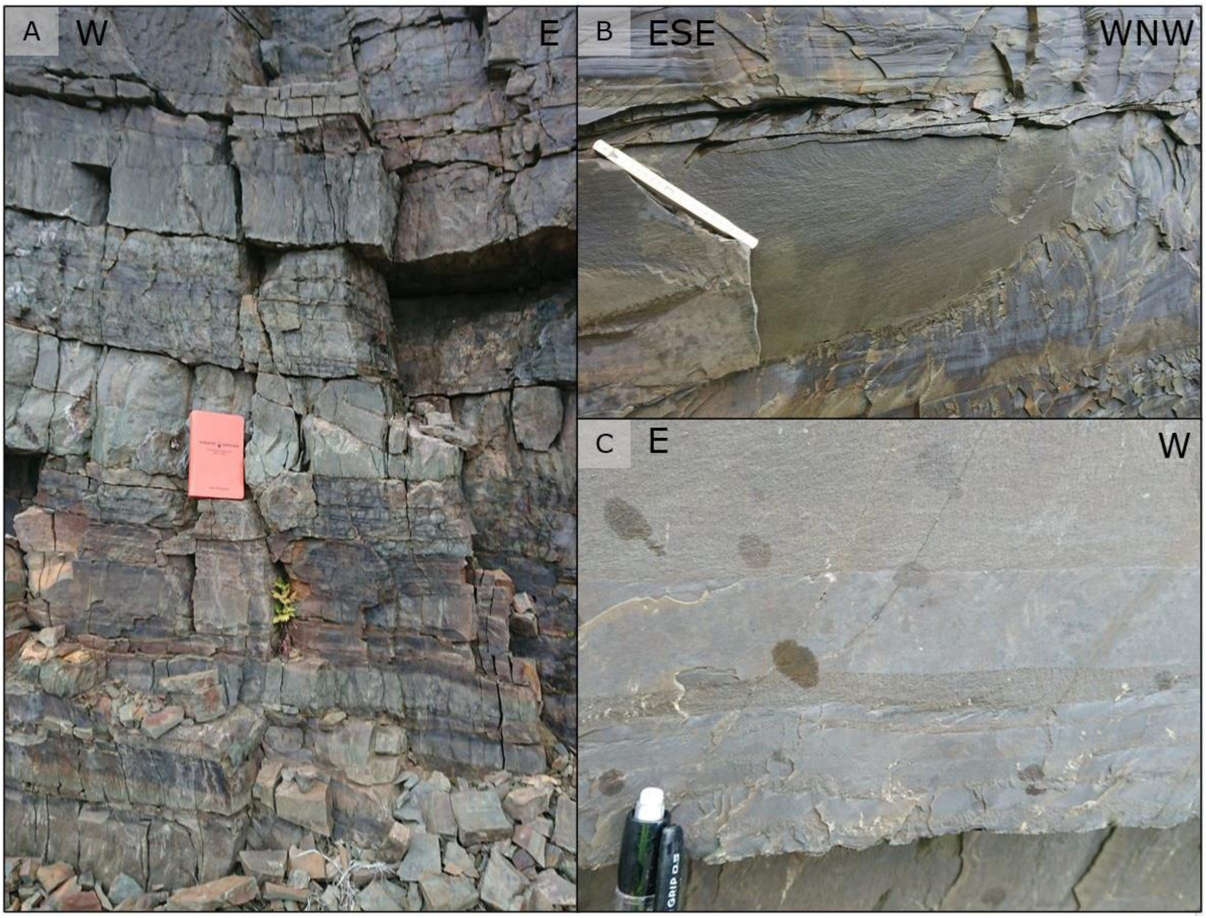


Figure A1.53: (A) Alternating heterolithic bedding and sandstone beds in road cut 1. (B) Channel shape in road cut 2. The measuring stick is ca. 25 cm long. (C) Lenticular bedding followed by alternating sandstone and siltstone beds in road cut 2.

Sample site: BREID119270 (short description from 2021)

This outcrop is part of the Lower Member of the Breidvika Formation. The rock is a quartz-rich, light gray/beige sandstone with lamination shown in Fig. A1.54.

Figure A1.54: Quartz-rich, light gray/beige sandstone at the sample locality of BREID119270.

Sample site: BREID119271 (short description from 2021)

This outcrop is part of the Upper Member of the Breidvika Formation. At this outcrop there are alternating layers of sandstone and siltstone. The sandstone beds are a few cm thick, and some are laminated. The color of the rock is gray.

Appendix 2: Thin section descriptions

This appendix contains short descriptions and photos of the eleven thin section that were made during this study. In addition, photos of the hand specimens and scans in both plane-polarized (ppl) and cross-polarized light (xpl) are shown for each sample.

Smalfjord Formation

Sample SMAL119263

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.3 mm, name: medium sand

Min: 0.005 mm, name: very fine silt

Dominant: 0.01 mm, name: fine silt

Rounding: from subangular to well rounded, mainly rounded

Sorting: poorly sorted

Clastic particles: % of grains (based on visual chart)

Quartz: 88

Plagioclase: 4

Lithic fragments: 1

Muscovite or illite: 2

Carbonates: 3

Chlorite: 1

Opaque: 1

Matrix (type and amount): 70% mainly calcareous mud

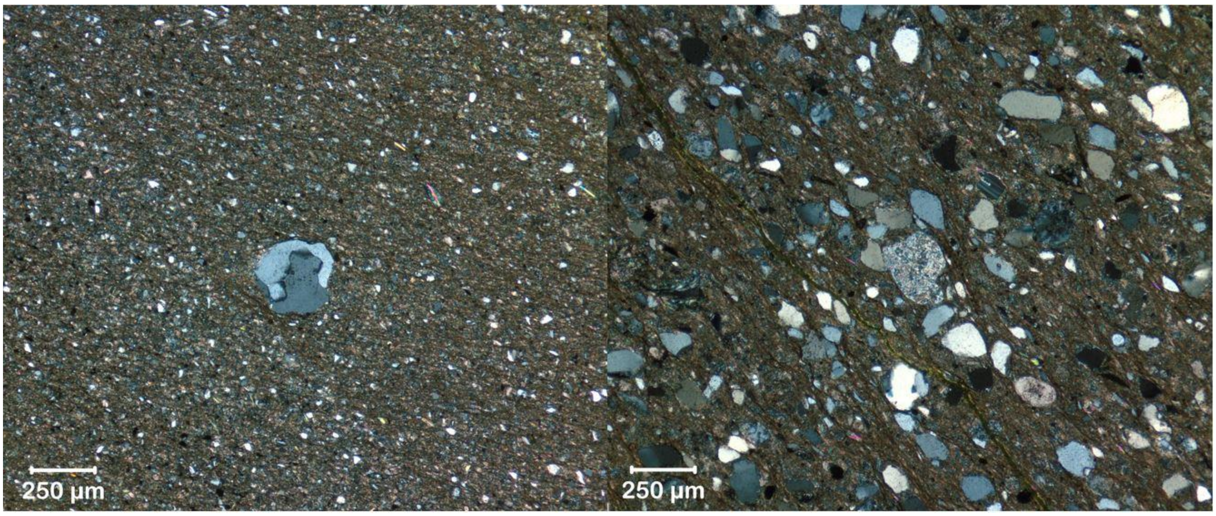
Porosity (% estimate based on visual chart): 1%, found in cracks (might have formed during the preparation of the thin section

Amount of compaction (qualitative description): well compacted

Sedimentary structures: Lamination, one finer layer and one coarser layer. In the finer layer there are some clasts.

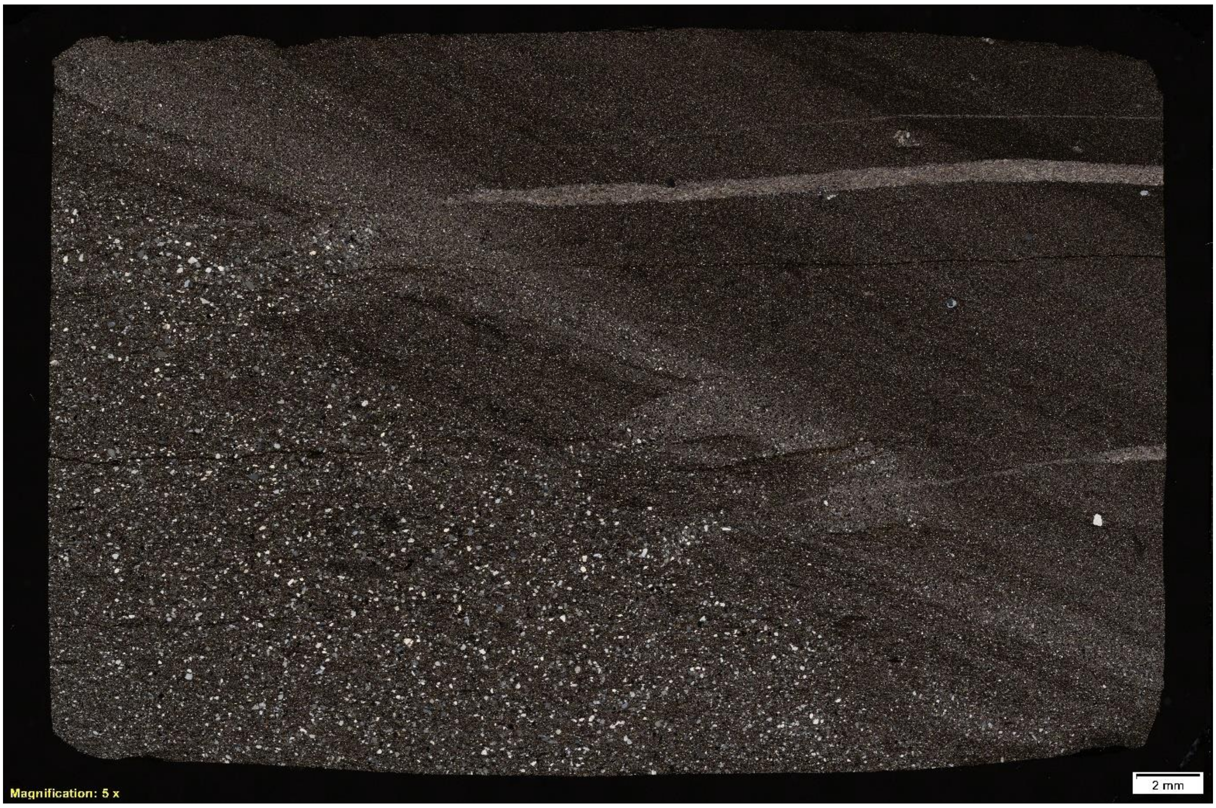
Rock name: Wackestone

Hand specimens of SMAL119263, black line in lower inset shows where the thin section was made.



Left: fine grained layer with a ~250 µm clast. Right: coarser layer with subangular to rounded grains (mainly quartz). Photos taken in xpl.

Ppl scan of SMAL119263.



Xpl scan of SMAL119263.

Nyborg Formation

Sample NYB119251

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.16 mm, name: fine sand

Min: 0.01 mm, name: fine silt

Dominant: 0.025 mm, name: medium silt

Rounding: Subangular to subrounded

Sorting: Moderately

Clastic particles: % of grains (based on visual chart)

Quartz: 50

Muscovite or illite: 20

Opaque: 3

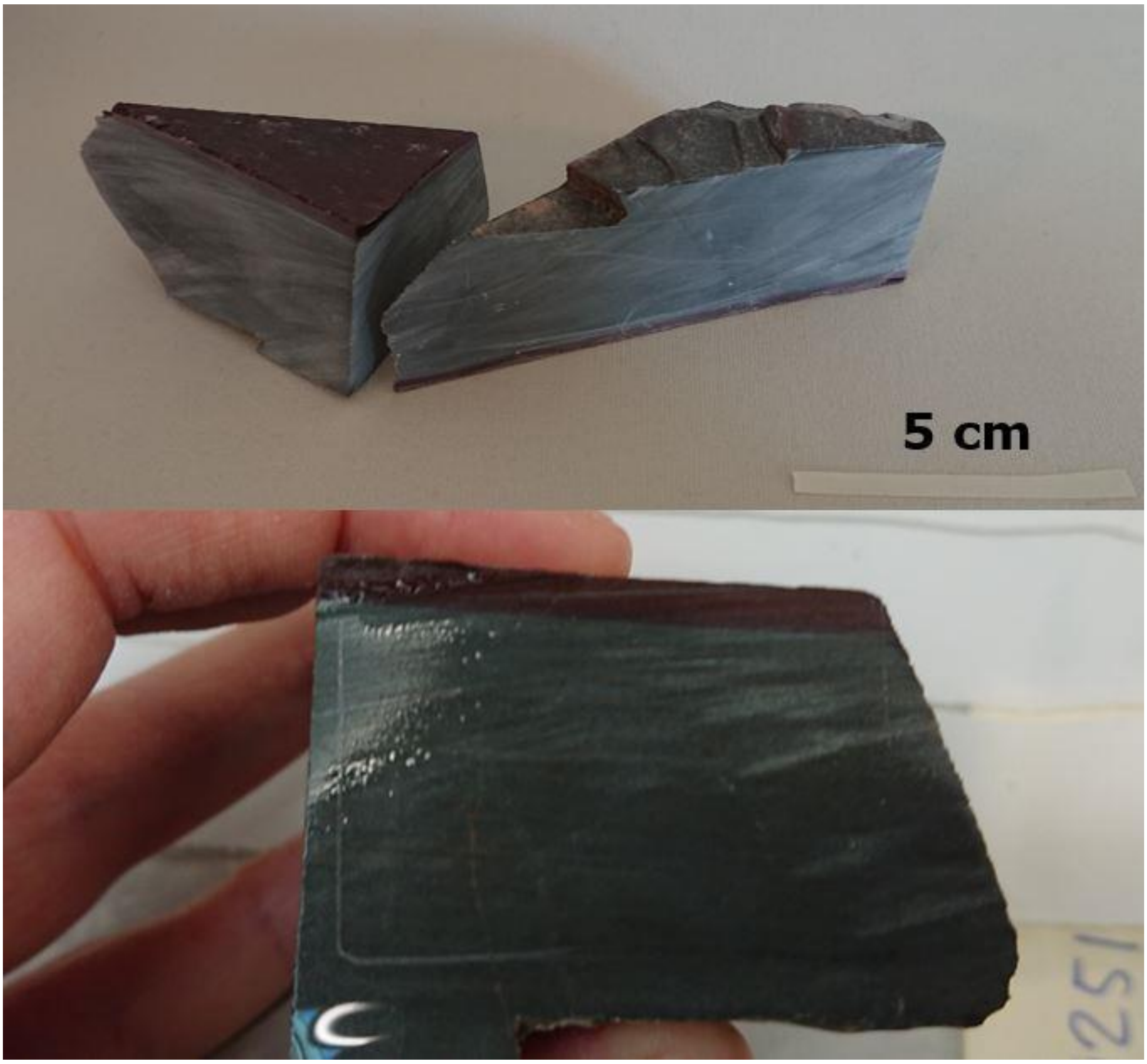
Chlorite: 27

Porosity (% estimate based on visual chart): 0%

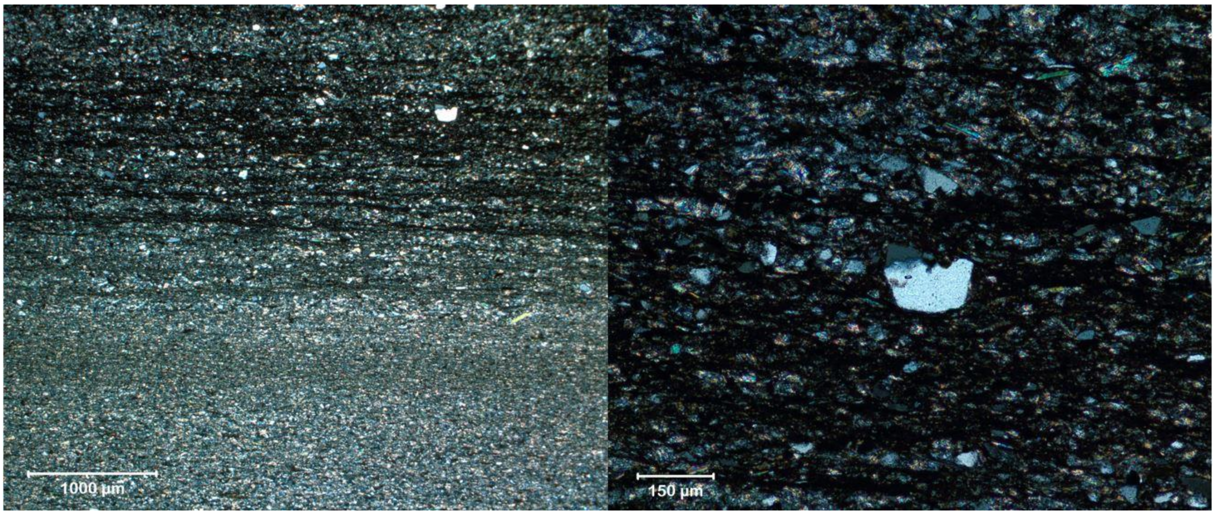
Amount of compaction (qualitative description): well compacted

Sedimentary structures: lamination, clay-rich layers with darker color and coarser layers with lighter color. The dark color might be caused by oxides and clay minerals.

Rock name: Siltstone

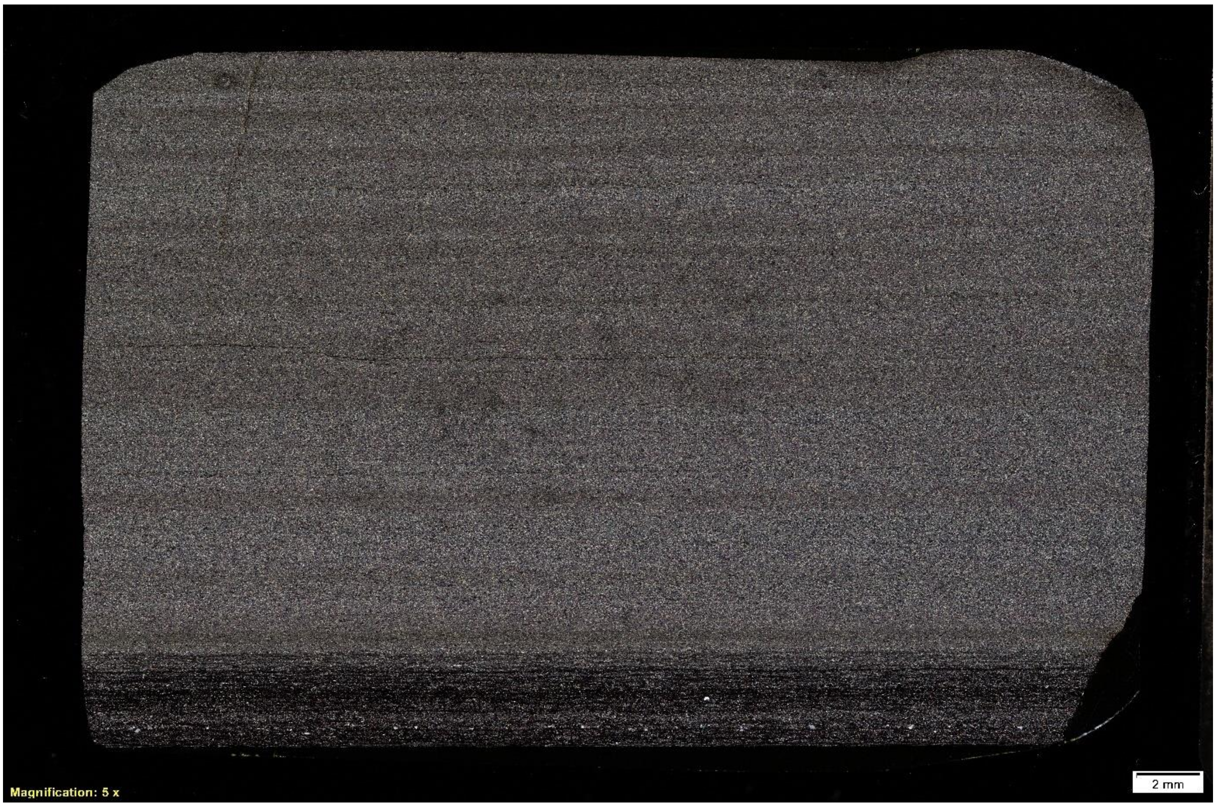


Hand specimens of NYB119251 with the area of the thin section marked.



Left: lamination, light and dark layers. Right: close-up of a ~150 µm quartz grain. Photos taken in xpl.

Ppl scan of NYB119251.



Xpl scan of NYB119251.

Sample NYB119256

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.2 mm, name: fine sand

Min: 0.01 mm, name: fine silt

Dominant: 0.03 mm, name: medium silt

Rounding: Subangular to rounded

Sorting: poorly

Clastic particles: % of grains (based on visual chart)

Quartz: 30

Muscovite or illite: 35

Opaque: 5

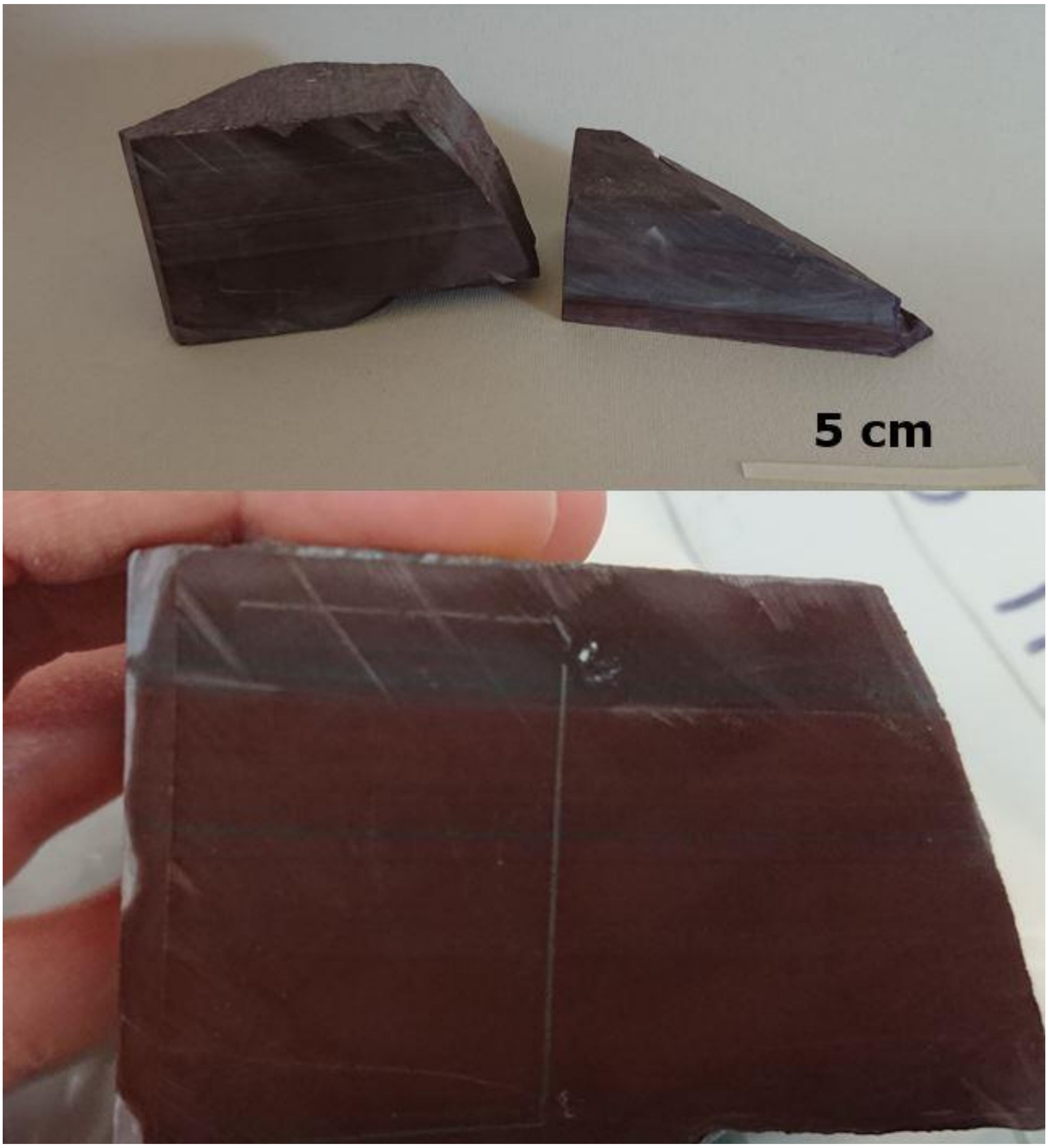
Chlorite: 30

Porosity (% estimate based on visual chart): 0

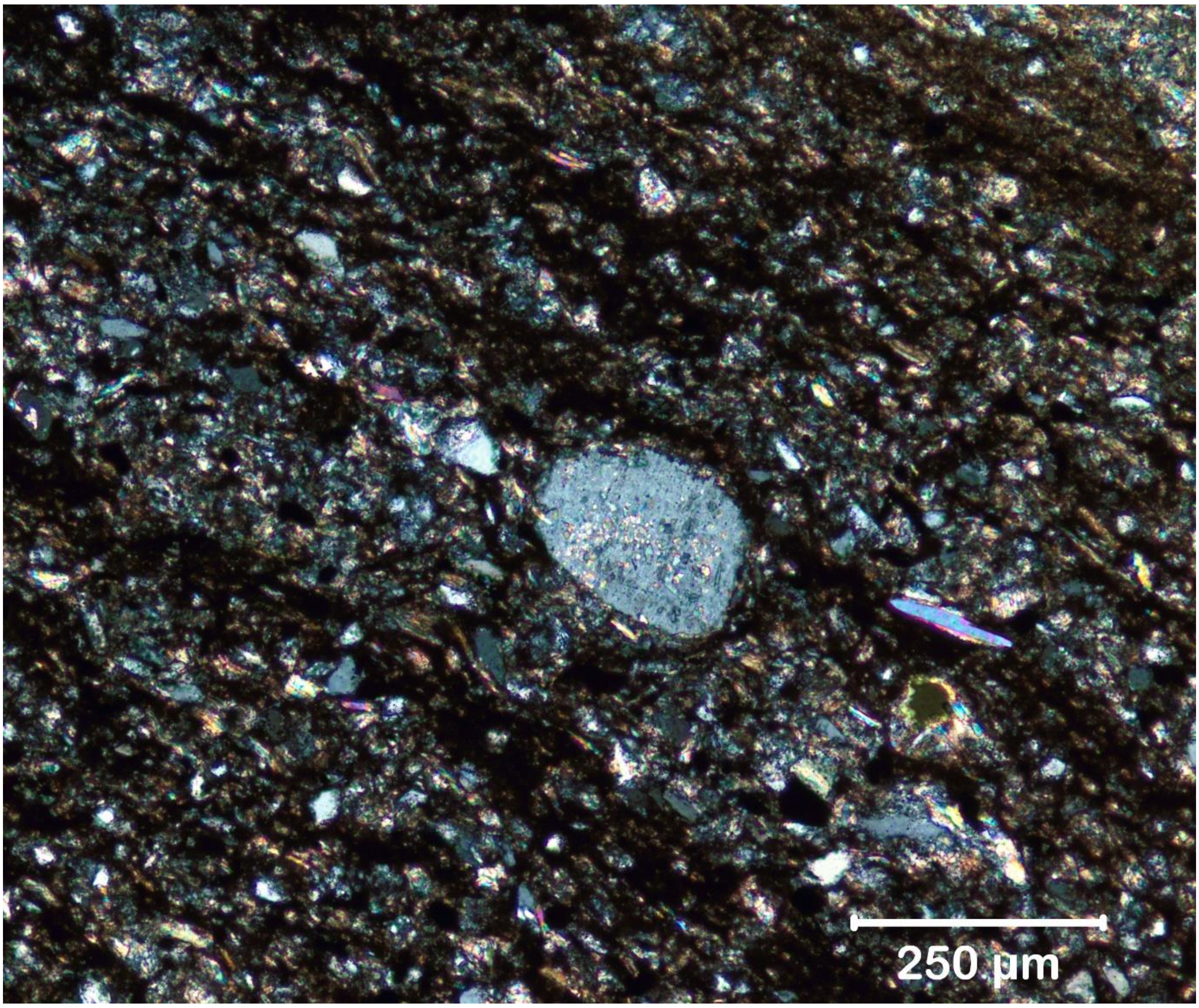
Amount of compaction (qualitative description): well compacted

Sedimentary structures: lamination, dark- and light-colored layers. Dark color is caused by oxides and clay minerals.

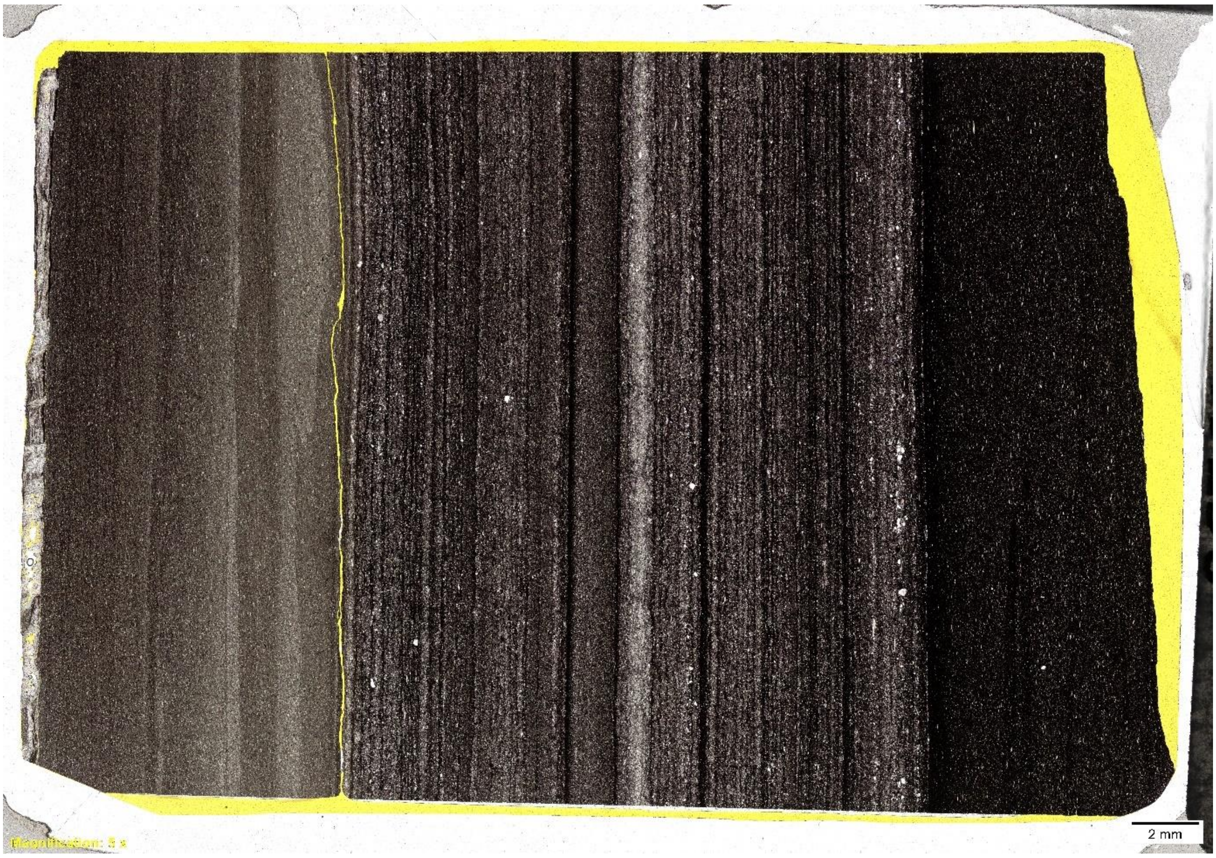
Rock name: Siltstone



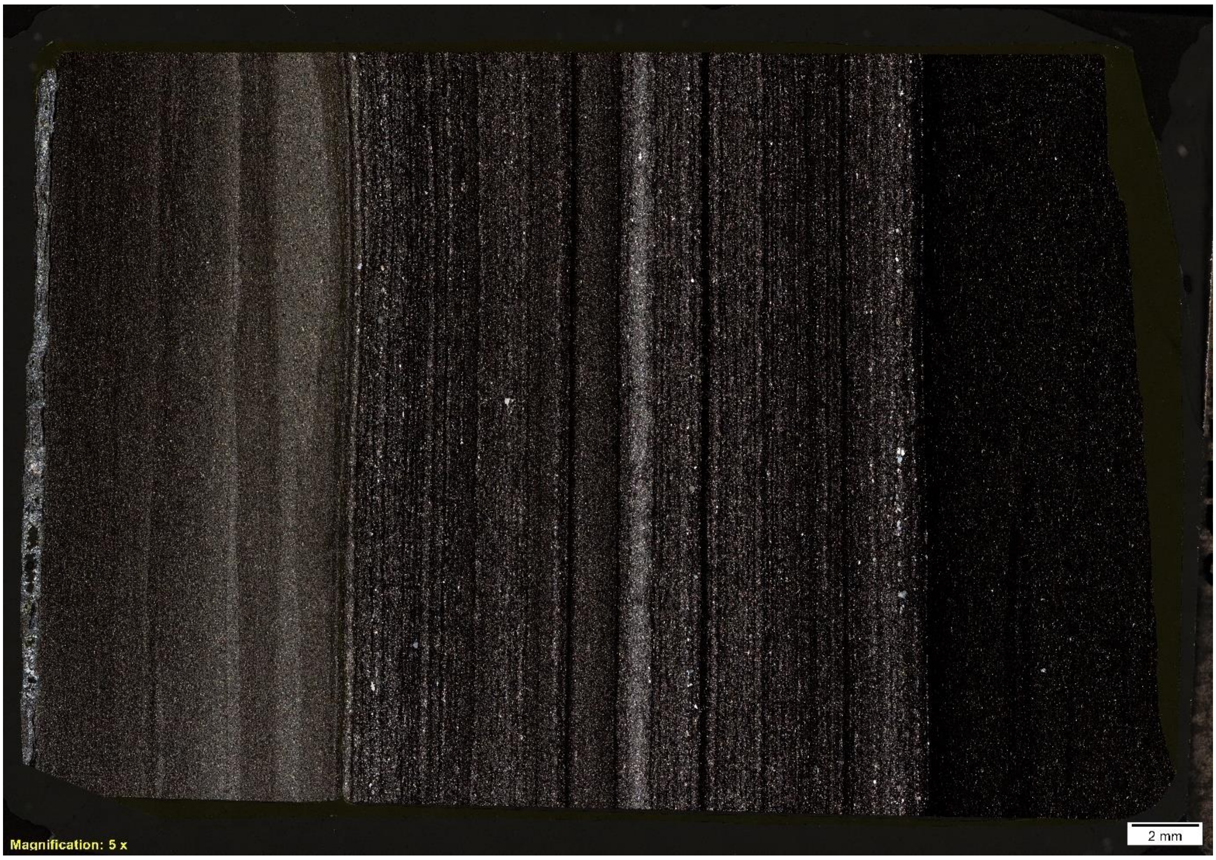
Hand specimens of NYB119256 with the area of the thin section marked.



Quartz and mica grains. Lamination, light and dark layers. Photo in xpl.



Ppl scan of NYB119256.



Xpl scan of NYB119256.

Mortensnes Formation

Sample MORT119254

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 2.6 mm, name: granule

Min: 0.01 mm, name: fine silt

Dominant: 0.05 mm, name: coarse silt

Rounding: Subangular to well rounded

Sorting: very poorly

Clastic particles: % of grains (based on visual chart)

Quartz: 70

Muscovite or illite: 5

Lithic fragments: 20

Plagioclase: 5

Matrix (type and amount): 40%, calcareous mud

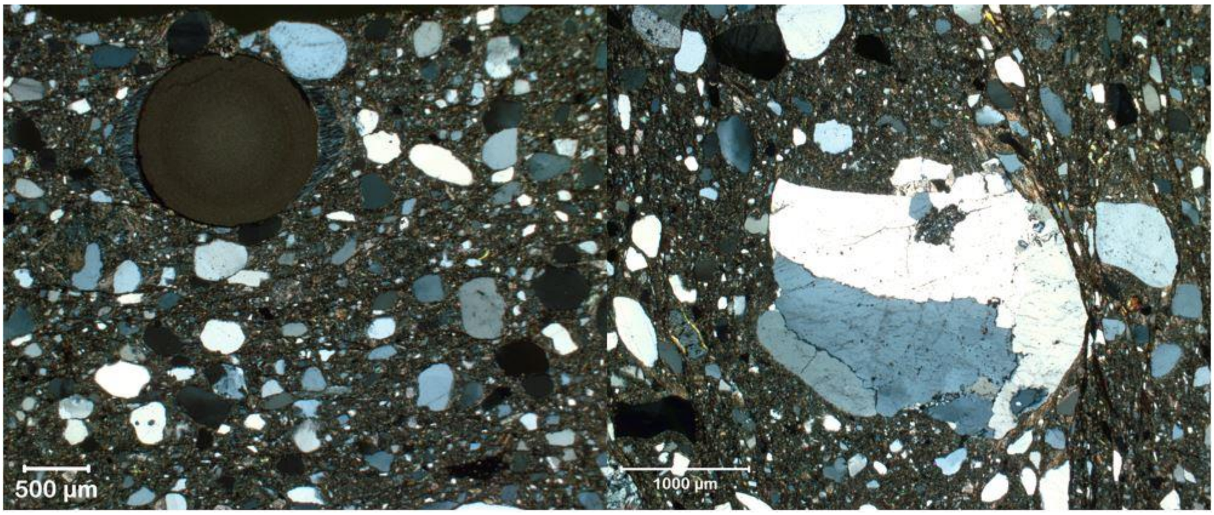
Porosity (% estimate based on visual chart): 0

Amount of compaction (qualitative description): well compacted

Comment: One ooid is observed.

Rock name: Wackestone

Hand specimens of MORT119254 with the placement of the thin section indicated with a black line in right inset.



Grains of various size from granule to fine silt. Dominated by quartz. An ooid is shown in left inset. The clasts are subangular to well rounded. Photos taken in xpl.

Ppl scan of MORT119254.

Xpl scan of MORT119254.

Stáhpogieddi Formation

Sample STAL119260

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.9 mm, name: coarse sand

Min: 0.02 mm, name: medium silt

Dominant: 0.1 mm, name: very fine sand

Rounding: Subangular to rounded

Sorting: moderately

Clastic particles: % of grains (based on visual chart)

Quartz: 96

Muscovite or illite: 2

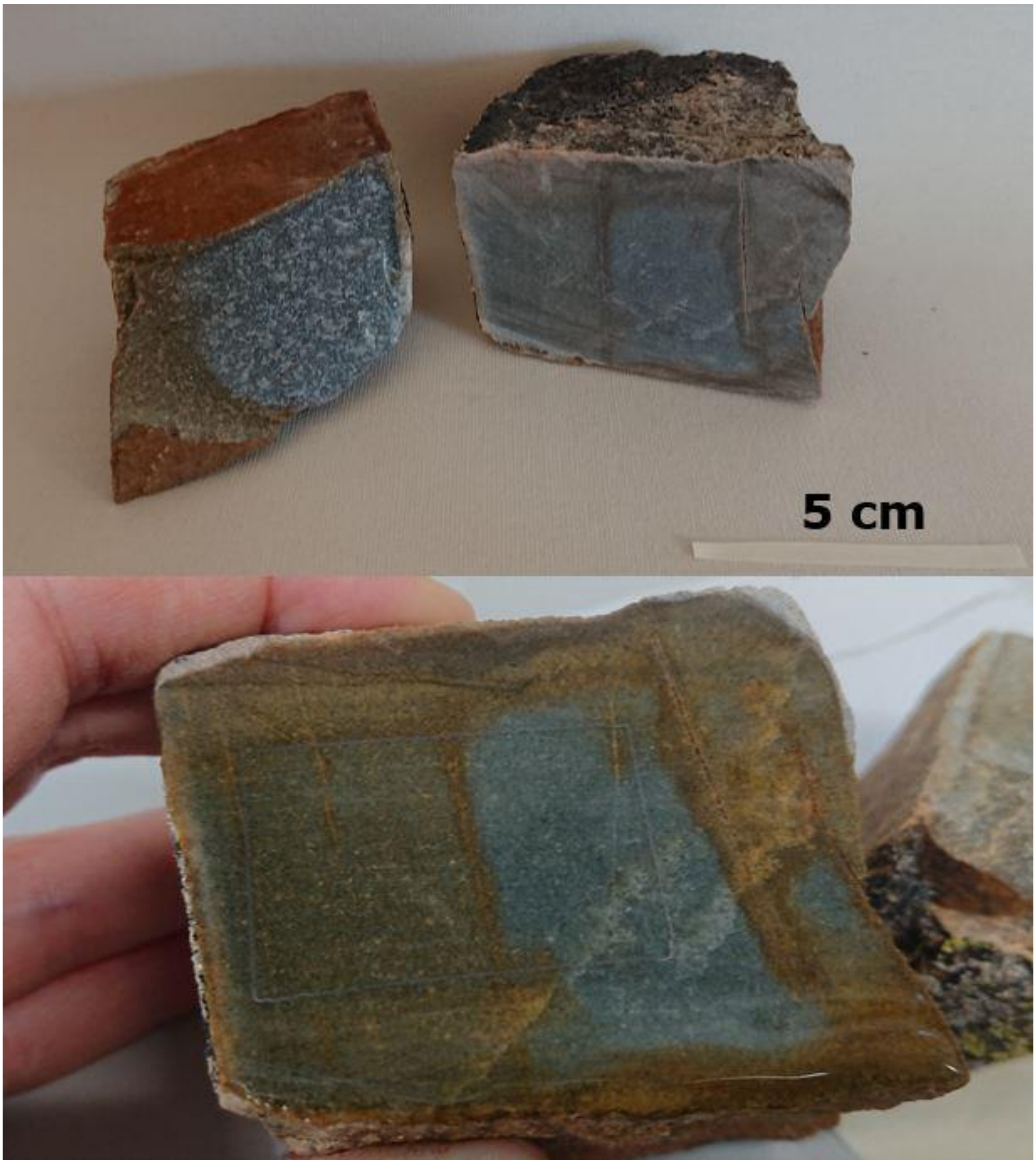
Plagioclase: 2

Matrix (type and amount): 3%, siliciclastic

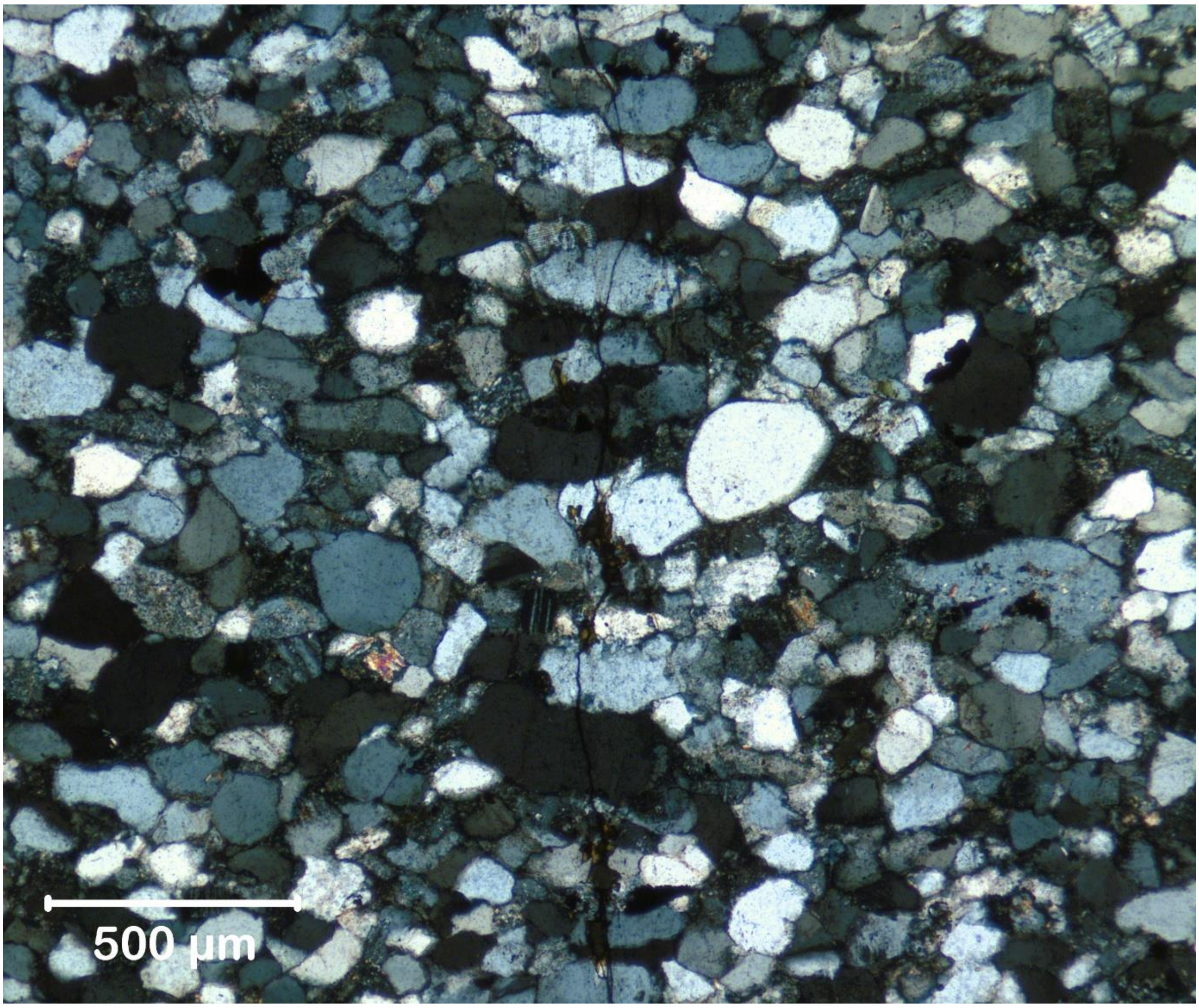
Porosity (% estimate based on visual chart): 0

Amount of compaction (qualitative description): well compacted

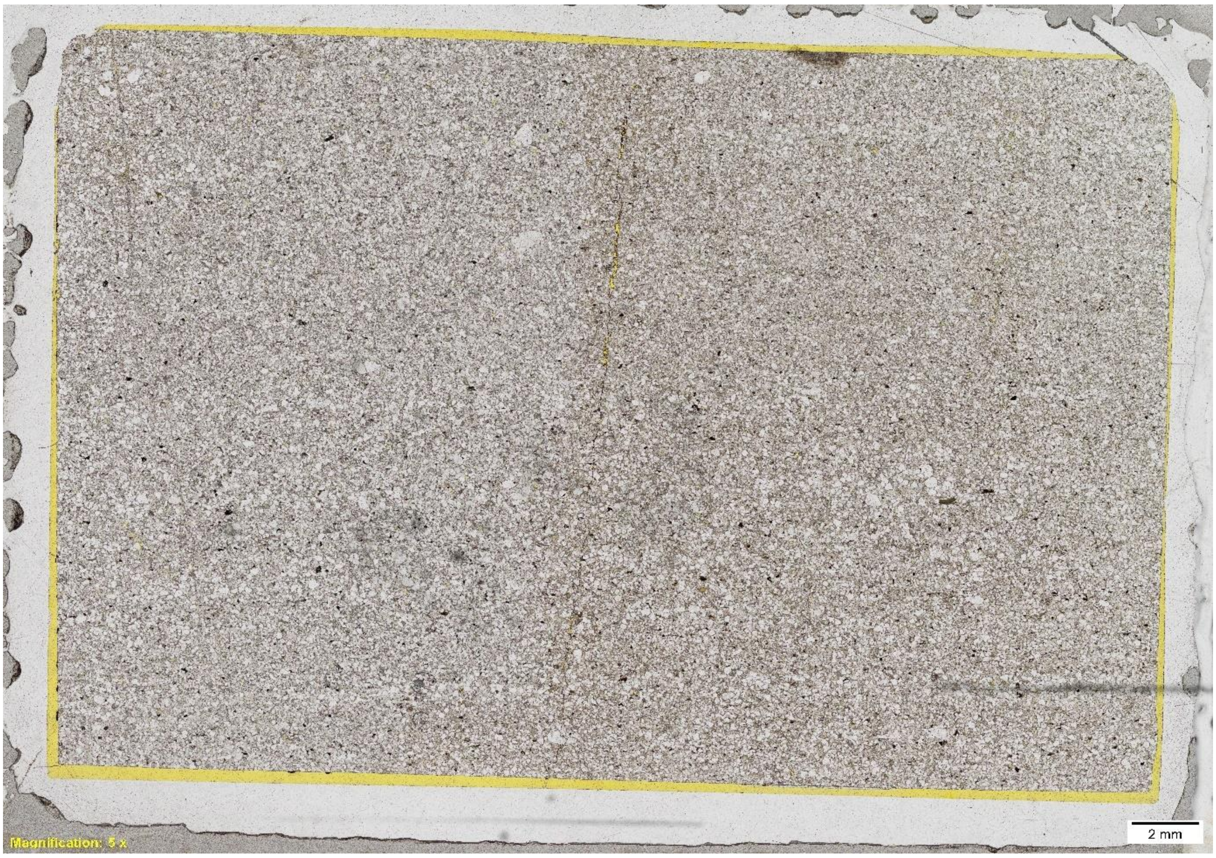
Rock name: Quartz arenite



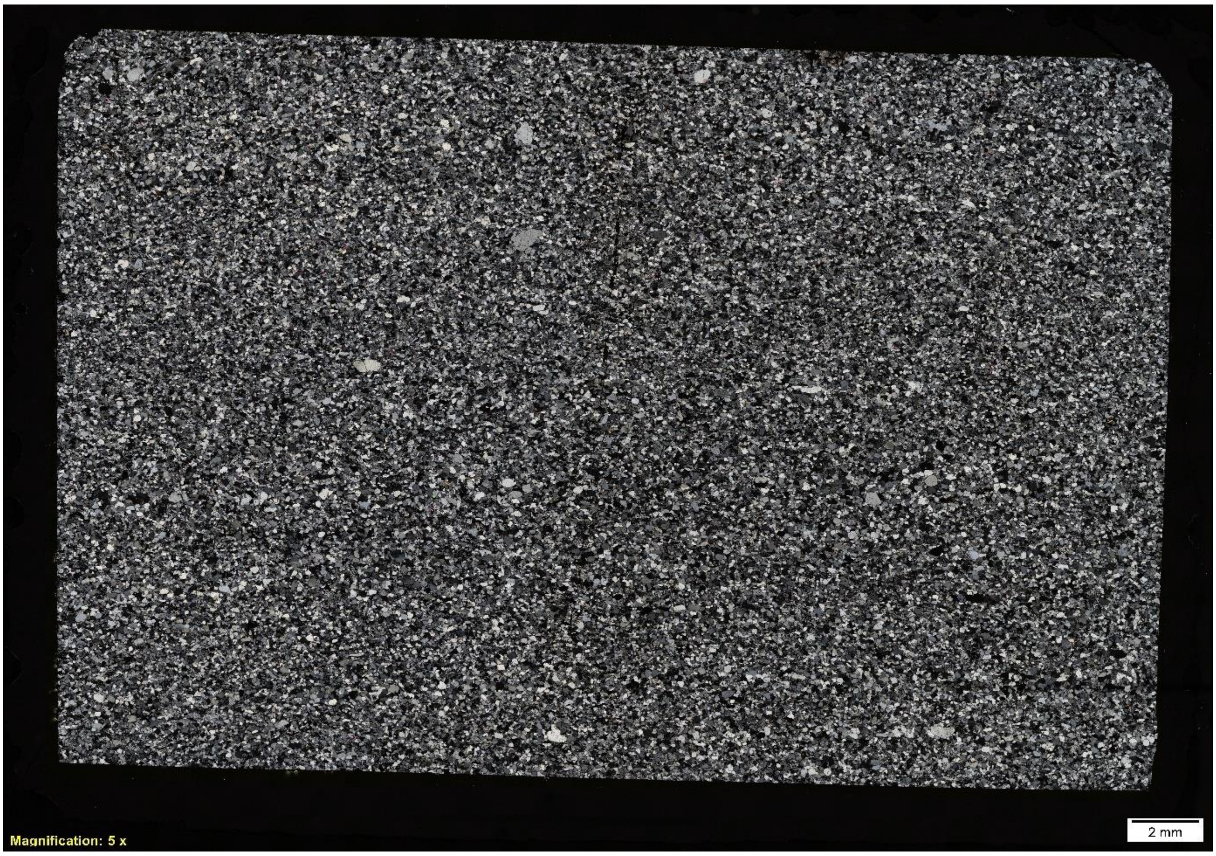
Hand specimens of STAL119260 with the area of the thin section highlighted in lower inset.



Quartz arenite with subangular to rounded grains. Photo taken in xpl.



Ppl scan of STAL119260.



Xpl scan of STAL119260.

Sample STAI119257

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.15 mm, name: fine sand

Min: 0.01 mm, name: fine silt

Dominant: 0.05 mm, name: coarse silt

Rounding: Subangular to rounded

Sorting: moderately

Clastic particles: % of grains (based on visual chart)

Quartz: 86

Muscovite or illite: 7

Opaque: 4

Chlorite: 2

Plagioclase: 1 (may have contained more feldspars that have been altered during seritization)

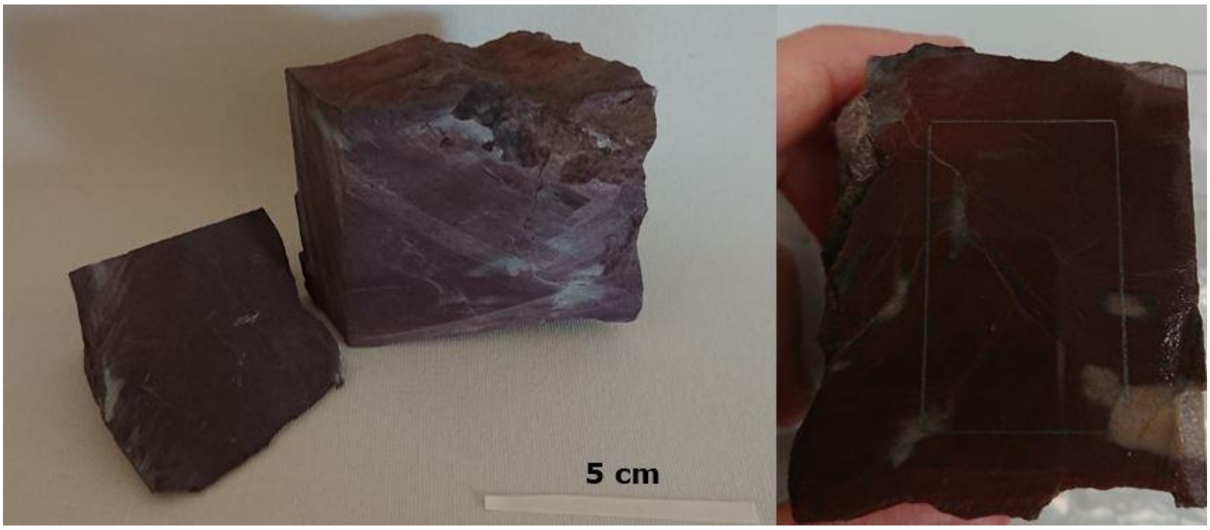
Matrix (type and amount): 10%, siliciclastic: quartz + micas + clay minerals

Porosity (% estimate based on visual chart): 0

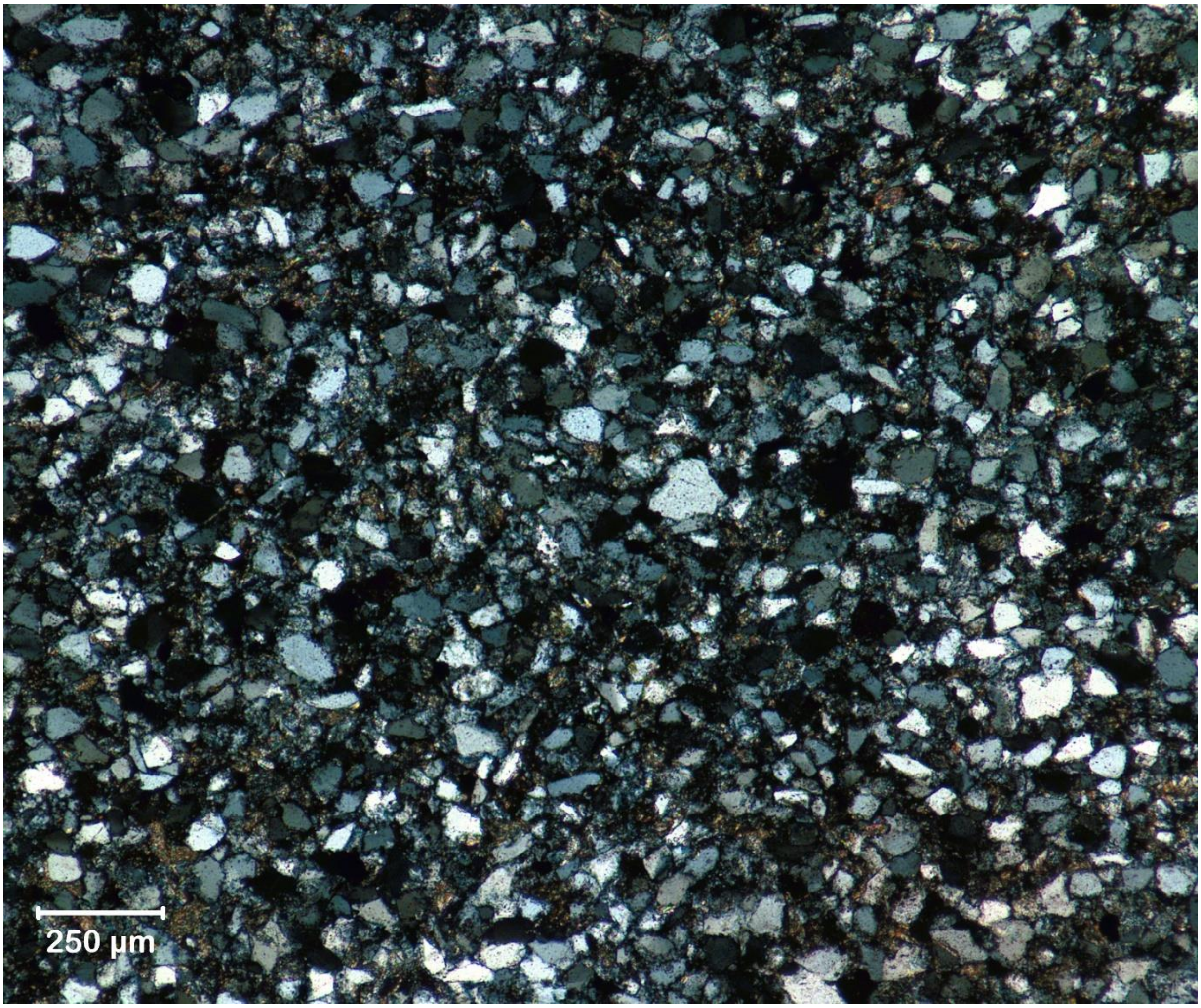
Amount of compaction (qualitative description): well compacted

Comment: Red color may be caused by oxides and clay minerals.

Rock name: Siltstone

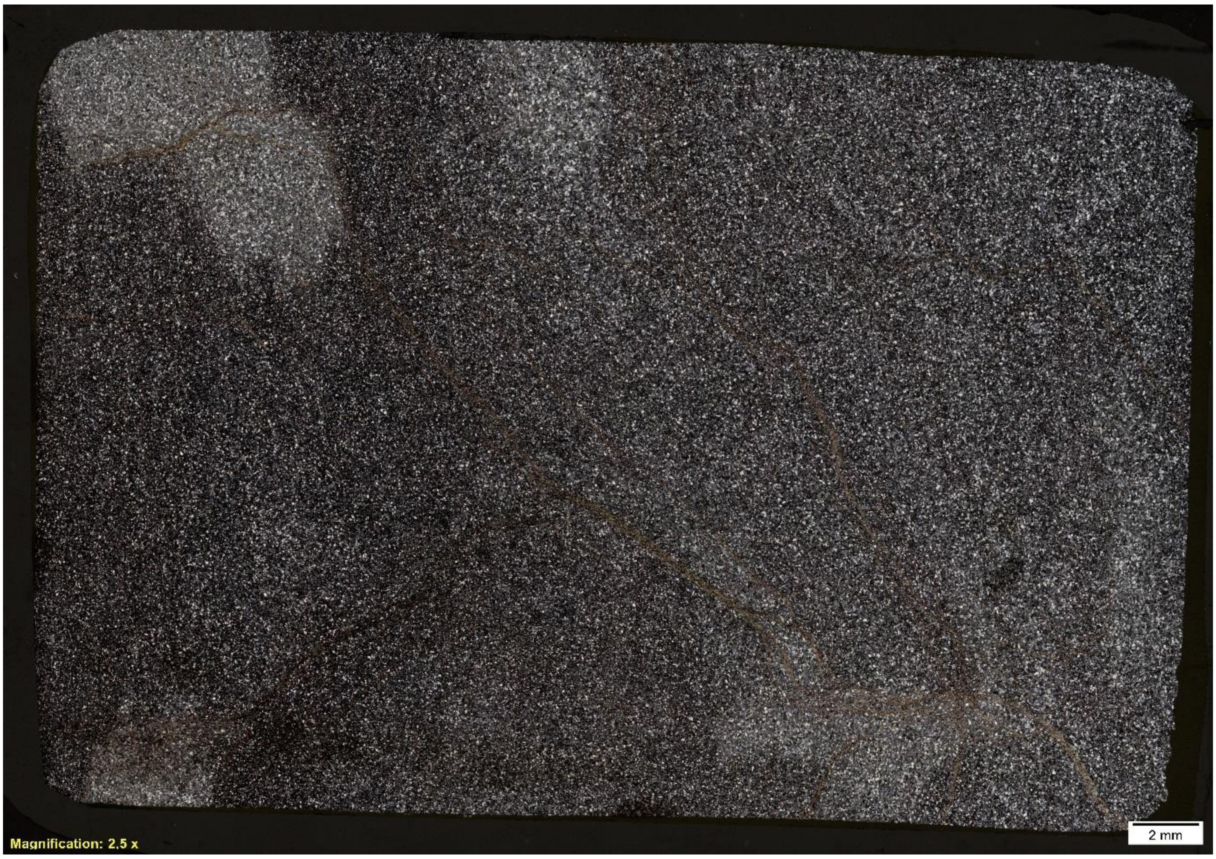


Hand specimens of STAI119257 with the area of the thin section marked in right inset.



Subangular to subrounded quartz grains. Photo taken in xpl.

Ppl scan of STAI119257.



Xpl scan of STAI119257.

Sample STAM119258

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.08 mm, name: very fine sand

Min: 0.01 mm, name: fine silt

Dominant: 0.02 mm, name: medium silt

Rounding: Subangular to rounded

Sorting: moderately

Clastic particles: % of grains (based on visual chart)

Quartz: 80

Muscovite or illite: 12

Carbonate: 3

Opaque: 3

Chlorite: 2

Matrix (type and amount): 35%, quartz + micas + clay minerals + calcareous mud

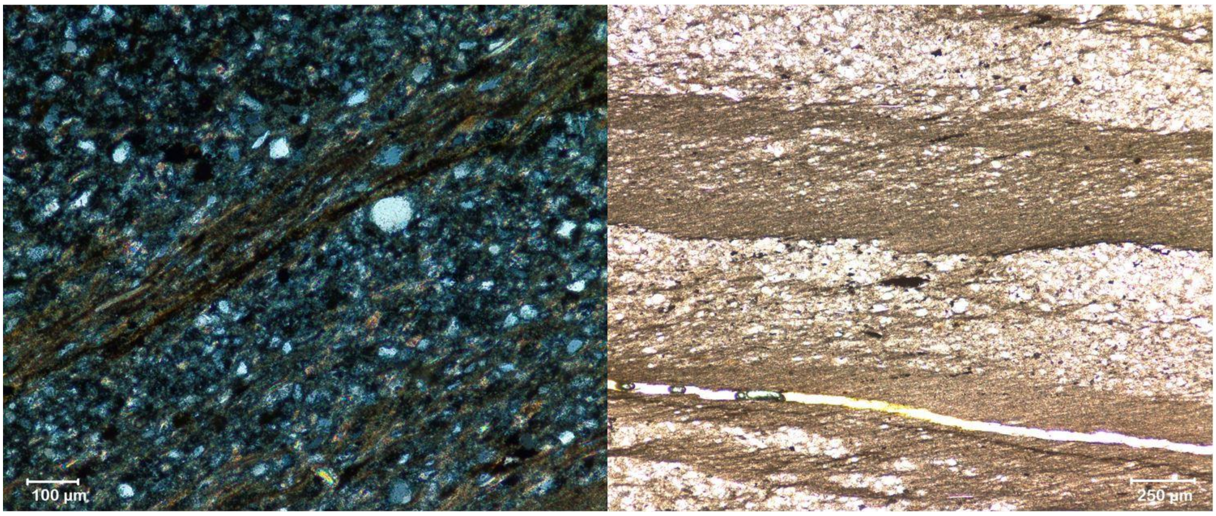
Porosity (% estimate based on visual chart): 2

Amount of compaction (qualitative description): well compacted

Sedimentary structures: lamination, alternating coarser and finer layers (rippled or foliated?).

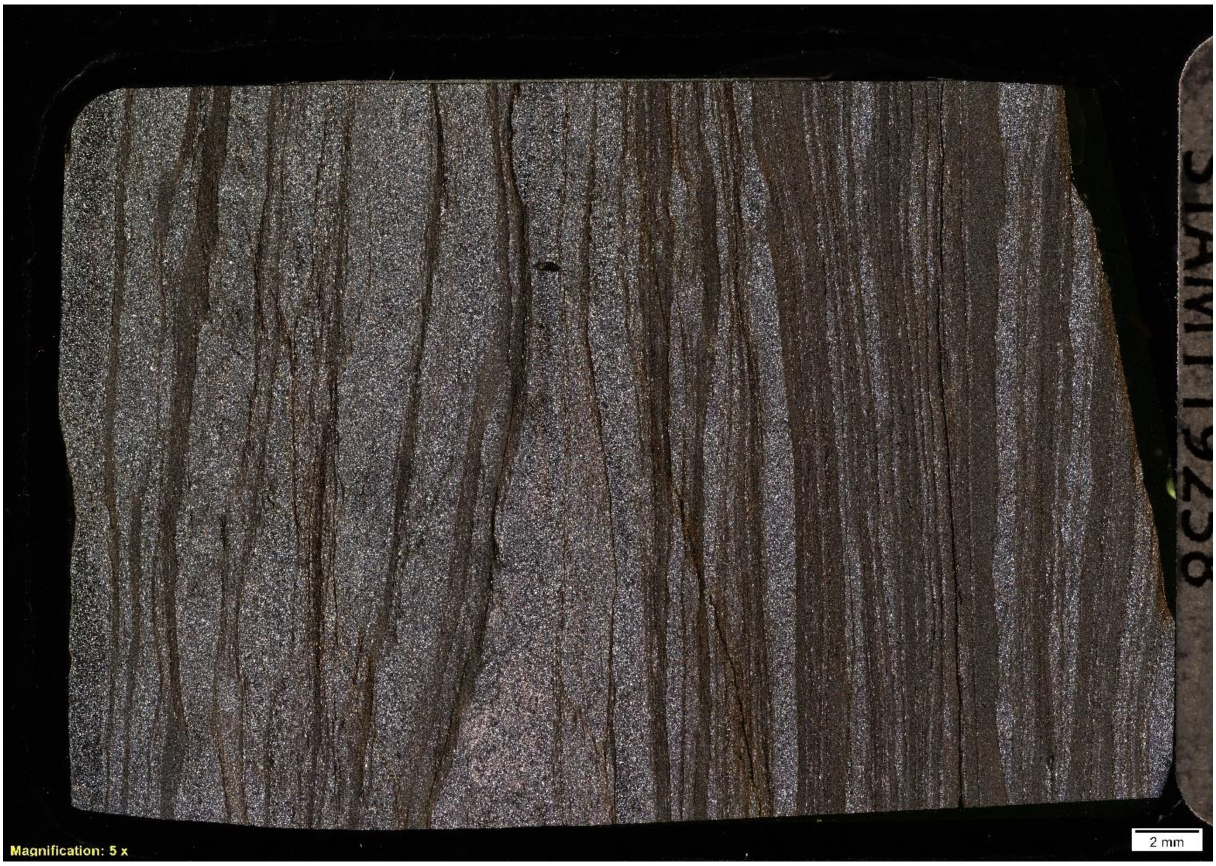
Rock name: Siltstone

Hand specimens of STAM119258 with the area of the thin section marked in right inset.



Left: subangular to rounded quartz grains. Photo taken in xpl. Right: lamination, coarser and finer layers. Photo taken in ppl.

Ppl scan of STAM119258.



Xpl scan of STAM119258.

Sample STAM119269

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.06 mm, name: coarse silt

Min: 0.005 mm, name: very fine silt

Dominant: 0.015 mm, name: fine to medium silt

Rounding: Subangular to subrounded

Sorting: moderately

Clastic particles: % of grains (based on visual chart)

Quartz: 60

Muscovite or illite: 6

Chlorite: 24

Biotite: 3

Plagioclase: 3 (may have contained more feldspars that have been altered during seritization)

Opaque: 3

Carbonates: 1

Matrix (type and amount): 35%, quartz + micas + clay minerals + calcareous mud

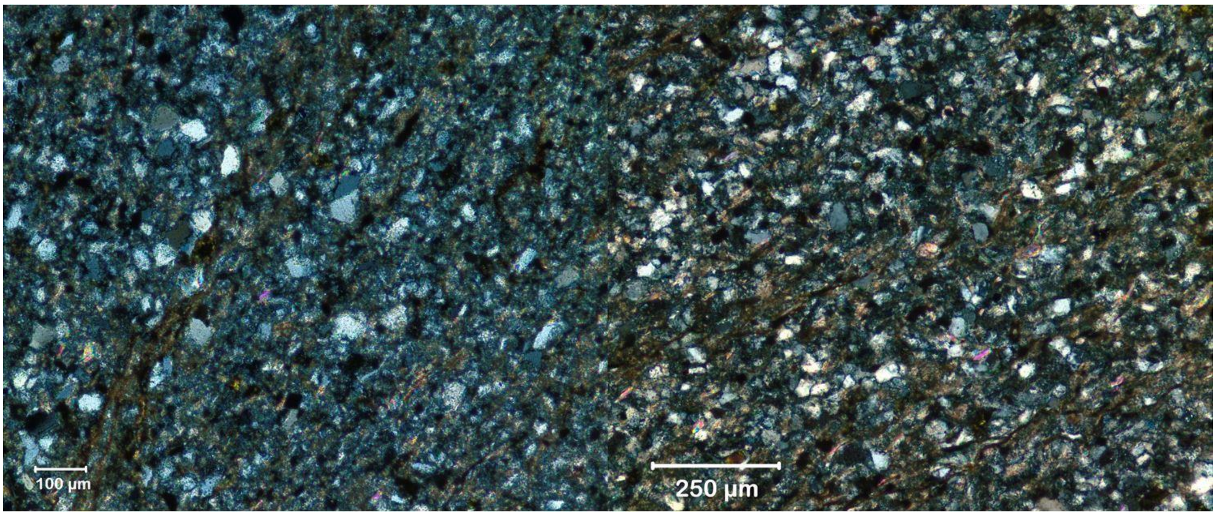
Porosity (% estimate based on visual chart): 3

Amount of compaction (qualitative description): well compacted

Sedimentary structures: Maybe ripples, but can also be foliation

Rock name: Siltstone

Hand specimens of STAM119269 with the placement of the thin section marked in right inset.



Mainly quartz and mica grains. Photo taken in xpl.

Ppl scan of STAM119269.

Xpl scan of STAM119269.

Formation

Sample BREID119259

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.4 mm, name: medium sand

Min: 0.01 mm, name: fine silt

Dominant: 0.1 mm, name: very fine sand

Rounding: Subangular to well rounded

Sorting: moderately

Clastic particles: % of grains (based on visual chart)

Quartz: 94

Muscovite or illite: 2

Biotite: 2

Opaque: 2

Matrix (type and amount): 20%, clay minerals + micas

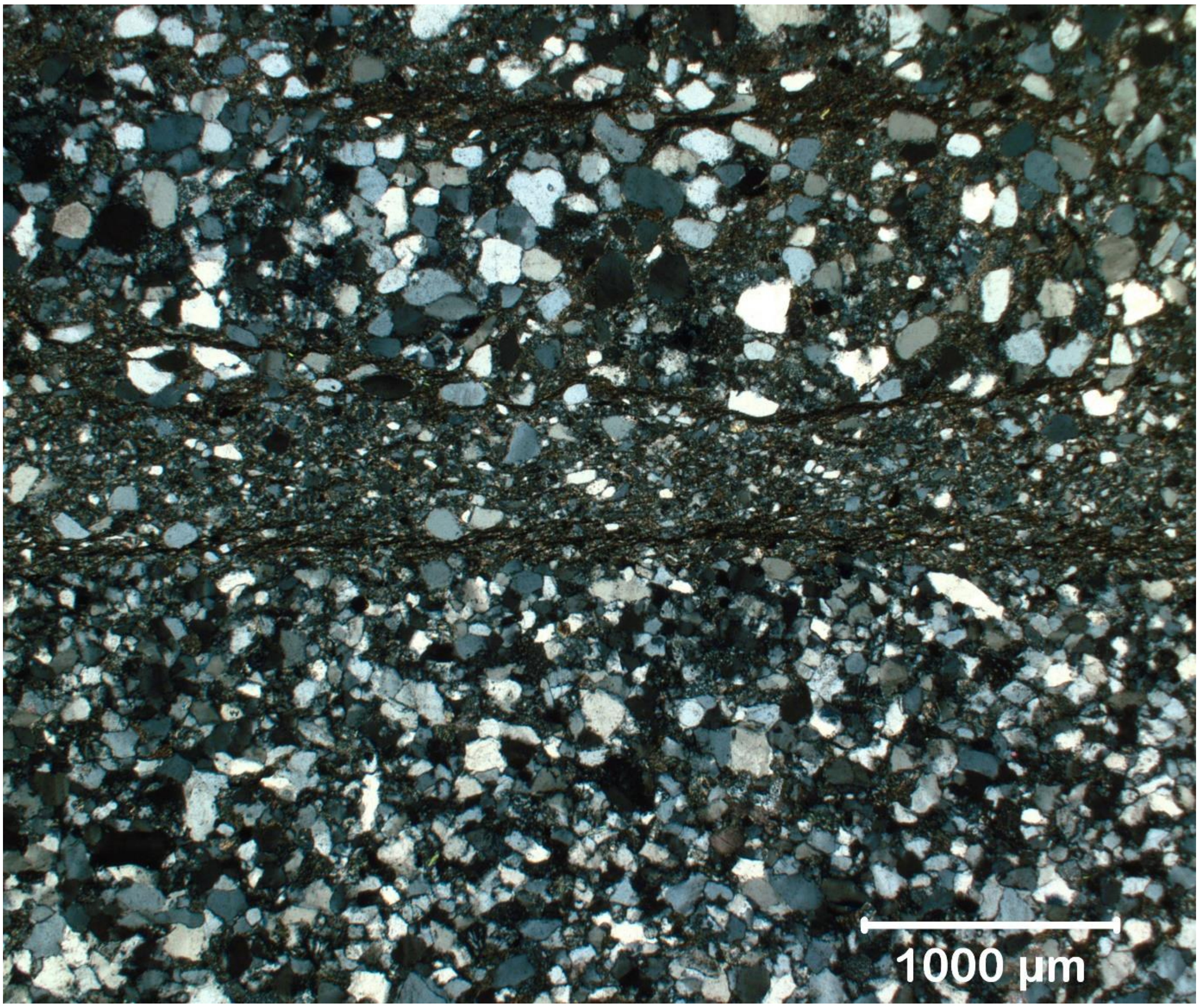
Porosity (% estimate based on visual chart): 0

Amount of compaction (qualitative description): well compacted

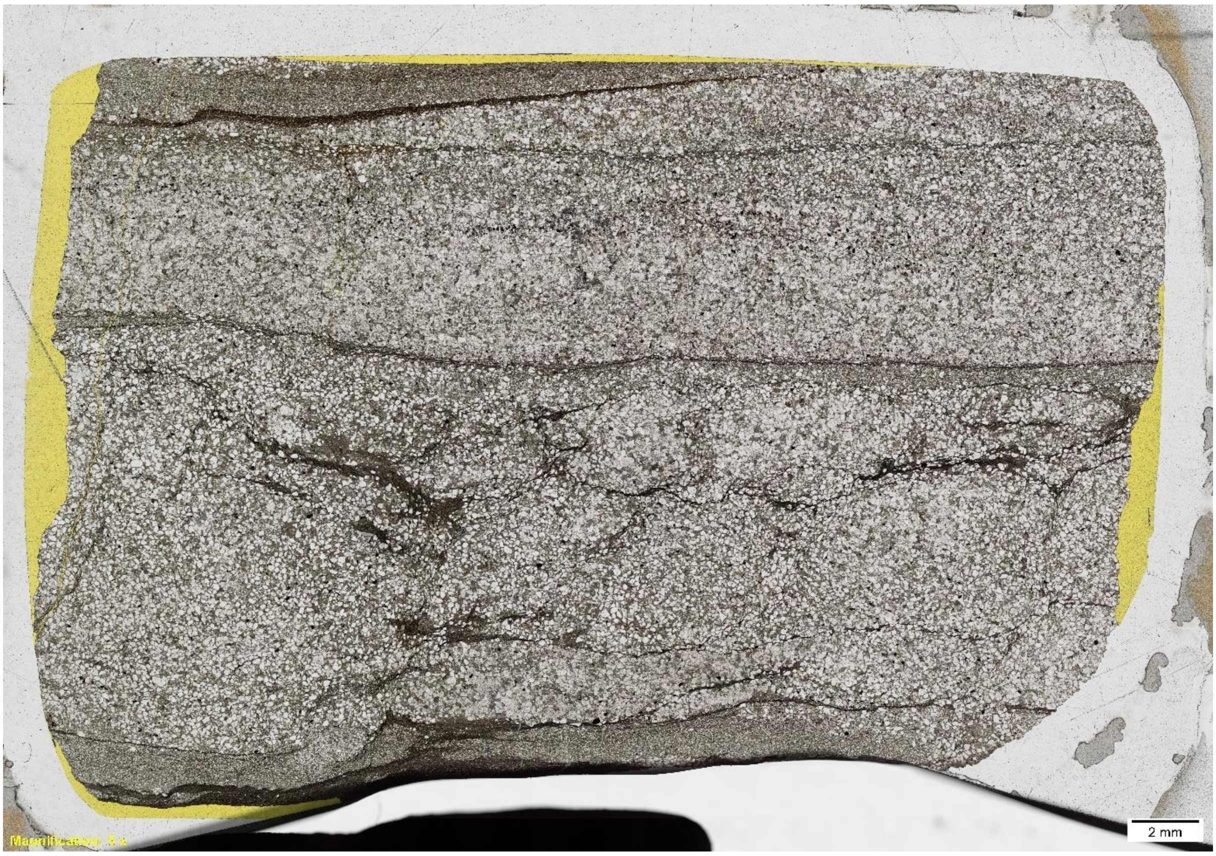
Sedimentary structures: lamination, grain size varies in different layers

Rock name: Quartz arenite

Hand specimen of BREID119259 with the placement of the thin section highlighted in lower inset.



Quartz arenite with some lamination, alternating finer and coarser layers. Photo taken in xpl.



Ppl scan of BREID119259.

Xpl scan of BREID119259.

BREID119270

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.2 mm, name: fine sand

Min: 0.005 mm, name: very fine silt

Dominant: 0.05 mm, name: coarse silt

Rounding: Subangular to subrounded

Sorting: moderately

Clastic particles: % of grains (based on visual chart)

Quartz: 90

Muscovite or illite: 2

Chlorite: 1

Biotite: 3

Opaque: 3

Plagioclase: 1 (may have been more feldspars that have been altered during seritization)

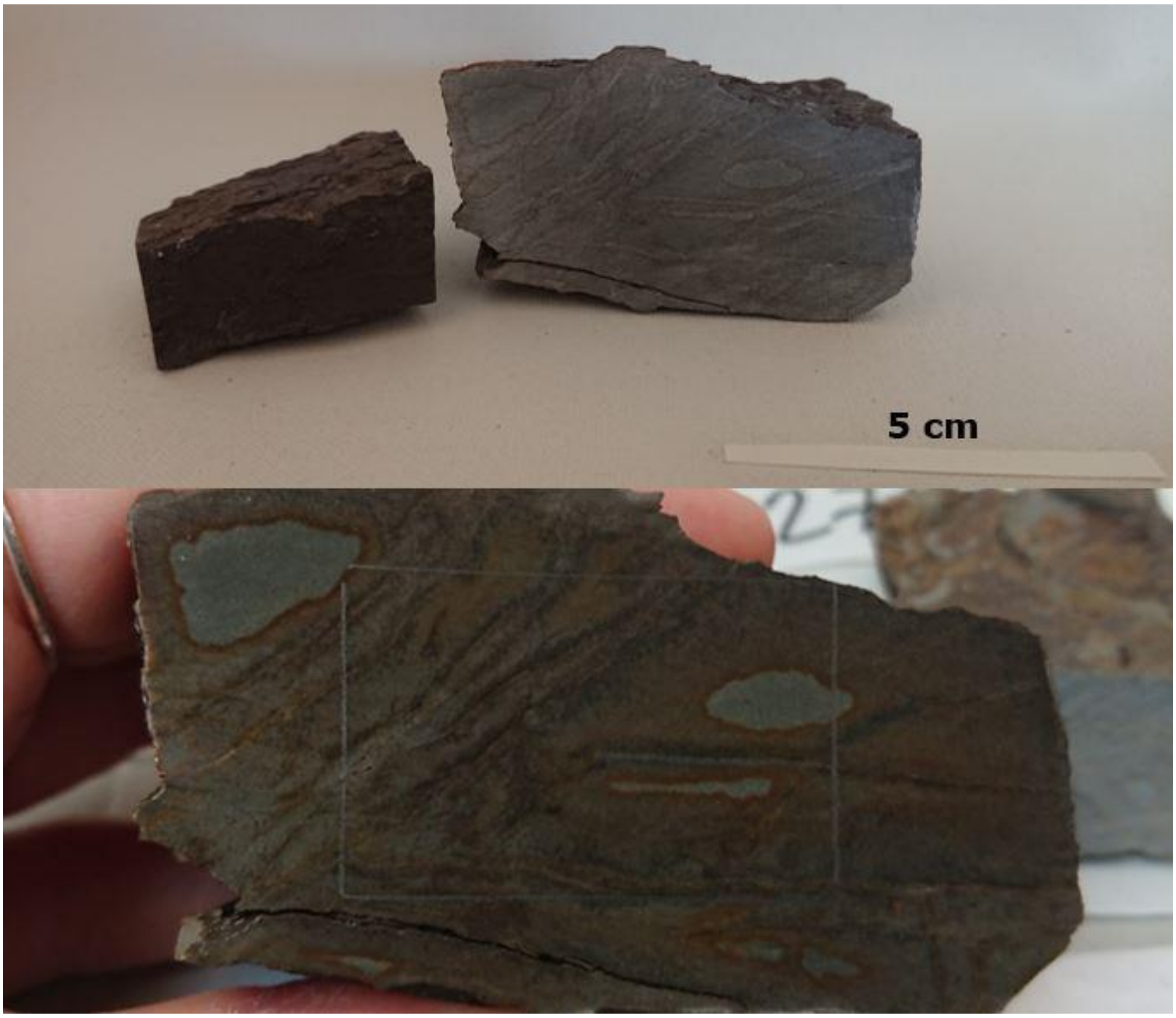
Matrix (type and amount): 30%, clay minerals + micas

Porosity (% estimate based on visual chart): 1

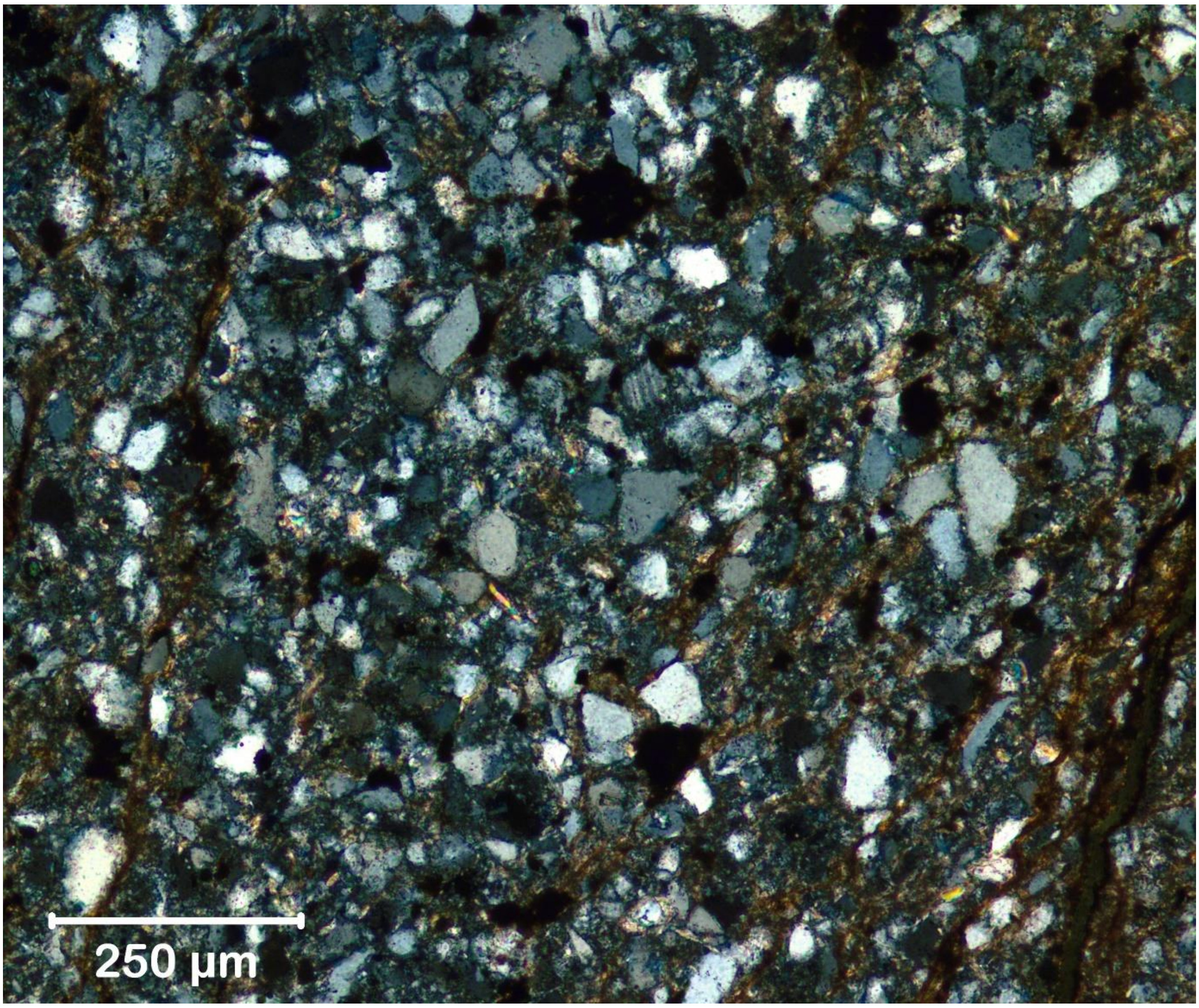
Amount of compaction (qualitative description): well compacted

Sedimentary structures: The rusty color pattern may be Liesegang.

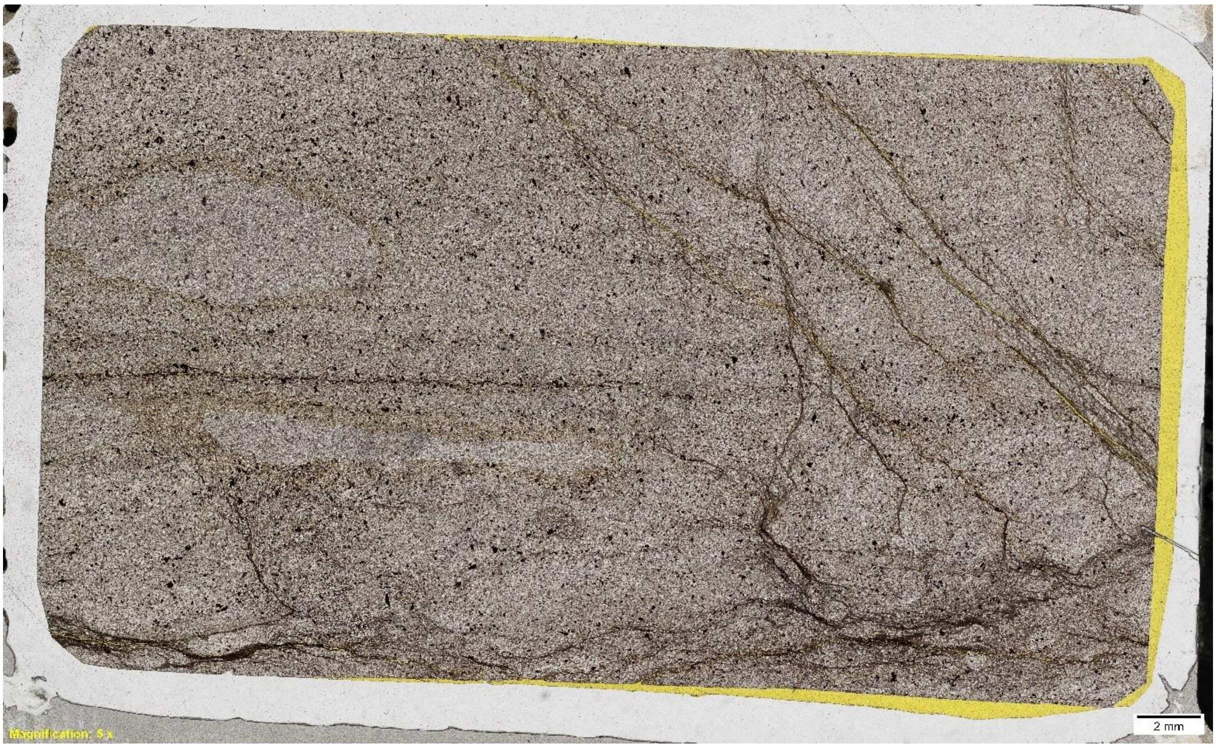
Rock name: Siltstone



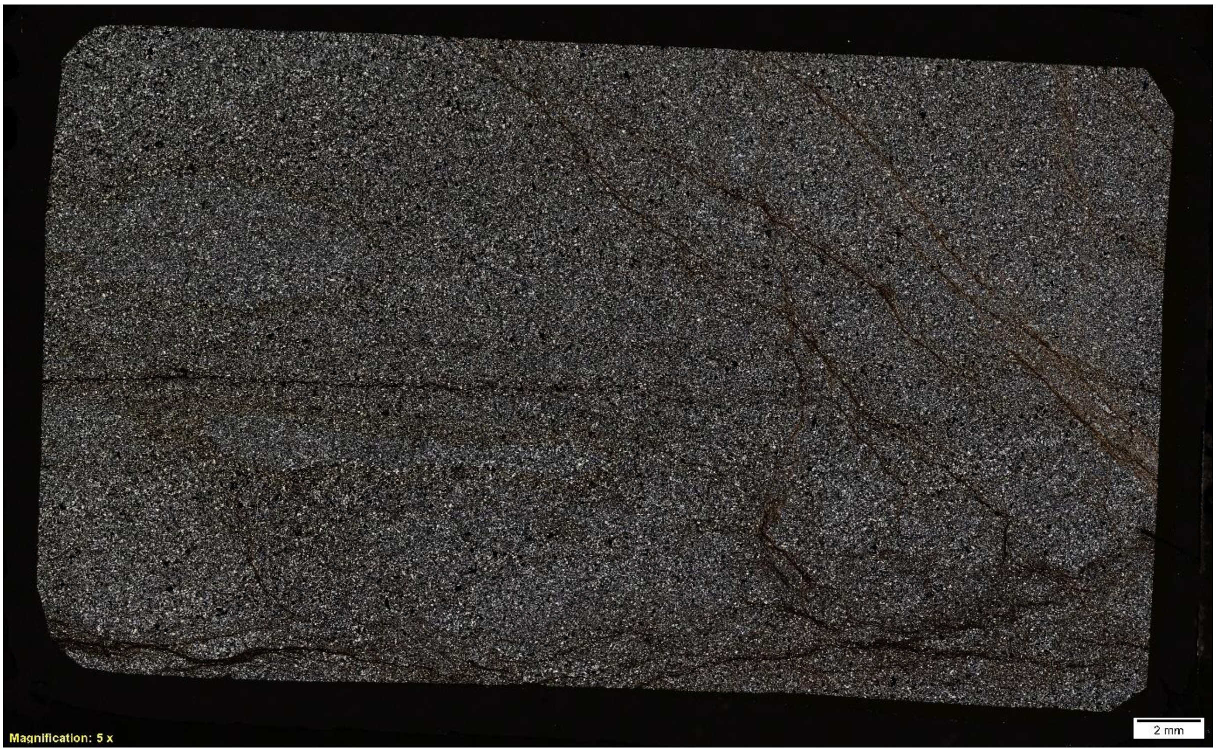
Hand specimens of BREID119270 with the area of the thin section highlighted in lower inset.



Predominantly quartz and mica grains with a few plagioclase grains. Photo taken in xpl.



Ppl scan of BREID119270.



Xpl scan of BREID119270.

Sample BREID119271

Apparent grain size (mm and name in Udden-Wentworth scale), shape, and distribution:

Max: 0.13 mm, name: fine sand

Min: 0.005 mm, name: very fine silt

Dominant: 0.06 mm, name: coarse silt

Rounding: Subangular to subrounded

Sorting: moderately

Clastic particles: % of grains (based on visual chart)

Quartz: 91

Muscovite or illite: 1

Chlorite: 3

Biotite: 3

Opaque: 2

Matrix (type and amount): 20%, quartz + clay minerals + micas

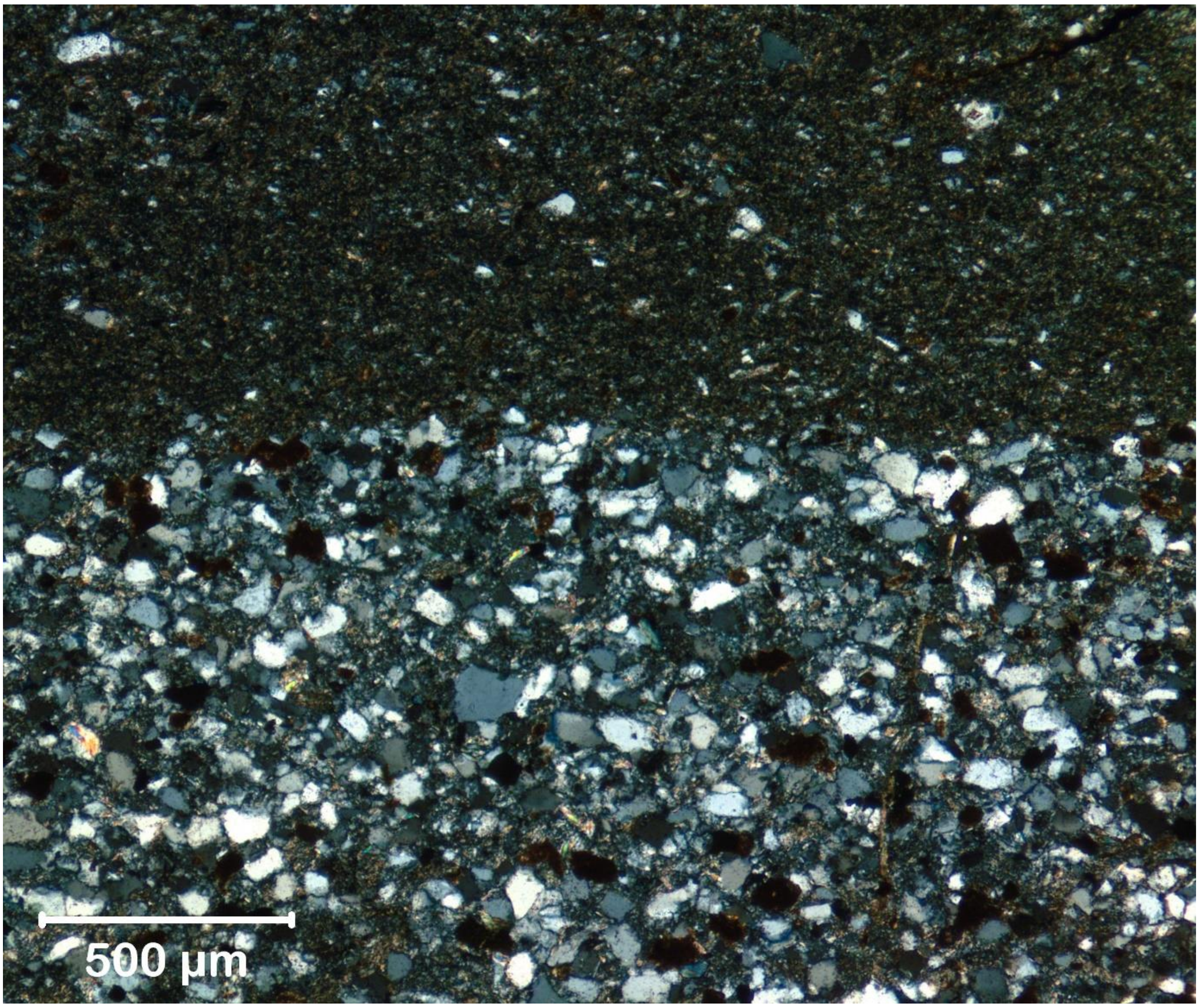
Porosity (% estimate based on visual chart): 3%, intergranular pores, but may have been caused by grains that have fallen out during preparation.

Amount of compaction (qualitative description): well compacted

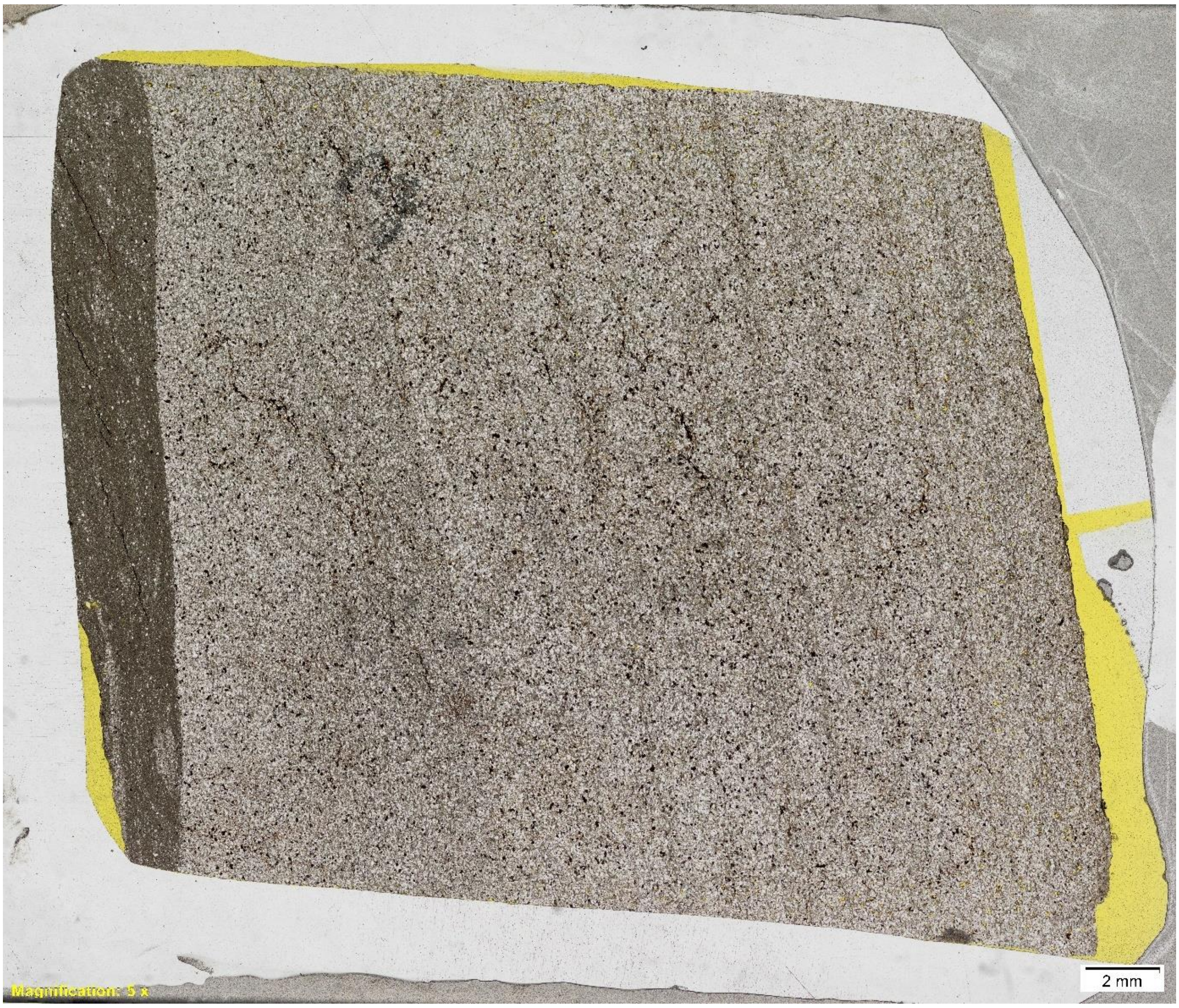
Sedimentary structures: lamination, finer and coarser layers

Rock name: Siltstone

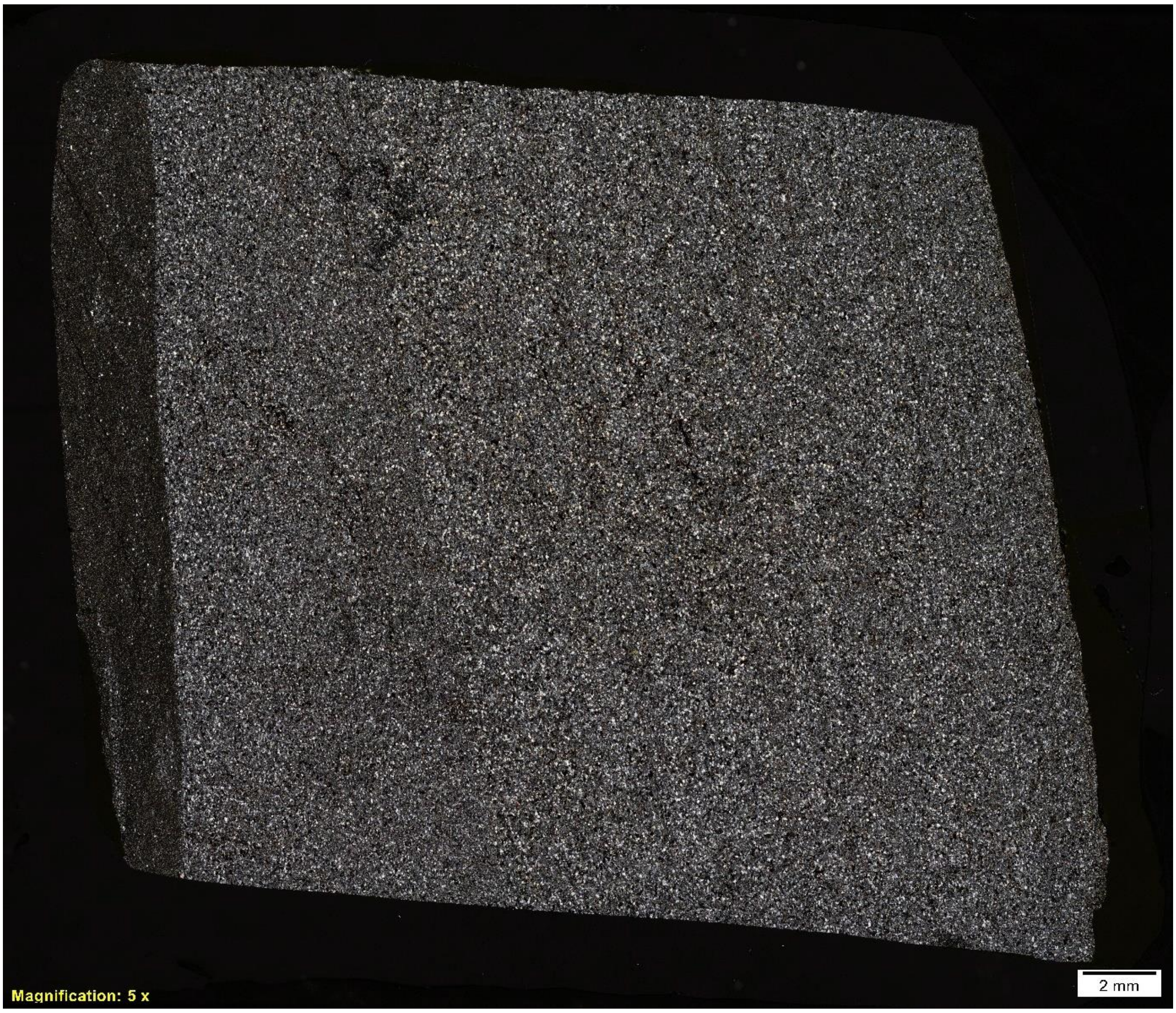
Hand specimens of BREID119271 with the placement of the thin section marked in the right inset.



Lamination: coarser, lighter layer in the lower part and finer, darker layer at the top. Photo in xpl.



Ppl scan of BREID119271.



Xpl scan of BREID119271.

Appendix 3: Sample information

The table below gives an overview of the selected samples in this study with coordinates. The two samples highlighted in red color were not analyzed for U–Pb and Lu–Hf because there were not enough zircons.

Sample nr.	Lithostratigraphic unit		Coordinate		Mount	Thin section
	Formation	Member	Longitude	Latitude		
SMAL119273	Smalfjord	-	27.98792487	70.50272083	Kine2021C	No
SMAL119272*	Smalfjord	-	27.98792487	70.50272083	Kine2021A	No
SMAL119263	Smalfjord	-	27.88586205	70.44562775	Kine2022D	Yes
NYB119264	Nyborg	-	28.06451869	70.55193571	No zircons	No
NYB119256	Nyborg	-	27.70361631	70.43375447	Kine2022A & B	Yes
NYB119251	Nyborg	-	27.8542506	70.43241428	Kine2022A & B	Yes
MORT119266	Mortensnes	-	28.01918398	70.54182106	Kine2021B	No
MORT119265	Mortensnes	-	28.01918398	70.54182106	Kine2021A	No
MORT119254	Mortensnes	-	27.79990134	70.43870566	Kine2022D	Yes
STAL119267	Stáhpogieddi	Lillevatnet	28.01684707	70.5423221	Kine2022A	No
STAL119260	Stáhpogieddi	Lillevatnet	27.68415562	70.43454453	Kine2022C	Yes
STAI119268	Stáhpogieddi	Innerelva	28.01597675	70.54224045	Kine2021B	No
STAI119257	Stáhpogieddi	Innerelva	27.28976253	70.44513173	Kine2022C	Yes
STAM021651	Stáhpogieddi	Manndrapselva	27.2746	70.4472	Kine2022E	No
STAM119269	Stáhpogieddi	Manndrapselva	28.0267243	70.55012725	Kine2022B	Yes
STAM119258	Stáhpogieddi	Manndrapselva	27.26599601	70.44732257	No zircons	Yes
BREID119270	Breidvika	Lower	28.01874207	70.55253622	Kine2022C	Yes
BREID119271	Breidvika	Upper	28.00580509	70.55686436	Kine2021C	Yes
BREID119259	Breidvika	-	27.21880926	70.4506138	Kine2022D	Yes

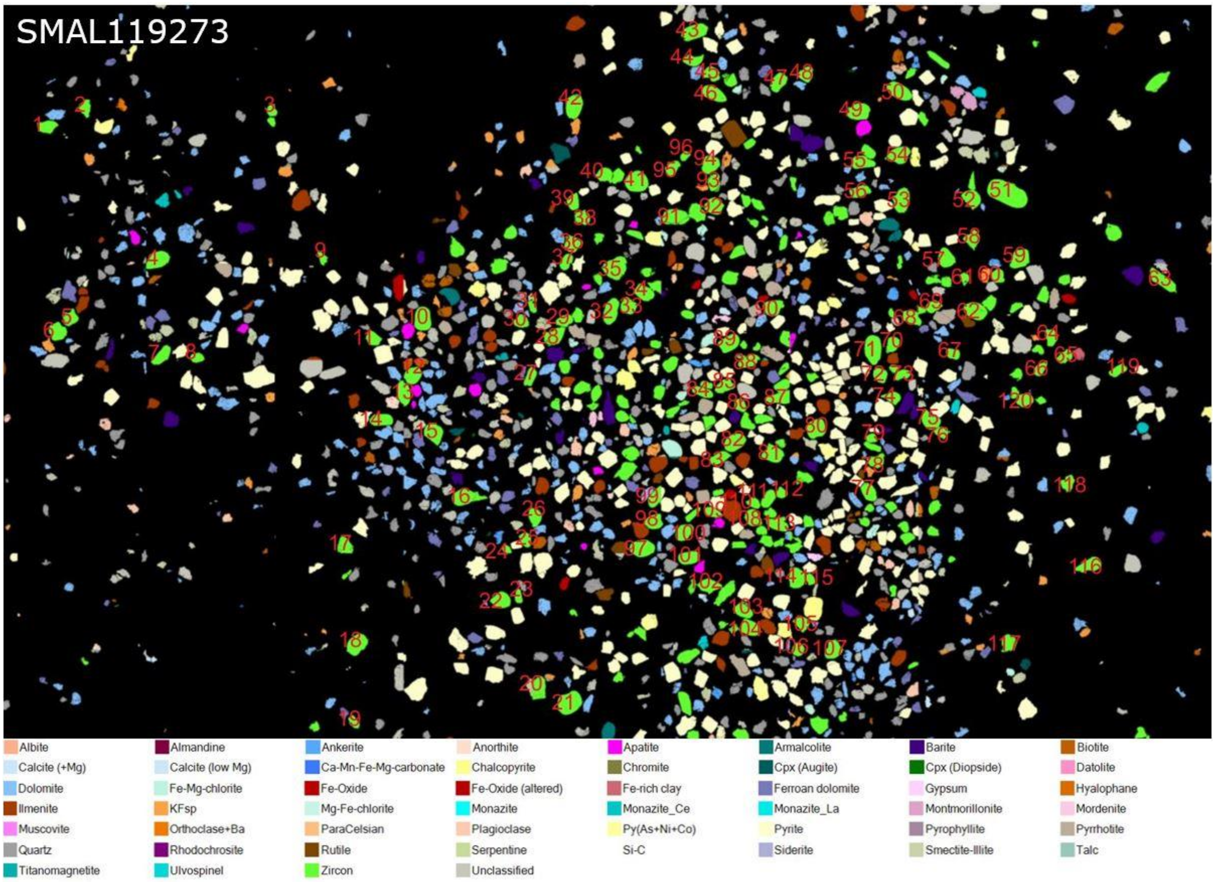
*Sample was discarded due to discordant analyses.

Appendix 4: SEM images

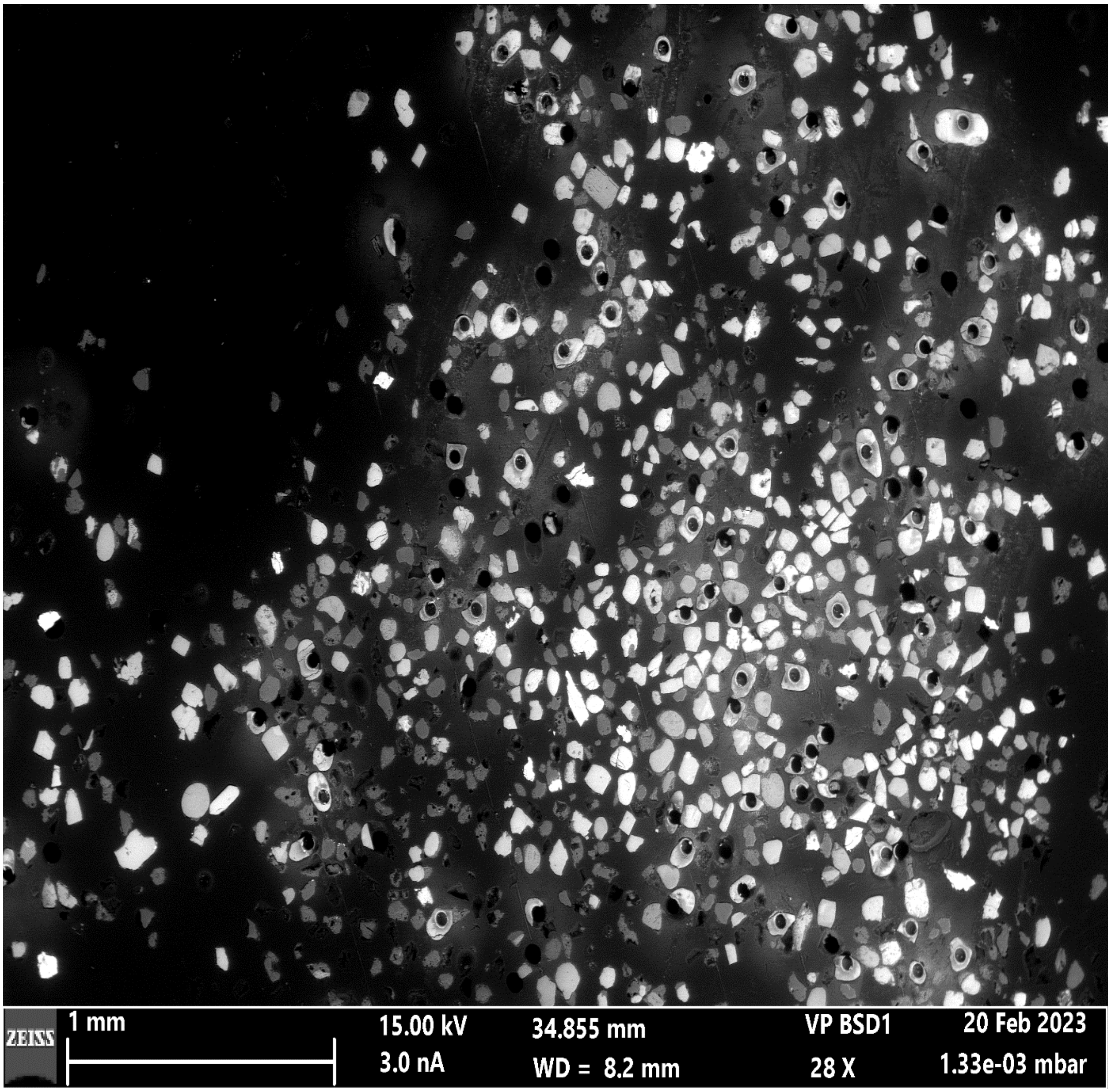
This appendix contains backscatter electron (BSE) and cathodoluminescence (CL) images of the analyzed samples, starting with the samples from the stratigraphically lowermost Smalfjord Formation, and continuing upwards in the succession up to the Breidvika Formation.

SMAL119273, mount Kine2021C

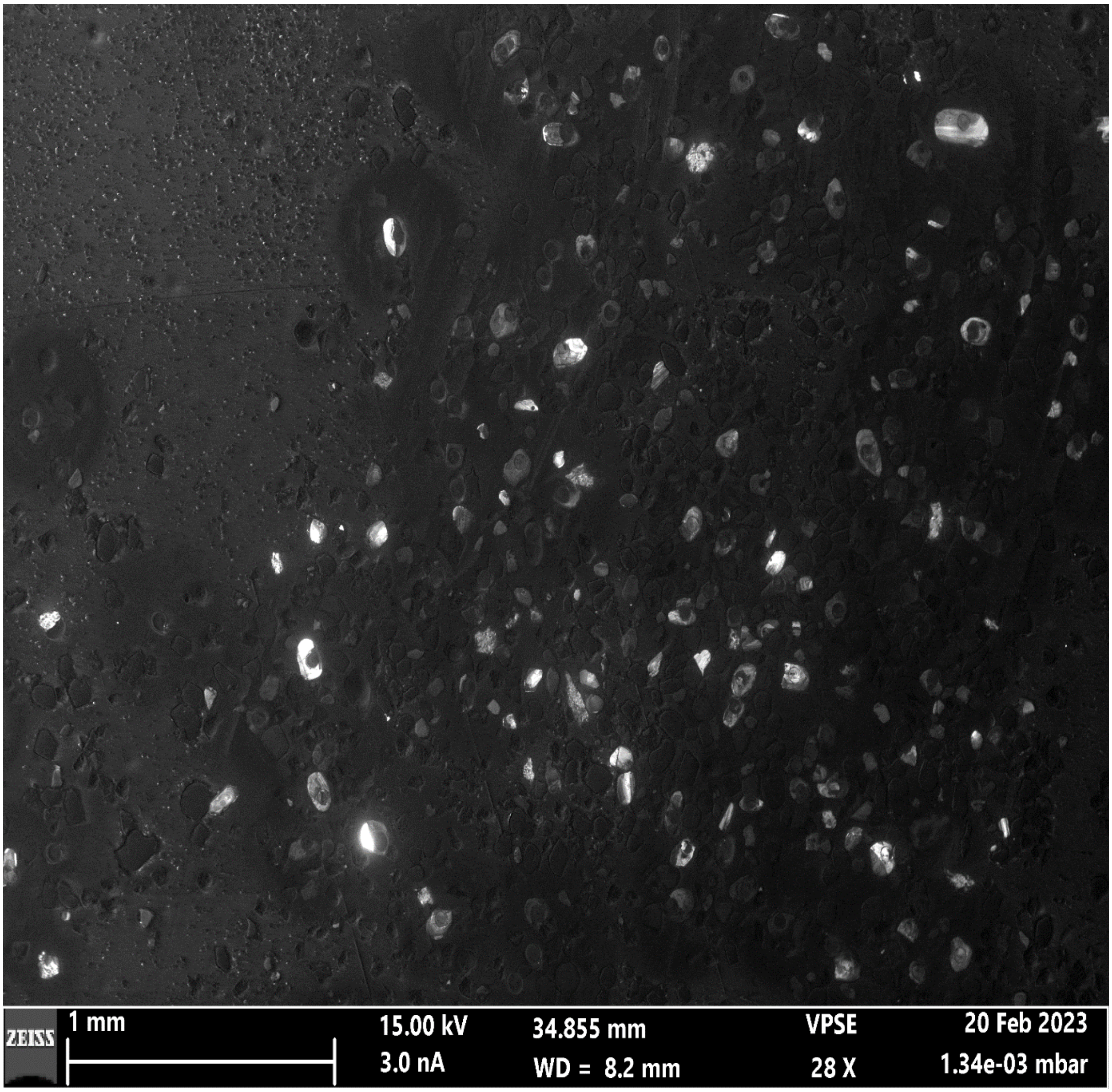
Mineral map (zircons are green) of sample SMAL119273 with spots selected for analysis:



BSE image of SMAL119273 post analysis:

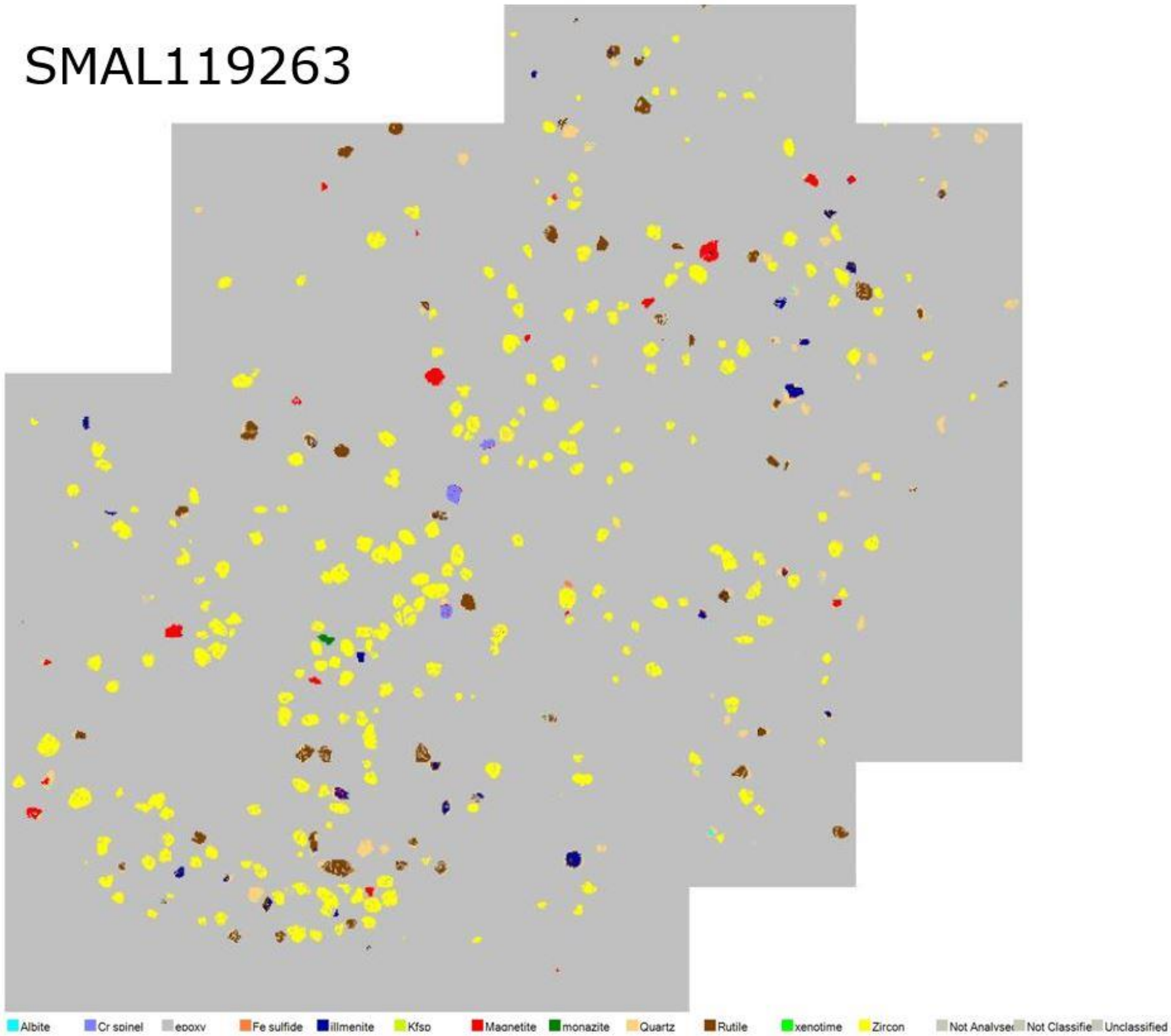


CL image of SMAL119273 post analysis:

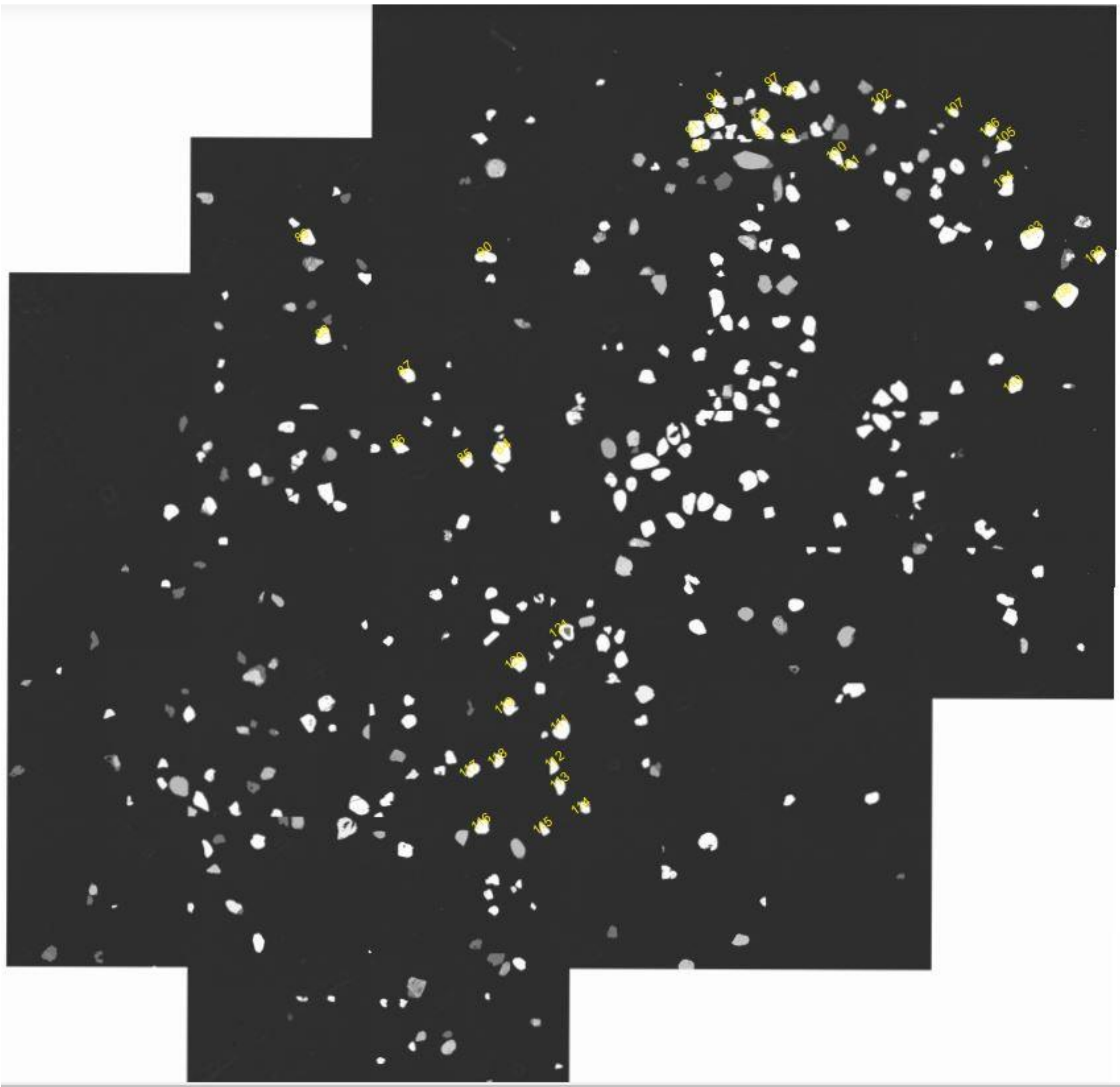


SMAL119263, mount Kine2022D

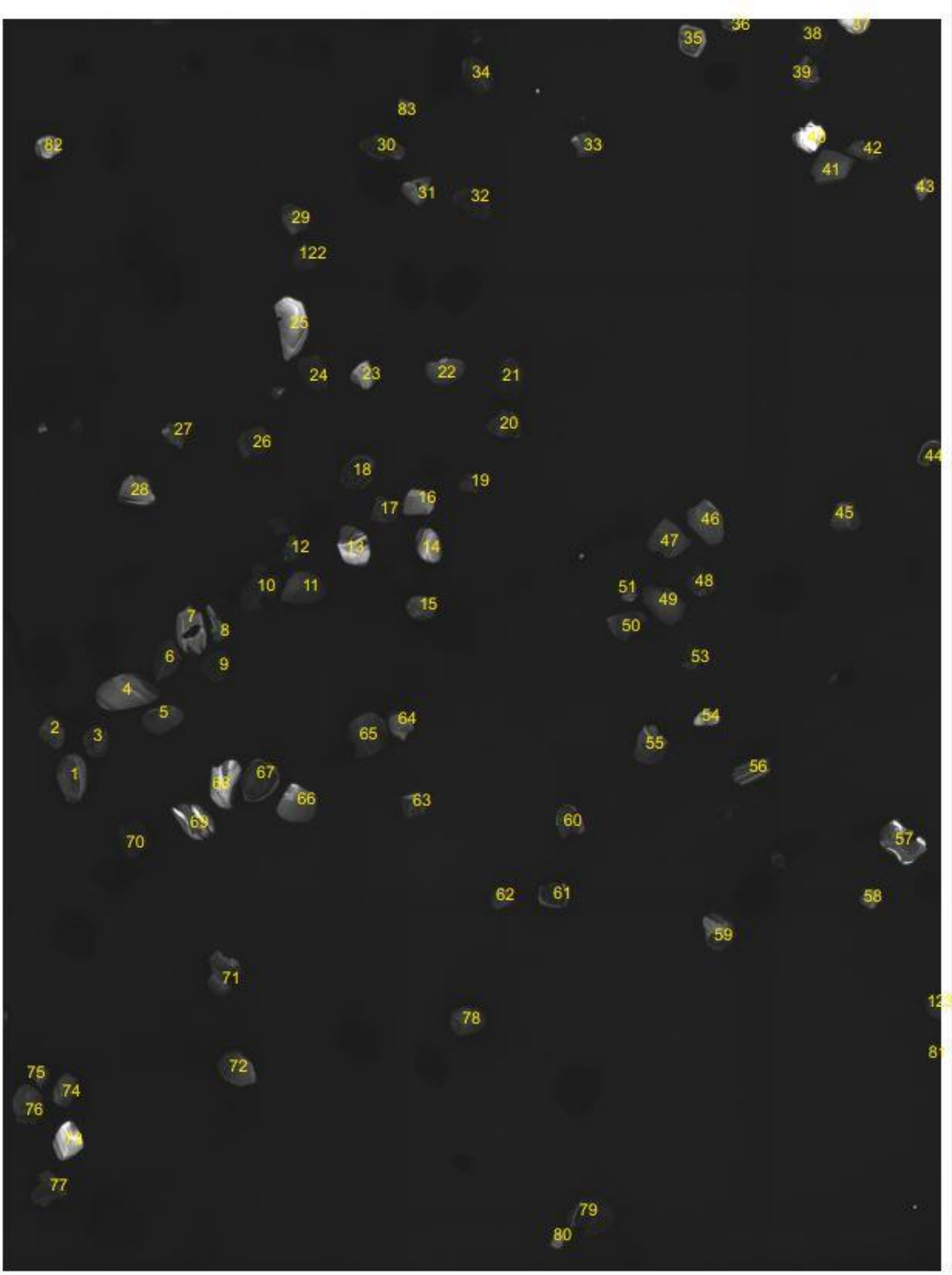
Mineral map (zircons are yellow) of SMAL119263:



BSE image of SMAL119263 with spots 84–121 highlighted in yellow:

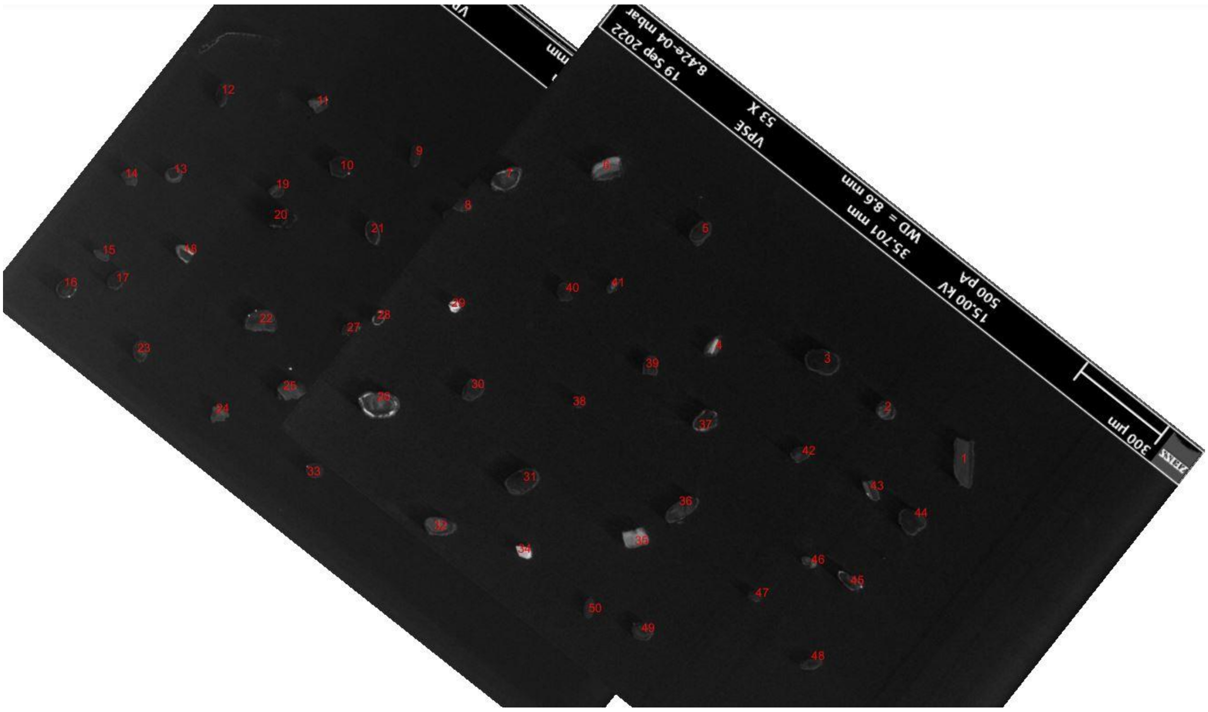


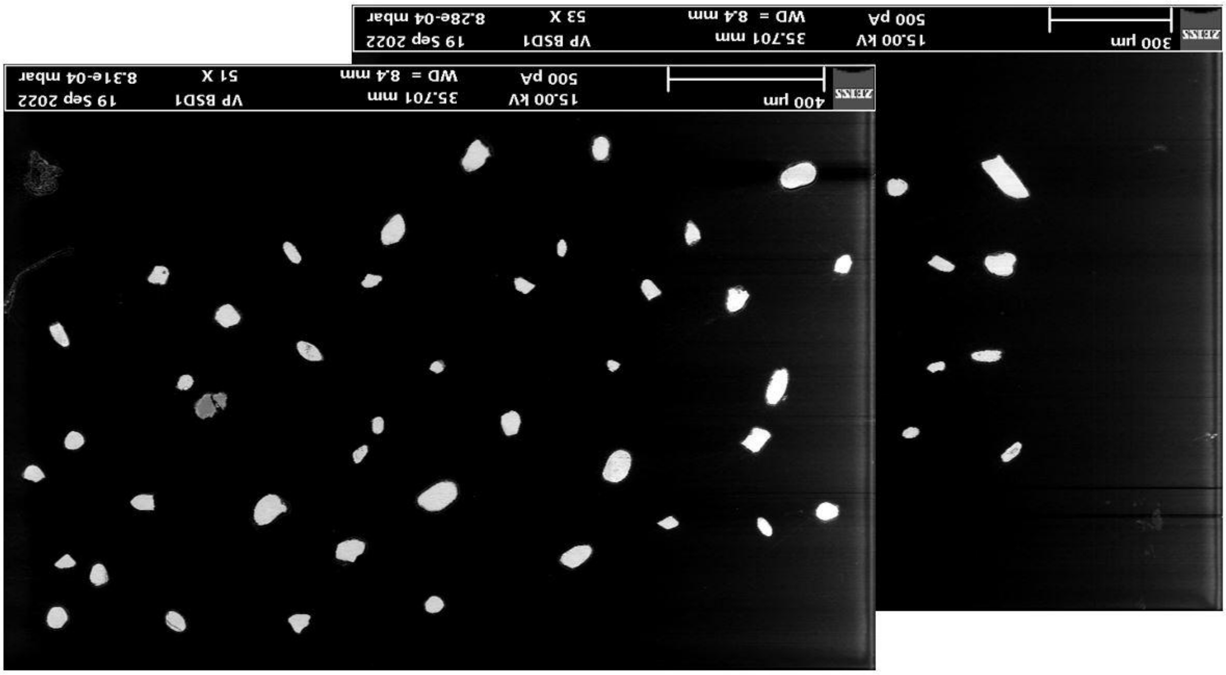
CL image of SMAL119263 with spots 1–83 and 122–123 highlighted in yellow:



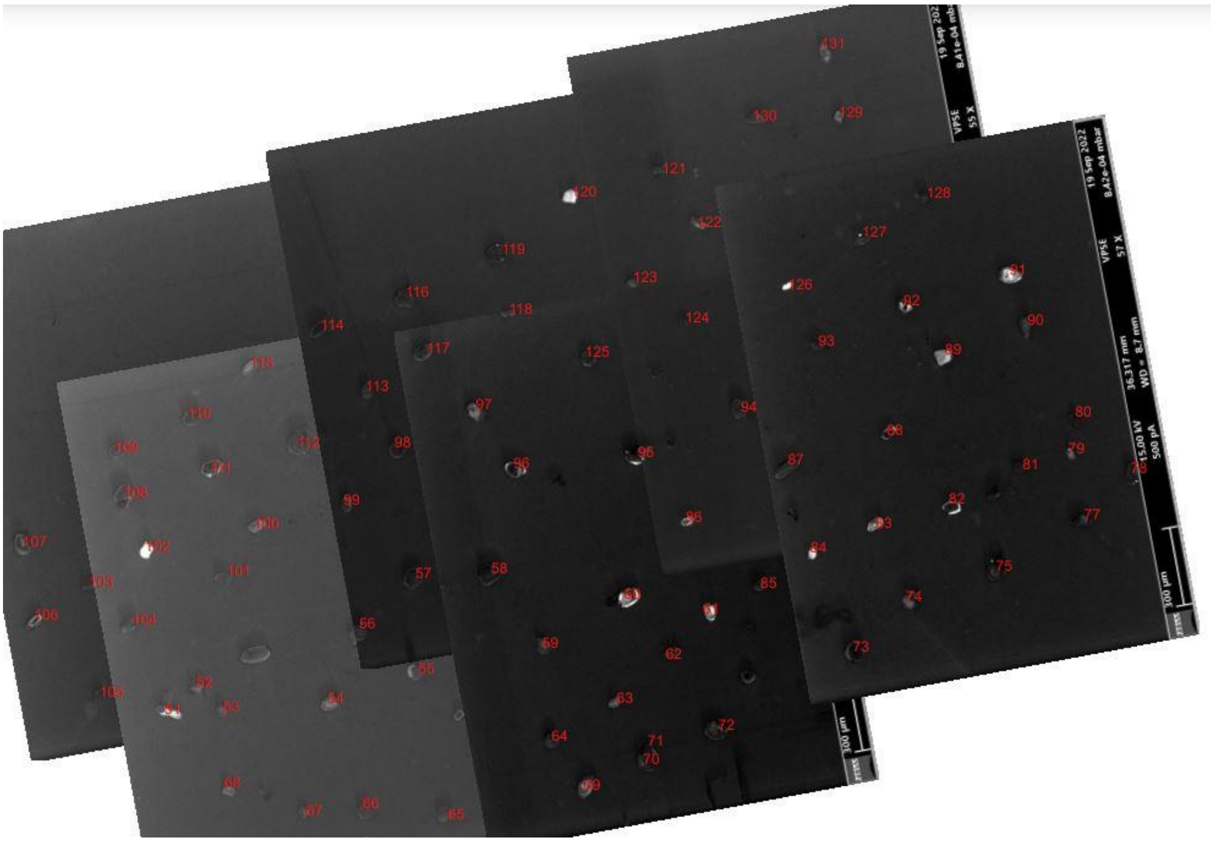
NYB119256, mount Kine2022A & B

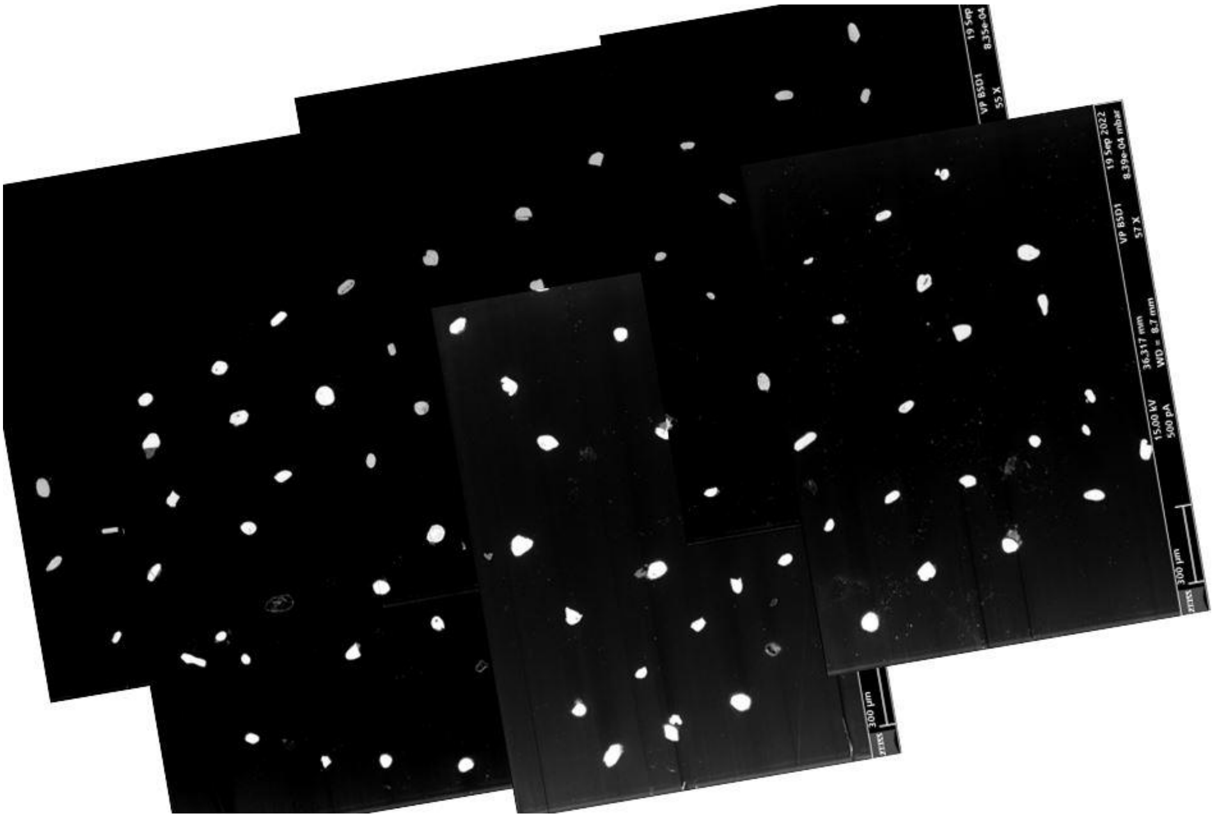
CL image with spots 1–50 and BSE image of NYB119256 in mount Kine2022A:





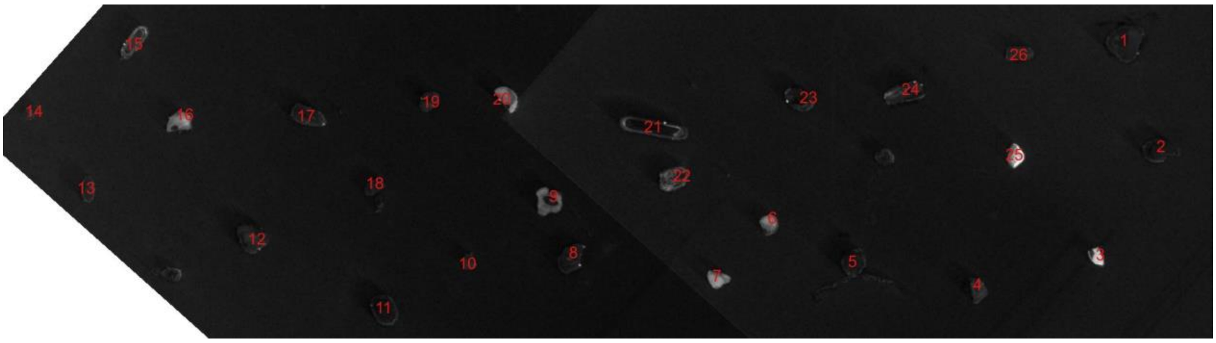
Cl image with spots 51–131 and BSE image of NYB119256 in mount Kine2022B:

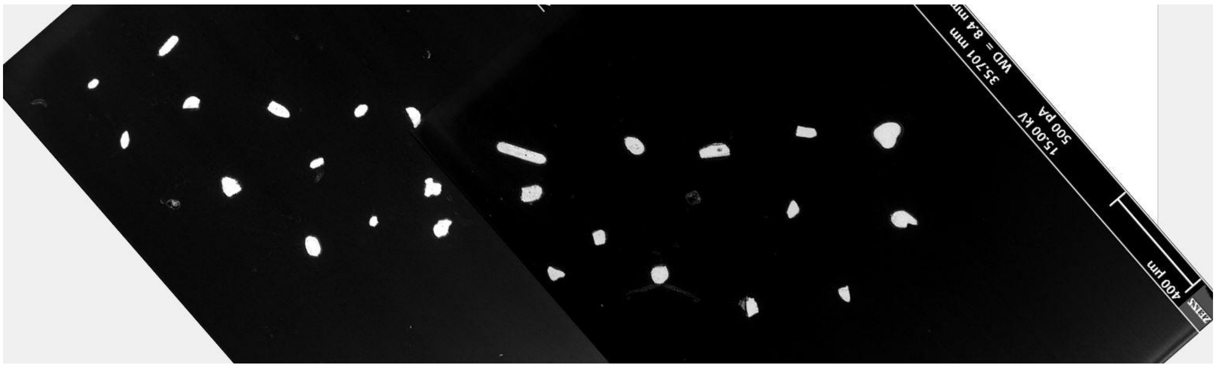




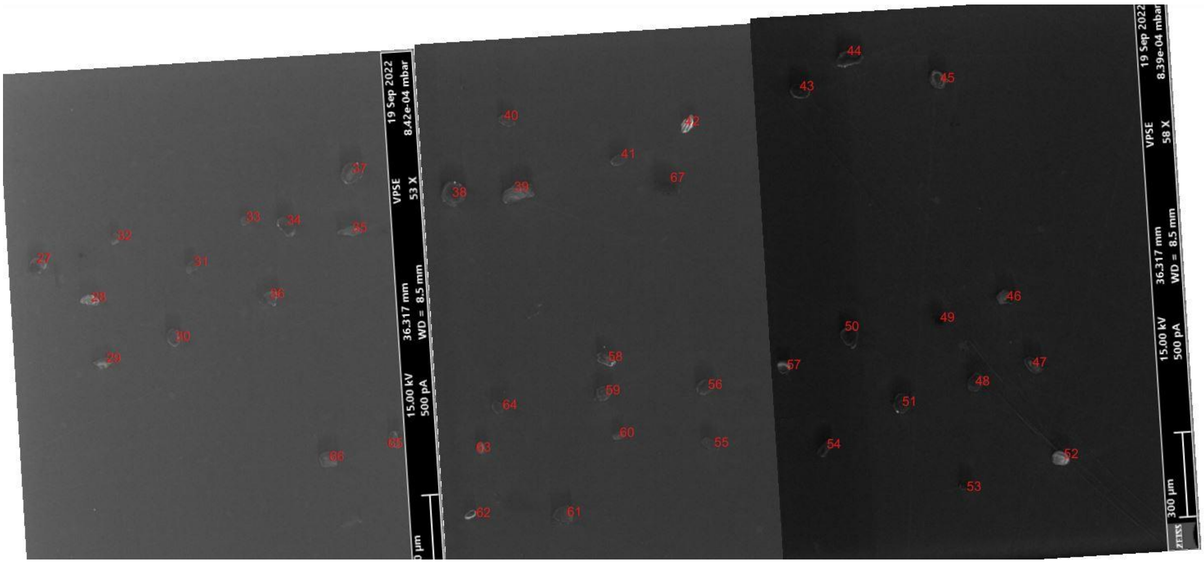
NYB119251, mount Kine2022A & B

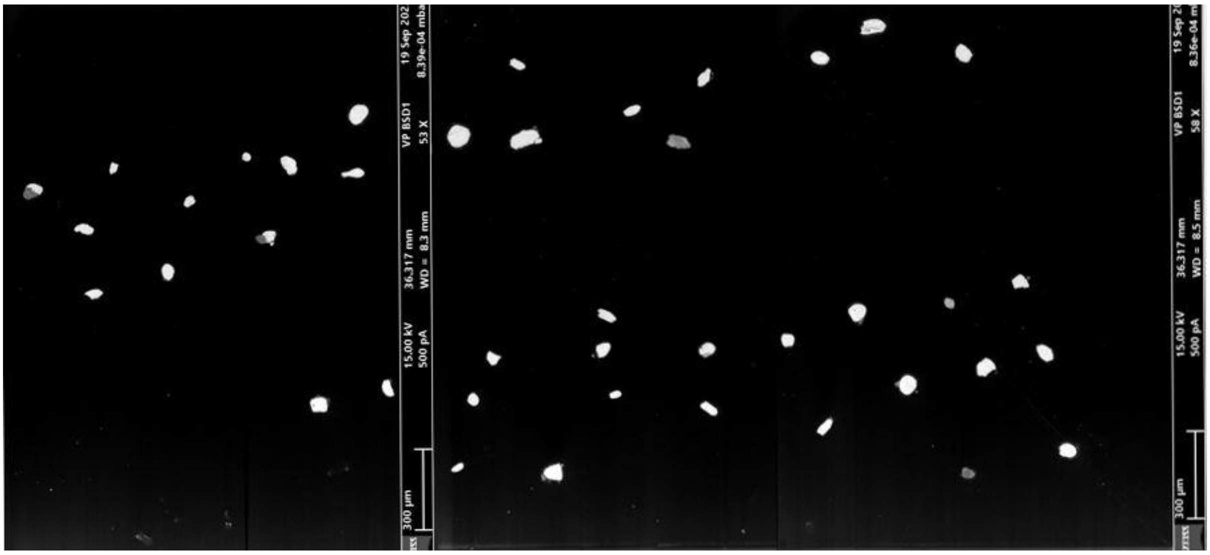
Cl image with spots 1–26 and BSE image of NYB119251 in mount Kine2022A:





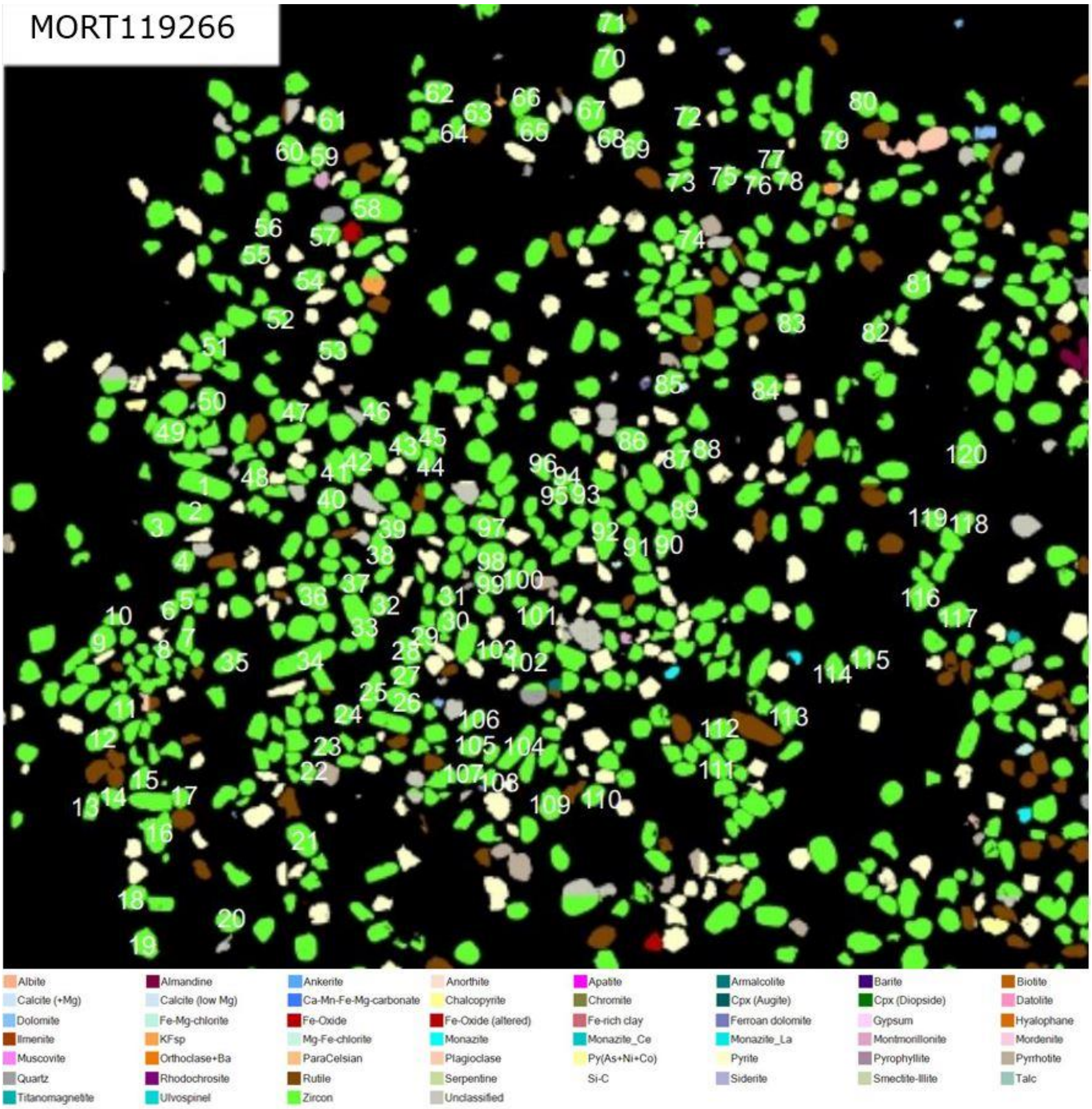
Cl image with spots 27–67 and BSE image of NYB119251 in mount Kine2022B:



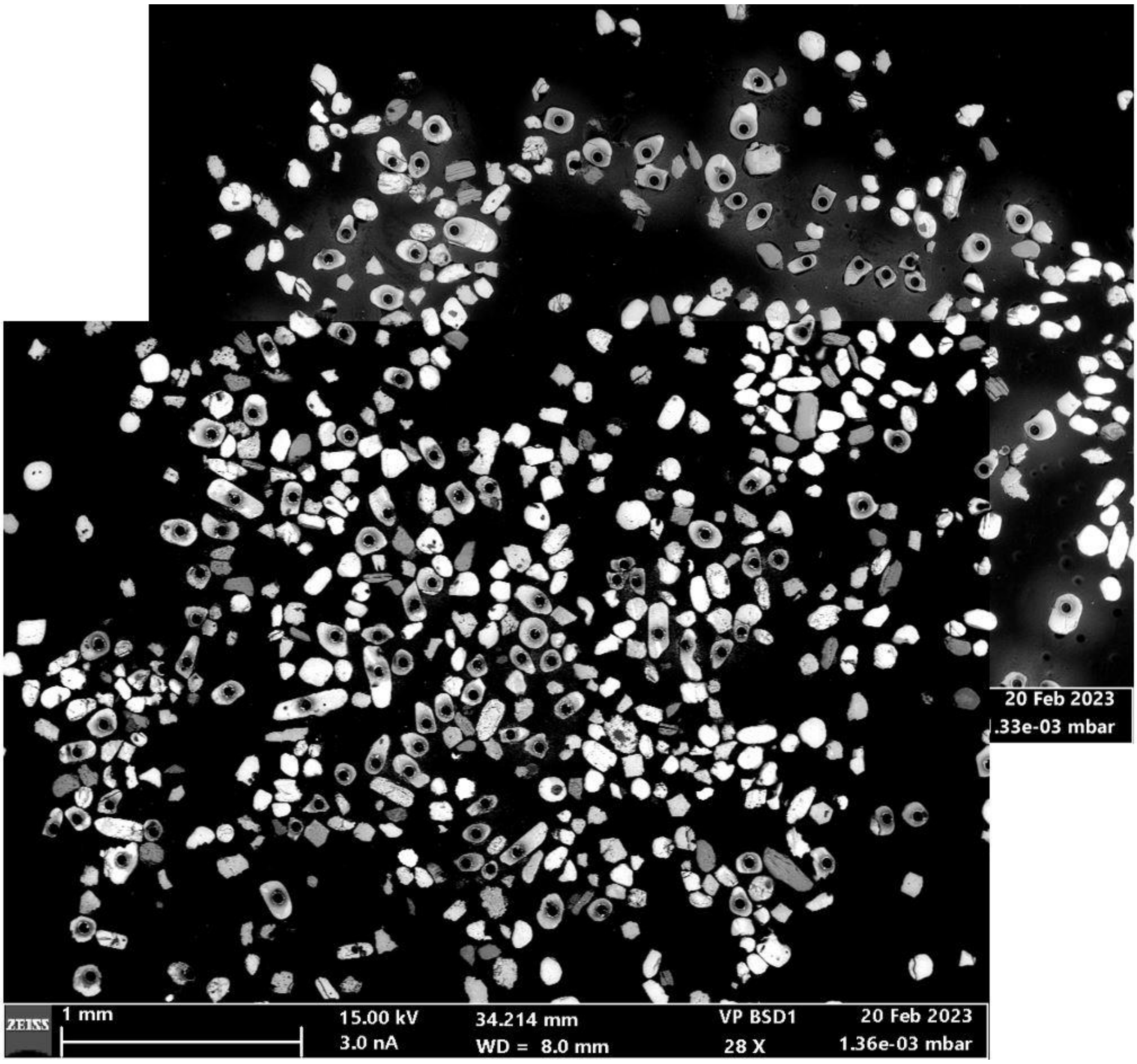


MORT119266, mount Kine2021B

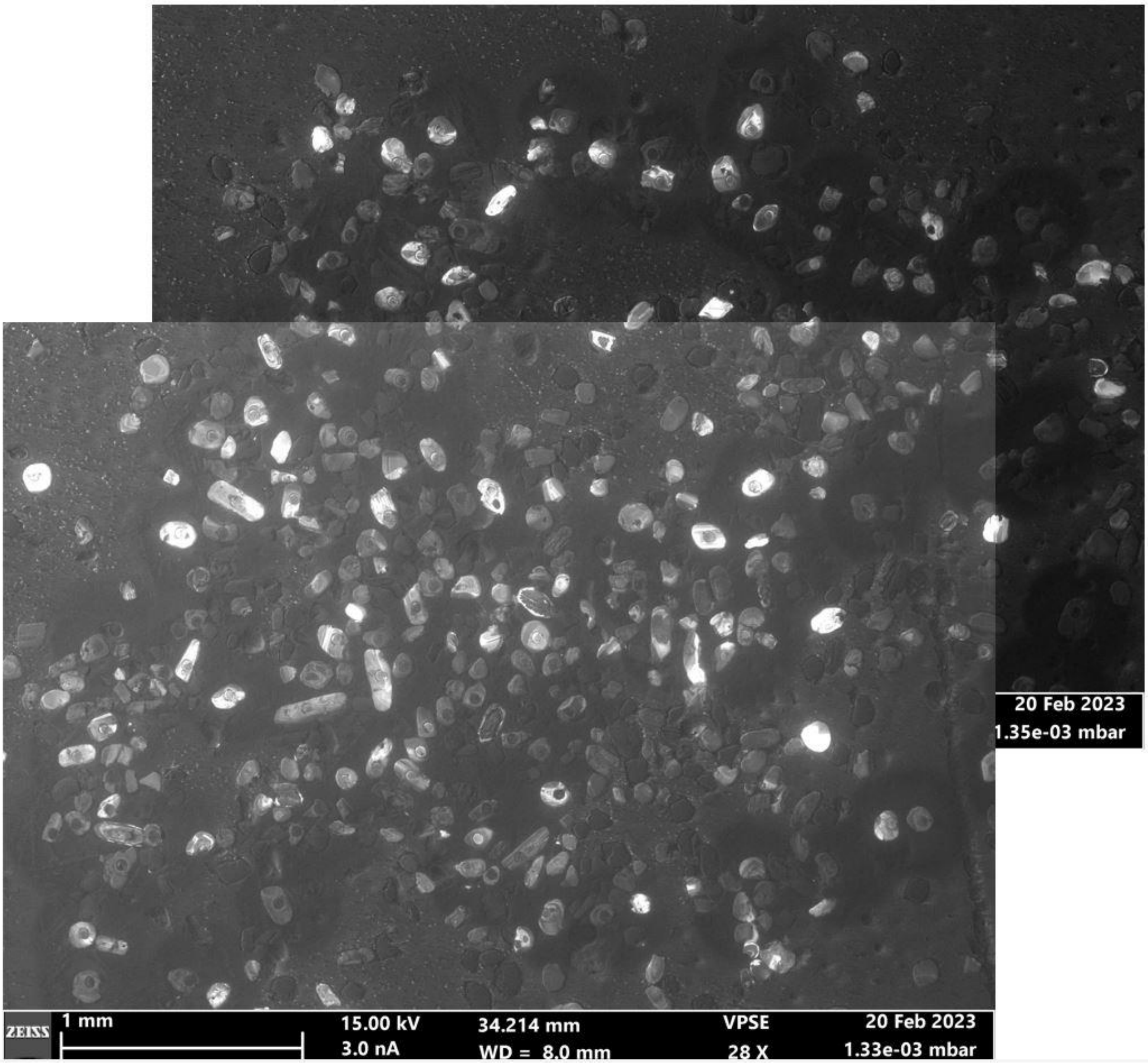
Mineral map (zircons are green) of MORT119266 with spots:



BSE image of MORT119266 post analysis:

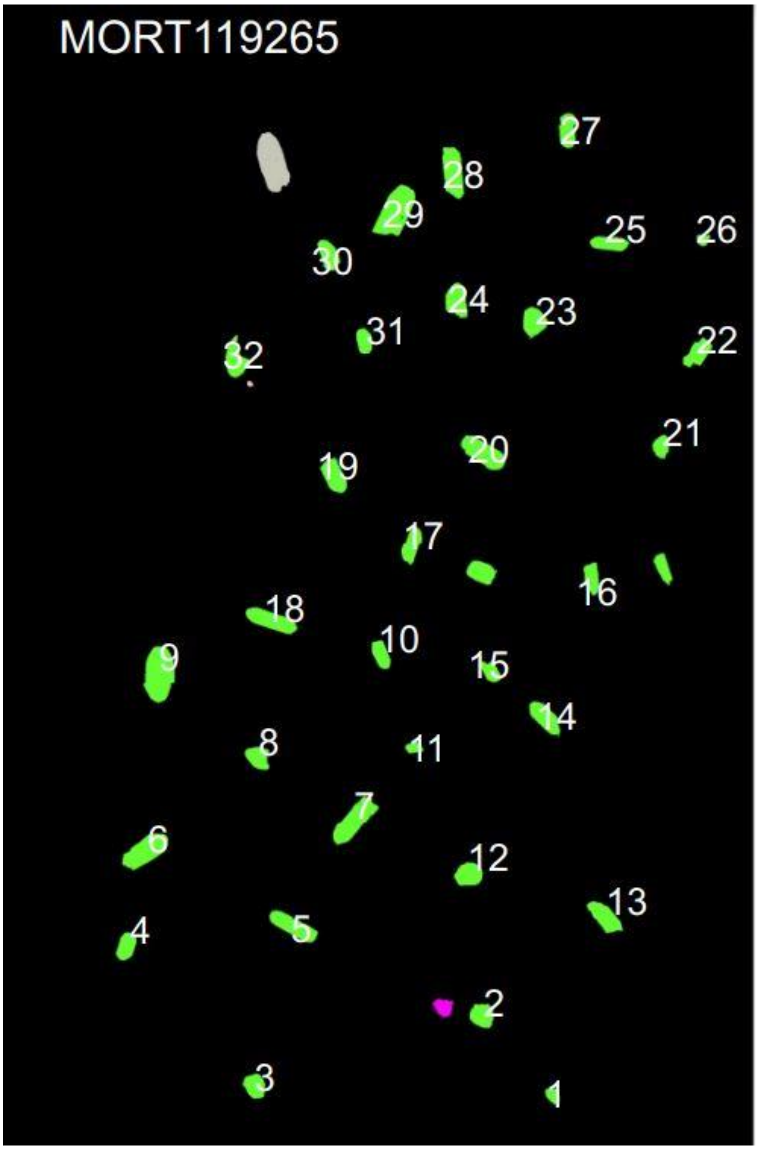


CL image of MORT119266 post analysis:

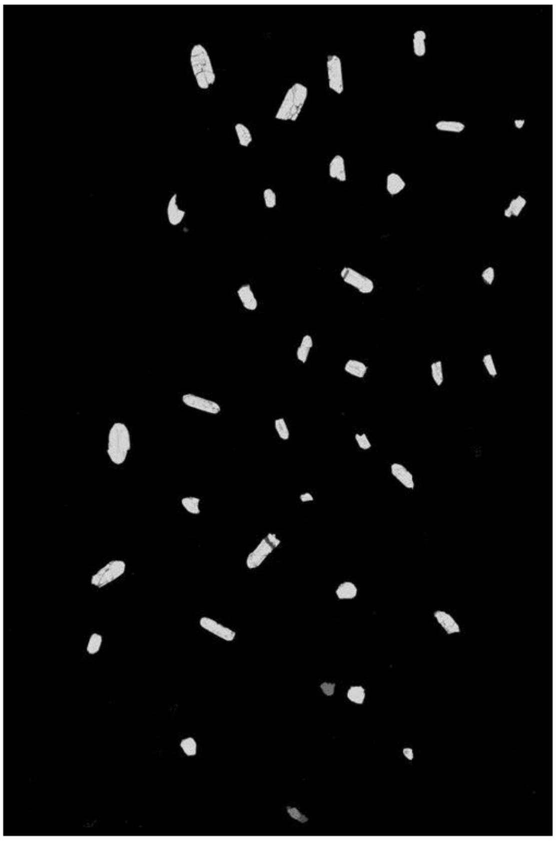


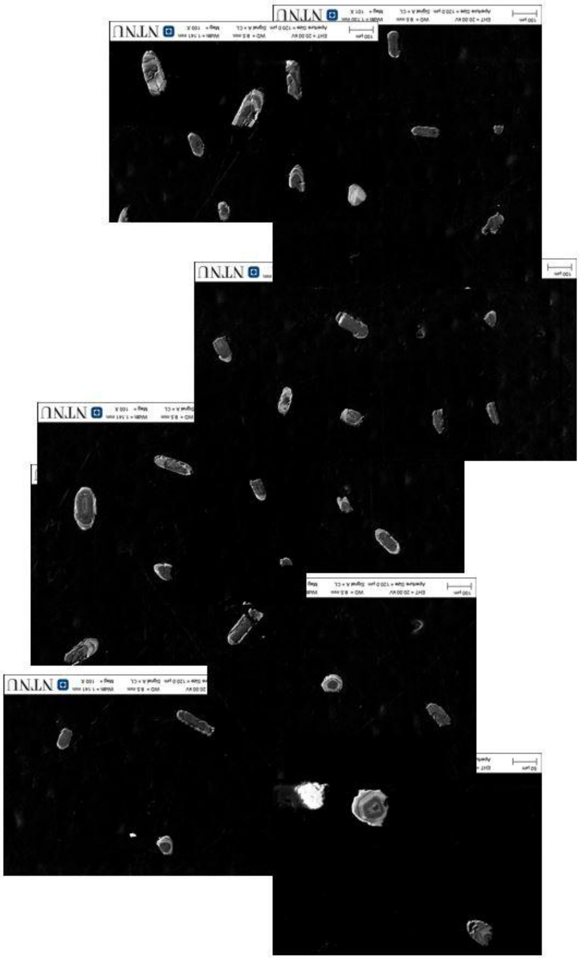
MORT119265, mount Kine2021A

Mineral map (zircons are green) of MORT119265 with spots:



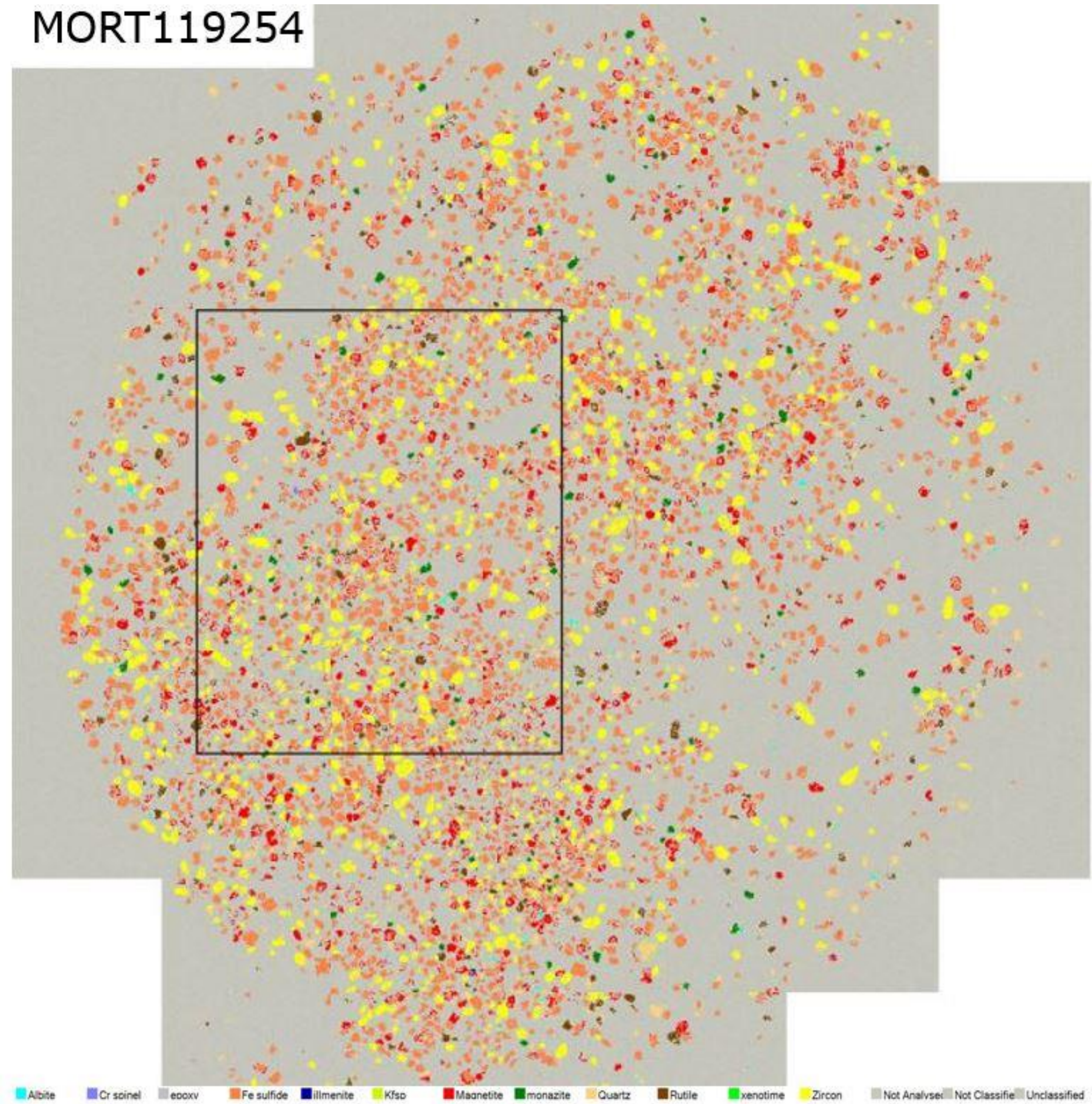
BSE and CL images of MORT119265:



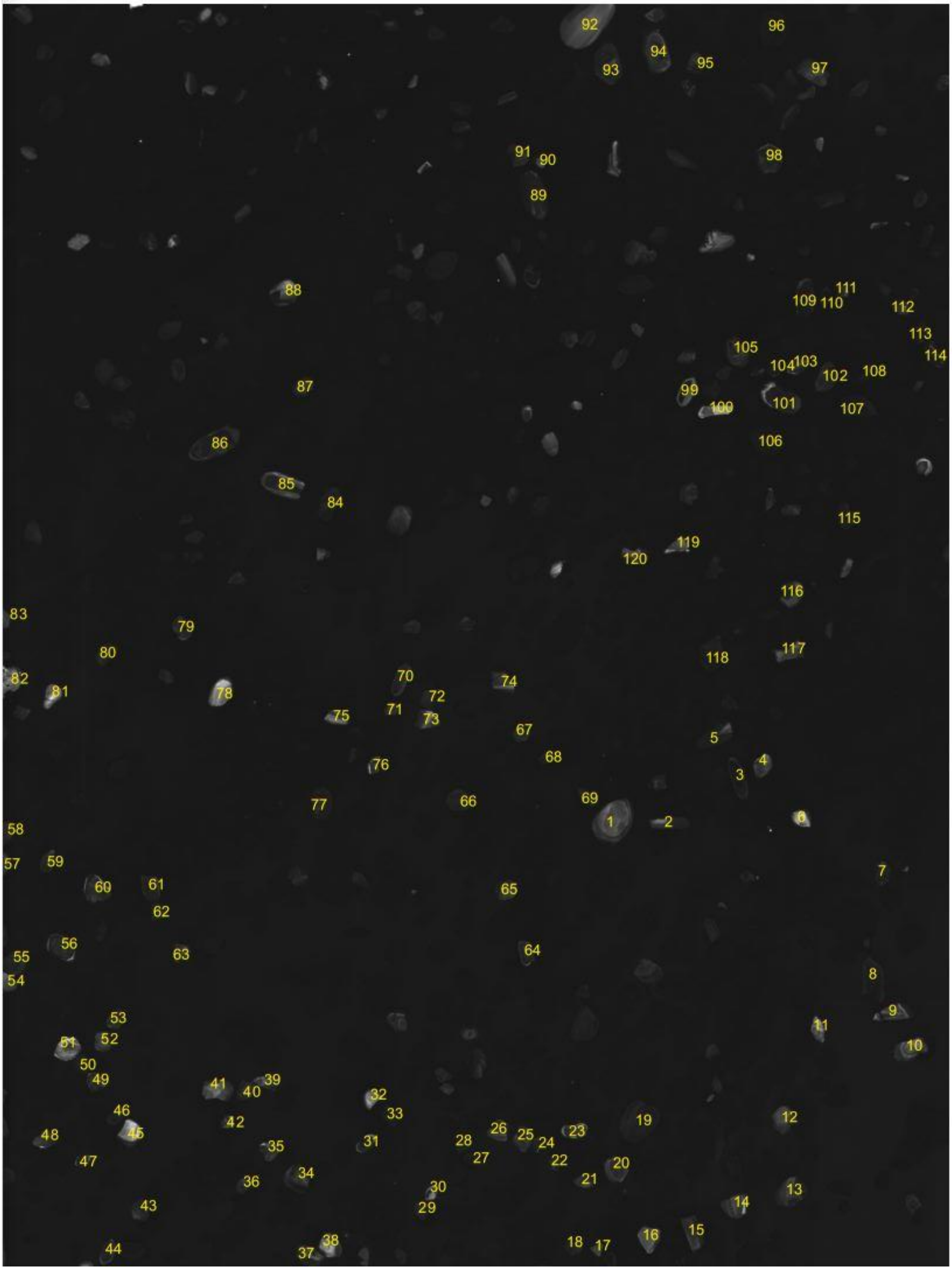


MORT119254, mount Kine2022D

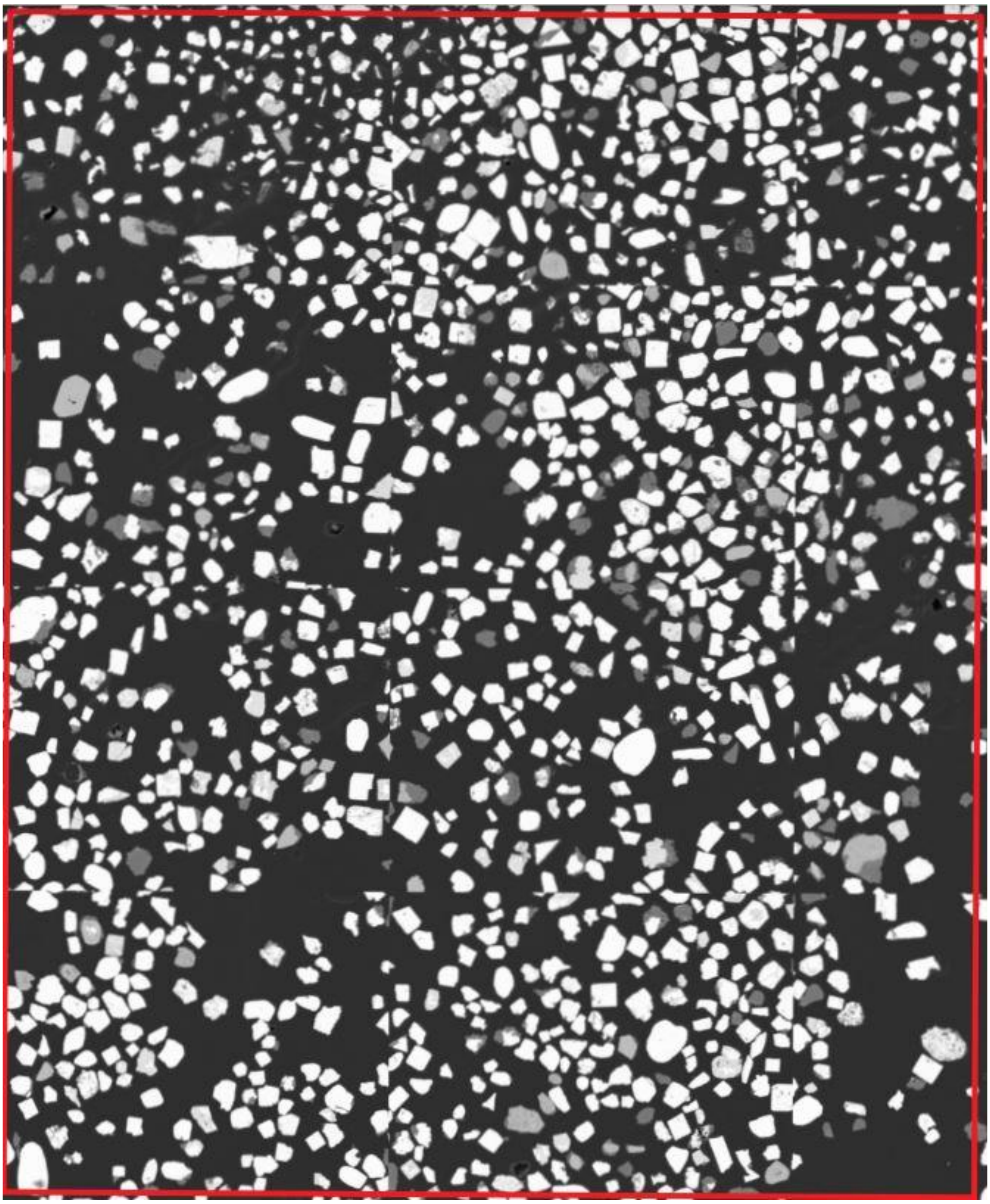
Mineral map (zircons are yellow) of MORT119254. The square highlights the area of the BSE and CL images:



CL image of MORT119254 with spots:

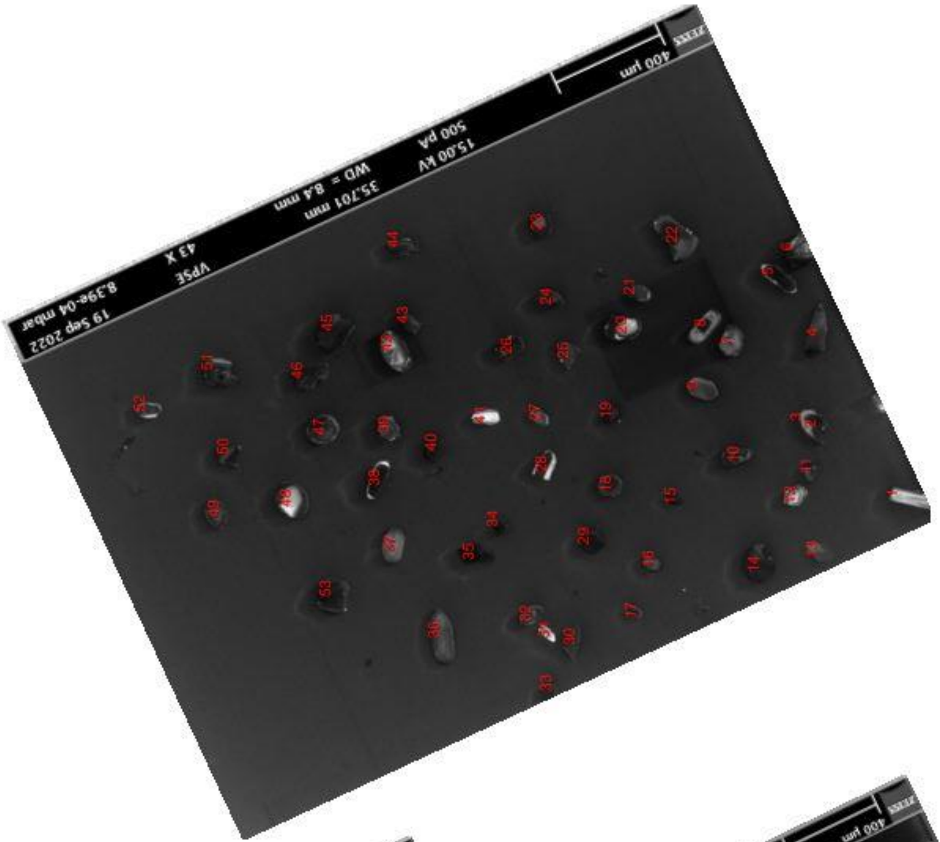


BSE image of MORT119254:



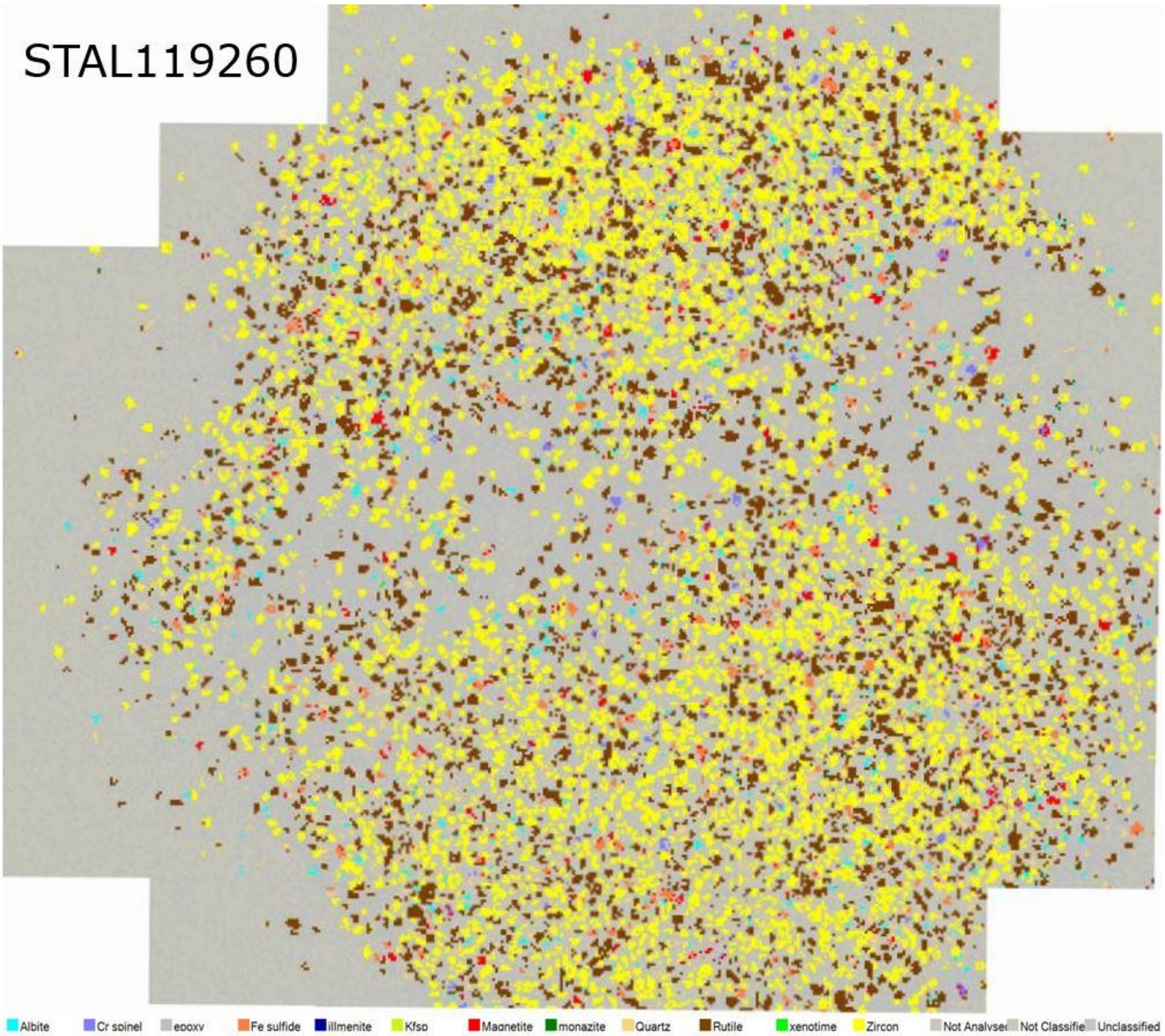
STAL119267, mount Kine2022A

CL and BSE images of STAL119267 with spots:

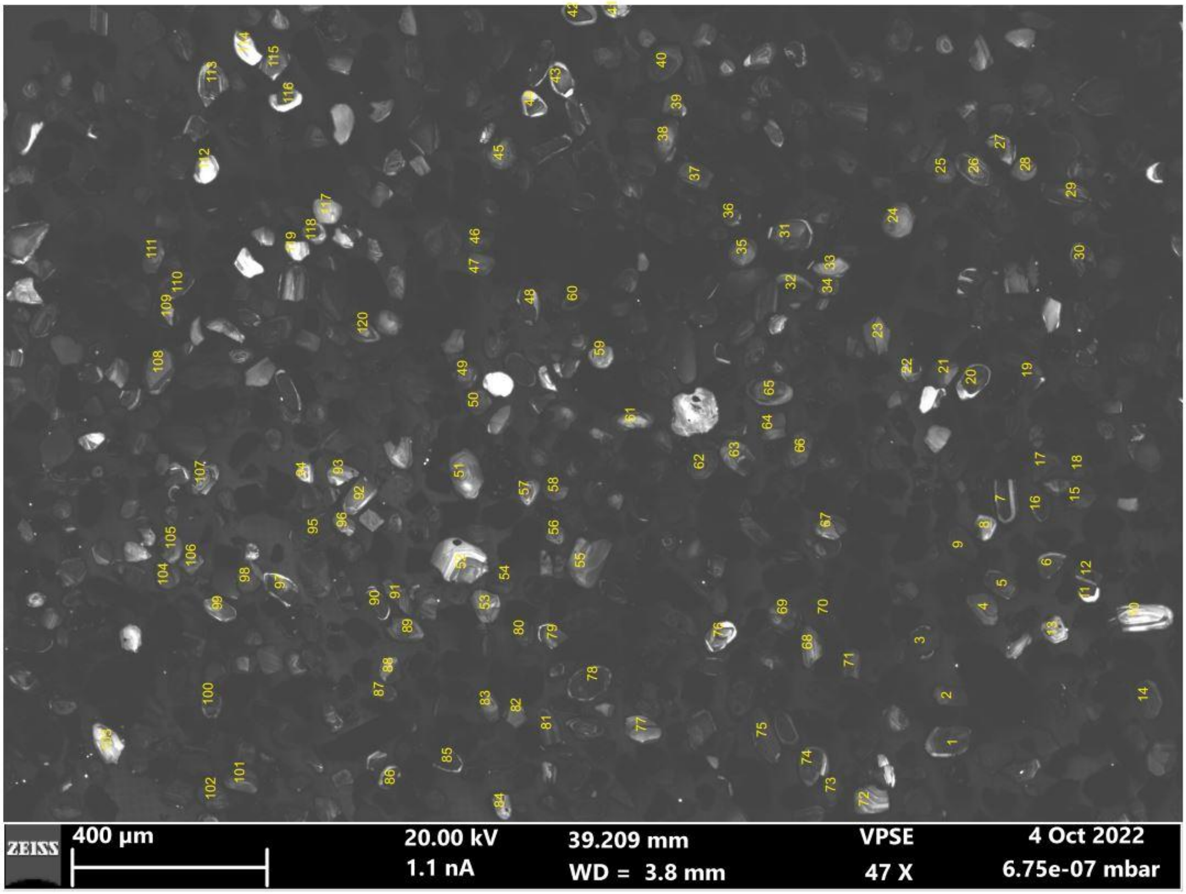


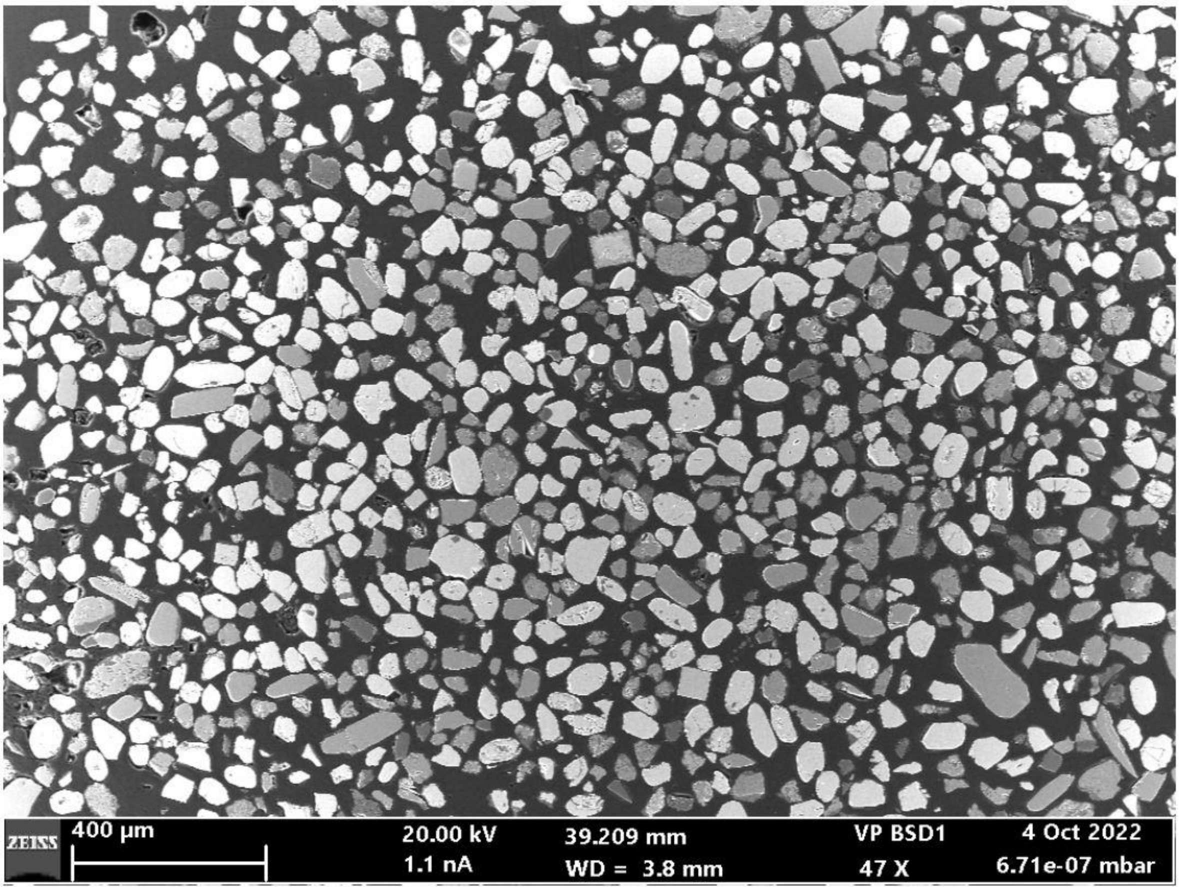
STAL119260, mount Kine2022C

Mineral map (zircons are yellow) of STAL119260:



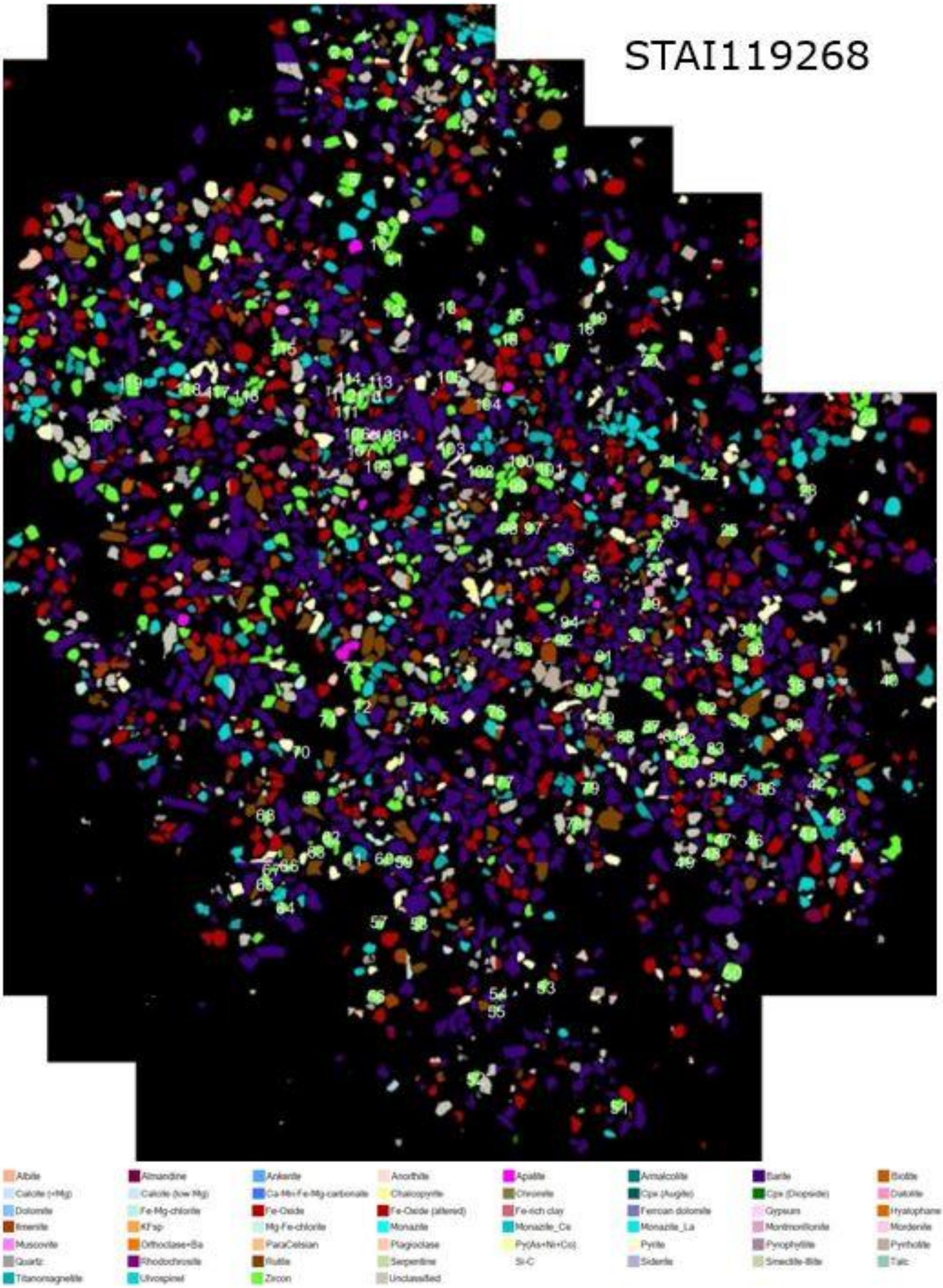
CL image with spots and BSE image of STAL119260:



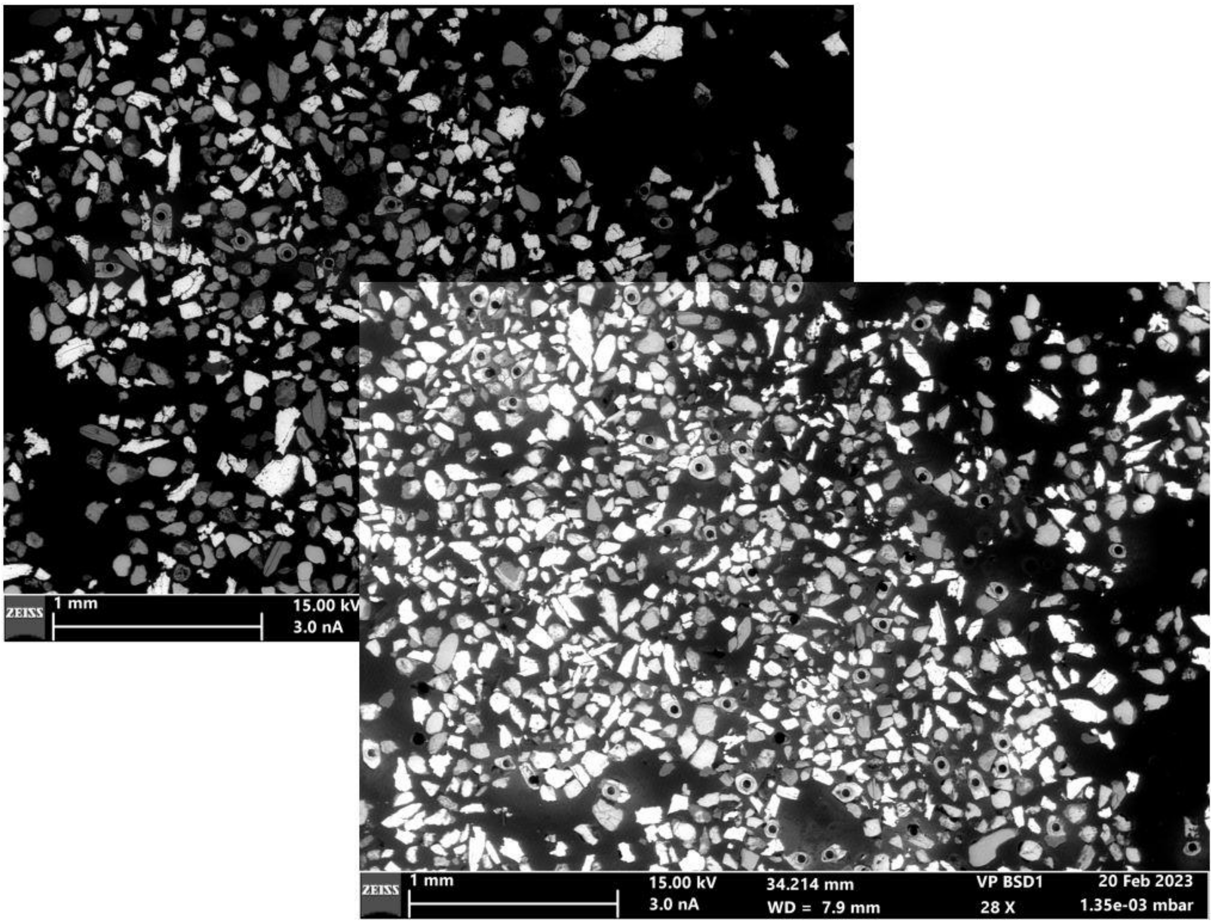


STAI119268, mount Kine2021B

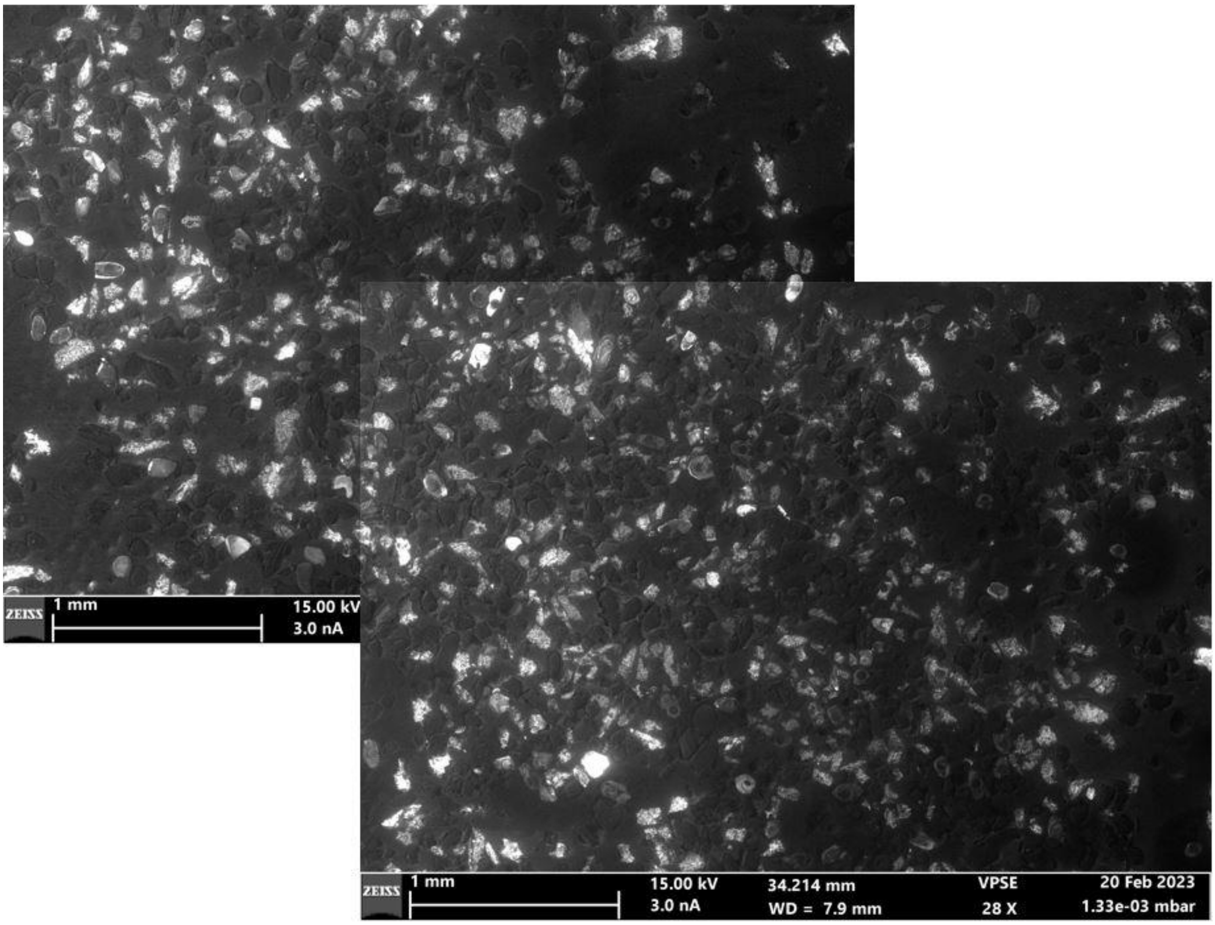
Mineral map (zircons are green) with spots for STAI119268:



BSE image post analysis for STAI119268:

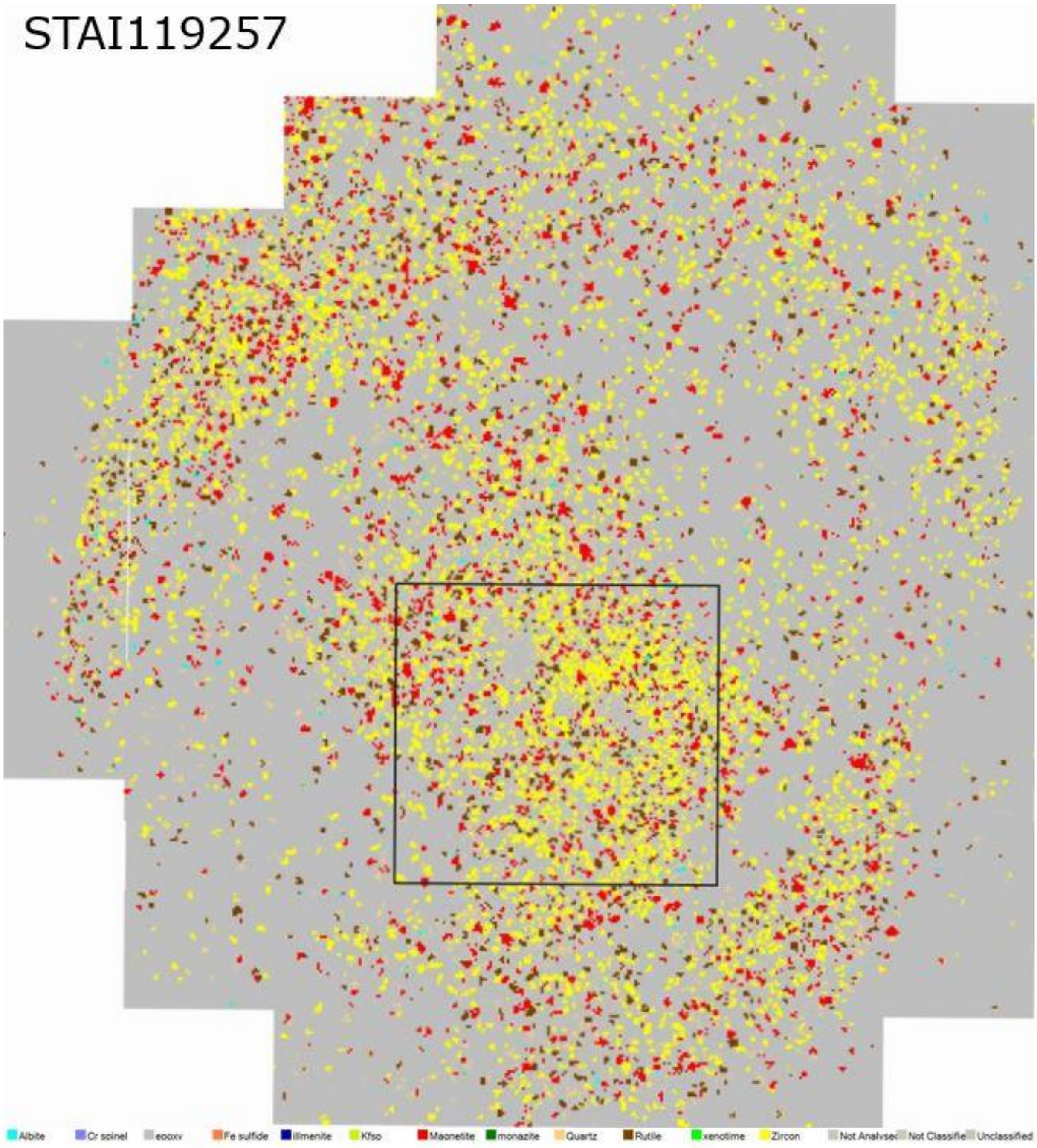


CL image post analysis of STAI119268:

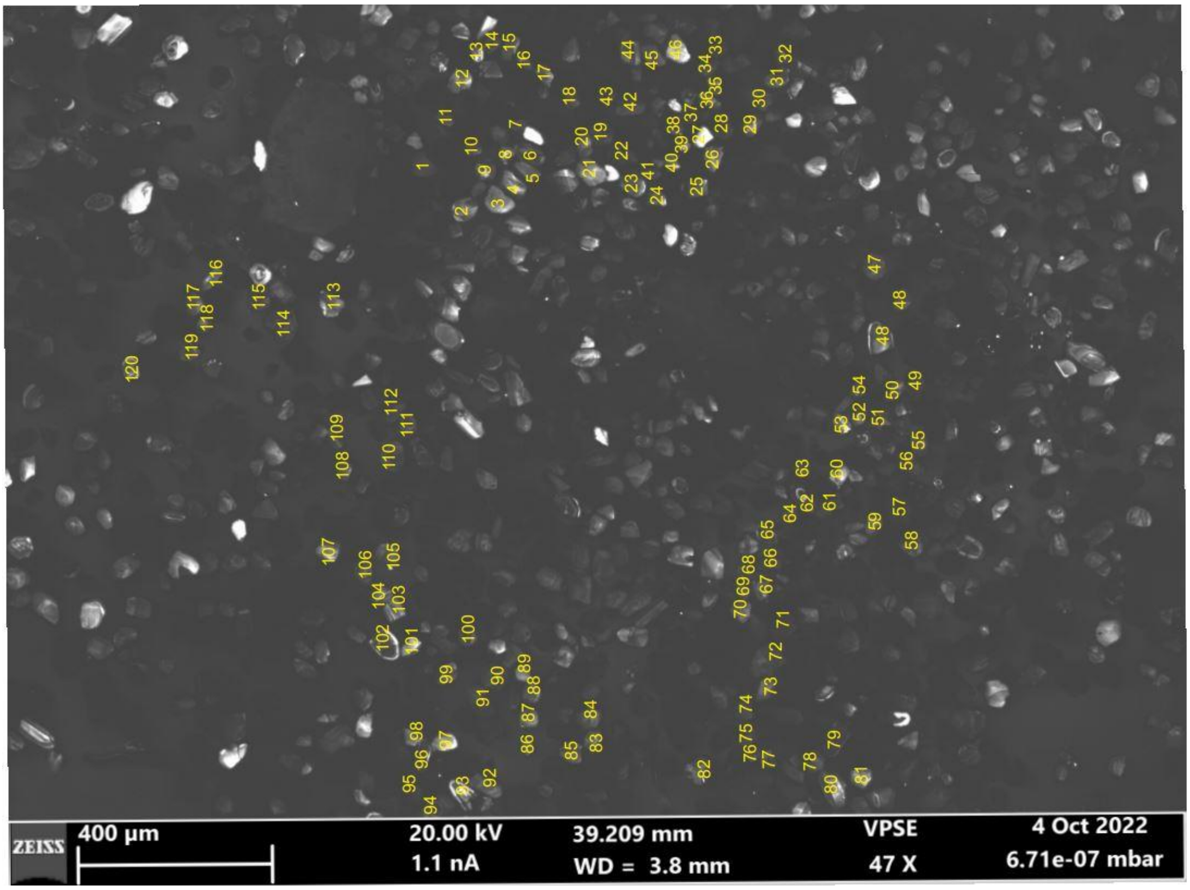


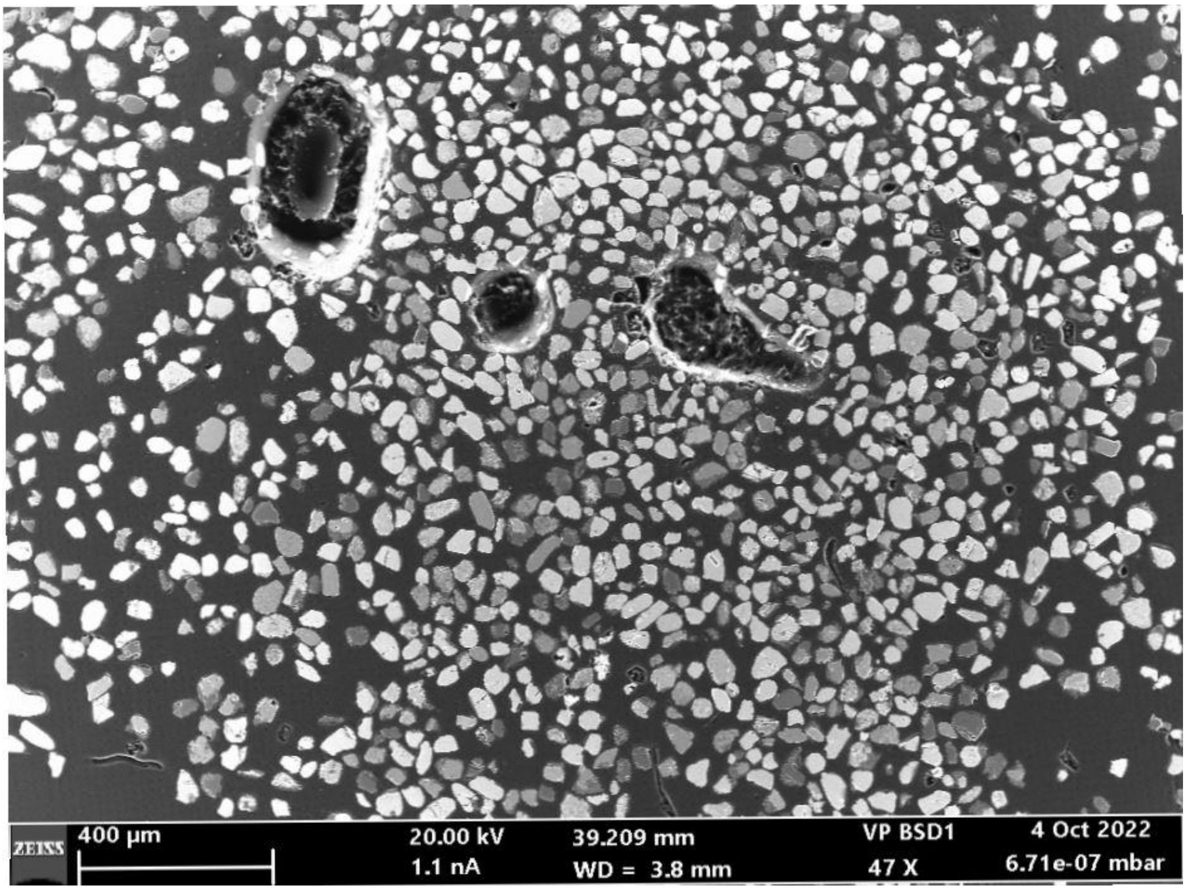
STAI119257, mount Kine2022C

Mineral map (zircons are yellow) of STAI119257:



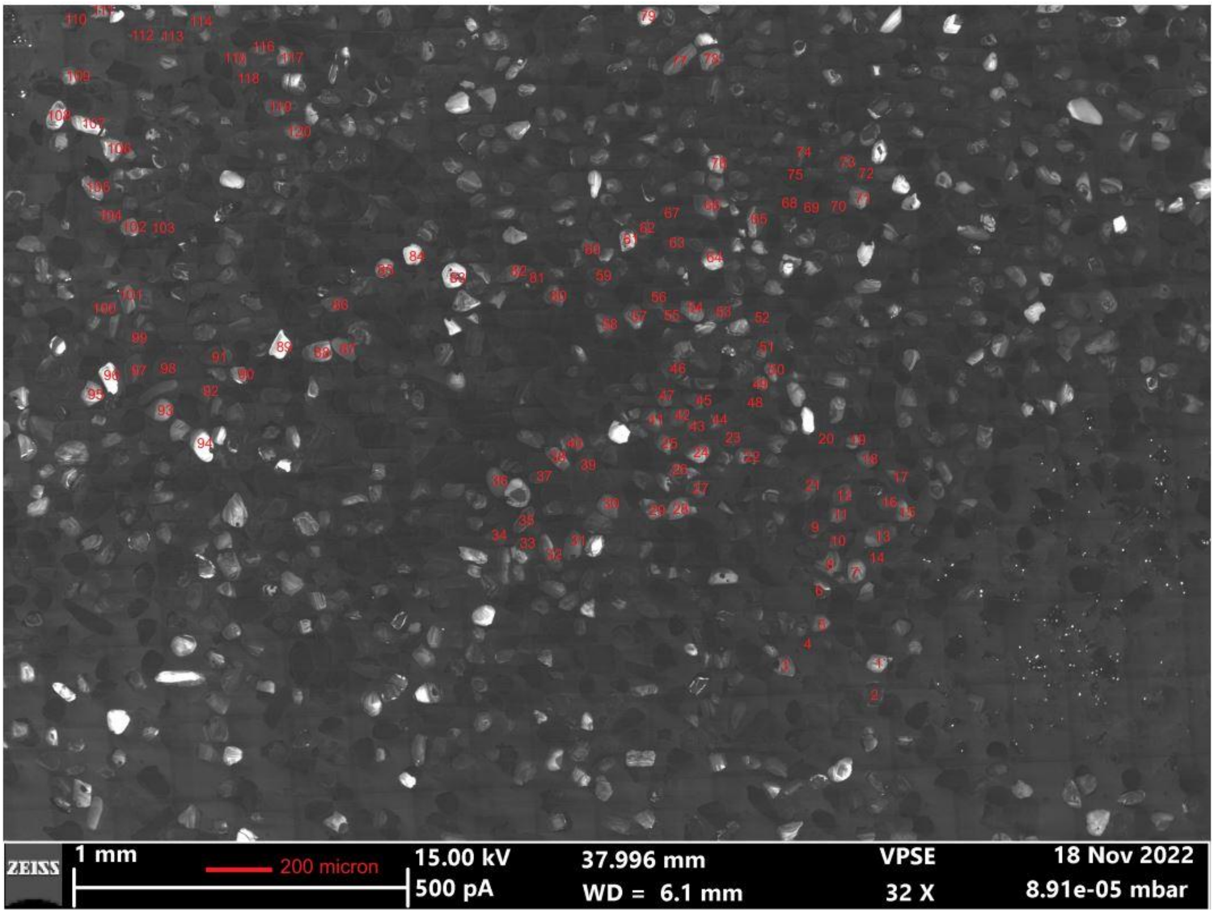
Cl image with spots and BSE image of STAI119257:



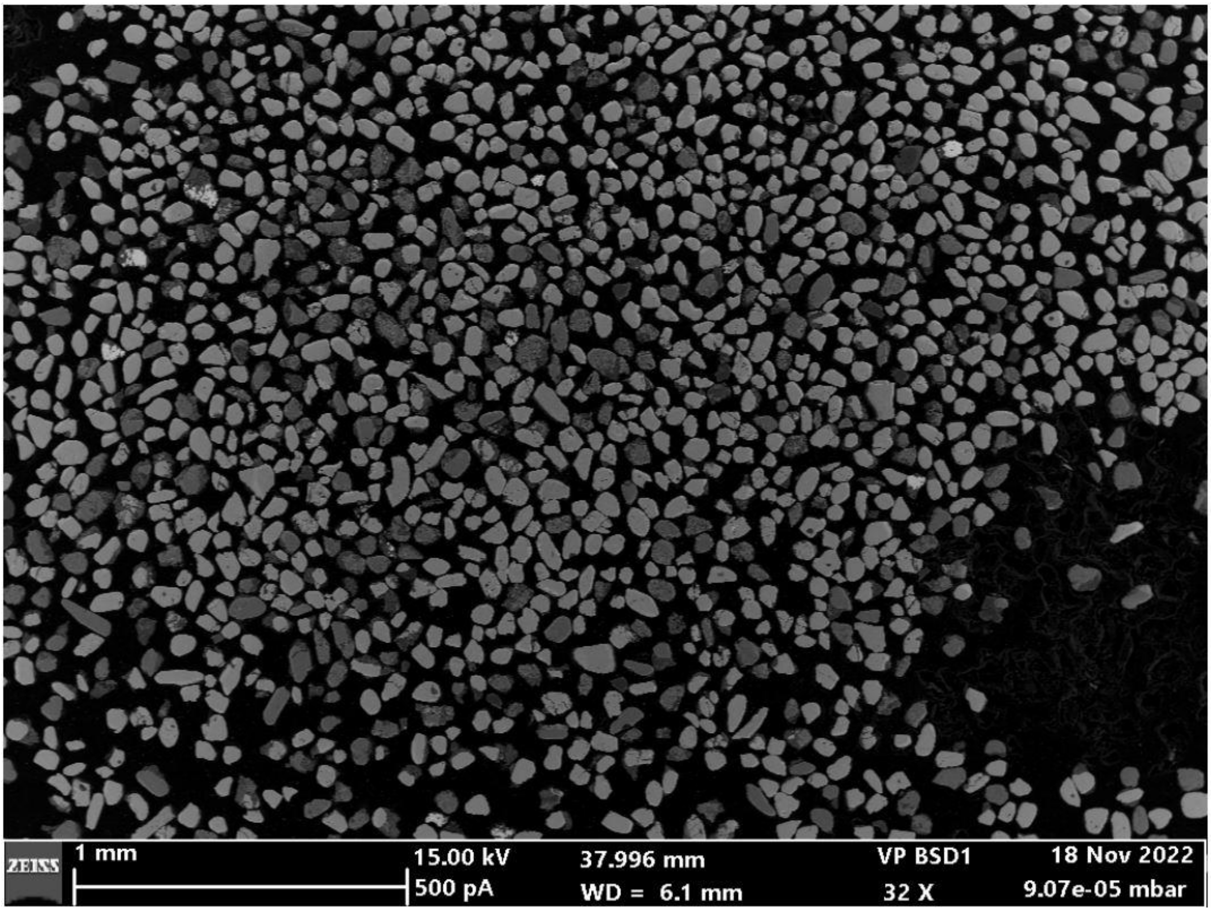


STAM021651, mount Kine2022E

CL image with spots of STAM021651:

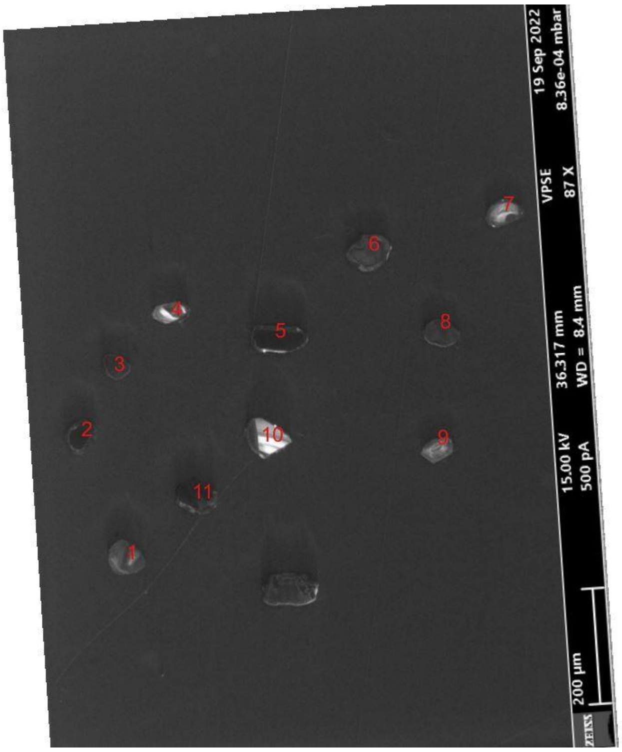


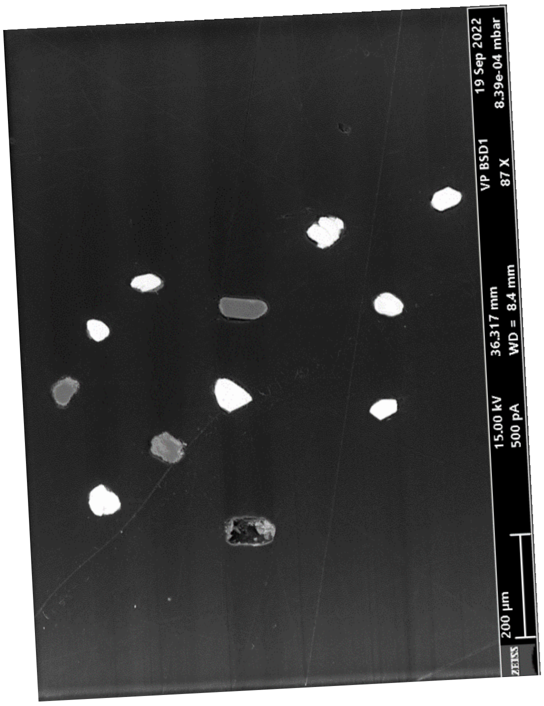
BSE image of STAM021651:



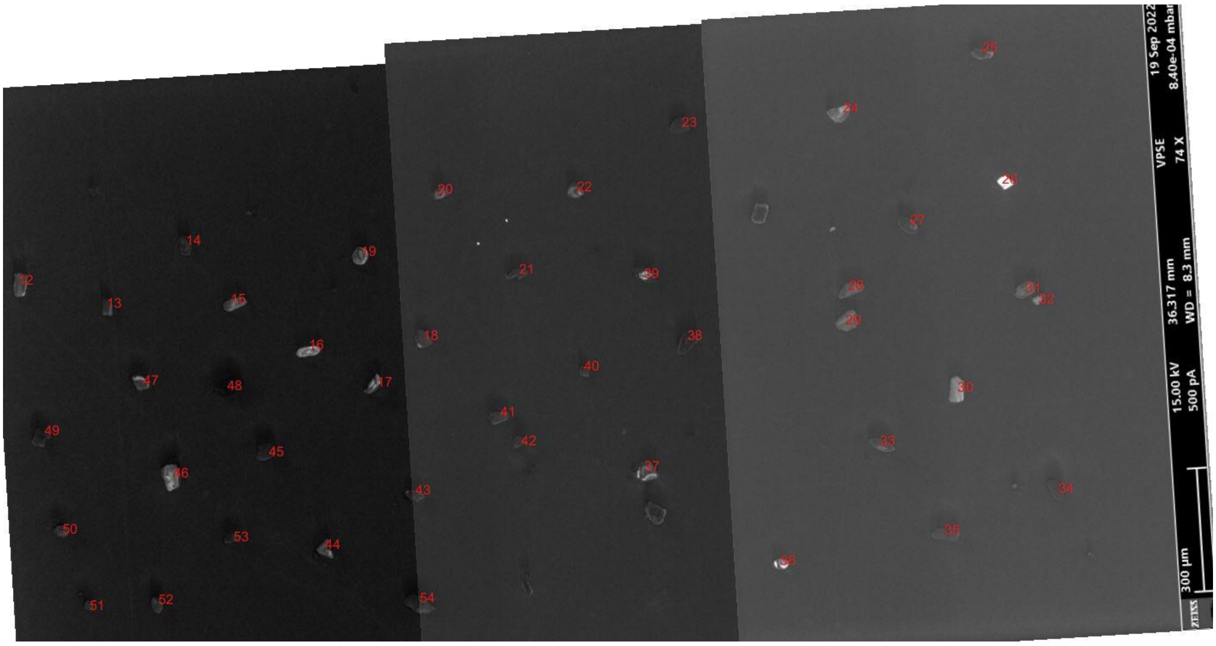
STAM119269, mount Kine2022B

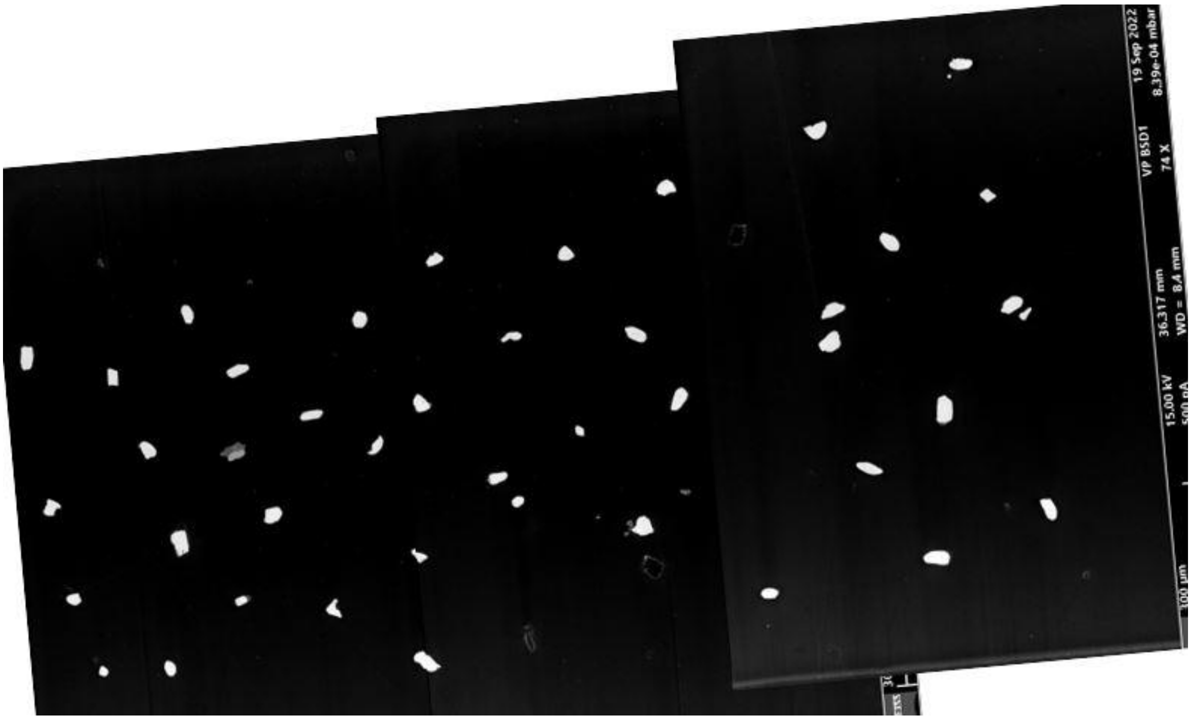
CL image with spots 1–11 and BSE image of STAM119269:





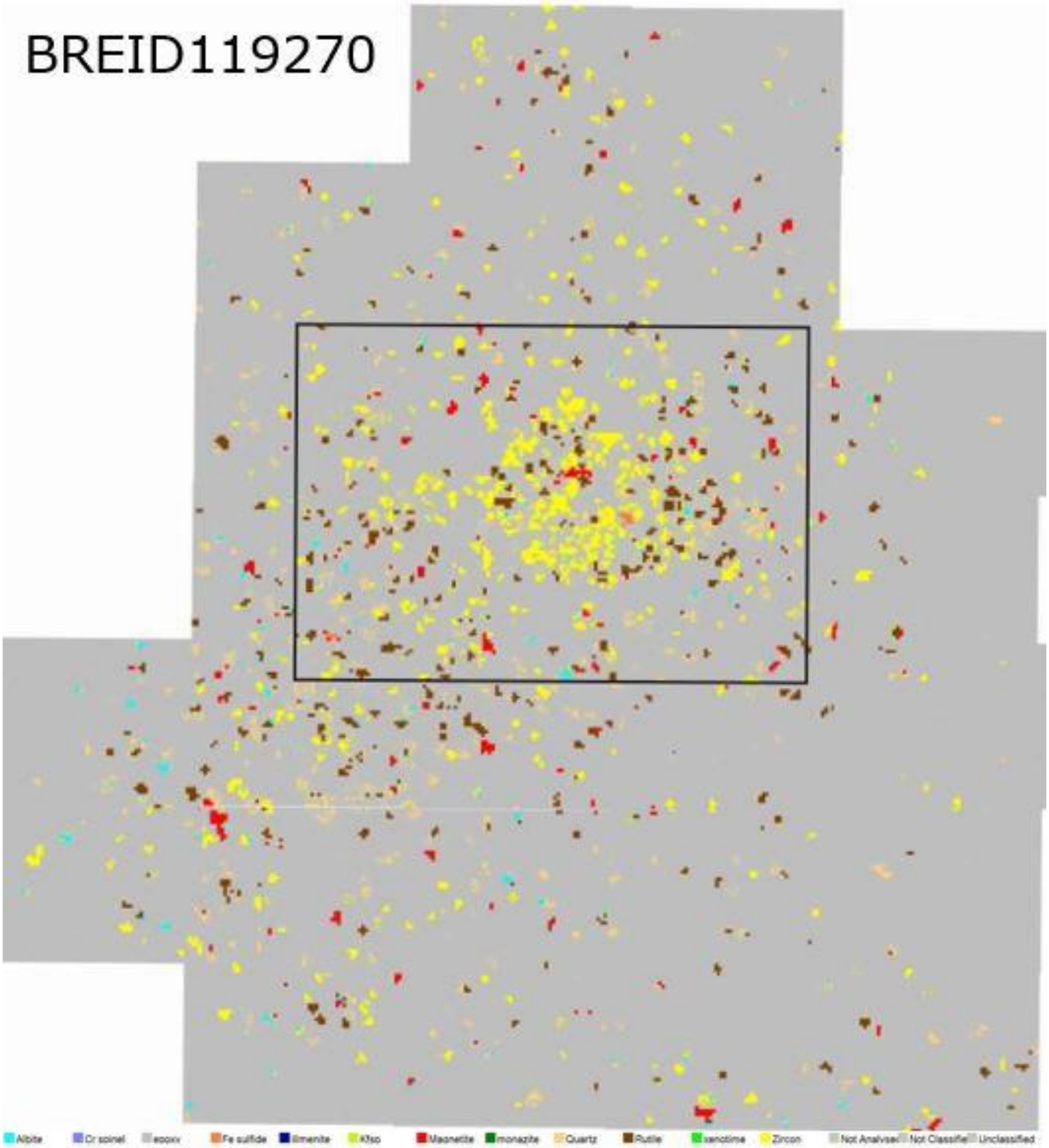
CL image with spots 12–54 and BSE image of STAM119269:



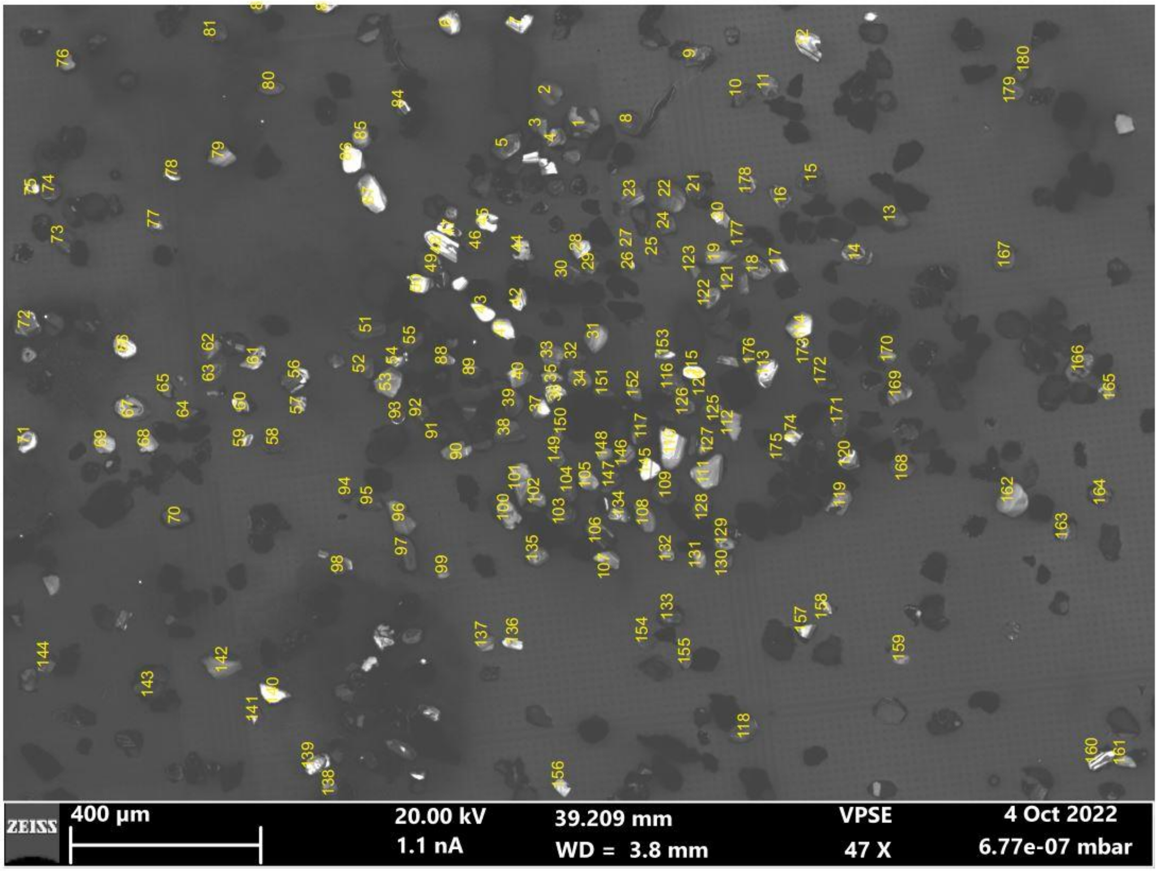


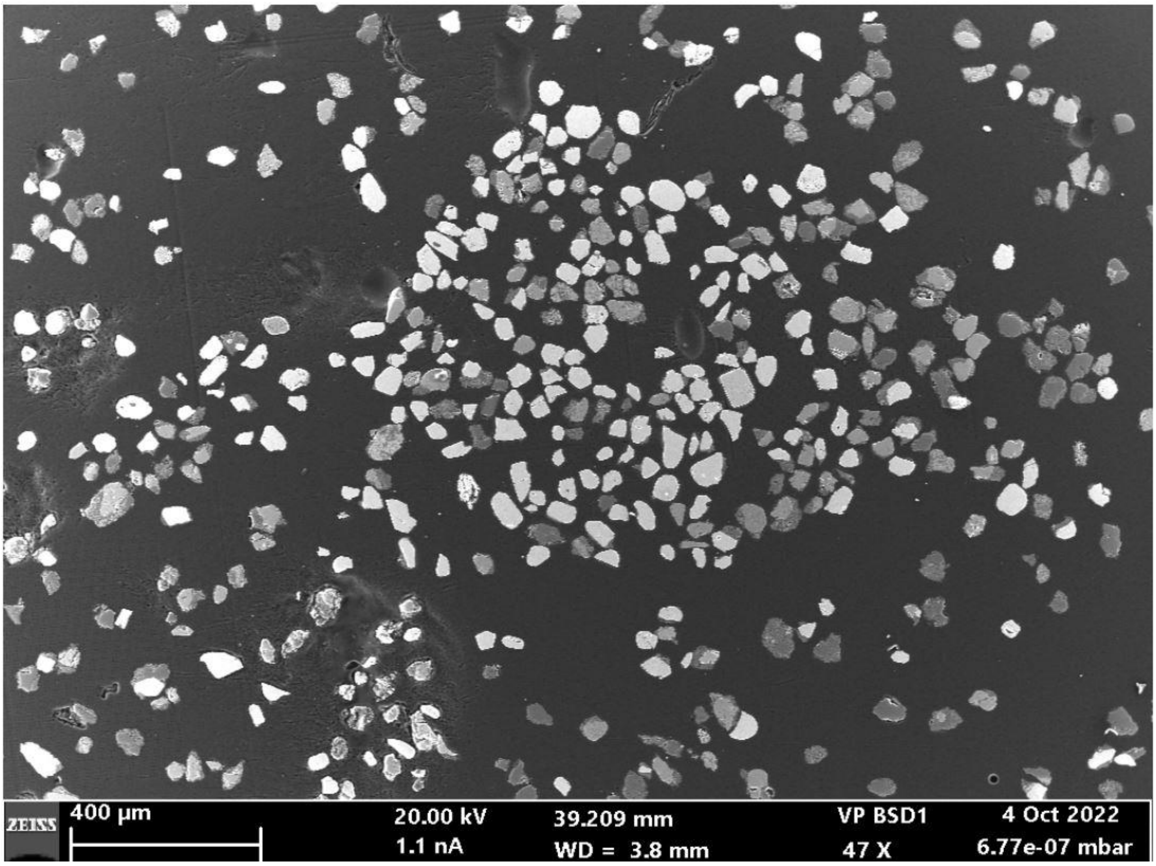
BREID119270, mount Kine2022C

Mineral map (zircons are yellow) of BREID119270. Square indicates the area of the CL and BSE images:



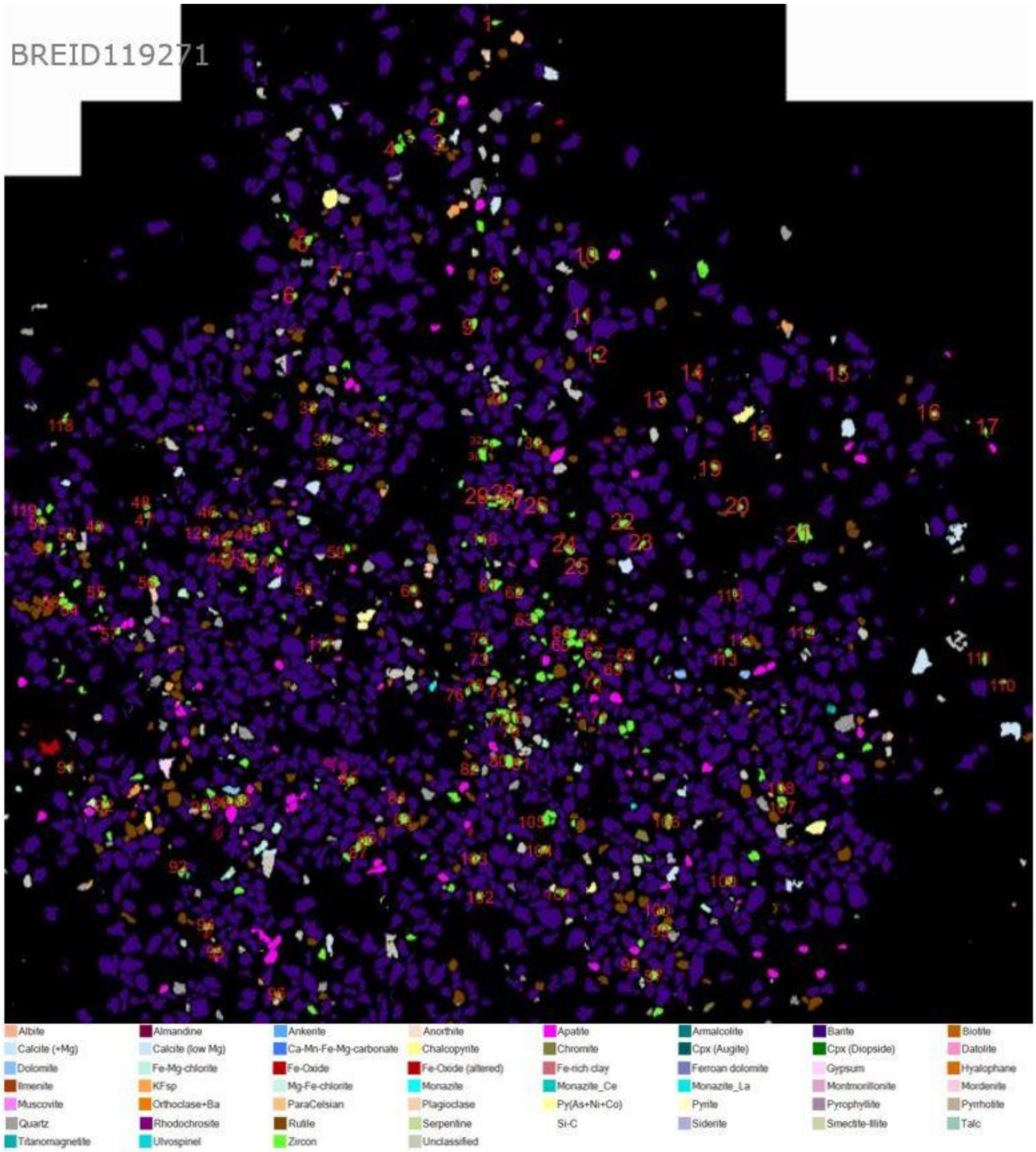
CL image with spots and BSE image of BREID119270:



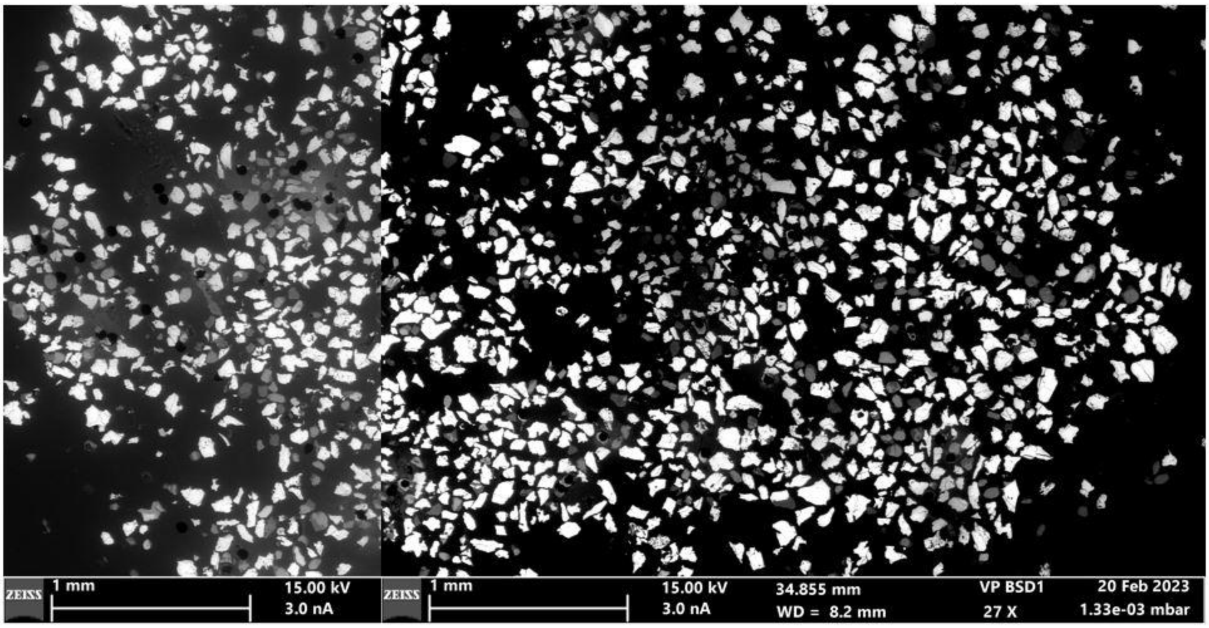


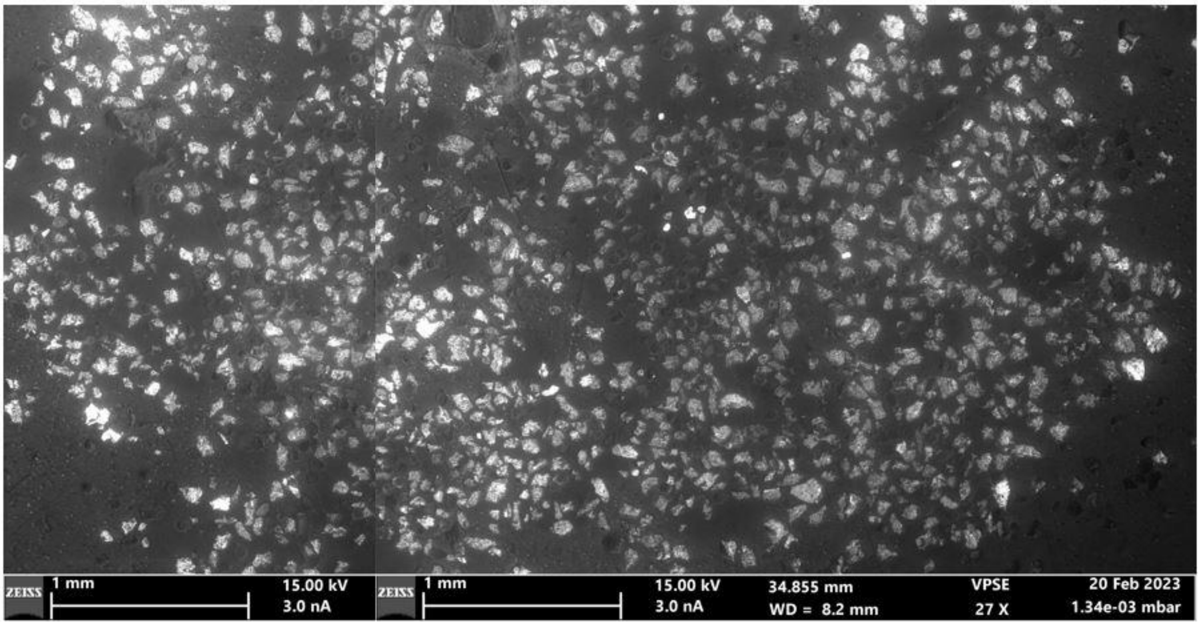
BREID119271, mount Kine2021C

Mineral map with spots for sample BREID119271:



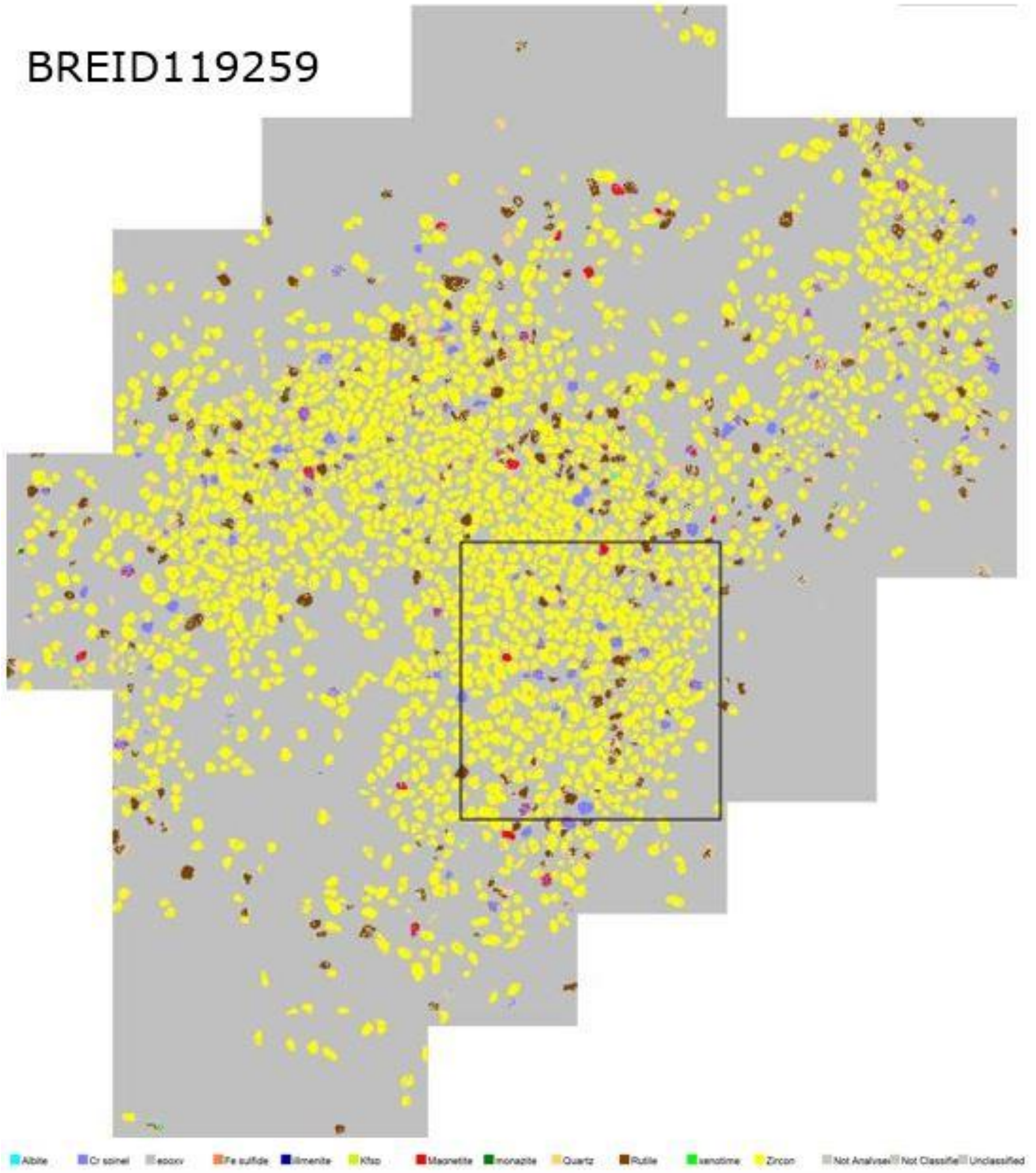
BSE and CL images post analysis for BREID119271:



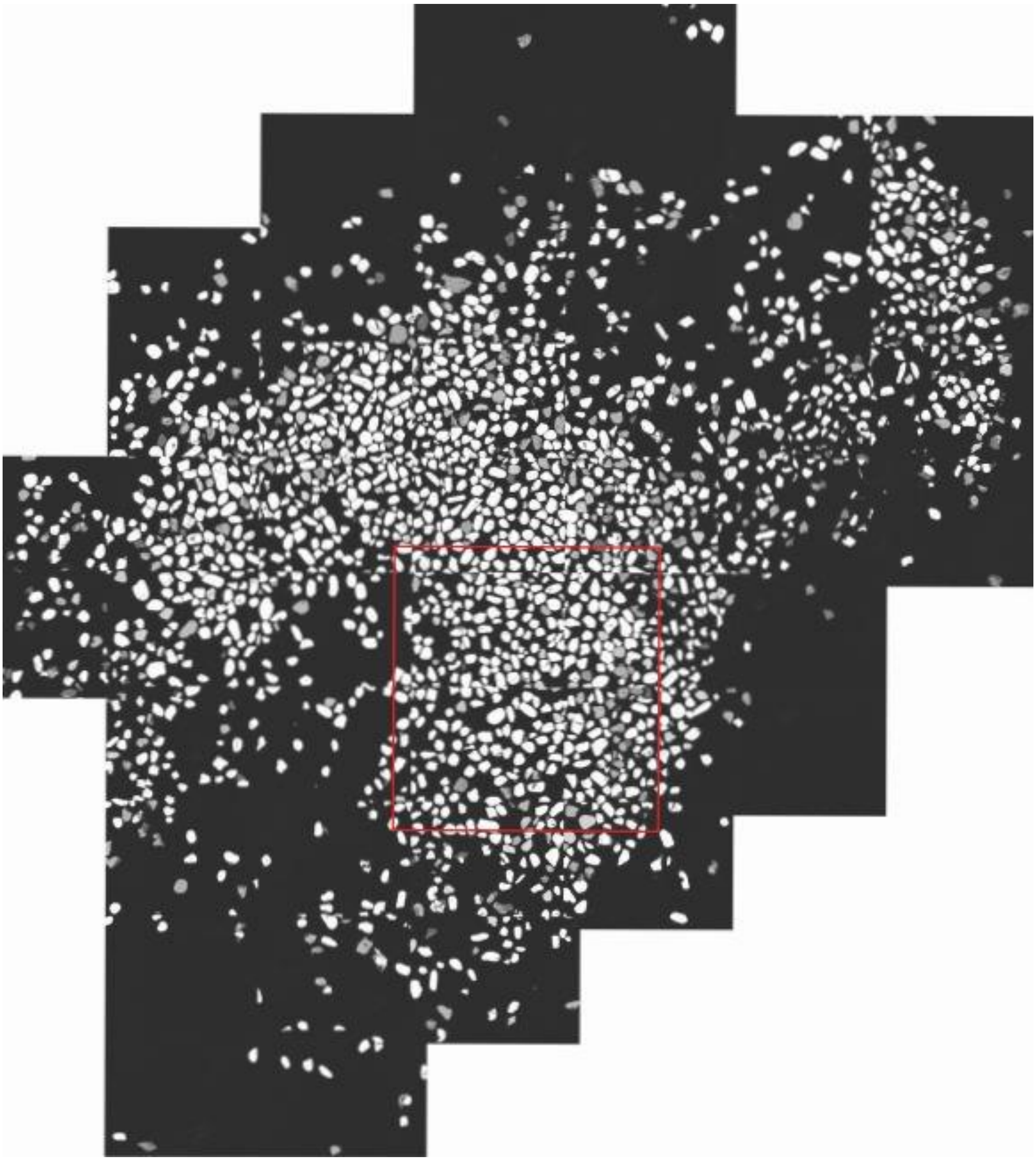


BREID119259, mount Kine2022D

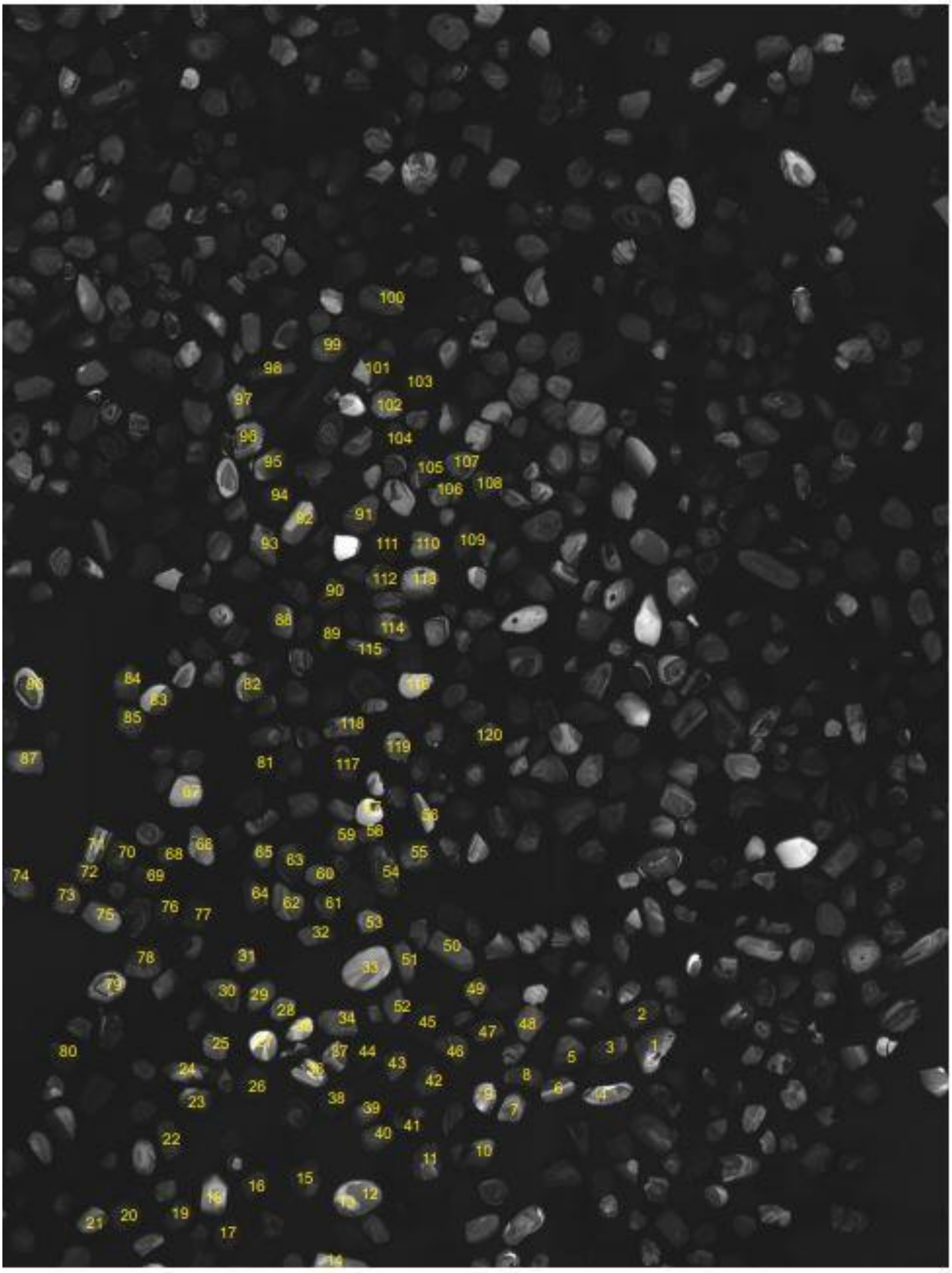
Mineral map (zircons are yellow) of BREID119259. Square shows the area of the CL image:



BSE image of BREID119259:



CL image with spots for BREID119259:



Appendix 5: U–Pb samples

The table below contains the results from the U–Pb analyses.

Analysis_#	Date	Sequence	Comments	Isotope ratios: Tera-Wasserburg output 238/206	2SE	207/206	2SE	Age estimates (Ma) Pb207/Pb206	2SE	Pb206/U238	2SE	conc	Concentrations Th/U	U*	Th*	Pbtot*	204 cps	selected age	2SE
MORT119265																			
MORT119265-06	2022-02-11 14:51:38.646	12844	wtd avg age	1.846893	0.020902	0.190346	0.000550	2744	5	2796	25	101.9	1.7	37	62	858	4.0E-07	2744	5
MORT119265-12	2022-02-11 14:59:05.827	12844	wtd avg age	1.855979	0.020810	0.191141	0.000503	2751	4	2788	25	101.3	0.9	76	68	944	3.2E-09	2751	4
MORT119265-03	2022-02-11 14:49:27.053	12844	wtd avg age	1.858332	0.026947	0.190773	0.000805	2748	7	2780	33	101.2	0.8	100	84	1173	2.7E-07	2748	7
MORT119265-29	2022-02-11 15:15:28.450	12844	wtd avg age	1.877240	0.017681	0.190836	0.000650	2748	6	2752	21	100.2	1.6	39	63	814	3.8E-07	2748	6
MORT119265-10	2022-02-11 14:57:37.624	12844	wtd avg age	1.889576	0.024794	0.190236	0.000549	2743	5	2745	29	100.1	0.9	88	82	1085	1.9E-07	2743	5
MORT119265-23	2022-02-11 15:10:13.432	12844	wtd avg age	1.912930	0.017592	0.190085	0.000514	2742	4	2715	20	99.0	0.8	50	40	531	3.1E-07	2742	4
MORT119265-32	2022-02-11 15:17:40.963	12844		1.925790	0.021047	0.194031	0.000958	2775	8	2698	25	97.2	1.3	74	96	1299	1.5E-06	2775	8
MORT119265-07	2022-02-11 14:52:22.796	12844		1.960977	0.012450	0.190680	0.000347	2747	3	2660	14	96.8	0.5	140	73	1006	2.1E-07	2747	3
MORT119265-24	2022-02-11 15:10:56.618	12844	high Pbc	1.926347	0.025315	0.197173	0.000635	2802	5	2701	29	96.4	1.0	122	125	1409	6.3E-06	2802	5
MORT119265-15	2022-02-11 15:01:32.689	12844		2.040444	0.018921	0.189314	0.000496	2735	4	2573	20	94.1	0.4	157	70	884	-1.1E-07	2735	4
MORT119265-02	2022-02-11 14:48:41.106	12844		2.029237	0.022306	0.191147	0.000527	2751	5	2587	24	94.0	0.6	169	100	1119	1.5E-07	2751	5
MORT119265-17	2022-02-11 15:05:54.440	12844		2.020824	0.016832	0.192825	0.000567	2765	5	2595	18	93.8	0.6	114	65	810	1.9E-06	2765	5
MORT119265-13	2022-02-11 14:59:49.952	12844		2.038636	0.019267	0.192658	0.000625	2764	5	2581	20	93.4	1.5	64	94	1113	1.1E-06	2764	5
MORT119265-04	2022-02-11 14:50:10.400	12844		2.099982	0.021460	0.188100	0.000418	2725	4	2515	21	92.3	0.4	202	90	1167	3.4E-07	2725	4
MORT119265-19	2022-02-11 15:07:16.801	12844		2.115905	0.013689	0.190359	0.000342	2744	3	2498	13	91.0	0.9	213	188	2436	1.6E-06	2744	3
MORT119265-18	2022-02-11 15:06:37.194	12844		2.180169	0.016624	0.189977	0.000573	2741	5	2435	15	88.8	1.0	159	155	1532	2.2E-06	2741	5
MORT119265-20	2022-02-11 15:08:00.398	12844		2.441940	0.051591	0.185761	0.000599	2704	5	2226	41	82.3	0.6	322	202	2044	1.7E-06	2704	5
MORT119265-22	2022-02-11 15:09:39.532	12844		2.427490	0.018001	0.186990	0.000415	2715	4	2226	14	82.0	0.3	212	69	788	4.0E-07	2715	4
MORT119265-11	2022-02-11 14:58:28.407	12844		2.448852	0.015815	0.187377	0.000371	2718	3	2210	12	81.3	0.4	191	84	953	9.0E-07	2718	3
MORT119265-25	2022-02-11 15:12:31.119	12844	high Pbc	2.655963	0.151477	0.196098	0.001468	2792	12	2129	93	76.2	0.6	383	245	2698	2.0E-05	2792	12
MORT119265-01	2022-02-11 14:47:57.955	12844		2.686541	0.033271	0.185743	0.000574	2704	5	2044	22	75.6	0.6	162	93	1138	2.5E-06	2704	5
MORT119265-09	2022-02-11 14:56:58.268	12844	high Pbc	2.685071	0.092259	0.200359	0.000885	2828	7	2113	61	74.7	0.9	123	106	943	9.6E-06	2828	7
MORT119265-05	2022-02-11 14:50:54.020	12844		2.818254	0.048114	0.182882	0.000566	2678	5	1965	29	73.4	0.7	344	226	1989	6.0E-07	2678	5
MORT119265-28	2022-02-11 15:14:42.879	12844		3.051139	0.078369	0.177942	0.001014	2633	9	1833	41	69.6	1.2	228	267	2188	2.2E-06	2633	9
MORT119265-08	2022-02-11 14:53:06.358	12844		3.299613	0.023067	0.174991	0.000379	2605	4	1708	10	65.6	1.0	340	328	2456	1.3E-06	2605	4
MORT119265-31	2022-02-11 15:17:03.329	12844	high Pbc	3.605739	0.057452	0.179269	0.000689	2645	6	1589	23	60.1	1.2	294	352	2303	1.0E-05	2645	6
MORT119265-14	2022-02-11 15:00:38.627	12844	high Pbc	3.945468	0.035861	0.181197	0.001163	2662	11	1458	12	54.8	0.7	417	276	2117	1.8E-05	2662	11
MORT119265-21	2022-02-11 15:08:45.134	12844	high Pbc	4.062922	0.055499	0.174516	0.001512	2599	14	1423	18	54.8	0.9	450	419	2204	6.0E-06	2599	14
MORT119265-27	2022-02-11 15:14:00.169	12844		4.494830	0.052082	0.161771	0.000608	2473	6	1302	14	52.7	1.5	451	660	3241	2.5E-06	2473	6
MORT119265-16	2022-02-11 15:02:01.157	12844	very high Pbc	4.404695	0.065246	0.280708	0.003039	3364	17	1323	17	39.3	0.6	526	317	5638	1.5E-04	3364	17
MORT119265-26	2022-02-11 15:13:15.018	12844	very high Pbc	2.676346	0.028687	0.299379	0.002785	3465	14	2046	20	59.1	0.6	474	301	7217	2.0E-04	3465	14
MORT119265-30	2022-02-11 15:16:23.155	12844	very high Pbc	2.971150	0.030012	0.290608	0.001242	3420	7	1871	16	54.7	0.5	307	145	4541	1.3E-04	3420	7
SMAL119272																			
~~SMAL119272-01~~	~~2022-02-11 15:21:25.305~~	~~12844~~	~~outlier2~~	~~3.007682~~	~~0.026793~~	~~0.120893~~	~~0.000366~~	~~1968~~	~~5~~	~~1853~~	~~14~~	~~94.1~~	~~0.06~~	~~225~~	~~15~~	~~195~~	~~3.5E-06~~	1968	5
~~SMAL119272-02~~	~~2022-02-11 15:22:16.833~~	~~12844~~	~~outlier~~	~~24.044631~~	~~0.410365~~	~~0.385941~~	~~0.003894~~	~~3851~~	~~15~~	~~265~~	~~4~~	~~6.9~~	~~0.80~~	~~2508~~	~~2003~~	~~10639~~	~~3.0E-04~~	3851	15
~~SMAL119272-03~~	~~2022-02-11 15:22:54.783~~	~~12844~~	~~outlier~~	~~21.961820~~	~~0.206784~~	~~0.074933~~	~~0.000269~~	~~1066~~	~~8~~	~~288~~	~~3~~	~~27.0~~	~~0.99~~	~~3865~~	~~3834~~	~~5416~~	~~3.9E-05~~	1066	8
~~SMAL119272-05~~	~~2022-02-11 15:24:21.624~~	~~12844~~	~~outlier~~	~~4.337509~~	~~0.115260~~	~~0.156149~~	~~0.003592~~	~~2405~~	~~39~~	~~1349~~	~~31~~	~~56.1~~	~~0.20~~	~~802~~	~~160~~	~~2474~~	~~7.0E-05~~	2405	39
SMAL119272-06	2022-02-11 15:25:07.176	12844		2.804860	0.036773	0.120261	0.000921	1956	14	1977	22	101.1	0.05	34	2	21	-3.4E-07	1956	14
~~SMAL119272-07~~	~~2022-02-11 15:25:51.348~~	~~12844~~	~~outlier~~	~~30.007001~~	~~0.357817~~	~~0.097136~~	~~0.001994~~	~~1554~~	~~37~~	~~212~~	~~3~~	~~13.7~~	~~1.19~~	~~3726~~	~~4445~~	~~5963~~	~~3.2E-05~~	1554	37
SMAL119272-08	2022-02-11 15:26:34.143	12844		3.057825	0.089140	0.116784	0.000429	1907	7	1877	41	98.5	0.42	89	37	77	1.6E-07	1907	7
SMAL119272-09	2022-02-11 15:30:21.729	12844		2.942534	0.014032	0.116553	0.000253	1903	4	1888	8	99.2	0.08	172	14	124	4.3E-07	1903	4
~~SMAL119272-10~~	~~2022-02-11 15:31:05.927~~	~~12844~~	~~1500~~	~~3.904413~~	~~0.026205~~	~~0.094097~~	~~0.000386~~	~~1508~~	~~8~~	~~1473~~	~~9~~	~~97.6~~	~~0.63~~	~~80~~	~~50~~	~~357~~	~~3.0E-07~~	1508	8
~~SMAL119272-11~~	~~2022-02-11 15:32:00.811~~	~~12844~~	~~outlier2~~	~~3.101738~~	~~0.041965~~	~~0.120087~~	~~0.000720~~	~~1956~~	~~11~~	~~1808~~	~~22~~	~~92.4~~	~~0.04~~	~~53~~	~~2~~	~~27~~	~~1.0E-06~~	1956	11
~~SMAL119272-12~~	~~2022-02-11 15:32:36.800~~	~~12844~~	~~outlier~~	~~19.550308~~	~~0.410253~~	~~0.229212~~	~~0.003294~~	~~3037~~	~~24~~	~~328~~	~~7~~	~~10.8~~	~~0.49~~	~~1867~~	~~921~~	~~4985~~	~~1.3E-04~~	3037	24
SMAL119272-13	2022-02-11 15:33:18.377	12844		2.918152	0.048430	0.118361	0.000827	1928	12	1921	28	99.6	0.01	21	0	3	4.8E-07	1928	12
~~SMAL119272-16~~	~~2022-02-11 15:36:20.475~~	~~12844~~	~~1000~~	~~6.290986~~	~~0.038333~~	~~0.070505~~	~~0.000386~~	~~941~~	~~11~~	~~952~~	~~5~~	~~101.1~~	~~0.51~~	~~97~~	~~49~~	~~214~~	~~7.6E-07~~	952	5
SMAL119272-17	2022-02-11 15:37:04.641	12844		2.922304	0.037126	0.116833	0.000660	1906	10	1907	22	100.1	0.02	30	1	5	-1.4E-06	1906	10
~~SMAL119272-04~~	~~2022-02-11 15:23:44.173~~	~~12844~~	~~outlier~~	~~0.702722~~	~~0.048984~~	~~0.655630~~	~~0.002253~~	~~4635~~	~~5~~	~~5965~~	~~280~~	~~128.7~~	~~6.57~~	~~7~~	~~49~~	~~2096~~	~~5.3E-05~~	4635	5
~~SMAL119272-14~~	~~2022-02-11 15:34:08.342~~	~~12844~~	~~outlier~~	~~9.721744~~	~~0.172882~~	~~0.434127~~	~~0.005560~~	~~4026~~	~~20~~	~~638~~	~~10~~	~~15.8~~	~~0.14~~	~~1130~~	~~156~~	~~11802~~	~~3.9E-04~~	4026	20
~~SMAL119272-15~~	~~2022-02-11 15:35:36.281~~	~~12844~~	~~outlier~~	~~9.676425~~	~~51.829908~~	~~0.634256~~	~~0.186921~~	~~3988~~	~~165~~	~~52~~	~~62~~	~~1.3~~	~~27.73~~	~~0~~	~~0~~	~~3~~	~~3.0E-07~~	3988	165
~~SMAL119272-18~~	~~2022-02-11 15:37:49.069~~	~~12844~~	~~tripped~~	~~-39494.984974~~	~~3883.585380~~	~~0.742873~~	~~0.004798~~	~~4809~~	~~7~~	~~0~~	~~0~~	~~0.0~~	~~0.84~~	~~944~~	~~792~~	~~-4~~	~~-1.9E-05~~	4809	7
~~SMAL119272-19~~	~~2022-02-11 15:38:33.308~~	~~12844~~	~~tripped~~	~~-200314.663245~~	~~15407.391182~~	~~-155.317879~~	~~217.237822~~	~~4803~~	~~33~~	~~0~~	~~1~~	~~0.0~~	~~0.23~~	~~4230~~	~~991~~	~~35~~	~~-1.9E-05~~	4803	33
STAI119268																			
~~STAI119268-094~~	~~2022-02-18 14:02:50.402~~	~~12856~~	~~epoxy~~	~~753.634688~~	~~1246.311017~~	~~-0.313350~~	~~1.742532~~	~~4060~~	~~256~~	~~-34~~	~~48~~	~~-0.8~~	~~-1.8~~	~~0~~	~~0~~	~~4~~	~~6.0E-07~~	4060	256
~~STAI119268-103~~	~~2022-02-18 14:13:19.183~~	~~12856~~	~~epoxy~~	~~38.477997~~	~~152.122765~~	~~-0.057365~~	~~0.465556~~	~~3248~~	~~427~~	~~-8~~	~~12~~	~~-0.2~~	~~2.6~~	~~0~~	~~0~~	~~0~~	~~1.5E-07~~	3248	427
~~STAI119268-033~~	~~2022-02-18 12:57:05.593~~	~~12856~~	~~epoxy~~	~~-10.104496~~	~~51.104538~~	~~-0.079569~~	~~0.099593~~	~~2597~~	~~332~~	~~-4~~	~~23~~	~~-0.2~~	~~11.2~~	~~0~~	~~0~~	~~-1~~	~~2.6E-07~~	2597	332
~~STAI119268-113~~	~~2022-02-18 14:23:47.322~~	~~12856~~	~~epoxy~~	~~-92.110230~~	~~152.818883~~	~~-0.565608~~	~~1.850548~~	~~2825~~	~~695~~	~~0~~	~~37~~	~~0.0~~	~~180.3~~	~~0~~	~~0~~	~~-2~~	~~-8.2E-08~~	2825	695
~~STAI119268-003~~	~~2022-02-18 12:30:03.637~~	~~12856~~	~~epoxy~~	~~-102.865907~~	~~301.387219~~	~~-0.258839~~	~~0.803408~~	~~3578~~	~~296~~	~~3~~	~~16~~	~~0.1~~	~~38.1~~	~~0~~	~~9~~	~~0~~	~~-1.5E-07~~	3578	296

~~STAI119268-039~~	~~2022-02-18 13:01:30.397~~	~~12856~~	~~epoxy~~	~~-2.420788~~	~~20.256653~~	~~0.174565~~	~~0.051759~~	~~3202~~	~~241~~	~~3~~	~~55~~	~~0.1~~	~~-4.0~~	~~0~~	~~0~~	~~-2~~	~~-3.8E-08~~	3202	241
~~STAI119268-012~~	~~2022-02-18 12:37:35.838~~	~~12856~~	~~epoxy~~	~~-311.820517~~	~~1090.527804~~	~~-0.881822~~	~~1.486919~~	~~3517~~	~~296~~	~~4~~	~~14~~	~~0.1~~	~~6.4~~	~~0~~	~~0~~	~~0~~	~~2.6E-07~~	3517	296
~~STAI119268-015~~	~~2022-02-18 12:39:48.400~~	~~12856~~	~~epoxy~~	~~7.377580~~	~~242.549172~~	~~0.235591~~	~~0.535085~~	~~3591~~	~~277~~	~~8~~	~~12~~	~~0.2~~	~~-0.1~~	~~0~~	~~0~~	~~0~~	~~6.0E-07~~	3591	277
STAI119268-002	2022-02-18 12:29:19.514	12856	>10% disc	14.552617	0.138197	0.104332	0.000773	1701	14	430	4	25.3	0.6	1177	759	1993	5.3E-05	1701	14
STAI119268-037	2022-02-18 13:00:02.220	12856	>10% disc	6.554398	0.126730	0.160387	0.000503	2459	5	930	15	37.8	0.8	668	504	1669	1.9E-05	2459	5
STAI119268-082	2022-02-18 13:50:53.660	12856	>10% disc	5.970487	0.055147	0.154044	0.000233	2390	3	1002	9	41.9	0.4	908	319	1804	1.9E-05	2390	3
STAI119268-031	2022-02-18 12:55:37.261	12856	>10% disc	4.859277	0.074367	0.162103	0.000631	2476	7	1218	16	49.2	0.7	612	440	3650	1.3E-05	2476	7
STAI119268-114	2022-02-18 14:24:30.074	12856	>10% disc	3.146299	0.024836	0.278664	0.000942	3355	5	1781	12	53.1	0.5	833	398	4048	1.2E-05	3355	5
STAI119268-029	2022-02-18 12:53:13.664	12856	>10% disc	4.017819	0.032542	0.165397	0.000373	2511	4	1436	10	57.2	0.9	351	299	1461	7.9E-06	2511	4
STAI119268-061	2022-02-18 13:28:29.978	12856	>10% disc	3.813301	0.057842	0.176049	0.000368	2615	3	1516	21	58.0	0.7	188	139	843	5.0E-06	2615	3
STAI119268-022	2022-02-18 12:48:16.726	12856	>10% disc	4.084980	0.044057	0.140853	0.000494	2237	6	1412	14	63.1	0.9	298	262	1352	4.8E-06	2237	6
STAI119268-035	2022-02-18 12:58:33.940	12856	>10% disc	4.566881	0.053382	0.123838	0.000301	2011	4	1283	14	63.8	0.1	661	81	588	1.4E-05	2011	4
STAI119268-051	2022-02-18 13:18:02.874	12856	>10% disc	2.937519	0.037860	0.214634	0.000836	2939	6	1901	22	64.7	1.2	48	56	368	5.2E-06	2939	6
STAI119268-112	2022-02-18 14:23:13.404	12856	>10% disc	3.167389	0.018459	0.179336	0.000443	2646	4	1770	9	66.9	0.7	225	154	938	4.5E-06	2646	4
STAI119268-102	2022-02-18 14:12:35.029	12856	>10% disc	3.003454	0.029734	0.172041	0.000442	2577	4	1860	16	72.2	0.7	378	264	1775	4.3E-06	2577	4
STAI119268-083	2022-02-18 13:51:47.221	12856	>10% disc	4.250981	0.036158	0.113112	0.000337	1849	5	1363	10	73.7	0.5	406	192	1372	7.7E-06	1849	5
STAI119268-045	2022-02-18 13:09:55.195	12856	>10% disc	2.816108	0.017724	0.171406	0.000315	2571	3	1960	11	76.2	0.3	372	119	1099	4.0E-06	2571	3
STAI119268-091	2022-02-18 14:00:37.091	12856	>10% disc	2.545460	0.025245	0.182495	0.000304	2675	3	2136	19	79.9	0.5	271	140	1284	5.2E-06	2675	3
STAI119268-043	2022-02-18 13:08:17.430	12856	>10% disc	2.482217	0.029281	0.187702	0.000484	2721	4	2186	22	80.3	1.1	213	227	1902	2.2E-06	2721	4
STAI119268-017	2022-02-18 12:41:25.809	12856	>10% disc	2.726401	0.082222	0.161734	0.001703	2470	18	2055	54	83.2	1.1	15	16	122	8.3E-07	2470	18
STAI119268-058	2022-02-18 13:23:12.063	12856	>10% disc	2.250212	0.040825	0.185060	0.000519	2698	5	2377	35	88.1	0.3	496	126	1303	2.7E-06	2698	5
STAI119268-038	2022-02-18 13:00:53.483	12856		2.092923	0.017932	0.194898	0.000516	2783	4	2520	18	90.5	0.8	147	117	1210	8.7E-07	2783	4
STAI119268-009	2022-02-18 12:34:28.509	12856		2.195707	0.018172	0.181784	0.000629	2668	6	2425	17	90.9	1.4	75	103	714	-9.2E-07	2668	6
STAI119268-053	2022-02-18 13:19:29.922	12856		3.204492	0.027609	0.116815	0.000250	1907	4	1753	13	91.9	0.2	421	64	288	1.4E-06	1907	4
STAI119268-072	2022-02-18 13:40:23.969	12856		2.153399	0.016982	0.181914	0.000324	2670	3	2458	17	92.1	1.4	193	262	2612	9.0E-07	2670	3
STAI119268-063	2022-02-18 13:29:56.695	12856		2.080373	0.022691	0.190322	0.000437	2744	4	2536	23	92.4	0.6	210	118	1145	1.1E-06	2744	4
STAI119268-013	2022-02-18 12:38:20.022	12856		2.144192	0.013360	0.181246	0.000379	2663	3	2471	13	92.8	1.2	121	151	1520	4.8E-07	2663	3
STAI119268-034	2022-02-18 12:57:49.723	12856		2.077130	0.017044	0.186756	0.000255	2713	2	2537	17	93.5	0.1	327	39	432	1.4E-06	2713	2
STAI119268-032	2022-02-18 12:56:21.414	12856		3.098835	0.025626	0.118630	0.000290	1935	4	1809	13	93.5	0.7	130	94	657	6.2E-07	1935	4
STAI119268-001	2022-02-18 12:28:51.429	12856		2.066991	0.035552	0.186480	0.000951	2710	8	2550	36	94.1	1.7	48	83	895	5.1E-07	2710	8
STAI119268-120	2022-02-18 14:28:56.524	12856		2.024770	0.016962	0.191119	0.000360	2751	3	2592	18	94.2	1.5	120	184	1835	-2.8E-07	2751	3
STAI119268-085	2022-02-18 13:53:06.062	12856		2.419473	0.018674	0.150481	0.000420	2350	5	2232	14	95.0	1.0	65	67	639	1.7E-08	2350	5
STAI119268-076	2022-02-18 13:43:21.291	12856		1.761386	0.018205	0.228092	0.000559	3038	4	2903	24	95.5	1.2	267	328	3717	1.6E-07	3038	4
STAI119268-067	2022-02-18 13:32:54.825	12856		2.773062	0.032124	0.128145	0.000651	2071	9	1995	20	96.3	0.8	112	86	666	2.0E-07	2071	9
STAI119268-005	2022-02-18 12:31:31.916	12856		3.053412	0.017170	0.116032	0.000345	1895	5	1829	9	96.5	1.4	83	117	812	-1.3E-07	1895	5
STAI119268-079	2022-02-18 13:45:34.470	12856		2.327395	0.026206	0.154376	0.000848	2394	10	2313	22	96.6	0.7	30	20	203	3.1E-07	2394	10
STAI119268-100	2022-02-18 14:07:15.308	12856		2.001915	0.013639	0.185659	0.000378	2704	3	2615	15	96.7	0.5	128	59	609	-6.7E-07	2704	3
STAI119268-060	2022-02-18 13:24:45.769	12856		1.976127	0.012062	0.188427	0.000409	2728	4	2642	13	96.9	0.4	111	48	478	-4.7E-07	2728	4
STAI119268-101	2022-02-18 14:11:49.369	12856		2.818087	0.036010	0.124516	0.000431	2021	6	1962	22	97.1	1.0	317	312	2429	1.3E-06	2021	6
STAI119268-007	2022-02-18 12:33:00.216	12856		2.415731	0.029421	0.146972	0.000555	2309	7	2243	23	97.1	1.2	36	42	389	6.0E-07	2309	7
STAI119268-098	2022-02-18 14:05:45.204	12856		1.962696	0.084576	0.191577	0.001114	2755	10	2677	86	97.2	0.3	202	70	877	7.2E-07	2755	10
STAI119268-004	2022-02-18 12:30:47.785	12856		2.327058	0.044097	0.152584	0.000955	2373	11	2312	35	97.4	0.7	27	20	182	9.4E-08	2373	11
STAI119268-084	2022-02-18 13:52:21.963	12856		1.965810	0.011274	0.187863	0.000343	2723	3	2654	13	97.5	0.5	92	49	528	-1.7E-07	2723	3
STAI119268-024	2022-02-18 12:49:32.794	12856		3.018828	0.029292	0.116205	0.000520	1897	8	1850	15	97.5	0.7	37	28	199	4.8E-08	1897	8
STAI119268-092	2022-02-18 14:01:22.078	12856		1.866481	0.014355	0.201483	0.000343	2837	3	2771	17	97.6	0.4	141	63	697	-5.3E-08	2837	3
STAI119268-062	2022-02-18 13:29:14.131	12856		2.197815	0.016314	0.162303	0.000455	2479	5	2421	15	97.7	1.0	62	62	609	-1.5E-07	2479	5
STAI119268-049	2022-02-18 13:12:42.167	12856		1.934062	0.029006	0.191251	0.000516	2752	4	2691	33	97.8	1.0	267	262	3118	-4.4E-07	2752	4
STAI119268-104	2022-02-18 14:14:03.315	12856		2.177306	0.014364	0.163916	0.000394	2495	4	2440	14	97.8	1.0	79	82	779	-1.9E-07	2495	4
STAI119268-010	2022-02-18 12:35:12.700	12856		1.980127	0.014195	0.185252	0.000390	2699	3	2640	16	97.8	0.8	71	55	573	-2.2E-06	2699	3
STAI119268-008	2022-02-18 12:33:44.379	12856		3.054944	0.020301	0.114458	0.000444	1870	7	1829	11	97.8	1.8	54	98	679	4.4E-07	1870	7
STAI119268-071	2022-02-18 13:39:40.896	12856		1.935323	0.012365	0.190854	0.000318	2749	3	2689	14	97.8	1.1	112	128	1338	3.4E-07	2749	3
STAI119268-081	2022-02-18 13:50:09.476	12856		1.943232	0.010237	0.189382	0.000232	2736	2	2679	12	97.9	0.8	209	160	1713	4.8E-07	2736	2
STAI119268-052	2022-02-18 13:18:46.970	12856		1.937044	0.011239	0.190070	0.000340	2742	3	2686	13	98.0	0.4	94	35	374	3.8E-07	2742	3
STAI119268-080	2022-02-18 13:46:18.608	12856		1.931981	0.009097	0.190442	0.000298	2745	3	2690	11	98.0	0.4	148	59	661	-9.0E-07	2745	3
STAI119268-056	2022-02-18 13:21:43.830	12856		2.991708	0.018520	0.116261	0.000294	1898	5	1861	10	98.0	0.4	131	48	351	-1.5E-07	1898	5
STAI119268-011	2022-02-18 12:36:51.674	12856		1.968669	0.014993	0.186084	0.000407	2707	4	2653	17	98.0	1.6	56	90	928	7.8E-07	2707	4
STAI119268-077	2022-02-18 13:44:06.177	12856		1.958953	0.010540	0.186671	0.000317	2712	3	2660	12	98.1	1.1	116	127	1337	-3.3E-07	2712	3
STAI119268-089	2022-02-18 13:56:02.624	12856		1.938203	0.010801	0.189428	0.000424	2736	4	2685	12	98.1	0.7	65	48	533	9.3E-08	2736	4
STAI119268-064	2022-02-18 13:30:42.384	12856		1.954534	0.022906	0.188362	0.000587	2727	5	2677	26	98.2	0.8	30	24	251	1.2E-07	2727	5
STAI119268-050	2022-02-18 13:13:27.835	12856		2.235417	0.023678	0.158226	0.000617	2435	7	2391	21	98.2	0.9	31	26	256	-2.8E-07	2435	7
STAI119268-044	2022-02-18 13:09:02.789	12856		3.161215	0.023236	0.110512	0.000469	1806	8	1773	11	98.2	0.8	52	40	293	7.5E-08	1806	8
STAI119268-047	2022-02-18 13:11:15.246	12856		2.939206	0.013843	0.117925	0.000233	1924	4	1889	8	98.2	0.8	202	165	1218	-9.2E-08	1924	4
STAI119268-048	2022-02-18 13:11:59.420	12856		2.190243	0.016978	0.161758	0.000818	2472	9	2428	16	98.2	0.8	53	43	414	-1.4E-08	2472	9
STAI119268-042	2022-02-18 13:07:34.389	12856		3.873383	0.020900	0.094014	0.000227	1507	5	1482	7	98.4	0.8	183	154	894	1.3E-07	1507	5
STAI119268-097	2022-02-18 14:05:02.912	12856		1.947316	0.041018	0.190847	0.000874	2749	7	2703	47	98.4	1.9	16	30	320	4.8E-08	2749	7
STAI119268-118	2022-02-18 14:27:28.045	12856		3.036451	0.017549	0.114285	0.000309	1867	5	1838	9	98.4	1.3	99	126	875	-5.2E-08	1867	5
STAI119268-006	2022-02-18 12:32:16.042	12856		1.962884	0.009675	0.184993	0.000241	2697	2	2654	10	98.4	0.9	182	162	1603	-3.1E-08	2697	2
STAI119268-055	2022-02-18 13:20:59.393	12856		2.211892	0.015075	0.159175	0.000496	2446	5	2409	14	98.5	1.4	59	81	766	4.4E-07	2446	5

STAI119268-036	2022-02-18 12:59:18.084	12856		1.956306	0.010581	0.185528	0.000258	2702	2	2664	12	98.6	0.6	173	103	1099	6.3E-10	2702	2
STAI119268-030	2022-02-18 12:53:57.935	12856		1.940454	0.013328	0.187199	0.000386	2717	3	2684	15	98.8	0.7	84	59	636	-9.9E-07	2717	3
STAI119268-066	2022-02-18 13:32:10.664	12856		1.873269	0.012744	0.196115	0.000316	2793	3	2760	16	98.8	0.3	177	56	620	5.1E-08	2793	3
STAI119268-074	2022-02-18 13:41:53.322	12856		1.852260	0.014477	0.199479	0.000503	2821	4	2787	17	98.8	0.6	51	32	362	-1.2E-07	2821	4
STAI119268-014	2022-02-18 12:39:04.231	12856		2.293438	0.014761	0.151603	0.000299	2363	3	2335	13	98.8	0.6	150	91	823	-3.5E-07	2363	3
STAI119268-087	2022-02-18 13:54:34.327	12856		1.933506	0.014334	0.187639	0.000449	2721	4	2689	16	98.8	0.6	99	63	693	3.4E-07	2721	4
STAI119268-027	2022-02-18 12:51:45.356	12856		2.202969	0.020337	0.159455	0.000608	2448	6	2420	19	98.9	0.8	35	27	253	2.9E-07	2448	6
STAI119268-021	2022-02-18 12:47:20.443	12856		1.837171	0.010998	0.201221	0.000412	2836	3	2804	14	98.9	0.7	68	50	554	4.3E-07	2836	3
STAI119268-090	2022-02-18 13:56:46.700	12856		2.204605	0.031893	0.159406	0.000683	2448	7	2420	29	98.9	0.8	23	19	183	-3.8E-07	2448	7
STAI119268-110	2022-02-18 14:18:28.308	12856		2.357933	0.046026	0.148513	0.000922	2326	11	2300	38	98.9	0.7	16	11	105	-7.7E-07	2326	11
STAI119268-117	2022-02-18 14:26:43.850	12856		1.938073	0.013444	0.186816	0.000397	2713	4	2685	15	99.0	1.9	67	125	1331	3.7E-07	2713	4
STAI119268-105	2022-02-18 14:14:47.442	12856		2.214400	0.025821	0.158196	0.000576	2435	6	2410	25	99.0	1.6	27	43	400	4.3E-07	2435	6
STAI119268-019	2022-02-18 12:42:44.935	12856		1.909767	0.014141	0.190372	0.000404	2744	3	2720	17	99.1	1.0	69	70	768	2.7E-07	2744	3
STAI119268-059	2022-02-18 13:23:56.334	12856		1.931716	0.009360	0.186802	0.000292	2713	3	2692	11	99.2	1.8	139	256	2740	3.3E-07	2713	3
STAI119268-093	2022-02-18 14:02:06.289	12856		2.908689	0.013911	0.117768	0.000253	1922	4	1907	8	99.2	0.2	181	43	324	-3.5E-07	1922	4
STAI119268-018	2022-02-18 12:42:00.808	12856		1.939355	0.010149	0.185712	0.000252	2704	2	2683	12	99.2	0.6	154	94	987	5.3E-08	2704	2
STAI119268-116	2022-02-18 14:25:59.686	12856		1.924166	0.012800	0.187857	0.000439	2722	4	2702	15	99.3	0.5	67	32	345	2.2E-07	2722	4
STAI119268-073	2022-02-18 13:41:09.098	12856		2.143325	0.011005	0.163268	0.000344	2489	4	2471	11	99.3	0.8	124	97	937	-4.6E-08	2489	4
STAI119268-028	2022-02-18 12:52:29.539	12856		2.213551	0.040348	0.157637	0.000678	2429	7	2412	36	99.3	0.8	21	17	170	9.3E-08	2429	7
STAI119268-065	2022-02-18 13:31:26.516	12856		1.890563	0.017924	0.192486	0.000341	2763	3	2744	21	99.3	0.6	121	78	873	8.6E-08	2763	3
STAI119268-016	2022-02-18 12:40:32.509	12856		2.936125	0.016718	0.116683	0.000300	1905	5	1892	9	99.3	0.4	107	43	310	2.3E-07	1905	5
STAI119268-057	2022-02-18 13:22:36.808	12856		1.979743	0.015201	0.180068	0.000521	2653	5	2637	17	99.4	0.8	89	70	714	6.6E-08	2653	5
STAI119268-075	2022-02-18 13:42:37.772	12856		1.915060	0.012035	0.187943	0.000414	2723	4	2712	14	99.6	1.4	80	110	1209	-2.5E-07	2723	4
STAI119268-096	2022-02-18 14:04:18.781	12856		1.916655	0.010671	0.187413	0.000319	2719	3	2708	12	99.6	2.3	87	200	2209	3.9E-07	2719	3
STAI119268-095	2022-02-18 14:03:36.744	12856		3.065638	0.018094	0.111810	0.000242	1828	4	1822	9	99.7	0.4	204	90	651	1.5E-07	1828	4
STAI119268-115	2022-02-18 14:25:15.594	12856		1.917756	0.014707	0.187396	0.000502	2718	4	2711	17	99.7	0.7	45	32	354	8.3E-08	2718	4
STAI119268-020	2022-02-18 12:43:29.016	12856		1.882153	0.019379	0.191776	0.000461	2757	4	2750	23	99.8	0.5	207	100	1136	-2.2E-07	2757	4
STAI119268-107	2022-02-18 14:16:15.752	12856		2.256495	0.009992	0.152042	0.000276	2368	3	2366	9	99.9	0.4	168	75	694	-7.1E-08	2368	3
STAI119268-108	2022-02-18 14:17:00.003	12856		1.871977	0.007668	0.192308	0.000280	2761	2	2760	9	99.9	0.6	189	122	1330	2.8E-07	2761	2
STAI119268-023	2022-02-18 12:48:48.697	12856		1.913143	0.010330	0.186766	0.000402	2713	4	2713	12	100.0	1.1	76	81	886	-9.3E-08	2713	4
STAI119268-054	2022-02-18 13:20:15.232	12856		1.701805	0.013058	0.220484	0.000888	2983	7	2986	18	100.1	0.7	93	62	724	3.0E-07	2983	7
STAI119268-106	2022-02-18 14:15:31.580	12856		2.200490	0.035497	0.158214	0.000646	2436	7	2439	33	100.1	1.4	24	33	322	-8.6E-08	2436	7
STAI119268-111	2022-02-18 14:22:19.074	12856		2.944732	0.015849	0.115319	0.000309	1884	5	1886	9	100.1	0.8	92	71	528	5.1E-07	1884	5
STAI119268-040	2022-02-18 13:02:26.684	12856		1.847725	0.010818	0.195111	0.000577	2785	5	2790	13	100.2	0.9	94	84	967	1.2E-07	2785	5
STAI119268-099	2022-02-18 14:06:31.121	12856		1.913221	0.010685	0.186220	0.000416	2708	4	2714	12	100.2	1.2	73	86	958	3.4E-07	2708	4
STAI119268-070	2022-02-18 13:35:07.199	12856		1.876586	0.010538	0.190860	0.000255	2749	2	2757	13	100.3	1.3	173	218	2389	-5.7E-07	2749	2
STAI119268-026	2022-02-18 12:51:01.209	12856		2.107482	0.015415	0.164288	0.000454	2499	5	2508	15	100.4	0.9	66	58	569	1.2E-07	2499	5
STAI119268-046	2022-02-18 13:10:31.141	12856		1.757561	0.008620	0.207540	0.000247	2886	2	2906	12	100.7	0.6	197	123	1487	3.8E-08	2886	2
STAI119268-078	2022-02-18 13:44:49.465	12856		1.895614	0.016769	0.186381	0.000529	2710	5	2735	20	100.9	0.8	75	63	723	6.7E-08	2710	5
STAI119268-041	2022-02-18 13:06:59.222	12856		1.815588	0.010076	0.197212	0.000344	2802	3	2830	13	101.0	0.8	207	170	1891	7.0E-07	2802	3
STAI119268-086	2022-02-18 13:53:48.711	12856		2.148268	0.045443	0.158475	0.000629	2438	7	2463	45	101.0	0.6	108	60	643	-3.9E-07	2438	7
STAI119268-025	2022-02-18 12:50:17.055	12856		1.874726	0.009679	0.188655	0.000283	2730	2	2757	12	101.0	0.8	158	130	1447	1.3E-07	2730	2
STAI119268-109	2022-02-18 14:17:43.034	12856		1.679482	0.013849	0.220413	0.000393	2983	3	3019	20	101.2	0.5	99	53	672	3.3E-07	2983	3
STAI119268-069	2022-02-18 13:34:23.035	12856		1.827062	0.015864	0.192571	0.000418	2763	4	2822	20	102.1	0.9	103	88	963	6.8E-07	2763	4
STAI119268-088	2022-02-18 13:55:33.434	12856		2.660172	0.031432	0.124234	0.000605	2017	9	2060	21	102.2	0.7	87	62	482	5.5E-07	2017	9
STAI119268-068	2022-02-18 13:33:38.926	12856		1.841368	0.040893	0.191656	0.000862	2755	7	2836	54	102.9	1.3	21	28	319	3.9E-07	2755	7
STAI119268-119	2022-02-18 14:28:24.576	12856	>10% disc	2.273577	0.023654	0.128934	0.000588	2082	8	2354	21	113.0	1.1	58	62	473	2.6E-07	2082	8
MORT119266																			
~~MORT119266-042~~	~~2022-02-14 13:06:17.938~~	~~12846~~	~~epoxy~~	~~-3.860062~~	~~6.003669~~	~~0.840795~~	~~0.042738~~	~~4665~~	~~68~~	~~-140~~	~~203~~	~~-3.0~~	~~0.3~~	~~0~~	~~0~~	~~21~~	~~8.0E-07~~	4665	68
MORT119266-117	2022-02-14 14:06:02.656	12846	>10% disc	7.887667	0.043729	0.099900	0.000301	1621	6	770	4	47.5	0.3	1957	507	2302	8.9E-06	1621	6
MORT119266-011	2022-02-14 12:42:57.608	12846		4.106742	0.043281	0.093857	0.000558	1504	11	1408	14	93.6	0.6	97	54	350	7.3E-07	1504	11
MORT119266-097	2022-02-14 13:50:10.960	12846		2.054292	0.013405	0.181202	0.000556	2663	5	2559	14	96.1	0.4	155	65	840	7.8E-07	2663	5
MORT119266-043	2022-02-14 13:06:59.049	12846		4.195270	0.031342	0.090490	0.000493	1434	10	1379	9	96.2	0.5	217	112	675	7.5E-07	1434	10
MORT119266-018	2022-02-14 12:47:11.811	12846		4.022057	0.072759	0.093406	0.000825	1492	17	1437	23	96.3	2.7	50	136	844	-4.2E-07	1492	17
MORT119266-071	2022-02-14 13:30:38.177	12846		3.167497	0.032226	0.112148	0.000506	1833	8	1770	15	96.6	0.2	359	69	596	1.3E-06	1833	8
MORT119266-054	2022-02-14 13:16:32.885	12846		4.052554	0.077044	0.092506	0.000958	1475	20	1431	24	97.0	0.8	37	28	175	2.5E-08	1475	20
MORT119266-101	2022-02-14 13:55:35.065	12846		1.869382	0.012468	0.202254	0.000644	2845	6	2763	15	97.1	0.6	411	236	3377	2.4E-06	2845	6
MORT119266-114	2022-02-14 14:04:15.750	12846		4.081984	0.065683	0.091393	0.000888	1453	18	1417	21	97.5	2.3	54	121	776	4.2E-07	1453	18
MORT119266-041	2022-02-14 13:05:47.270	12846		1.791009	0.042827	0.216353	0.001242	2952	9	2880	55	97.5	0.5	39	20	257	2.6E-07	2952	9
MORT119266-069	2022-02-14 13:28:36.753	12846		1.979215	0.013393	0.185569	0.000539	2702	5	2637	14	97.6	0.4	155	58	712	4.8E-07	2702	5
MORT119266-029	2022-02-14 12:54:37.933	12846		3.550173	0.022583	0.100936	0.000443	1640	8	1601	9	97.7	0.5	158	83	591	3.3E-07	1640	8
MORT119266-019	2022-02-14 12:47:55.850	12846		3.090797	0.031487	0.113134	0.000701	1849	11	1809	16	97.8	0.2	134	27	191	-2.2E-07	1849	11
MORT119266-106	2022-02-14 13:58:35.957	12846		1.983865	0.012016	0.183744	0.000422	2686	4	2633	13	98.0	0.2	296	51	661	5.2E-07	2686	4
MORT119266-070	2022-02-14 13:29:12.974	12846		3.917284	0.064432	0.094124	0.000935	1506	19	1476	22	98.0	1.7	46	77	516	-3.2E-07	1506	19
MORT119266-115	2022-02-14 14:04:51.928	12846		3.676122	0.043734	0.098114	0.000771	1586	15	1556	16	98.2	0.5	63	30	215	4.8E-07	1586	15
MORT119266-014	2022-02-14 12:44:47.243	12846		3.859561	0.031472	0.094404	0.000581	1514	12	1488	11	98.3	1.0	115	116	758	3.0E-07	1514	12

MORT119266-100	2022-02-14 13:51:59.299	12846	3.876575	0.027844	0.093926	0.000530	1506	10	1480	10	98.3	1.5	115	173	1224	1.1E-07	1506	10
MORT119266-039	2022-02-14 13:03:40.474	12846	3.880737	0.032377	0.093917	0.000528	1506	11	1481	11	98.3	0.8	108	86	555	9.6E-08	1506	11
MORT119266-092	2022-02-14 13:47:08.877	12846	3.716219	0.033480	0.096922	0.000542	1564	10	1539	13	98.4	0.7	147	100	735	1.7E-08	1564	10
MORT119266-112	2022-02-14 14:03:03.378	12846	3.906883	0.047430	0.093630	0.000753	1497	15	1475	16	98.5	1.3	72	95	636	1.9E-07	1497	15
MORT119266-022	2022-02-14 12:50:24.885	12846	3.154747	0.027021	0.110380	0.000623	1804	10	1777	13	98.5	0.2	137	22	187	7.0E-07	1804	10
MORT119266-079	2022-02-14 13:35:27.974	12846	3.849592	0.024203	0.094211	0.000484	1511	10	1490	8	98.6	1.0	192	200	1356	9.1E-08	1511	10
MORT119266-090	2022-02-14 13:45:08.263	12846	3.864446	0.090645	0.094724	0.001036	1517	21	1497	32	98.6	2.9	35	102	699	3.6E-08	1517	21
MORT119266-030	2022-02-14 12:55:14.157	12846	2.822615	0.026046	0.121982	0.000744	1985	11	1959	16	98.7	0.8	70	56	485	-2.2E-07	1985	11
MORT119266-067	2022-02-14 13:27:24.165	12846	3.863960	0.081784	0.094461	0.000944	1516	18	1501	28	99.0	1.3	38	51	341	5.1E-08	1516	18
MORT119266-051	2022-02-14 13:14:43.295	12846	1.841091	0.051474	0.201531	0.001073	2837	9	2812	60	99.1	0.9	33	30	375	7.0E-07	2837	9
MORT119266-110	2022-02-14 14:01:01.487	12846	3.054423	0.014725	0.112592	0.000367	1840	6	1827	8	99.3	0.2	199	48	406	-2.6E-07	1840	6
MORT119266-005	2022-02-14 12:36:21.403	12846	3.802075	0.024769	0.094555	0.000461	1517	9	1507	9	99.3	0.6	130	79	546	3.6E-07	1517	9
MORT119266-109	2022-02-14 14:00:25.377	12846	2.632856	0.034074	0.130000	0.000799	2096	11	2084	23	99.4	1.3	59	76	770	3.3E-07	2096	11
MORT119266-075	2022-02-14 13:33:03.395	12846	3.130357	0.035849	0.110277	0.000712	1803	11	1793	18	99.4	0.4	85	31	254	4.9E-07	1803	11
MORT119266-021	2022-02-14 12:49:48.667	12846	3.025587	0.022290	0.113214	0.000415	1851	7	1843	12	99.6	0.4	139	55	444	5.2E-07	1851	7
MORT119266-091	2022-02-14 13:46:33.585	12846	3.524662	0.039166	0.099905	0.000654	1620	12	1613	15	99.6	1.2	76	92	686	-1.4E-07	1620	12
MORT119266-113	2022-02-14 14:03:39.599	12846	3.811468	0.016751	0.094110	0.000348	1509	7	1503	6	99.6	0.5	267	132	917	1.6E-07	1509	7
MORT119266-105	2022-02-14 13:58:00.769	12846	3.919954	0.052288	0.092494	0.000752	1474	15	1469	17	99.6	1.2	62	73	513	-8.3E-08	1474	15
MORT119266-116	2022-02-14 14:05:28.032	12846	2.927192	0.038527	0.116307	0.000703	1900	11	1896	21	99.8	0.9	62	54	463	8.5E-08	1900	11
MORT119266-050	2022-02-14 13:11:07.292	12846	3.826241	0.102047	0.094556	0.001188	1515	23	1513	38	99.8	1.5	25	37	252	-9.4E-08	1515	23
MORT119266-081	2022-02-14 13:39:42.658	12846	3.097542	0.023329	0.110670	0.000543	1809	9	1806	12	99.9	0.4	116	44	367	3.9E-07	1809	9
MORT119266-012	2022-02-14 12:43:34.984	12846	3.044439	0.070019	0.113200	0.001161	1847	19	1844	37	99.9	0.8	28	22	181	1.8E-08	1847	19
MORT119266-088	2022-02-14 13:43:55.908	12846	3.851517	0.033705	0.093262	0.000576	1492	12	1491	12	99.9	0.9	100	93	643	2.9E-07	1492	12
MORT119266-059	2022-02-14 13:19:33.579	12846	2.919260	0.037574	0.116572	0.000785	1902	12	1900	21	99.9	0.9	59	51	423	-2.2E-07	1902	12
MORT119266-094	2022-02-14 13:48:22.134	12846	3.834923	0.036055	0.093485	0.000660	1495	13	1495	12	100.0	1.3	97	121	833	-1.8E-07	1495	13
MORT119266-016	2022-02-14 12:45:59.529	12846	3.014011	0.018136	0.113013	0.000376	1847	6	1849	10	100.1	0.1	235	23	191	-9.1E-08	1847	6
MORT119266-074	2022-02-14 13:32:27.256	12846	3.832786	0.053903	0.093708	0.000776	1501	15	1502	19	100.1	1.3	62	80	545	2.9E-07	1501	15
MORT119266-096	2022-02-14 13:49:34.471	12846	2.952399	0.033317	0.115073	0.000665	1881	11	1884	19	100.2	0.6	100	63	581	3.2E-07	1881	11
MORT119266-111	2022-02-14 14:02:27.107	12846	3.919124	0.040769	0.091973	0.000662	1466	14	1469	14	100.2	0.8	88	72	482	5.9E-07	1466	14
MORT119266-008	2022-02-14 12:38:09.869	12846	2.927429	0.030643	0.115778	0.000811	1890	13	1895	19	100.3	0.3	67	23	197	3.6E-07	1890	13
MORT119266-120	2022-02-14 14:07:52.678	12846	1.876499	0.011952	0.190838	0.000430	2749	4	2756	14	100.3	0.4	227	86	1128	-1.6E-07	2749	4
MORT119266-119	2022-02-14 14:07:16.558	12846	2.566341	0.017346	0.131507	0.000546	2117	7	2124	12	100.3	0.5	120	57	553	2.9E-07	2117	7
MORT119266-046	2022-02-14 13:08:42.563	12846	3.807266	0.060753	0.094190	0.000801	1508	16	1514	22	100.3	0.5	45	21	143	6.9E-08	1508	16
MORT119266-047	2022-02-14 13:09:18.829	12846	3.062490	0.036617	0.111152	0.000614	1816	10	1823	19	100.4	0.5	75	36	298	1.8E-08	1816	10
MORT119266-078	2022-02-14 13:34:51.854	12846	3.215744	0.049198	0.107235	0.000926	1749	16	1756	24	100.4	0.8	47	36	288	-1.2E-07	1749	16
MORT119266-028	2022-02-14 12:54:01.839	12846	3.930799	0.077226	0.092015	0.000872	1464	18	1471	25	100.5	1.4	44	60	393	4.9E-07	1464	18
MORT119266-065	2022-02-14 13:26:11.865	12846	3.831357	0.036122	0.093310	0.000719	1491	15	1498	13	100.5	1.2	82	98	673	2.6E-07	1491	15
MORT119266-083	2022-02-14 13:40:55.138	12846	3.077349	0.027781	0.110649	0.000544	1808	9	1818	14	100.5	0.8	124	94	792	-4.7E-08	1808	9
MORT119266-001	2022-02-14 12:33:56.347	12846	3.116851	0.082656	0.110567	0.001072	1804	18	1814	40	100.5	1.1	28	31	255	-5.6E-08	1804	18
MORT119266-007	2022-02-14 12:37:33.690	12846	4.550827	0.235064	0.085347	0.001579	1313	35	1321	59	100.6	0.4	16	6	37	-7.7E-08	1313	35
MORT119266-099	2022-02-14 13:51:23.082	12846	2.958587	0.022821	0.114407	0.000577	1869	9	1880	12	100.6	0.9	106	100	923	-1.6E-07	1869	9
MORT119266-061	2022-02-14 13:23:47.181	12846	3.783983	0.031236	0.093879	0.000548	1505	11	1514	11	100.6	0.5	97	47	320	8.0E-07	1505	11
MORT119266-017	2022-02-14 12:46:35.700	12846	1.896506	0.016634	0.187037	0.000685	2715	6	2732	20	100.6	0.5	91	49	628	-2.1E-07	2715	6
MORT119266-098	2022-02-14 13:50:46.808	12846	3.599164	0.168733	0.100986	0.001570	1636	28	1647	71	100.7	2.2	15	34	265	3.9E-07	1636	28
MORT119266-052	2022-02-14 13:15:20.631	12846	3.915784	0.130455	0.093421	0.001425	1492	30	1503	47	100.7	1.4	21	28	184	5.9E-07	1492	30
MORT119266-004	2022-02-14 12:35:45.260	12846	2.637404	0.029826	0.126996	0.000608	2055	8	2071	20	100.7	1.0	80	76	735	6.8E-07	2055	8
MORT119266-027	2022-02-14 12:53:25.709	12846	3.920412	0.059891	0.091673	0.000778	1457	16	1468	20	100.8	2.3	50	117	761	5.7E-07	1457	16
MORT119266-080	2022-02-14 13:36:04.102	12846	2.993908	0.014583	0.112770	0.000421	1843	7	1858	8	100.8	0.7	220	146	1253	-2.0E-07	1843	7
MORT119266-093	2022-02-14 13:47:45.898	12846	2.642000	0.020723	0.126955	0.000513	2056	7	2072	14	100.8	0.9	123	110	1114	8.5E-08	2056	7
MORT119266-037	2022-02-14 13:02:28.211	12846	3.442932	0.035140	0.100477	0.000636	1631	12	1644	15	100.8	0.4	81	29	211	-7.4E-08	1631	12
MORT119266-006	2022-02-14 12:36:57.522	12846	3.805493	0.056074	0.093785	0.000775	1500	16	1513	20	100.8	0.9	56	49	334	1.2E-07	1500	16
MORT119266-082	2022-02-14 13:40:18.911	12846	2.942641	0.019779	0.114611	0.000415	1872	7	1888	11	100.8	0.7	141	102	897	-1.1E-07	1872	7
MORT119266-102	2022-02-14 13:56:12.272	12846	3.488520	0.024368	0.099532	0.000519	1613	10	1627	10	100.8	0.9	136	124	980	2.7E-07	1613	10
MORT119266-055	2022-02-14 13:17:09.025	12846	2.889518	0.022226	0.116345	0.000558	1899	9	1915	13	100.8	0.7	117	78	668	1.8E-07	1899	9
MORT119266-002	2022-02-14 12:34:32.880	12846	3.939518	0.036923	0.091235	0.000550	1449	11	1462	12	100.8	0.6	86	50	326	-4.3E-07	1449	11
MORT119266-063	2022-02-14 13:24:59.552	12846	3.823740	0.072999	0.093766	0.000896	1499	18	1512	26	100.9	1.3	39	53	368	9.9E-08	1499	18
MORT119266-068	2022-02-14 13:28:00.542	12846	3.820223	0.070192	0.093643	0.001007	1496	20	1509	25	100.9	3.5	38	131	851	2.0E-07	1496	20
MORT119266-095	2022-02-14 13:48:58.321	12846	2.862940	0.024364	0.117576	0.000675	1918	10	1935	14	100.9	0.3	97	33	303	-5.6E-08	1918	10
MORT119266-033	2022-02-14 13:00:03.729	12846	3.899529	0.120361	0.093123	0.001240	1483	25	1496	41	100.9	1.1	23	26	171	-1.5E-07	1483	25
MORT119266-084	2022-02-14 13:41:31.313	12846	3.780219	0.045647	0.093914	0.000693	1503	14	1517	17	100.9	1.6	88	144	991	-5.9E-08	1503	14
MORT119266-034	2022-02-14 13:00:39.895	12846	3.860636	0.086517	0.093154	0.000927	1486	19	1500	29	100.9	1.2	35	41	277	-5.2E-08	1486	19
MORT119266-031	2022-02-14 12:58:51.431	12846	2.877064	0.025653	0.116831	0.000625	1908	9	1927	15	101.0	0.6	83	51	442	3.8E-07	1908	9
MORT119266-056	2022-02-14 13:17:45.157	12846	2.857924	0.022881	0.117563	0.000521	1918	8	1937	14	101.0	0.9	134	115	996	4.2E-07	1918	8
MORT119266-025	2022-02-14 12:52:13.425	12846	3.870783	0.066207	0.092389	0.000819	1471	17	1490	22	101.2	0.9	42	40	263	2.1E-07	1471	17
MORT119266-064	2022-02-14 13:25:35.675	12846	1.886961	0.014867	0.186246	0.000586	2708	5	2743	17	101.3	1.1	113	126	1608	3.0E-07	2708	5
MORT119266-076	2022-02-14 13:33:39.533	12846	1.844730	0.049342	0.194786	0.001671	2780	14	2818	59	101.4	0.6	44	26	346	2.6E-07	2780	14
MORT119266-085	2022-02-14 13:42:07.434	12846	2.988129	0.103775	0.115702	0.001329	1891	22	1917	58	101.4	1.0	21	21	178	4.8E-08	1891	22
MORT119266-077	2022-02-14 13:34:15.726	12846	1.903174	0.038133	0.186096	0.000918	2709	8	2746	45	101.4	0.6	38	24	305	-4.3E-07	2709	8

MORT119266-053	2022-02-14 13:15:56.757	12846		5.137567	0.047265	0.077531	0.000579	1132	15	1148	9	101.4	0.4	102	40	207	-3.1E-08	1132	15
MORT119266-010	2022-02-14 12:39:22.130	12846		3.058447	0.032318	0.109923	0.000533	1798	9	1824	16	101.5	0.7	84	57	458	-4.6E-07	1798	9
MORT119266-009	2022-02-14 12:38:45.994	12846		3.634488	0.029729	0.095936	0.000449	1545	9	1568	12	101.5	0.7	162	111	785	-4.0E-07	1545	9
MORT119266-066	2022-02-14 13:26:48.036	12846		3.107333	0.012544	0.108388	0.000331	1771	6	1798	7	101.5	0.5	364	197	1587	3.6E-07	1771	6
MORT119266-087	2022-02-14 13:43:19.763	12846		3.035344	0.025100	0.110720	0.000528	1810	9	1839	13	101.6	0.3	103	36	309	8.5E-08	1810	9
MORT119266-073	2022-02-14 13:31:51.115	12846		3.487740	0.028158	0.098910	0.000736	1601	14	1628	12	101.7	0.7	88	65	462	2.2E-07	1601	14
MORT119266-038	2022-02-14 13:03:04.402	12846		3.777199	0.080324	0.094017	0.001096	1502	22	1528	29	101.7	1.2	31	36	238	1.6E-07	1502	22
MORT119266-045	2022-02-14 13:08:06.385	12846		2.233475	0.107009	0.158102	0.001701	2431	18	2474	95	101.8	1.0	14	15	162	5.1E-07	2431	18
MORT119266-013	2022-02-14 12:44:11.148	12846		2.888776	0.045306	0.115717	0.000838	1888	13	1924	25	101.9	0.7	45	33	280	-2.3E-08	1888	13
MORT119266-118	2022-02-14 14:06:40.418	12846		3.751884	0.029306	0.093347	0.000584	1494	12	1524	10	102.0	0.8	145	121	839	-1.4E-07	1494	12
MORT119266-020	2022-02-14 12:48:24.095	12846		1.895490	0.013729	0.183099	0.000461	2680	4	2734	16	102.0	0.2	149	30	369	6.4E-08	2680	4
MORT119266-023	2022-02-14 12:51:01.145	12846		3.731441	0.022894	0.093690	0.000425	1500	9	1532	8	102.1	0.4	185	77	517	1.3E-06	1500	9
MORT119266-107	2022-02-14 13:59:13.012	12846		3.881786	0.106838	0.092086	0.001098	1466	23	1497	37	102.2	3.3	28	94	651	1.7E-07	1466	23
MORT119266-032	2022-02-14 12:59:28.466	12846		3.728609	0.035536	0.093637	0.000616	1498	12	1533	13	102.3	0.7	95	63	431	-2.7E-07	1498	12
MORT119266-072	2022-02-14 13:31:15.010	12846		3.734133	0.033435	0.093623	0.000655	1498	13	1533	12	102.3	0.9	102	92	640	-8.9E-08	1498	13
MORT119266-003	2022-02-14 12:35:09.066	12846		3.181939	0.082282	0.106300	0.001100	1732	19	1773	38	102.3	0.5	30	16	127	-4.2E-07	1732	19
MORT119266-103	2022-02-14 13:56:48.466	12846		1.826177	0.017350	0.190943	0.000584	2749	5	2814	21	102.4	1.3	100	132	1905	2.4E-07	2749	5
MORT119266-036	2022-02-14 13:01:52.125	12846		3.766469	0.090643	0.094079	0.000994	1505	20	1541	33	102.4	1.0	33	34	229	3.1E-07	1505	20
MORT119266-049	2022-02-14 13:10:31.111	12846		2.884170	0.044931	0.115284	0.000826	1883	12	1931	27	102.5	0.8	49	37	336	1.6E-07	1883	12
MORT119266-040	2022-02-14 13:04:16.622	12846		3.740630	0.039266	0.093335	0.000648	1492	13	1530	14	102.5	1.0	70	73	491	-3.1E-07	1492	13
MORT119266-024	2022-02-14 12:51:37.306	12846		3.536913	0.116175	0.098674	0.001073	1594	21	1634	46	102.5	2.8	22	60	417	8.8E-07	1594	21
MORT119266-089	2022-02-14 13:44:32.132	12846		3.825014	0.099741	0.092919	0.001094	1480	22	1519	36	102.6	2.7	32	87	586	6.0E-08	1480	22
MORT119266-044	2022-02-14 13:07:30.207	12846		3.834118	0.091358	0.092264	0.001091	1466	23	1507	32	102.8	1.0	32	33	230	4.8E-07	1466	23
MORT119266-108	2022-02-14 13:59:49.175	12846		2.772387	0.043605	0.119051	0.000917	1939	14	1994	26	102.8	0.5	47	25	242	5.6E-07	1939	14
MORT119266-057	2022-02-14 13:18:21.267	12846		3.097621	0.122778	0.109408	0.001759	1783	30	1837	63	103.0	0.5	20	10	80	3.4E-07	1783	30
MORT119266-104	2022-02-14 13:57:24.619	12846		3.665053	0.032657	0.094268	0.000609	1511	12	1558	12	103.1	2.4	101	247	1941	-9.3E-08	1511	12
MORT119266-062	2022-02-14 13:24:23.342	12846		3.690071	0.023662	0.093666	0.000401	1500	8	1547	9	103.2	0.6	167	100	700	3.8E-07	1500	8
MORT119266-026	2022-02-14 12:52:49.548	12846		3.785983	0.105933	0.092859	0.000910	1480	19	1530	36	103.4	1.3	30	39	261	1.0E-08	1480	19
MORT119266-035	2022-02-14 13:01:16.020	12846		3.905894	0.153875	0.090948	0.001459	1441	32	1491	51	103.5	0.8	18	13	91	3.1E-07	1441	32
MORT119266-058	2022-02-14 13:19:04.184	12846		3.066891	0.025567	0.107726	0.000673	1760	11	1821	13	103.5	1.4	156	222	1821	-2.9E-09	1760	11
MORT119266-015	2022-02-14 12:45:23.371	12846		3.711942	0.095524	0.093846	0.001149	1499	23	1552	33	103.5	1.3	28	36	244	-3.3E-08	1499	23
MORT119266-086	2022-02-14 13:42:43.667	12846		3.841564	0.152132	0.093796	0.001224	1497	25	1551	60	103.7	2.4	21	51	351	2.0E-07	1497	25
MORT119266-060	2022-02-14 13:20:09.786	12846		3.704150	0.077366	0.092752	0.000893	1481	18	1559	30	105.2	1.3	42	55	368	-3.9E-07	1481	18
MORT119266-048	2022-02-14 13:09:54.992	12846		3.851480	0.186913	0.092848	0.001677	1471	35	1550	67	105.3	1.6	14	23	157	5.7E-08	1471	35
BREID119271																			
~~BREID119271_006~~	~~2022-03-15 15:45:28.005~~	~~12874~~	~~epoxy~~	~~-8.814966~~	~~143.330209~~	~~0.177263~~	~~0.449637~~	~~3187~~	~~354~~	~~-31~~	~~45~~	~~-1.0~~	~~4.0~~	~~0~~	~~0~~	~~2~~	~~3.7E-07~~	3187	354
~~BREID119271_007~~	~~2022-03-15 15:46:12.130~~	~~12874~~	~~epoxy~~	~~4.336898~~	~~15.888110~~	~~0.607280~~	~~0.368431~~	~~4496~~	~~102~~	~~4~~	~~127~~	~~0.1~~	~~-1.4~~	~~0~~	~~0~~	~~19~~	~~4.4E-07~~	4496	102
BREID119271_013	2022-03-15 15:53:41.426	12874	>10% disc	10.817681	0.121242	0.099223	0.001002	1605	18	573	6	35.7	1.9	1486	2823	5636	2.3E-04	1605	18
BREID119271_027	2022-03-15 16:04:43.819	12874	>10% disc	5.613429	0.160384	0.166650	0.001080	2521	11	1093	29	43.3	7.7	460	3532	2912	2.4E-05	2521	11
BREID119271_038	2022-03-15 16:15:52.006	12874	>10% disc	7.474016	0.067765	0.113149	0.000310	1850	5	811	7	43.8	1.0	1226	1219	4825	4.3E-05	1850	5
BREID119271_074	2022-03-15 16:49:59.640	12874	>10% disc	6.634462	0.032231	0.118630	0.000463	1935	7	906	4	46.8	0.2	792	120	1144	2.2E-05	1935	7
BREID119271_008	2022-03-15 15:46:56.278	12874	>10% disc	6.785523	0.221911	0.101769	0.001201	1650	22	930	29	56.4	1.7	164	284	680	1.1E-05	1650	22
BREID119271_053	2022-03-15 16:30:49.768	12874	>10% disc	3.959277	0.038555	0.170373	0.001273	2559	13	1455	13	56.9	0.3	57	19	422	8.5E-06	2559	13
BREID119271_082	2022-03-15 16:56:37.785	12874	>10% disc	9.781480	0.047776	0.076430	0.000839	1103	22	628	3	56.9	0.8	1880	1474	4635	3.5E-05	1103	22
BREID119271_037	2022-03-15 16:15:08.340	12874	>10% disc	6.684754	0.046372	0.088525	0.000353	1393	8	900	6	64.6	0.8	1851	1572	4704	1.6E-05	1393	8
BREID119271_109	2022-03-15 17:20:18.267	12874	>10% disc	5.623050	0.061119	0.100994	0.003195	1585	56	1061	10	66.9	0.2	780	151	1412	2.5E-05	1585	56
BREID119271_116	2022-03-15 17:28:31.846	12874	>10% disc	5.424702	0.054652	0.098340	0.000728	1589	14	1095	10	68.9	1.6	100	157	347	2.6E-06	1589	14
BREID119271_023	2022-03-15 16:01:47.140	12874	>10% disc	4.293782	0.024697	0.120284	0.000397	1959	6	1350	7	68.9	0.4	614	234	1375	1.3E-05	1959	6
BREID119271_036	2022-03-15 16:14:29.384	12874	>10% disc	6.149093	0.045973	0.089078	0.000237	1405	5	972	7	69.2	0.6	747	477	1440	6.1E-06	1405	5
BREID119271_056	2022-03-15 16:33:01.952	12874	>10% disc	10.806087	0.063173	0.065304	0.000226	783	7	571	3	72.9	0.5	2480	1188	2776	1.0E-05	571	3
BREID119271_112	2022-03-15 17:25:39.916	12874	>10% disc	5.826329	0.138563	0.089076	0.000675	1404	14	1030	22	73.4	1.3	652	844	1281	1.3E-05	1404	14
BREID119271_096	2022-03-15 17:09:59.175	12874	>10% disc	4.142751	0.066363	0.116033	0.000480	1894	7	1407	21	74.3	0.3	327	107	1000	4.1E-06	1894	7
BREID119271_020	2022-03-15 15:58:48.205	12874	>10% disc	3.715464	2.076163	0.125473	0.018313	1981	192	1472	458	74.3	1.2	12	14	72	4.4E-08	1981	192
BREID119271_018	2022-03-15 15:57:20.846	12874	>10% disc	5.480334	0.030281	0.091148	0.000811	1446	16	1081	6	74.8	0.2	1674	295	1229	7.1E-06	1446	16
BREID119271_103	2022-03-15 17:15:52.866	12874	>10% disc	4.919594	0.069592	0.097554	0.000256	1577	5	1199	16	76.1	0.0	989	28	587	1.0E-05	1577	5
BREID119271_102	2022-03-15 17:15:07.687	12874	>10% disc	4.801560	0.211846	0.098718	0.002067	1606	34	1230	56	76.6	2.9	35	100	131	1.8E-06	1606	34
BREID119271_052	2022-03-15 16:29:56.886	12874	>10% disc	4.783148	0.147588	0.097411	0.001901	1571	36	1221	41	77.7	0.1	953	79	659	4.1E-06	1571	36
BREID119271_016	2022-03-15 15:55:51.976	12874	>10% disc	4.388694	0.400837	0.100551	0.001879	1632	34	1366	112	83.7	0.8	255	207	840	4.7E-06	1632	34
BREID119271_093	2022-03-15 17:07:58.057	12874	>10% disc	5.260222	0.044001	0.085016	0.000399	1316	9	1123	8	85.4	0.1	464	31	414	4.2E-06	1316	9
BREID119271_110	2022-03-15 17:24:19.619	12874	>10% disc	3.841444	0.028126	0.106227	0.000646	1734	11	1492	10	86.1	1.0	229	230	764	5.4E-06	1734	11
BREID119271_041	2022-03-15 16:18:49.246	12874		9.154614	0.147465	0.063775	0.001204	715	40	671	10	94.0	0.6	35	22	60	3.7E-08	671	10
BREID119271_032	2022-03-15 16:11:26.245	12874		3.262578	1.743277	0.092402	0.007704	1491	194	1404	268	94.2	0.5	32	17	95	8.4E-07	1491	194
BREID119271_031	2022-03-15 16:10:42.705	12874		3.574883	0.019978	0.102578	0.000334	1670	6	1591	8	95.3	0.6	299	167	965	1.2E-06	1670	6
BREID119271_070	2022-03-15 16:47:02.801	12874		4.141916	0.027708	0.091826	0.000444	1463	9	1396	9	95.4	0.2	107	20	101	4.8E-07	1463	9
BREID119271_094	2022-03-15 17:08:30.836	12874		5.004942	0.026459	0.081446	0.000347	1230	8	1175	6	95.5	0.4	198	77	476	-1.1E-07	1230	8
BREID119271_042	2022-03-15 16:19:33.180	12874		2.789890	0.014034	0.127600	0.000440	2064	6	1976	9	95.7	0.2	313	49	292	7.4E-07	2064	6
BREID119271_090	2022-03-15 17:05:32.076	12874		1.949711	0.034671	0.193586	0.000931	2772	8	2664	44	96.1	0.6	121	69	1335	1.6E-06	2772	8

BREID119271_039	2022-03-15 16:16:37.448	12874	5.119321	0.017394	0.079952	0.000220	1195	5	1151	4	96.3	0.3	601	182	798	1.4E-06	1195	5
BREID119271_120	2022-03-15 17:32:13.012	12874	3.180971	0.014773	0.111844	0.000278	1828	5	1764	7	96.5	0.6	305	171	802	1.3E-06	1828	5
BREID119271_014	2022-03-15 15:54:23.952	12874	10.835614	0.126268	0.059520	0.000363	585	13	568	6	97.2	2.7	1431	3893	8027	-5.9E-07	568	6
BREID119271_057	2022-03-15 16:33:40.508	12874	11.229624	0.075302	0.059131	0.000441	567	16	551	4	97.3	1.4	140	201	393	-1.5E-08	551	4
BREID119271_029	2022-03-15 16:06:12.406	12874	2.699116	0.024682	0.129513	0.000492	2090	7	2035	16	97.4	1.0	132	128	807	3.6E-07	2090	7
BREID119271_044	2022-03-15 16:21:02.824	12874	2.878949	0.019180	0.120458	0.000510	1962	8	1924	11	98.1	1.0	136	137	975	1.1E-06	1962	8
BREID119271_001	2022-03-15 15:41:47.008	12874	3.132489	0.019810	0.111205	0.000534	1818	9	1788	10	98.4	1.0	112	110	663	1.2E-06	1818	9
BREID119271_119	2022-03-15 17:30:44.521	12874	3.205245	0.011742	0.108827	0.000316	1779	5	1751	6	98.5	0.8	258	210	1357	5.2E-08	1779	5
BREID119271_048	2022-03-15 16:23:59.850	12874	5.010210	0.017030	0.079826	0.000226	1191	6	1174	4	98.5	0.4	320	130	612	-5.0E-09	1191	6
BREID119271_047	2022-03-15 16:23:15.408	12874	4.840390	0.032120	0.081376	0.000377	1230	9	1212	7	98.6	0.1	174	16	76	2.6E-07	1230	9
BREID119271_085	2022-03-15 16:58:49.528	12874	4.779544	0.027740	0.081998	0.000203	1244	5	1227	7	98.6	0.4	632	254	1657	1.2E-06	1244	5
BREID119271_040	2022-03-15 16:17:21.610	12874	5.641046	0.025101	0.074766	0.000323	1060	9	1052	4	99.2	0.0	247	4	18	5.2E-07	1060	9
BREID119271_035	2022-03-15 16:13:40.722	12874	3.870878	0.019545	0.093404	0.000381	1494	8	1483	7	99.2	0.6	216	128	710	8.5E-07	1494	8
BREID119271_045	2022-03-15 16:21:47.001	12874	10.742830	0.037489	0.059392	0.000365	578	13	574	2	99.4	0.6	221	127	255	-1.3E-07	574	2
BREID119271_118	2022-03-15 17:29:59.055	12874	3.973827	0.032627	0.091503	0.000477	1456	10	1447	11	99.4	0.1	235	16	73	-1.8E-07	1456	10
BREID119271_095	2022-03-15 17:09:15.025	12874	2.052430	0.019380	0.171938	0.000552	2575	5	2561	20	99.4	1.0	58	60	831	2.5E-07	2575	5
BREID119271_089	2022-03-15 17:01:46.296	12874	3.355545	0.015573	0.103742	0.000205	1691	4	1682	7	99.5	0.5	438	210	2245	5.7E-07	1691	4
BREID119271_097	2022-03-15 17:10:43.275	12874	1.867123	0.015804	0.195145	0.000530	2785	4	2772	19	99.5	0.7	68	48	595	1.9E-07	2785	4
BREID119271_078	2022-03-15 16:52:56.255	12874	5.773968	0.039975	0.073891	0.000482	1035	13	1030	6	99.5	0.4	112	47	206	1.8E-07	1035	13
BREID119271_005	2022-03-15 15:44:43.762	12874	3.262192	0.013372	0.106036	0.000422	1731	7	1724	6	99.6	2.8	174	479	2938	1.2E-07	1731	7
BREID119271_098	2022-03-15 17:11:27.091	12874	4.697442	0.029053	0.082100	0.000350	1247	9	1245	7	99.8	0.4	248	91	512	1.6E-07	1247	9
BREID119271_105	2022-03-15 17:17:20.683	12874	11.156374	0.057558	0.058649	0.000347	554	14	554	3	99.9	1.3	338	442	919	-2.9E-07	554	3
BREID119271_033	2022-03-15 16:12:12.429	12874	10.392047	0.033766	0.059731	0.000332	592	12	593	2	100.0	2.7	325	865	1865	-2.1E-08	593	2
BREID119271_117	2022-03-15 17:29:16.083	12874	4.970917	0.071493	0.079641	0.000718	1186	18	1187	15	100.1	0.8	64	53	105	2.0E-07	1186	18
BREID119271_092	2022-03-15 17:07:01.731	12874	10.600676	0.091589	0.059461	0.000594	581	21	582	5	100.2	1.5	141	208	681	3.5E-07	582	5
BREID119271_100	2022-03-15 17:13:40.227	12874	5.187004	0.017735	0.077543	0.000228	1134	6	1137	4	100.3	0.9	369	343	1437	3.9E-08	1134	6
BREID119271_046	2022-03-15 16:22:31.146	12874	3.553091	0.014113	0.098531	0.000376	1595	7	1600	6	100.3	0.3	185	63	389	-1.3E-07	1595	7
BREID119271_043	2022-03-15 16:20:18.650	12874	5.959197	0.033810	0.072549	0.000434	998	12	1001	5	100.3	2.3	91	213	790	3.1E-07	1001	5
BREID119271_072	2022-03-15 16:48:29.992	12874	4.729013	0.029754	0.081466	0.000323	1232	8	1238	7	100.5	1.0	192	184	864	-2.6E-07	1232	8
BREID119271_049	2022-03-15 16:24:44.020	12874	11.287541	0.054211	0.058492	0.000410	545	16	548	3	100.5	1.0	178	177	347	5.1E-07	548	3
BREID119271_055	2022-03-15 16:32:11.962	12874	3.798002	0.015387	0.093603	0.000258	1499	5	1508	5	100.6	0.6	227	125	705	2.6E-08	1499	5
BREID119271_079	2022-03-15 16:53:40.377	12874	3.879731	0.016249	0.092110	0.000237	1468	5	1479	6	100.7	0.6	355	209	1112	4.2E-07	1468	5
BREID119271_064	2022-03-15 16:39:33.562	12874	4.576628	0.017879	0.082816	0.000259	1264	6	1275	5	100.9	0.0	624	8	55	1.0E-06	1264	6
BREID119271_099	2022-03-15 17:12:11.839	12874	2.133467	0.012290	0.160480	0.000394	2460	4	2481	12	100.9	1.2	108	131	1324	-1.7E-07	2460	4
BREID119271_062	2022-03-15 16:38:04.178	12874	3.595984	0.029573	0.097111	0.000393	1568	8	1584	11	101.0	0.5	266	143	784	4.1E-07	1568	8
BREID119271_051	2022-03-15 16:29:14.935	12874	3.064989	0.023257	0.110110	0.000481	1800	8	1819	12	101.1	0.6	67	37	239	4.1E-07	1800	8
BREID119271_054	2022-03-15 16:31:27.474	12874	10.219432	0.047005	0.059827	0.000429	592	16	602	3	101.7	1.3	175	224	522	5.8E-08	602	3
BREID119271_113	2022-03-15 17:26:18.390	12874	3.443546	0.025482	0.099774	0.000473	1618	9	1646	11	101.7	0.5	82	44	255	6.1E-07	1618	9
BREID119271_069	2022-03-15 16:43:15.166	12874	3.095546	0.019307	0.108703	0.000342	1776	6	1807	10	101.7	0.5	135	68	340	5.1E-07	1776	6
BREID119271_083	2022-03-15 16:57:21.321	12874	4.537949	0.026177	0.082746	0.000378	1262	9	1285	7	101.9	0.3	223	58	370	4.1E-07	1262	9
BREID119271_071	2022-03-15 16:47:47.002	12874	1.770147	0.010546	0.201406	0.000447	2837	4	2890	14	101.9	0.5	87	42	501	4.4E-08	2837	4
BREID119271_058	2022-03-15 16:34:24.833	12874	2.055574	0.018268	0.164915	0.000473	2506	5	2556	19	102.0	0.9	122	113	1133	7.5E-07	2506	5
BREID119271_034	2022-03-15 16:12:56.548	12874	3.359734	0.023471	0.101290	0.000451	1647	8	1683	11	102.2	1.0	76	79	458	5.3E-09	1647	8
BREID119271_060	2022-03-15 16:36:37.419	12874	3.606514	0.015640	0.095880	0.000246	1544	5	1578	6	102.2	0.7	443	307	1932	-1.1E-08	1544	5
BREID119271_066	2022-03-15 16:41:00.938	12874	3.420007	0.017234	0.099750	0.000292	1618	5	1654	7	102.2	0.8	433	357	1819	5.0E-07	1618	5
BREID119271_101	2022-03-15 17:14:24.426	12874	4.218803	0.017273	0.086194	0.000257	1342	6	1372	5	102.3	0.5	274	143	752	7.7E-09	1342	6
BREID119271_063	2022-03-15 16:38:49.862	12874	3.630212	0.029674	0.095421	0.000509	1534	10	1570	11	102.4	1.0	60	61	366	2.2E-07	1534	10
BREID119271_107	2022-03-15 17:18:49.931	12874	4.610398	0.022517	0.081649	0.000227	1236	5	1267	6	102.5	0.4	416	151	659	5.9E-07	1236	5
BREID119271_073	2022-03-15 16:49:15.477	12874	3.225291	0.019168	0.104298	0.000281	1701	5	1743	9	102.5	0.8	200	166	1060	6.5E-08	1701	5
BREID119271_080	2022-03-15 16:55:08.829	12874	4.863611	0.025110	0.079248	0.000338	1177	8	1206	6	102.5	0.4	183	68	340	-1.2E-07	1177	8
BREID119271_067	2022-03-15 16:41:46.517	12874	3.693245	0.014521	0.093962	0.000298	1506	6	1545	6	102.6	0.9	204	185	1040	1.4E-07	1506	6
BREID119271_009	2022-03-15 15:47:39.835	12874	5.676112	0.022050	0.073228	0.000373	1020	10	1046	4	102.6	2.1	285	592	2216	-3.4E-07	1020	10
BREID119271_068	2022-03-15 16:42:30.808	12874	3.445334	0.017499	0.098871	0.000361	1602	7	1644	7	102.6	0.6	193	124	839	2.6E-07	1602	7
BREID119271_021	2022-03-15 16:00:18.857	12874	1.728368	0.022005	0.206560	0.000677	2878	5	2955	30	102.7	0.6	45	29	337	3.2E-07	2878	5
BREID119271_111	2022-03-15 17:24:50.834	12874	2.849799	0.019230	0.115840	0.000419	1891	7	1942	11	102.7	0.6	135	84	637	2.7E-07	1891	7
BREID119271_077	2022-03-15 16:52:10.963	12874	3.047130	0.018090	0.108992	0.000355	1781	6	1831	9	102.8	1.2	179	214	1451	2.5E-06	1781	6
BREID119271_010	2022-03-15 15:48:24.702	12874	10.973834	0.034877	0.058545	0.000316	547	12	562	2	102.8	1.3	319	422	841	-1.8E-07	562	2
BREID119271_104	2022-03-15 17:16:37.316	12874	4.909157	0.021087	0.078696	0.000334	1162	8	1196	5	102.9	0.4	188	74	357	1.6E-07	1162	8
BREID119271_050	2022-03-15 16:25:28.183	12874	3.133607	0.017069	0.106229	0.000402	1734	7	1787	9	103.0	0.7	99	70	469	8.0E-08	1734	7
BREID119271_019	2022-03-15 15:58:07.556	12874	10.720050	0.030521	0.058800	0.000260	557	10	575	2	103.2	0.8	550	443	989	3.2E-07	575	2
BREID119271_114	2022-03-15 17:27:03.498	12874	1.873610	0.010465	0.182360	0.000375	2673	3	2760	13	103.2	0.7	125	93	919	9.6E-08	2673	3
BREID119271_028	2022-03-15 16:05:28.271	12874	10.571893	0.041776	0.058940	0.000239	564	9	583	2	103.5	0.6	456	278	595	-3.3E-07	583	2
BREID119271_011	2022-03-15 15:52:20.008	12874	3.584432	0.013482	0.095351	0.000298	1534	6	1587	5	103.5	0.5	254	129	791	5.2E-07	1534	6
BREID119271_025	2022-03-15 16:03:14.553	12874	3.211659	0.016569	0.103646	0.000332	1689	6	1748	8	103.5	1.3	369	489	3672	7.0E-07	1689	6
BREID119271_030	2022-03-15 16:06:56.721	12874	1.828456	0.012172	0.187692	0.000501	2721	4	2817	15	103.5	1.3	83	104	1138	3.0E-07	2721	4
BREID119271_024	2022-03-15 16:02:31.357	12874	3.329134	0.037427	0.100796	0.000700	1636	13	1700	17	103.9	0.8	42	35	231	1.3E-07	1636	13
BREID119271_026	2022-03-15 16:03:59.712	12874	4.007654	0.020657	0.087994	0.000348	1380	8	1438	7	104.1	0.6	145	88	482	1.8E-07	1380	8
BREID119271_108	2022-03-15 17:19:34.109	12874	3.745682	0.019592	0.091768	0.000311	1461	6	1526	7	104.5	0.7	173	123	634	-1.1E-07	1461	6

BREID119271_115	2022-03-15 17:27:47.643	12874		3.346784	0.019285	0.099323	0.000333	1610	6	1686	8	104.7	0.5	161	86	524	1.3E-07	1610	6
BREID119271_004	2022-03-15 15:43:59.548	12874		3.763853	0.023266	0.091307	0.000485	1451	10	1520	8	104.8	0.7	89	61	310	-4.2E-08	1451	10
BREID119271_084	2022-03-15 16:58:05.406	12874		3.790482	0.030866	0.090894	0.000450	1443	9	1512	11	104.8	0.5	75	37	275	1.6E-07	1443	9
BREID119271_075	2022-03-15 16:50:43.794	12874		5.582679	0.092638	0.073474	0.000876	1016	24	1072	17	105.5	0.6	32	19	76	-1.2E-07	1016	24
BREID119271_022	2022-03-15 16:01:03.035	12874		4.736880	0.015340	0.078967	0.000250	1170	6	1235	4	105.6	0.4	312	137	660	3.7E-07	1170	6
BREID119271_106	2022-03-15 17:18:05.735	12874		10.797312	0.097363	0.058434	0.000420	543	16	573	5	105.6	1.4	169	235	453	1.4E-07	573	5
BREID119271_061	2022-03-15 16:37:20.235	12874		4.279351	0.114366	0.084982	0.001180	1304	27	1378	36	105.7	0.9	18	16	79	-1.4E-07	1304	27
BREID119271_076	2022-03-15 16:51:25.879	12874		5.126314	0.212885	0.076282	0.001941	1097	48	1160	45	105.8	0.6	309	187	660	3.0E-07	1097	48
BREID119271_065	2022-03-15 16:40:18.198	12874		4.608562	0.025298	0.079961	0.000424	1193	10	1266	7	106.1	0.9	101	88	424	5.3E-08	1193	10
BREID119271_017	2022-03-15 15:56:36.541	12874		10.210612	0.146024	0.059162	0.000713	569	27	605	8	106.3	1.0	96	92	202	1.2E-07	605	8
BREID119271_059	2022-03-15 16:35:09.077	12874		10.296602	0.066306	0.058966	0.000394	563	15	599	4	106.4	1.8	179	322	786	-2.4E-07	599	4
BREID119271_003	2022-03-15 15:43:15.382	12874		5.975215	0.059955	0.070646	0.000690	940	20	1001	9	106.6	0.6	46	27	87	-2.6E-07	1001	9
BREID119271_002	2022-03-15 15:42:29.499	12874		4.211883	0.134611	0.084938	0.001283	1305	30	1396	39	107.0	1.6	17	28	113	-2.7E-07	1305	30
BREID119271_091	2022-03-15 17:06:16.023	12874		1.534552	0.180904	0.235873	0.007298	3089	47	3308	285	107.1	1.7	45	75	420	1.7E-06	3089	47
BREID119271_012	2022-03-15 15:52:57.137	12874		5.179669	0.017535	0.074101	0.000194	1043	5	1138	3	109.1	0.1	550	30	122	4.5E-07	1043	5
~~BREID119271_087~~	~~2022-03-15 17:00:17.877~~	~~12874~~	~~not zircon?~~	~~0.386508~~	~~0.119668~~	~~0.824311~~	~~0.005504~~	~~4930~~	~~8~~	~~5383~~	~~818~~	~~109.2~~	~~1.2~~	~~2~~	~~2~~	~~1081~~	~~2.0E-05~~	4930	8
BREID119271_015	2022-03-15 15:55:07.959	12874	>10% disc	5.181506	0.122967	0.073306	0.000849	1020	23	1143	25	112.1	0.5	156	78	295	4.7E-07	1020	23
BREID119271_081	2022-03-15 16:55:51.145	12874	>10% disc	2.592314	0.082994	0.115629	0.001071	1892	17	2138	61	113.0	0.0	20	1	11	5.8E-07	1892	17
BREID119271_086	2022-03-15 16:59:32.134	12874	>10% disc	5.011545	0.063926	0.061989	0.001261	662	45	1176	14	177.6	0.6	111	68	405	-2.1E-06	1176	14
BREID119271_088	2022-03-15 17:01:18.184	12874	>10% disc	3.825268	0.115826	0.065955	0.000968	799	31	1497	39	187.2	0.8	50	39	240	-1.8E-06	1497	39
SMAL119273																			
~~SMAL119273_032~~	~~2022-03-15 18:02:45.517~~	~~12874~~	~~no signal~~	~~-4.827849~~	~~8.875886~~	~~1.003899~~	~~0.109810~~	~~4647~~	~~84~~	~~66~~	~~201~~	~~1.4~~	~~38.9~~	~~0~~	~~0~~	~~36~~	~~1.3E-06~~	4647	84
SMAL119273_101	2022-03-15 19:06:04.432	12874	>10% disc	7.803115	0.307806	0.300702	0.010441	3417	55	843	35	24.7	1.7	1115	1932	13832	2.7E-04	3417	55
SMAL119273_012	2022-03-15 17:44:18.146	12874	>10% disc	12.661001	0.116650	0.074860	0.000400	1063	11	491	4	46.1	1.6	1363	2168	3366	1.3E-05	1063	11
SMAL119273_023	2022-03-15 17:52:59.980	12874	>10% disc	7.353550	0.072474	0.091203	0.000395	1449	8	824	8	56.9	0.8	1422	1085	4072	1.0E-05	1449	8
SMAL119273_078	2022-03-15 18:44:34.903	12874	>10% disc	7.295262	0.077323	0.089096	0.000436	1405	9	830	8	59.0	0.4	1103	396	988	1.1E-05	1405	9
SMAL119273_022	2022-03-15 17:52:21.919	12874	>10% disc	5.850822	0.053206	0.099183	0.000539	1607	10	1019	9	63.4	0.4	543	191	1034	9.0E-06	1607	10
SMAL119273_109	2022-03-15 19:11:57.962	12874	>10% disc	5.911115	0.079321	0.095171	0.000350	1530	7	1010	13	66.0	1.1	489	543	2103	3.3E-06	1530	7
SMAL119273_037	2022-03-15 18:06:31.671	12874	>10% disc	6.700929	0.037781	0.083968	0.000256	1291	6	897	5	69.5	0.8	829	638	1992	2.3E-06	1291	6
SMAL119273_102	2022-03-15 19:06:48.669	12874	>10% disc	8.749661	0.103290	0.072898	0.000209	1010	6	702	8	69.6	0.4	839	336	800	2.2E-06	1010	6
SMAL119273_110	2022-03-15 19:12:40.911	12874	>10% disc	6.999954	0.092651	0.080930	0.000449	1218	11	863	11	70.9	0.3	1282	372	1562	5.5E-06	1218	11
SMAL119273_030	2022-03-15 17:58:15.351	12874	>10% disc	6.836513	0.042182	0.077853	0.000299	1142	8	880	5	77.1	0.4	735	287	864	2.9E-06	1142	8
SMAL119273_093	2022-03-15 18:59:35.819	12874	>10% disc	5.575962	0.043587	0.086290	0.000404	1343	9	1065	8	79.3	0.7	493	353	1209	1.4E-06	1343	9
SMAL119273_055	2022-03-15 18:23:42.814	12874	>10% disc	7.088635	0.053759	0.073138	0.000318	1016	9	852	6	83.9	0.7	527	343	1004	1.9E-06	1016	9
SMAL119273_011	2022-03-15 17:43:33.345	12874	>10% disc	5.347201	0.053035	0.083299	0.000300	1275	7	1108	10	86.9	0.7	473	318	1370	4.2E-06	1275	7
SMAL119273_069	2022-03-15 18:34:52.057	12874	>10% disc	4.500566	0.043470	0.090859	0.000416	1442	9	1295	11	89.8	0.5	606	289	1376	1.0E-06	1442	9
SMAL119273_083	2022-03-15 18:48:55.207	12874		5.078465	0.036333	0.083576	0.000349	1281	8	1160	8	90.6	0.7	456	301	1421	2.3E-06	1281	8
SMAL119273_028	2022-03-15 17:56:55.791	12874		5.711128	0.037213	0.077990	0.000353	1145	9	1040	7	90.8	0.1	462	49	137	5.7E-07	1145	9
SMAL119273_059	2022-03-15 18:26:31.297	12874		6.071262	0.097588	0.075273	0.000368	1075	10	985	14	91.7	0.3	1148	317	1636	9.3E-07	1075	10
SMAL119273_075	2022-03-15 18:42:13.493	12874		5.128532	0.171786	0.082167	0.000747	1248	18	1154	35	92.4	0.8	509	396	2317	5.9E-07	1248	18
SMAL119273_064	2022-03-15 18:31:01.321	12874		4.032170	0.022263	0.095420	0.000287	1535	6	1430	7	93.1	0.6	291	182	1173	-1.2E-07	1535	6
SMAL119273_119	2022-03-15 19:22:25.543	12874		2.374627	0.023324	0.157942	0.000580	2433	6	2269	19	93.3	1.5	147	220	2467	2.3E-07	2433	6
SMAL119273_061	2022-03-15 18:28:47.052	12874		3.521988	0.244395	0.108182	0.006979	1751	113	1634	94	93.3	0.6	136	80	495	2.8E-06	1751	113
SMAL119273_111	2022-03-15 19:16:31.490	12874		4.998751	0.071547	0.082331	0.000408	1254	10	1180	16	94.1	0.3	510	149	678	1.3E-06	1254	10
SMAL119273_031	2022-03-15 18:02:10.494	12874		5.257114	0.028107	0.079782	0.000603	1189	15	1123	5	94.5	0.3	400	123	631	1.5E-06	1189	15
SMAL119273_017	2022-03-15 17:47:49.801	12874		3.659071	0.026693	0.101211	0.000411	1645	7	1560	10	94.8	1.0	177	181	1142	3.8E-07	1645	7
SMAL119273_025	2022-03-15 17:54:29.830	12874		4.521243	0.043961	0.086639	0.000631	1348	14	1293	12	95.9	0.9	69	60	373	-3.1E-07	1348	14
SMAL119273_115	2022-03-15 19:19:28.947	12874		3.677269	0.031598	0.099430	0.000430	1612	8	1553	12	96.4	0.4	620	225	1321	3.3E-06	1612	8
SMAL119273_108	2022-03-15 19:11:13.660	12874		5.935838	0.035576	0.074023	0.000418	1039	11	1005	6	96.8	0.6	134	78	322	5.7E-07	1039	11
SMAL119273_068	2022-03-15 18:33:56.603	12874		4.822360	0.049580	0.082452	0.000400	1255	9	1217	11	97.0	0.4	368	151	838	3.8E-07	1255	9
SMAL119273_001	2022-03-15 17:32:55.366	12874		3.027535	0.034004	0.116189	0.000458	1897	7	1842	18	97.1	0.7	370	242	1909	1.6E-06	1897	7
SMAL119273_094	2022-03-15 19:00:08.377	12874		4.063494	0.027980	0.091266	0.000398	1450	8	1419	9	97.9	0.9	137	126	744	2.2E-07	1450	8
SMAL119273_029	2022-03-15 17:57:26.528	12874		5.102488	0.046826	0.079438	0.000532	1179	13	1157	10	98.1	0.5	62	29	142	-2.0E-08	1179	13
SMAL119273_045	2022-03-15 18:13:07.160	12874		3.681381	0.024480	0.097477	0.000261	1575	5	1551	9	98.5	0.4	462	182	1237	7.2E-07	1575	5
SMAL119273_103	2022-03-15 19:07:32.837	12874		6.104088	0.058450	0.072352	0.000542	992	15	980	9	98.8	1.4	98	132	564	-5.1E-08	980	9
SMAL119273_050	2022-03-15 18:16:48.076	12874		3.378835	0.017583	0.103760	0.000298	1691	5	1673	8	98.9	0.5	211	115	869	-2.9E-08	1691	5
SMAL119273_067	2022-03-15 18:33:14.097	12874		4.735549	0.025429	0.081968	0.000170	1244	4	1236	6	99.4	0.3	768	261	1391	6.5E-07	1244	4
SMAL119273_052	2022-03-15 18:21:30.401	12874		3.569453	0.023124	0.098898	0.000327	1602	6	1594	9	99.5	1.1	241	267	1858	-6.3E-08	1602	6
SMAL119273_086	2022-03-15 18:51:08.564	12874		3.678099	0.022054	0.096596	0.000217	1559	4	1552	8	99.6	0.5	414	225	1434	4.5E-07	1559	4
SMAL119273_060	2022-03-15 18:27:17.222	12874		3.677420	0.019645	0.096658	0.000272	1559	5	1552	7	99.6	0.0	475	10	107	9.8E-07	1559	5
SMAL119273_076	2022-03-15 18:42:59.541	12874		3.318515	0.015531	0.104471	0.000319	1704	6	1699	7	99.8	0.6	176	109	805	2.5E-08	1704	6
SMAL119273_006	2022-03-15 17:36:37.969	12874		5.984286	0.035649	0.072553	0.000397	999	11	997	5	99.8	0.2	180	30	111	-3.3E-07	997	5
SMAL119273_088	2022-03-15 18:52:37.038	12874		5.206306	0.028990	0.077621	0.000364	1135	9	1134	6	99.9	0.3	196	67	310	1.2E-07	1135	9
SMAL119273_054	2022-03-15 18:22:51.893	12874		3.111758	0.016300	0.109969	0.000288	1798	5	1798	8	100.0	0.5	199	90	722	1.2E-07	1798	5
SMAL119273_091	2022-03-15 18:57:55.729	12874		3.817741	0.027086	0.093767	0.000439	1501	9	1502	10	100.0	0.7	92	66	421	1.1E-06	1501	9
SMAL119273_107	2022-03-15 19:10:29.469	12874		2.932385	0.035527	0.116179	0.000559	1896	9	1898	19	100.1	1.2	49	60	483	-1.6E-07	1896	9
SMAL119273_085	2022-03-15 18:50:24.232	12874		3.085718	0.015545	0.110614	0.000245	1808	4	1811	8	100.1	0.8	354	280	2087	4.3E-07	1808	4

SMAL119273_082	2022-03-15 18:48:11.571	12874	3.413175	0.026482	0.101662	0.000436	1655	8	1659	11	100.2	0.9	71	63	416	-9.5E-08	1655	8
SMAL119273_079	2022-03-15 18:45:11.982	12874	6.171627	0.031433	0.071298	0.000315	966	9	969	5	100.4	0.5	205	105	419	2.1E-07	969	5
SMAL119273_002	2022-03-15 17:33:41.354	12874	4.233339	0.020024	0.087097	0.000246	1361	5	1367	6	100.4	0.6	355	217	1106	4.9E-07	1361	5
SMAL119273_044	2022-03-15 18:12:22.876	12874	6.224584	0.039328	0.071136	0.000444	958	13	962	6	100.5	0.3	93	29	119	-3.2E-07	962	6
SMAL119273_039	2022-03-15 18:07:55.173	12874	3.686747	0.017664	0.095563	0.000250	1538	5	1548	7	100.6	0.4	351	124	756	3.3E-07	1538	5
SMAL119273_034	2022-03-15 18:04:13.954	12874	4.800898	0.023291	0.080711	0.000350	1212	9	1221	5	100.7	0.8	169	141	758	3.4E-07	1212	9
SMAL119273_049	2022-03-15 18:16:03.880	12874	3.675812	0.018179	0.095740	0.000255	1541	5	1553	7	100.7	0.6	260	166	1162	6.9E-08	1541	5
SMAL119273_081	2022-03-15 18:47:27.393	12874	3.912655	0.061305	0.092087	0.000670	1465	14	1476	21	100.7	1.4	32	44	259	3.0E-07	1465	14
SMAL119273_084	2022-03-15 18:49:39.978	12874	3.938465	0.042426	0.091315	0.000567	1451	12	1463	14	100.8	0.9	56	48	294	5.6E-07	1451	12
SMAL119273_026	2022-03-15 17:55:14.000	12874	3.367322	0.016331	0.102194	0.000325	1663	6	1677	7	100.9	1.0	213	211	1499	2.2E-07	1663	6
SMAL119273_041	2022-03-15 18:10:10.293	12874	4.260836	0.029341	0.086581	0.000305	1350	7	1362	9	100.9	0.4	213	76	425	5.3E-07	1350	7
SMAL119273_113	2022-03-15 19:18:01.531	12874	3.521238	0.022336	0.098782	0.000413	1599	8	1613	9	100.9	0.8	99	80	530	-1.7E-07	1599	8
SMAL119273_070	2022-03-15 18:35:26.719	12874	3.083332	0.016160	0.109861	0.000258	1796	4	1813	8	100.9	0.4	235	100	794	5.8E-08	1796	4
SMAL119273_087	2022-03-15 18:51:53.955	12874	3.884305	0.019122	0.091917	0.000245	1464	5	1478	6	100.9	0.7	425	318	1974	1.4E-07	1464	5
SMAL119273_095	2022-03-15 19:00:51.740	12874	3.089041	0.019260	0.109632	0.000289	1792	5	1810	10	101.0	0.5	262	129	968	1.0E-07	1792	5
SMAL119273_072	2022-03-15 18:40:02.612	12874	3.338832	0.017144	0.102690	0.000231	1672	4	1690	7	101.1	0.5	275	144	1028	2.9E-08	1672	4
SMAL119273_008	2022-03-15 17:38:05.148	12874	3.849230	0.025943	0.092380	0.000262	1474	5	1490	9	101.1	1.5	330	479	2883	4.9E-08	1474	5
SMAL119273_074	2022-03-15 18:41:31.139	12874	3.839564	0.019510	0.092434	0.000227	1475	5	1493	7	101.2	0.6	352	207	1277	-5.3E-08	1475	5
SMAL119273_009	2022-03-15 17:38:50.785	12874	4.345916	0.029566	0.085265	0.000420	1321	10	1338	8	101.2	0.3	99	26	141	7.8E-08	1321	10
SMAL119273_073	2022-03-15 18:40:46.830	12874	3.765690	0.020054	0.093705	0.000326	1501	7	1520	7	101.2	0.6	162	93	599	-3.6E-07	1501	7
SMAL119273_010	2022-03-15 17:39:34.898	12874	4.992694	0.086920	0.079192	0.000834	1171	21	1186	19	101.3	0.9	25	21	104	-1.1E-07	1171	21
SMAL119273_077	2022-03-15 18:43:43.737	12874	5.764760	0.038449	0.073293	0.000360	1019	10	1033	6	101.4	0.5	155	70	295	-7.3E-08	1019	10
SMAL119273_089	2022-03-15 18:53:21.235	12874	5.068417	0.035247	0.078134	0.000473	1147	12	1163	8	101.4	0.5	93	49	244	5.7E-08	1147	12
SMAL119273_007	2022-03-15 17:37:22.406	12874	3.745468	0.025627	0.093970	0.000440	1505	9	1527	9	101.4	1.0	93	91	535	3.0E-07	1505	9
SMAL119273_005	2022-03-15 17:36:02.693	12874	3.568959	0.021175	0.097246	0.000359	1571	7	1594	8	101.5	1.4	275	397	2318	2.0E-07	1571	7
SMAL119273_099	2022-03-15 19:03:49.209	12874	4.837099	0.031781	0.079945	0.000451	1194	11	1212	7	101.5	0.4	99	41	210	-1.7E-08	1194	11
SMAL119273_038	2022-03-15 18:07:10.916	12874	5.823688	0.028277	0.072837	0.000309	1007	9	1023	5	101.5	0.5	232	112	493	-1.7E-07	1007	9
SMAL119273_035	2022-03-15 18:04:57.065	12874	4.689710	0.029584	0.081363	0.000287	1229	7	1248	7	101.6	0.3	222	72	389	1.7E-08	1229	7
SMAL119273_071	2022-03-15 18:39:18.403	12874	3.786784	0.027398	0.093046	0.000395	1487	8	1512	10	101.7	0.3	145	43	278	9.5E-07	1487	8
SMAL119273_048	2022-03-15 18:15:19.689	12874	3.876153	0.023856	0.091642	0.000458	1458	10	1482	8	101.7	0.5	105	52	355	1.7E-07	1458	10
SMAL119273_042	2022-03-15 18:10:52.821	12874	4.564590	0.136263	0.083605	0.001135	1277	27	1299	35	101.7	0.7	31	21	136	4.6E-07	1277	27
SMAL119273_003	2022-03-15 17:34:24.190	12874	3.334457	0.027476	0.102338	0.000470	1665	8	1693	12	101.7	0.7	128	92	680	2.4E-07	1665	8
SMAL119273_058	2022-03-15 18:25:48.652	12874	3.935996	0.037639	0.090635	0.000572	1437	12	1462	13	101.8	1.0	56	55	344	-3.6E-08	1437	12
SMAL119273_020	2022-03-15 17:50:02.442	12874	3.294798	0.022674	0.103259	0.000322	1682	6	1712	10	101.8	0.9	180	155	1054	-3.2E-07	1682	6
SMAL119273_056	2022-03-15 18:24:20.291	12874	4.713224	0.018632	0.080950	0.000189	1219	5	1241	4	101.8	1.0	522	517	2719	-8.5E-08	1219	5
SMAL119273_036	2022-03-15 18:05:42.551	12874	4.243254	0.020323	0.086128	0.000220	1340	5	1365	6	101.9	0.2	506	124	718	-2.1E-07	1340	5
SMAL119273_051	2022-03-15 18:20:39.224	12874	5.849800	0.033082	0.072546	0.000387	1000	11	1019	5	101.9	0.3	134	41	189	8.8E-07	1019	5
SMAL119273_116	2022-03-15 19:20:14.139	12874	5.652526	0.032180	0.073709	0.000340	1031	9	1051	5	101.9	0.3	205	70	322	-2.1E-07	1031	9
SMAL119273_097	2022-03-15 19:02:20.778	12874	4.904900	0.031497	0.079215	0.000378	1175	9	1198	7	102.0	0.4	131	49	251	2.7E-07	1175	9
SMAL119273_053	2022-03-15 18:22:07.790	12874	3.737419	0.022110	0.093629	0.000382	1500	8	1530	8	102.0	0.4	140	56	390	2.9E-08	1500	8
SMAL119273_066	2022-03-15 18:32:29.688	12874	3.644436	0.029881	0.095478	0.000522	1535	10	1566	12	102.0	0.4	79	30	221	8.8E-07	1535	10
SMAL119273_080	2022-03-15 18:45:56.196	12874	4.909739	0.024685	0.079018	0.000276	1171	7	1196	6	102.1	0.3	256	69	339	-6.4E-08	1171	7
SMAL119273_043	2022-03-15 18:11:53.396	12874	3.258359	0.036728	0.103778	0.000478	1692	9	1728	17	102.2	1.7	164	281	2065	4.0E-06	1692	9
SMAL119273_057	2022-03-15 18:25:04.515	12874	4.753329	0.023128	0.080392	0.000257	1205	6	1232	5	102.2	0.6	287	165	904	2.6E-08	1205	6
SMAL119273_092	2022-03-15 18:58:39.985	12874	3.608093	0.020631	0.095853	0.000227	1544	4	1579	8	102.3	0.4	343	147	1004	-4.0E-08	1544	4
SMAL119273_090	2022-03-15 18:54:05.423	12874	4.087174	0.035216	0.088072	0.000473	1381	10	1415	11	102.5	0.8	73	61	359	-2.0E-07	1381	10
SMAL119273_065	2022-03-15 18:31:45.482	12874	3.707804	0.026700	0.093711	0.000304	1502	6	1540	10	102.5	0.5	299	160	1095	3.0E-07	1502	6
SMAL119273_106	2022-03-15 19:09:45.331	12874	4.307937	0.024689	0.084955	0.000305	1314	7	1347	7	102.5	0.6	190	105	618	1.6E-07	1314	7
SMAL119273_033	2022-03-15 18:03:29.688	12874	4.246992	0.018724	0.085692	0.000323	1329	7	1364	5	102.6	0.4	158	63	365	2.7E-07	1329	7
SMAL119273_016	2022-03-15 17:47:05.615	12874	4.184929	0.031285	0.086612	0.000512	1349	11	1385	9	102.7	1.5	61	90	496	-2.7E-10	1349	11
SMAL119273_112	2022-03-15 19:17:17.321	12874	4.989408	0.025226	0.078076	0.000265	1147	7	1178	5	102.7	0.4	289	108	519	-2.9E-07	1147	7
SMAL119273_024	2022-03-15 17:53:45.623	12874	3.398837	0.022201	0.099852	0.000362	1620	7	1663	9	102.7	0.6	113	66	484	3.9E-09	1620	7
SMAL119273_015	2022-03-15 17:46:21.350	12874	4.323738	0.053942	0.085119	0.000627	1314	14	1350	16	102.8	0.7	42	31	164	2.8E-07	1314	14
SMAL119273_046	2022-03-15 18:13:51.337	12874	3.223690	0.014779	0.104028	0.000303	1696	5	1743	7	102.8	0.6	192	120	964	5.3E-09	1696	5
SMAL119273_100	2022-03-15 19:04:32.749	12874	6.007850	0.080159	0.071502	0.000797	966	23	995	12	103.0	0.6	60	38	159	9.4E-08	995	12
SMAL119273_047	2022-03-15 18:14:35.489	12874	5.681028	0.027901	0.073071	0.000254	1014	7	1046	5	103.2	0.6	346	215	1000	4.4E-07	1014	7
SMAL119273_004	2022-03-15 17:35:09.715	12874	3.408241	0.024751	0.099254	0.000425	1608	8	1660	11	103.2	0.9	97	84	526	-6.9E-08	1608	8
SMAL119273_040	2022-03-15 18:08:39.321	12874	4.604345	0.021527	0.081312	0.000279	1228	7	1268	5	103.2	0.2	261	59	308	1.6E-08	1228	7
SMAL119273_117	2022-03-15 19:20:58.445	12874	4.827250	0.038740	0.079193	0.000412	1174	10	1217	9	103.6	0.3	86	27	144	-1.7E-07	1174	10
SMAL119273_062	2022-03-15 18:29:32.998	12874	5.782656	0.044360	0.072263	0.000477	992	13	1030	7	103.8	0.6	86	51	223	-4.0E-07	1030	7
SMAL119273_098	2022-03-15 19:03:03.492	12874	3.691583	0.076297	0.093371	0.000622	1494	13	1551	28	103.8	0.0	301	7	61	1.4E-07	1494	13
SMAL119273_118	2022-03-15 19:21:44.130	12874	4.442433	0.035554	0.082744	0.000199	1262	5	1312	9	104.0	0.5	534	279	1544	-1.7E-07	1262	5
SMAL119273_114	2022-03-15 19:18:45.686	12874	3.803103	0.094602	0.091588	0.001160	1452	24	1512	32	104.2	0.9	23	20	122	3.2E-07	1452	24
SMAL119273_104	2022-03-15 19:08:17.011	12874	3.753097	0.040198	0.091920	0.000636	1462	13	1527	14	104.4	1.0	53	54	355	-3.5E-07	1462	13
SMAL119273_013	2022-03-15 17:44:53.041	12874	3.466447	0.038293	0.097329	0.000584	1571	11	1641	17	104.5	0.9	44	41	262	-1.4E-07	1571	11
SMAL119273_019	2022-03-15 17:49:18.300	12874	4.178962	0.022139	0.085299	0.000362	1320	8	1383	7	104.8	0.7	139	94	501	1.6E-07	1320	8
SMAL119273_105	2022-03-15 19:09:01.125	12874	3.380859	0.038234	0.098672	0.000525	1598	10	1675	17	104.9	0.9	49	45	320	-1.1E-07	1598	10
SMAL119273_120	2022-03-15 19:23:09.471	12874	3.484682	0.030117	0.096141	0.000430	1549	8	1627	12	105.0	0.3	241	64	494	1.1E-07	1549	8

SMAL119273_021	2022-03-15 17:51:33.070	12874		6.085870	0.076410	0.070424	0.000793	936	23	986	12	105.4	0.6	44	26	105	1.3E-07	986	12
SMAL119273_014	2022-03-15 17:45:37.162	12874		4.442998	0.022153	0.081640	0.000331	1236	8	1309	6	105.9	0.4	170	71	352	7.2E-08	1236	8
SMAL119273_063	2022-03-15 18:30:17.137	12874		4.512187	0.030913	0.080926	0.000304	1218	7	1292	8	106.1	0.3	173	60	340	3.6E-07	1218	7
SMAL119273_096	2022-03-15 19:01:36.656	12874		3.329473	0.021558	0.098705	0.000361	1598	7	1696	10	106.1	0.2	165	40	296	2.3E-08	1598	7
SMAL119273_018	2022-03-15 17:48:34.080	12874		4.704921	0.029575	0.078889	0.000354	1167	9	1245	7	106.6	0.3	130	39	181	-1.6E-07	1167	9
SMAL119273_027	2022-03-15 17:55:58.123	12874		4.321444	0.045467	0.081653	0.000533	1234	13	1348	13	109.3	0.3	67	23	171	1.3E-07	1234	13
NYB119251																			
~~NYB119251_52~~	~~2022-09-21 16:39:05.512~~	~~13150~~	~~tripped~~	~~-1194.234319~~	~~100.331767~~	~~0.800367~~	~~0.005607~~	~~4913~~	~~9~~	~~-7~~	~~1~~	~~-0.1~~	~~0.7~~	~~56~~	~~38~~	~~-11~~	~~-2.172E-06~~	~~4913~~	~~9~~
~~NYB119251_51~~	~~2022-09-21 16:38:25.389~~	~~13150~~	~~tripped~~	~~34304.775364~~	~~2828.539848~~	~~0.917275~~	~~0.013472~~	~~4918~~	~~24~~	~~0~~	~~0~~	~~0.0~~	~~0.5~~	~~844~~	~~425~~	~~5~~	~~3.322E-07~~	~~4918~~	~~24~~
NYB119251_23	2022-09-20 13:16:46.803	13146	>10% disc.	20.021236	0.298731	0.167926	0.000961	2535	10	316	4	12.5	2.1	1553	3337	5246	1.313E-05	2535	10
NYB119251_34	2022-09-21 16:19:05.390	13150	>10% disc.	17.446584	0.122509	0.139346	0.000759	2218	9	359	3	16.2	2.3	675	1584	1983	4.773E-06	2218	9
NYB119251_21	2022-09-20 13:15:28.599	13146	>10% disc.	10.954494	0.177227	0.149095	0.000531	2334	6	567	9	24.3	2.2	1262	2727	3480	2.136E-06	2334	6
NYB119251_11	2022-09-20 13:06:41.840	13146	>10% disc.	8.581347	0.096604	0.204943	0.001443	2863	11	714	7	25.0	1.6	1029	1636	4021	9.488E-06	2863	11
NYB119251_22	2022-09-20 13:16:19.049	13146	>10% disc.	7.979705	0.190886	0.213197	0.001907	2928	14	763	18	26.1	1.2	195	243	1865	5.418E-06	2928	14
NYB119251_36	2022-09-21 16:25:30.264	13150	>10% disc.	6.658009	0.081457	0.157224	0.002023	2422	22	904	10	37.3	0.9	243	224	839	4.014E-06	2422	22
NYB119251_58	2022-09-21 16:44:13.866	13150	>10% disc.	5.893229	0.126759	0.176334	0.001302	2617	12	1018	20	38.9	1.4	337	477	1251	2.937E-06	2617	12
NYB119251_54	2022-09-21 16:40:25.457	13150	>10% disc.	5.607863	0.064556	0.182556	0.003133	2675	28	1060	11	39.6	0.8	1029	815	3646	1.13E-05	2675	28
NYB119251_59	2022-09-21 16:44:46.253	13150	>10% disc.	5.393713	0.124710	0.185127	0.000915	2698	8	1106	23	41.0	1.6	621	994	2993	5.808E-06	2698	8
NYB119251_43	2022-09-21 16:31:12.139	13150	>10% disc.	6.241323	0.088522	0.124856	0.001083	2024	15	961	13	47.5	0.5	834	424	1524	3.719E-06	2024	15
NYB119251_27	2022-09-21 16:13:20.529	13150	>10% disc.	4.625296	0.047267	0.137423	0.000750	2193	9	1265	12	57.7	0.5	281	131	1057	4.177E-06	2193	9
NYB119251_33	2022-09-21 16:18:18.172	13150	>10% disc.	4.560846	0.104229	0.135575	0.001287	2170	17	1281	26	59.1	0.4	520	211	1266	6.814E-06	2170	17
NYB119251_41	2022-09-21 16:29:42.198	13150	>10% disc.	4.586997	0.080612	0.121545	0.000863	1978	13	1274	20	64.4	1.0	742	750	2794	5.863E-06	1978	13
NYB119251_31	2022-09-21 16:16:59.245	13150	>10% disc.	3.921111	0.042463	0.134640	0.000742	2158	10	1467	15	68.0	0.4	267	112	617	3.604E-06	2158	10
NYB119251_9	2022-09-20 13:04:32.022	13146	>10% disc.	3.893325	0.110382	0.123300	0.001448	2001	21	1486	37	74.3	0.8	34	27	229	1.779E-07	2001	21
NYB119251_45	2022-09-21 16:32:23.321	13150	>10% disc.	3.408049	0.053769	0.139096	0.000811	2215	10	1662	23	75.1	0.6	249	143	889	8.585E-07	2215	10
NYB119251_18	2022-09-20 13:12:30.001	13146	>10% disc.	4.017490	0.046234	0.114038	0.000518	1863	8	1437	15	77.1	0.7	291	208	1260	7.195E-07	1863	8
NYB119251_44	2022-09-21 16:31:49.161	13150	>10% disc.	3.554816	0.034929	0.125827	0.000585	2039	8	1601	14	78.5	0.6	120	66	509	5.11E-07	2039	8
NYB119251_64	2022-09-21 16:54:00.487	13150	>10% disc.	3.610318	0.027023	0.121400	0.000484	1976	7	1576	11	79.8	0.3	293	75	4233	2.791E-07	1976	7
NYB119251_62	2022-09-21 16:52:42.747	13150	>10% disc.	3.933103	0.040793	0.103070	0.000681	1679	12	1462	13	87.1	1.3	319	409	7006	1.14E-06	1679	12
NYB119251_66	2022-09-21 16:56:20.090	13150		3.281228	0.031435	0.116516	0.000652	1902	10	1717	14	90.3	0.4	118	43	268	7.385E-07	1902	10
NYB119251_5	2022-09-20 12:56:00.163	13146		2.997136	0.039193	0.126193	0.000815	2044	11	1859	21	90.9	0.5	330	177	1633	3.766E-07	2044	11
NYB119251_42	2022-09-21 16:30:22.719	13150		4.444742	0.027194	0.089508	0.000434	1413	9	1309	7	92.6	0.9	91	82	467	2.662E-07	1413	9
NYB119251_37	2022-09-21 16:26:06.415	13150		2.733715	0.029546	0.134227	0.000467	2153	6	2012	19	93.5	0.7	126	86	670	1.433E-07	2153	6
NYB119251_47	2022-09-21 16:34:44.276	13150		3.002029	0.029199	0.122280	0.000423	1988	6	1859	16	93.5	0.3	135	42	365	3.954E-07	1988	6
NYB119251_63	2022-09-21 16:53:17.813	13150		4.364093	0.040986	0.089407	0.000527	1411	11	1332	11	94.4	0.4	137	57	1914	2.661E-07	1411	11
NYB119251_32	2022-09-21 16:17:37.644	13150		3.932635	0.023852	0.095484	0.000384	1536	8	1462	8	95.1	0.5	330	180	1104	4.846E-07	1536	8
NYB119251_60	2022-09-21 16:45:27.117	13150		4.933599	0.025893	0.082077	0.000300	1246	7	1190	6	95.5	0.5	303	166	802	1.886E-07	1246	7
NYB119251_40	2022-09-21 16:28:02.343	13150		3.058490	0.020533	0.116683	0.000354	1905	5	1826	11	95.9	0.7	187	132	1143	5.026E-08	1905	5
NYB119251_35	2022-09-21 16:19:38.200	13150		3.034257	0.046300	0.117234	0.000859	1913	13	1839	24	96.1	0.2	173	38	340	3.805E-07	1913	13
NYB119251_65	2022-09-21 16:54:31.180	13150		1.896536	0.012127	0.201333	0.000597	2836	5	2732	14	96.3	0.7	154	111	8616	3.061E-08	2836	5
NYB119251_55	2022-09-21 16:41:17.390	13150		3.072027	0.029345	0.115090	0.000601	1880	9	1815	16	96.6	0.4	187	75	682	-4.923E-08	1880	9
NYB119251_38	2022-09-21 16:26:41.899	13150		3.044180	0.015561	0.116162	0.000365	1897	6	1833	8	96.6	0.2	209	46	364	-8.862E-08	1897	6
NYB119251_15	2022-09-20 13:09:22.954	13146		1.949044	0.016842	0.192336	0.000627	2761	5	2674	19	96.8	1.0	148	152	2041	7.679E-08	2761	5
NYB119251_28	2022-09-21 16:13:57.659	13150		2.732083	0.014447	0.128374	0.000349	2075	5	2010	9	96.9	0.9	214	198	1913	8.849E-08	2075	5
NYB119251_56	2022-09-21 16:42:59.077	13150		2.851808	0.052394	0.122061	0.000742	1985	11	1943	29	97.9	0.8	203	161	1561	4.185E-07	1985	11
NYB119251_25	2022-09-20 13:18:07.108	13146		2.822608	0.029010	0.123360	0.000774	2003	11	1961	18	97.9	0.8	49	38	339	1.235E-07	2003	11
NYB119251_14	2022-09-20 13:08:47.458	13146		2.049918	0.016004	0.175536	0.000678	2611	7	2564	17	98.2	0.4	124	55	556	2.353E-07	2611	7
NYB119251_8	2022-09-20 13:03:45.314	13146		2.665750	0.027381	0.129850	0.000535	2095	7	2059	18	98.3	0.7	207	152	1520	-8.534E-08	2095	7
NYB119251_17	2022-09-20 13:11:56.916	13146		1.880830	0.035438	0.197632	0.001199	2806	10	2759	46	98.3	1.5	119	180	2648	1.4E-06	2806	10
NYB119251_26	2022-09-20 13:18:47.455	13146		2.925354	0.018107	0.117798	0.000364	1922	6	1897	10	98.7	0.4	238	96	809	1.444E-07	1922	6
NYB119251_61	2022-09-21 16:51:50.571	13150		2.938897	0.016334	0.117246	0.000360	1913	5	1889	9	98.7	0.3	260	78	976	1.506E-07	1913	5
NYB119251_30	2022-09-21 16:15:17.988	13150		2.919614	0.015639	0.117842	0.000382	1923	6	1900	9	98.8	0.2	202	48	439	1.581E-07	1923	6
NYB119251_24	2022-09-20 13:17:26.857	13146		1.864709	0.013572	0.195450	0.000566	2788	5	2772	16	99.4	1.0	163	164	2269	1.205E-07	2788	5
NYB119251_2	2022-09-20 12:54:02.712	13146		2.824543	0.023792	0.120650	0.000486	1965	7	1957	14	99.6	0.3	266	78	724	1.148E-07	1965	7
NYB119251_50	2022-09-21 16:36:44.324	13150		2.870710	0.019775	0.118101	0.000445	1927	7	1928	11	100.1	0.0	396	11	151	3.023E-06	1927	7
NYB119251_13	2022-09-20 13:08:02.853	13146		2.996135	0.033048	0.113710	0.000633	1858	10	1860	18	100.1	1.4	221	318	3184	-2.899E-08	1858	10
NYB119251_46	2022-09-21 16:34:03.746	13150		3.605682	0.019535	0.097582	0.000409	1577	8	1579	8	100.2	0.3	112	37	250	-8.881E-08	1577	8
NYB119251_39	2022-09-21 16:27:22.061	13150		2.848979	0.013701	0.118646	0.000381	1935	6	1941	8	100.3	0.3	121	35	327	3.731E-08	1935	6
NYB119251_4	2022-09-20 12:55:21.328	13146		3.547890	0.028175	0.098456	0.000462	1595	8	1604	11	100.5	0.4	161	70	562	2.68E-07	1595	8
NYB119251_6	2022-09-20 13:02:22.197	13146		2.098820	0.032010	0.165526	0.000913	2511	9	2528	32	100.7	0.6	34	20	267	-4.888E-08	2511	9
NYB119251_7	2022-09-20 13:03:02.377	13146		2.943798	0.072906	0.116220	0.001137	1894	18	1913	41	101.0	0.9	22	21	196	-6.954E-08	1894	18
NYB119251_1	2022-09-20 12:53:20.453	13146		2.877389	0.019693	0.116780	0.000394	1906	6	1926	11	101.0	1.8	207	367	3609	1.911E-07	1906	6
NYB119251_16	2022-09-20 13:11:04.621	13146		2.902565	0.077350	0.117712	0.001011	1921	15	1945	46	101.2	0.9	21	18	181	1.784E-07	1921	15
NYB119251_10	2022-09-20 13:05:02.787	13146		2.754991	0.017767	0.121152	0.000452	1973	6	1999	11	101.3	0.9	160	151	1527	3.92E-08	1973	6
NYB119251_19	2022-09-20 13:13:05.111	13146		3.061506	0.020277	0.109698	0.000377	1793	6	1824	10	101.8	0.1	224	27	245	1.092E-07	1793	6
NYB119251_57	2022-09-21 16:43:26.673	13150		3.010144	0.027459	0.111197	0.000648	1817	11	1851	14	101.8	0.3	56	17	170	1.745E-07	1817	11

NYB119251_12	2022-09-20 13:07:23.473	13146		2.735182	0.021066	0.121053	0.000486	1970	7	2012	13	102.1	0.6	152	85	866	4.694E-08	1970	7
NYB119251_20	2022-09-20 13:13:53.674	13146		2.900056	0.113253	0.117091	0.001557	1907	24	1951	65	102.3	0.8	18	14	138	7.378E-08	1907	24
NYB119251_29	2022-09-21 16:14:37.814	13150		3.729656	0.022518	0.093474	0.000432	1496	9	1533	8	102.5	0.8	93	73	539	-3.728E-08	1496	9
NYB119251_3	2022-09-20 12:54:43.238	13146		1.720147	0.017622	0.198686	0.000698	2814	6	2961	24	105.2	0.8	100	81	1302	2.011E-07	2814	6
NYB119251_48	2022-09-21 16:35:24.145	13150		2.681830	0.013273	0.118567	0.000509	1933	8	2043	9	105.7	0.5	226	116	972	-9.572E-07	1933	8
NYB119256																			
~~NYB119256_24~~	~~2022-09-20 16:29:23.519~~	~~13147~~	~~tripped~~	~~-178911.409665~~	~~25135.368586~~	~~1.303976~~	~~0.895199~~	~~2620~~	~~851~~	~~0~~	~~0~~	~~0.0~~	~~2.6~~	~~42~~	~~108~~	~~0~~	~~2.155E-07~~	~~2620~~	~~851~~
~~NYB119256_23~~	~~2022-09-20 16:28:43.309~~	~~13147~~	~~tripped~~	~~-261296.201256~~	~~51767.741079~~	~~-0.232493~~	~~0.404353~~	~~1944~~	~~991~~	~~0~~	~~0~~	~~0.0~~	~~1.1~~	~~218~~	~~238~~	~~0~~	~~-2.474E-07~~	~~1944~~	~~991~~
~~NYB119256_22~~	~~2022-09-20 16:28:03.007~~	~~13147~~	~~tripped~~	~~71492.507327~~	~~2820.336857~~	~~-0.554941~~	~~0.315976~~	~~3828~~	~~425~~	~~0~~	~~0~~	~~0.0~~	~~1.1~~	~~74~~	~~80~~	~~0~~	~~6.249E-07~~	~~3828~~	~~425~~
~~NYB119256_21~~	~~2022-09-20 16:27:22.948~~	~~13147~~	~~tripped~~	~~-129671.445300~~	~~64475.056119~~	~~-5.309420~~	~~9.858667~~	~~4665~~	~~108~~	~~18~~	~~25~~	~~0.4~~	~~1.6~~	~~822~~	~~1332~~	~~1273~~	~~1.559E-05~~	~~4665~~	~~108~~
NYB119256_114	2022-09-21 15:57:05.369	13150	>10% disc.	30.702984	0.426246	0.338300	0.001892	3654	9	207	3	5.7	2.2	2087	4675	7654	0.0001282	3654	9
NYB119256_12	2022-09-20 13:33:08.449	13146	>10% disc.	13.606328	0.791769	0.191049	0.002823	2747	24	484	31	17.6	1.4	1435	2034	5191	0.0001702	2747	24
NYB119256_96	2022-09-21 15:37:11.332	13150	>10% disc.	10.481458	0.145071	0.182688	0.001590	2676	14	588	8	22.0	1.5	542	799	2876	6.873E-06	2676	14
NYB119256_31	2022-09-20 16:36:40.808	13147	>10% disc.	12.003603	0.747672	0.154442	0.001539	2393	17	543	31	22.7	1.3	1399	1858	3567	3.642E-05	2393	17
NYB119256_73	2022-09-21 15:12:05.705	13150	>10% disc.	10.963696	0.207617	0.123192	0.001319	2001	19	564	10	28.2	1.2	1705	1983	4928	1.193E-05	2001	19
NYB119256_39	2022-09-20 16:43:02.949	13147	>10% disc.	8.305808	0.049435	0.172821	0.000968	2584	9	733	4	28.4	1.0	748	715	2237	7.722E-06	2584	9
NYB119256_27	2022-09-20 16:33:01.025	13147	>10% disc.	8.654948	0.146443	0.134241	0.000944	2151	12	713	12	33.1	1.0	638	640	1410	4.097E-06	2151	12
NYB119256_128	2022-09-21 16:09:43.884	13150	>10% disc.	9.369906	0.171603	0.114080	0.000586	1864	9	656	11	35.2	1.1	961	1071	3229	5.712E-06	1864	9
NYB119256_94	2022-09-21 15:34:31.385	13150	>10% disc.	5.488073	0.125923	0.232681	0.001971	3069	13	1082	23	35.2	1.4	727	1012	6937	3.08E-05	3069	13
NYB119256_80	2022-09-21 15:17:08.599	13150	>10% disc.	6.786958	0.145739	0.165118	0.002053	2506	21	887	17	35.4	1.0	1200	1140	3528	8.442E-06	2506	21
NYB119256_124	2022-09-21 16:05:51.307	13150	>10% disc.	10.180913	0.125034	0.103285	0.000738	1682	13	606	7	36.0	1.0	1284	1223	3633	1.071E-05	1682	13
NYB119256_48	2022-09-20 16:55:06.891	13147	>10% disc.	7.422478	0.111038	0.123039	0.000908	2002	14	817	12	40.8	0.9	384	356	806	3.009E-06	2002	14
NYB119256_47	2022-09-20 16:54:27.886	13147	>10% disc.	5.988280	0.057082	0.126899	0.001398	2053	19	996	9	48.5	0.8	254	211	603	2.582E-06	2053	19
NYB119256_111	2022-09-21 15:55:06.739	13150	>10% disc.	5.693933	0.096580	0.127659	0.000655	2065	9	1046	16	50.7	0.8	450	365	1816	4.221E-06	2065	9
NYB119256_125	2022-09-21 16:06:25.850	13150	>10% disc.	5.555595	0.053886	0.130224	0.000747	2099	10	1070	10	51.0	1.3	596	790	3048	4.853E-06	2099	10
NYB119256_85	2022-09-21 15:21:35.627	13150	>10% disc.	5.989758	0.103874	0.117392	0.000665	1915	10	997	15	52.0	0.7	616	449	1156	2.361E-06	1915	10
NYB119256_19	2022-09-20 13:38:47.491	13146	>10% disc.	8.854611	0.318695	0.089168	0.003567	1358	87	726	30	53.4	1.0	395	405	680	-2.735E-06	1358	87
NYB119256_103	2022-09-21 15:43:34.961	13150	>10% disc.	6.008280	0.075396	0.111798	0.001507	1826	25	994	11	54.5	1.1	322	351	1304	2.409E-06	1826	25
NYB119256_93	2022-09-21 15:33:51.169	13150	>10% disc.	5.100792	0.128566	0.131041	0.002701	2109	36	1157	27	54.8	0.3	981	332	1659	7.426E-06	2109	36
NYB119256_42	2022-09-20 16:50:08.617	13147	>10% disc.	5.113960	0.034973	0.128859	0.000772	2081	11	1153	7	55.4	0.7	484	358	1478	4.22E-06	2081	11
NYB119256_28	2022-09-20 16:33:43.324	13147	>10% disc.	6.262852	0.129066	0.104977	0.000414	1713	7	965	18	56.4	0.6	454	255	1047	2.394E-06	1713	7
NYB119256_113	2022-09-21 15:56:23.746	13150	>10% disc.	5.103714	0.100565	0.124774	0.000664	2024	9	1161	21	57.4	0.7	493	341	1294	4.675E-06	2024	9
NYB119256_126	2022-09-21 16:08:11.167	13150	>10% disc.	3.965222	0.192481	0.169105	0.005825	2541	55	1467	67	57.7	1.3	20	27	103	8.962E-07	2541	55
NYB119256_29	2022-09-20 16:34:22.093	13147	>10% disc.	3.328452	0.081517	0.201493	0.001321	2837	11	1711	37	60.3	1.0	62	64	221	6.269E-07	2837	11
NYB119256_106	2022-09-21 15:46:28.271	13150	>10% disc.	3.458129	0.151165	0.179668	0.002804	2648	26	1650	59	62.3	0.9	211	195	1436	8.22E-07	2648	26
NYB119256_109	2022-09-21 15:48:27.157	13150	>10% disc.	4.768865	0.170892	0.121045	0.000624	1971	9	1241	39	63.0	0.6	715	401	1327	7.162E-06	1971	9
NYB119256_117	2022-09-21 16:00:04.010	13150	>10% disc.	4.304073	0.094528	0.129735	0.000936	2093	13	1356	26	64.8	0.8	385	310	1575	3.423E-06	2093	13
NYB119256_55	2022-09-21 14:51:41.683	13150	>10% disc.	4.423171	0.068348	0.119280	0.000430	1944	6	1321	18	67.9	0.7	431	290	1276	1.604E-06	1944	6
NYB119256_57	2022-09-21 14:54:07.876	13150	>10% disc.	3.768186	0.077003	0.137756	0.000767	2198	10	1529	27	69.6	0.6	329	202	1332	1.259E-06	2198	10
NYB119256_58	2022-09-21 14:54:51.854	13150	>10% disc.	2.333073	0.038862	0.246894	0.001186	3164	8	2305	32	72.9	2.8	88	249	1361	5.708E-06	3164	8
NYB119256_116	2022-09-21 15:59:24.560	13150	>10% disc.	3.515327	0.063711	0.136979	0.001218	2186	16	1625	25	74.3	0.7	310	213	1689	3.668E-06	2186	16
NYB119256_71	2022-09-21 15:10:51.376	13150	>10% disc.	3.936007	0.047372	0.119343	0.000622	1945	9	1462	16	75.2	0.7	271	191	1381	1.341E-06	1945	9
NYB119256_121	2022-09-21 16:03:46.424	13150	>10% disc.	3.886255	0.036748	0.112942	0.000342	1846	5	1479	12	80.1	0.7	570	426	2269	2.276E-06	1846	5
NYB119256_65	2022-09-21 15:00:37.877	13150	>10% disc.	3.641413	0.030863	0.119237	0.000545	1944	8	1563	12	80.4	0.2	435	79	617	1.396E-06	1944	8
NYB119256_46	2022-09-20 16:53:42.243	13147	>10% disc.	3.893944	0.022336	0.110142	0.000521	1800	9	1473	8	81.8	1.0	153	159	863	8.33E-07	1800	9
NYB119256_51	2022-09-21 14:48:56.536	13150	>10% disc.	3.479094	0.041556	0.122068	0.000520	1986	8	1629	18	82.1	0.6	240	155	946	1.378E-06	1986	8
NYB119256_50	2022-09-20 16:56:28.599	13147	>10% disc.	3.335439	0.026658	0.124073	0.000550	2014	8	1691	12	83.9	0.6	269	159	1283	8.973E-07	2014	8
NYB119256_69	2022-09-21 15:08:15.567	13150	>10% disc.	2.230679	0.022305	0.198762	0.000731	2815	6	2392	19	85.0	0.6	75	42	440	4.631E-07	2815	6
NYB119256_45	2022-09-20 16:52:06.020	13147	>10% disc.	2.134977	0.026444	0.212769	0.001430	2925	11	2485	25	85.0	0.6	39	22	244	5.915E-07	2925	11
NYB119256_78	2022-09-21 15:15:59.398	13150	>10% disc.	2.299182	0.036904	0.189012	0.001121	2732	10	2335	31	85.4	0.8	146	119	1312	1.422E-06	2732	10
NYB119256_110	2022-09-21 15:49:23.307	13150	>10% disc.	3.198074	0.097905	0.126510	0.001590	2049	22	1758	48	85.8	0.6	178	106	851	5.373E-06	2049	22
NYB119256_43	2022-09-20 16:50:44.645	13147	>10% disc.	2.131650	0.015967	0.203741	0.000910	2856	7	2479	15	86.8	1.0	107	102	1143	4.735E-07	2856	7
NYB119256_38	2022-09-20 16:42:23.599	13147	>10% disc.	3.271884	0.054753	0.121079	0.000559	1971	8	1725	24	87.5	0.8	280	221	1589	1.112E-06	1971	8
NYB119256_13	2022-09-20 13:33:51.064	13146	>10% disc.	3.235447	0.050309	0.121620	0.000733	1978	11	1743	23	88.1	0.7	130	95	742	-1.945E-06	1978	11
NYB119256_37	2022-09-20 16:41:43.424	13147	>10% disc.	2.241074	0.007122	0.184496	0.000563	2693	5	2379	6	88.3	0.2	271	48	589	1.043E-06	2693	5
NYB119256_56	2022-09-21 14:53:26.305	13150	>10% disc.	3.023588	0.024559	0.127566	0.000528	2063	7	1844	13	89.4	0.7	136	90	719	2.917E-07	2063	7
NYB119256_77	2022-09-21 15:15:07.873	13150	>10% disc.	2.013378	0.015402	0.210080	0.000728	2906	6	2603	16	89.6	0.8	178	147	1965	5.619E-07	2906	6
NYB119256_131	2022-09-21 16:12:52.566	13150		2.823142	0.037401	0.133156	0.001349	2139	17	1956	22	91.5	0.5	89	48	453	1.578E-06	2139	17
NYB119256_120	2022-09-21 16:02:00.206	13150		3.109849	0.050375	0.120618	0.000809	1964	12	1807	25	92.0	0.7	25	18	160	2.057E-07	1964	12
NYB119256_66	2022-09-21 15:06:15.216	13150		3.108402	0.051905	0.119269	0.000569	1944	9	1797	24	92.4	0.1	533	68	547	6.911E-07	1944	9
NYB119256_9	2022-09-20 13:30:12.343	13146		2.001974	0.014356	0.197083	0.000593	2801	5	2615	15	93.3	0.1	194	28	234	4.468E-07	2801	5
NYB119256_17	2022-09-20 13:37:24.675	13146		3.124041	0.028450	0.116743	0.000603	1905	9	1793	15	94.1	0.6	221	137	1223	3.571E-08	1905	9
NYB119256_118	2022-09-21 16:00:47.487	13150		3.031068	0.026880	0.119293	0.000438	1945	7	1840	14	94.6	0.6	338	204	1890	7.471E-07	1945	7
NYB119256_130	2022-09-21 16:11:00.659	13150		2.867603	0.034055	0.125908	0.000623	2040	9	1932	20	94.7	1.8	116	204	2087	5.698E-07	2040	9
NYB119256_5	2022-09-20 13:26:29.672	13146		2.837703	0.048701	0.126695	0.000766	2051	11	1951	29	95.1	0.6	241	149	1351	4.59E-07	2051	11
NYB119256_122	2022-09-21 16:04:25.238	13150		1.968339	0.044839	0.195772	0.001175	2790	10	2656	48	95.2	0.8	141	113	1263	4.881E-07	2790	10

NYB119256_112	2022-09-21 15:55:46.841	13150	2.962910	0.032385	0.120915	0.000699	1969	10	1877	17	95.3	0.5	271	136	958	6.321E-07	1969	10
NYB119256_16	2022-09-20 13:36:45.059	13146	2.859151	0.030517	0.125117	0.000683	2031	9	1937	18	95.4	1.5	159	232	3407	2.748E-07	2031	9
NYB119256_18	2022-09-20 13:38:04.698	13146	2.898213	0.060796	0.123476	0.001377	2005	20	1915	35	95.5	0.4	112	48	682	4.672E-07	2005	20
NYB119256_83	2022-09-21 15:20:15.183	13150	1.895048	0.025694	0.203585	0.000884	2854	7	2738	31	95.9	0.7	119	85	1103	2.523E-07	2854	7
NYB119256_99	2022-09-21 15:38:57.446	13150	3.606886	0.024594	0.101100	0.000360	1643	7	1579	10	96.1	0.4	649	248	1948	4.016E-07	1643	7
NYB119256_40	2022-09-20 16:43:44.748	13147	1.997034	0.012060	0.186867	0.000654	2714	6	2618	13	96.5	0.5	180	88	829	1.173E-06	2714	6
NYB119256_3	2022-09-20 13:25:11.879	13146	2.912756	0.021378	0.120882	0.000454	1968	7	1906	12	96.8	0.6	233	145	1397	6.812E-08	1968	7
NYB119256_107	2022-09-21 15:47:16.242	13150	2.754299	0.029611	0.127156	0.000564	2058	8	2000	19	97.2	1.0	104	105	1079	6.352E-07	2058	8
NYB119256_25	2022-09-20 16:30:03.675	13147	2.965585	0.021097	0.118219	0.000549	1928	8	1876	12	97.3	0.6	61	39	363	4.095E-06	1928	8
NYB119256_87	2022-09-21 15:28:44.277	13150	2.762740	0.036595	0.126575	0.000649	2050	9	1996	23	97.4	0.4	194	70	773	1.717E-07	2050	9
NYB119256_88	2022-09-21 15:29:35.561	13150	1.881179	0.025312	0.200118	0.000922	2826	8	2753	30	97.4	0.4	166	68	989	6.216E-07	2826	8
NYB119256_64	2022-09-21 14:59:46.577	13150	2.940651	0.020472	0.118928	0.000358	1939	5	1890	11	97.5	0.8	206	155	1601	8.449E-08	1939	5
NYB119256_26	2022-09-20 16:32:22.059	13147	1.846921	0.010760	0.204483	0.000694	2861	6	2789	13	97.5	0.3	71	19	292	8.537E-08	2861	6
NYB119256_105	2022-09-21 15:44:42.448	13150	5.144016	0.043397	0.079261	0.000284	1177	7	1148	9	97.5	0.0	582	5	34	2.766E-08	1177	7
NYB119256_53	2022-09-21 14:50:25.852	13150	2.056410	0.018482	0.176391	0.000818	2618	8	2557	19	97.7	0.6	121	69	904	3.434E-08	2618	8
NYB119256_63	2022-09-21 14:59:06.466	13150	3.269565	0.023140	0.107785	0.000377	1761	6	1721	10	97.8	0.7	223	148	1352	2.121E-08	1761	6
NYB119256_32	2022-09-20 16:37:21.792	13147	2.148569	0.015875	0.165792	0.000675	2514	7	2465	15	98.1	0.9	51	45	568	-4.702E-06	2514	7
NYB119256_98	2022-09-21 15:38:17.153	13150	2.935259	0.061251	0.118348	0.000974	1930	15	1894	33	98.1	0.3	348	88	961	3.352E-07	1930	15
NYB119256_62	2022-09-21 14:58:26.947	13150	1.835840	0.017619	0.202699	0.000836	2847	7	2807	22	98.6	0.6	203	116	1801	2.713E-07	2847	7
NYB119256_33	2022-09-20 16:38:01.937	13147	2.955777	0.011862	0.116501	0.000351	1902	5	1879	7	98.8	0.4	174	77	787	1.142E-06	1902	5
NYB119256_30	2022-09-20 16:35:03.005	13147	3.644110	0.016019	0.097849	0.000405	1583	8	1564	6	98.8	0.4	126	56	441	-5.746E-07	1583	8
NYB119256_2	2022-09-20 13:24:30.493	13146	1.858323	0.017829	0.198097	0.000651	2809	5	2782	22	99.0	0.6	69	39	528	-8.752E-08	2809	5
NYB119256_44	2022-09-20 16:51:23.460	13147	3.836276	0.011199	0.093987	0.000329	1506	7	1494	4	99.2	0.5	238	121	925	1.576E-07	1506	7
NYB119256_92	2022-09-21 15:33:13.607	13150	2.094463	0.017754	0.168493	0.000532	2542	5	2521	18	99.2	0.2	202	43	566	-2.41E-08	2542	5
NYB119256_72	2022-09-21 15:11:21.320	13150	2.537304	0.024133	0.135093	0.000550	2164	7	2146	17	99.2	0.4	103	43	484	-2.741E-08	2164	7
NYB119256_68	2022-09-21 15:07:35.683	13150	2.127076	0.016207	0.164995	0.000545	2506	6	2486	16	99.2	0.7	133	94	1220	-7.579E-09	2506	6
NYB119256_90	2022-09-21 15:30:45.163	13150	3.572836	0.030592	0.099000	0.000382	1604	7	1591	12	99.2	0.4	145	58	481	-8.844E-08	1604	7
NYB119256_10	2022-09-20 13:30:49.935	13146	2.912597	0.020160	0.117639	0.000452	1919	7	1905	11	99.3	0.5	148	75	667	-7.004E-08	1919	7
NYB119256_91	2022-09-21 15:32:31.242	13150	1.801578	0.017733	0.206035	0.000738	2873	6	2854	23	99.3	0.6	49	31	451	1.157E-07	2873	6
NYB119256_95	2022-09-21 15:35:11.264	13150	2.902081	0.030591	0.117972	0.000415	1925	6	1911	17	99.3	0.3	183	57	606	-8.903E-08	1925	6
NYB119256_11	2022-09-20 13:32:27.295	13146	3.522600	0.041992	0.100338	0.000642	1627	12	1617	17	99.4	0.5	52	24	192	1.186E-06	1627	12
NYB119256_8	2022-09-20 13:29:29.667	13146	3.159886	0.020928	0.109260	0.000420	1786	7	1775	10	99.4	0.5	158	72	594	2.539E-07	1786	7
NYB119256_123	2022-09-21 16:05:05.407	13150	2.931085	0.019168	0.116640	0.000390	1904	6	1895	11	99.5	0.0	219	8	84	1.766E-07	1904	6
NYB119256_34	2022-09-20 16:38:42.105	13147	2.976527	0.096111	0.116897	0.001399	1905	21	1896	55	99.5	0.8	14	11	108	-4.81E-07	1905	21
NYB119256_1	2022-09-20 13:23:50.393	13146	2.928217	0.022838	0.116587	0.000558	1904	8	1896	13	99.6	1.1	86	92	857	1.769E-07	1904	8
NYB119256_36	2022-09-20 16:41:00.707	13147	1.889857	0.011610	0.191268	0.000648	2752	6	2741	14	99.6	0.9	57	51	724	2.422E-07	2752	6
NYB119256_84	2022-09-21 15:20:55.519	13150	3.836863	0.029723	0.093749	0.000557	1501	11	1495	11	99.6	0.4	61	26	197	1.052E-07	1501	11
NYB119256_115	2022-09-21 15:57:34.782	13150	3.013864	0.021721	0.113412	0.000392	1853	6	1847	11	99.7	0.3	122	36	338	-2.685E-06	1853	6
NYB119256_70	2022-09-21 15:08:55.905	13150	2.908357	0.022830	0.117099	0.000371	1911	6	1905	13	99.7	0.5	236	110	1084	3.245E-07	1911	6
NYB119256_108	2022-09-21 15:47:52.335	13150	2.582429	0.017258	0.131479	0.000462	2117	6	2110	12	99.7	0.9	237	214	2232	-9.328E-07	2117	6
NYB119256_41	2022-09-20 16:49:23.963	13147	4.247792	0.112617	0.088443	0.001056	1387	23	1383	34	99.7	0.2	28	6	38	1.052E-06	1387	23
NYB119256_97	2022-09-21 15:37:37.237	13150	2.890758	0.024315	0.117957	0.000434	1924	7	1919	14	99.7	0.4	123	49	513	-2.375E-08	1924	7
NYB119256_59	2022-09-21 14:55:20.392	13150	2.867166	0.019804	0.118661	0.000382	1935	6	1932	12	99.8	0.5	148	74	750	-1.178E-07	1935	6
NYB119256_61	2022-09-21 14:57:46.379	13150	1.786464	0.014179	0.205940	0.000640	2873	5	2871	19	99.9	1.0	90	93	1405	2.296E-07	2873	5
NYB119256_60	2022-09-21 14:56:00.597	13150	1.877747	0.023754	0.192077	0.000777	2759	6	2761	28	100.0	3.2	29	95	1409	2.085E-07	2759	6
NYB119256_89	2022-09-21 15:30:05.254	13150	1.859158	0.015611	0.194284	0.000632	2778	5	2780	19	100.1	1.4	59	84	1230	6.406E-08	2778	5
NYB119256_74	2022-09-21 15:12:41.810	13150	2.866245	0.022165	0.118321	0.000399	1930	6	1933	13	100.2	0.7	162	115	1192	1.547E-08	1930	6
NYB119256_54	2022-09-21 14:50:55.370	13150	1.809628	0.013037	0.199728	0.000610	2823	5	2838	16	100.5	0.2	125	25	380	1.457E-08	2823	5
NYB119256_35	2022-09-20 16:39:22.304	13147	2.927944	0.047282	0.116436	0.000867	1899	13	1909	27	100.5	0.8	20	15	145	-1.864E-07	1899	13
NYB119256_119	2022-09-21 16:01:31.630	13150	1.913273	0.023890	0.185270	0.001448	2699	13	2715	28	100.6	0.7	150	112	1492	2.562E-07	2699	13
NYB119256_6	2022-09-20 13:28:09.381	13146	2.884679	0.040990	0.117267	0.000675	1913	10	1924	23	100.6	1.3	43	54	495	-1.349E-07	1913	10
NYB119256_79	2022-09-21 15:16:28.226	13150	1.773340	0.015858	0.205281	0.000553	2868	4	2887	21	100.7	0.6	137	76	1202	2.58E-07	2868	4
NYB119256_102	2022-09-21 15:42:41.929	13150	2.912906	0.039706	0.116361	0.000715	1899	11	1913	23	100.8	0.8	27	22	215	-4.114E-08	1899	11
NYB119256_127	2022-09-21 16:08:53.957	13150	2.629282	0.019108	0.127464	0.000373	2062	5	2079	13	100.8	0.6	192	115	1308	4.26E-08	2062	5
NYB119256_101	2022-09-21 15:42:01.805	13150	2.864261	0.015903	0.117219	0.000357	1913	5	1930	9	100.9	0.1	249	34	336	6.262E-08	1913	5
NYB119256_86	2022-09-21 15:28:09.589	13150	2.464730	0.037351	0.136093	0.000850	2176	11	2206	29	101.4	0.4	64	26	280	1.802E-09	2176	11
NYB119256_67	2022-09-21 15:06:55.482	13150	2.876923	0.020453	0.116372	0.000387	1900	6	1926	12	101.4	0.8	242	198	2045	-5.126E-09	1900	6
NYB119256_52	2022-09-21 14:49:34.925	13150	2.572934	0.022134	0.129184	0.000420	2086	6	2117	16	101.5	0.4	97	36	422	3.335E-08	2086	6
NYB119256_100	2022-09-21 15:39:37.557	13150	2.841973	0.022568	0.117547	0.000380	1918	6	1947	13	101.5	0.4	150	57	592	2.046E-07	1918	6
NYB119256_81	2022-09-21 15:18:54.713	13150	2.831860	0.020581	0.117795	0.000360	1922	5	1951	12	101.5	0.3	271	95	1010	3.16E-07	1922	5
NYB119256_129	2022-09-21 16:10:11.747	13150	3.048834	0.023961	0.110161	0.000418	1801	7	1832	13	101.7	0.9	96	87	890	-3.305E-08	1801	7
NYB119256_15	2022-09-20 13:35:11.186	13146	3.528524	0.033866	0.097998	0.000542	1584	10	1612	14	101.8	0.4	82	30	266	-3.31E-09	1584	10
NYB119256_4	2022-09-20 13:25:49.929	13146	3.803695	0.071618	0.092921	0.000929	1483	18	1509	26	101.8	1.4	30	43	326	-1.802E-07	1483	18
NYB119256_82	2022-09-21 15:19:39.012	13150	2.220999	0.019167	0.150930	0.000507	2355	6	2398	18	101.8	0.0	274	4	61	1.497E-07	2355	6
NYB119256_75	2022-09-21 15:13:22.122	13150	2.837865	0.022404	0.117125	0.000413	1911	6	1949	13	102.0	0.5	144	76	774	7.071E-08	1911	6
NYB119256_7	2022-09-20 13:28:49.506	13146	1.882307	0.018582	0.184704	0.000757	2694	7	2754	22	102.2	0.8	66	54	718	6.558E-08	2694	7
NYB119256_104	2022-09-21 15:44:11.078	13150	2.905329	0.028368	0.113703	0.000494	1858	8	1910	16	102.8	0.4	149	58	600	1.952E-08	1858	8
NYB119256_49	2022-09-20 16:55:42.798	13147	3.662072	0.023723	0.094405	0.000403	1515	8	1558	9	102.9	1.2	100	115	856	-6.432E-09	1515	8

NYB119256_14	2022-09-20 13:34:28.480	13146		2.735421	0.027754	0.119208	0.000608	1942	9	2013	18	103.6	0.6	80	44	503	7.013E-07	1942	9
~~NYB119256_20~~	~~2022-09-20 13:39:27.599~~	~~13146~~	~~not zircon?~~	~~0.083788~~	~~0.038875~~	~~0.844595~~	~~0.004282~~	~~4967~~	~~6~~	~~13431~~	~~1138~~	~~270.4~~	~~1.7~~	~~1~~	~~2~~	~~4375~~	~~2.544E-05~~	~~4967~~	~~6~~
STAL119267																			
~~STAL1119267_35~~	~~2022-09-20 15:44:49.533~~	~~13147~~	~~tripped~~	~~279.295467~~	~~236.887198~~	~~-0.111111~~	~~0.474074~~	~~3544~~	~~338~~	~~0~~	~~10~~	~~0.0~~	~~2.9~~	~~0~~	~~0~~	~~0~~	~~1.016E-07~~	~~3544~~	~~338~~
~~STAL1119267_15~~	~~2022-09-20 12:46:33.686~~	~~13146~~	~~tripped~~	~~-58.342251~~	~~258.092753~~	~~0.019153~~	~~0.508663~~	~~3675~~	~~267~~	~~3~~	~~9~~	~~0.1~~	~~-4.2~~	~~0~~	~~0~~	~~0~~	~~-1.759E-09~~	~~3675~~	~~267~~
STAL1119267_34	2022-09-20 15:44:18.747	13147	>10% disc.	15.645326	0.337315	0.136603	0.004381	2168	57	402	8	18.5	240.7	31	7526	12291	4.359E-07	2168	57
STAL1119267_17	2022-09-20 12:49:37.505	13146	>10% disc.	5.661346	0.067020	0.386981	0.009342	3851	38	1051	12	27.3	8.3	934	7721	15358	7.421E-05	3851	38
STAL1119267_38	2022-09-20 15:47:49.737	13147	>10% disc.	5.362968	0.062161	0.310385	0.007011	3505	35	1107	11	31.6	3.9	697	2711	8718	5.062E-05	3505	35
STAL1119267_8	2022-09-20 12:40:47.833	13146	>10% disc.	8.066460	0.162084	0.152572	0.001632	2373	18	756	14	31.8	0.5	1388	649	4044	1.109E-05	2373	18
STAL1119267_89	2022-09-21 11:56:26.654	13149	>10% disc.	4.105739	0.077410	0.358581	0.013111	3715	57	1415	25	38.1	0.7	123	87	2186	1.323E-05	3715	57
STAL1119267_31	2022-09-20 15:42:07.346	13147	>10% disc.	4.499524	0.061467	0.244443	0.003025	3145	19	1299	16	41.3	3.9	207	798	2459	1.054E-05	3145	19
STAL1119267_98	2022-09-21 12:08:42.676	13149	>10% disc.	4.998709	0.087829	0.197577	0.003511	2804	29	1177	18	42.0	3.0	498	1506	3792	1.307E-05	2804	29
STAL1119267_66	2022-09-20 16:22:20.069	13147	>10% disc.	7.776069	0.051623	0.113027	0.000789	1847	13	780	5	42.3	1.5	1401	2061	6848	8.806E-06	1847	13
STAL1119267_10	2022-09-20 12:42:08.108	13146	>10% disc.	5.233634	0.091198	0.147164	0.001805	2311	21	1126	17	48.7	1.4	640	864	2741	8.488E-06	2311	21
STAL1119267_63	2022-09-20 16:15:18.995	13147	>10% disc.	5.018045	0.025800	0.152787	0.000771	2376	9	1172	6	49.3	0.4	669	286	1851	1.376E-06	2376	9
STAL1119267_33	2022-09-20 15:43:24.432	13147	>10% disc.	5.143138	0.162637	0.134351	0.001856	2151	24	1164	33	54.1	1.1	619	668	4021	3.998E-06	2151	24
STAL1119267_65	2022-09-20 16:16:34.467	13147	>10% disc.	2.284924	0.019160	0.334275	0.001797	3636	8	2340	16	64.4	3.5	119	416	2676	1.853E-05	3636	8
STAL1119267_25	2022-09-20 15:35:58.313	13147	>10% disc.	3.425267	0.046786	0.154321	0.001335	2398	17	1653	20	68.9	0.1	680	40	651	2.84E-06	2398	17
STAL1119267_62	2022-09-20 16:14:49.957	13147	>10% disc.	2.815118	0.124357	0.197407	0.002086	2804	17	1977	76	70.5	5.1	59	296	773	4.422E-06	2804	17
STAL1119267_29	2022-09-20 15:39:55.239	13147	>10% disc.	2.605057	0.032458	0.211562	0.003543	2913	27	2091	20	71.8	1.9	219	417	2764	1.899E-05	2913	27
STAL1119267_11	2022-09-20 12:44:02.957	13146	>10% disc.	2.949804	0.035730	0.164373	0.001342	2502	15	1885	20	75.4	0.7	96	70	523	2.807E-06	2502	15
STAL1119267_43	2022-09-20 15:52:58.115	13147	>10% disc.	3.743941	0.018966	0.123904	0.000605	2012	9	1527	7	75.9	1.6	138	220	1095	2.419E-06	2012	9
STAL1119267_51	2022-09-20 16:05:12.143	13147	>10% disc.	2.617517	0.015997	0.189340	0.000649	2735	6	2087	11	76.3	0.9	156	139	957	8.936E-07	2735	6
STAL1119267_64	2022-09-20 16:15:52.700	13147	>10% disc.	2.472584	0.045717	0.205374	0.001955	2868	15	2192	33	76.4	2.1	412	882	1842	4.772E-06	2868	15
STAL1119267_24	2022-09-20 15:35:21.441	13147	>10% disc.	2.357809	0.016394	0.199777	0.001007	2825	9	2280	13	80.7	1.0	208	213	1945	4.171E-06	2825	9
STAL1119267_82	2022-09-21 11:50:37.884	13149	>10% disc.	2.278571	0.018537	0.209418	0.000704	2900	5	2349	16	81.0	2.0	171	347	1270	2.155E-06	2900	5
STAL1119267_40	2022-09-20 15:49:19.051	13147	>10% disc.	3.570118	0.022003	0.116294	0.000579	1899	9	1593	9	83.9	0.6	206	122	626	1.186E-06	1899	9
STAL1119267_44	2022-09-20 15:53:32.817	13147	>10% disc.	2.200326	0.028019	0.204716	0.001589	2863	13	2418	25	84.5	1.7	206	349	791	2.755E-06	2863	13
STAL1119267_6	2022-09-20 12:39:31.072	13146	>10% disc.	2.118763	0.024355	0.211099	0.000929	2913	7	2499	24	85.8	1.2	81	96	736	6.433E-07	2913	7
STAL1119267_45	2022-09-20 15:54:14.421	13147	>10% disc.	2.200445	0.011087	0.196046	0.000734	2793	6	2416	10	86.5	1.5	189	287	1832	3.197E-06	2793	6
STAL1119267_106	2022-09-21 12:16:03.609	13149	>10% disc.	2.287888	0.012531	0.184574	0.000513	2693	5	2340	11	86.9	0.2	278	44	529	2.37E-07	2693	5
STAL1119267_26	2022-09-20 15:37:44.231	13147	>10% disc.	2.227294	0.012056	0.189205	0.000700	2734	6	2392	11	87.5	0.3	303	83	439	2.367E-07	2734	6
STAL1119267_56	2022-09-20 16:09:29.309	13147	>10% disc.	2.792293	0.013204	0.142386	0.000541	2255	7	1974	8	87.5	0.4	270	95	1045	5.587E-06	2255	7
STAL1119267_13	2022-09-20 12:45:14.256	13146	>10% disc.	3.045022	0.029514	0.129942	0.000669	2095	9	1836	16	87.6	2.2	90	195	1428	6.84E-07	2095	9
STAL1119267_2	2022-09-20 12:35:47.347	13146	>10% disc.	3.176501	0.034657	0.122269	0.000611	1988	9	1768	16	88.9	1.1	142	153	706	5.11E-07	1988	9
STAL1119267_102	2022-09-21 12:12:18.899	13149	>10% disc.	2.107517	0.036537	0.199513	0.001938	2821	16	2509	36	88.9	1.2	168	208	2150	2.603E-06	2821	16
STAL1119267_19	2022-09-20 12:51:06.298	13146		1.958997	0.021809	0.208121	0.001198	2890	9	2663	25	92.2	1.4	95	132	1080	1.656E-06	2890	9
STAL1119267_52	2022-09-20 16:05:59.989	13147		3.239173	0.084182	0.115141	0.001168	1880	18	1741	39	92.6	0.2	139	31	291	1.732E-07	1880	18
STAL1119267_54	2022-09-20 16:07:07.237	13147		2.196322	0.016051	0.174328	0.001152	2598	11	2421	15	93.2	0.4	139	53	817	6.574E-07	2598	11
STAL1119267_73	2022-09-21 11:42:34.062	13149		2.192147	0.015299	0.174761	0.000732	2603	7	2425	14	93.2	0.5	188	97	475	2.125E-06	2603	7
STAL1119267_53	2022-09-20 16:06:26.622	13147		3.160208	0.010256	0.115494	0.000398	1886	6	1772	5	93.9	1.1	233	252	2459	9.618E-09	1886	6
STAL1119267_80	2022-09-21 11:48:13.977	13149		2.016875	0.013663	0.189988	0.000573	2741	5	2597	15	94.8	0.2	217	42	583	-2.299E-07	2741	5
STAL1119267_57	2022-09-20 16:10:08.630	13147		2.986117	0.012583	0.119894	0.000501	1953	7	1863	7	95.4	1.5	129	198	1822	3.216E-07	1953	7
STAL1119267_28	2022-09-20 15:39:02.359	13147		1.846469	0.009861	0.212484	0.000522	2924	4	2792	12	95.5	0.1	192	26	244	1.566E-06	2924	4
STAL1119267_68	2022-09-20 16:23:46.488	13147		1.904101	0.019019	0.203636	0.000845	2854	7	2727	23	95.5	1.3	53	68	966	8.941E-08	2854	7
STAL1119267_79	2022-09-21 11:47:32.607	13149		2.930707	0.037527	0.121661	0.000733	1979	11	1895	21	95.8	0.5	183	92	963	8.445E-07	1979	11
STAL1119267_49	2022-09-20 16:02:00.683	13147		1.938012	0.014896	0.196384	0.000730	2795	6	2682	17	95.9	0.5	101	46	616	-1.247E-07	2795	6
STAL1119267_3	2022-09-20 12:36:24.315	13146		2.962920	0.024041	0.119835	0.000480	1952	7	1875	14	96.1	0.4	203	72	592	3.176E-07	1952	7
STAL1119267_100	2022-09-21 12:09:55.973	13149		2.260644	0.012010	0.159563	0.000506	2450	5	2363	10	96.5	1.2	121	147	1868	-2.946E-07	2450	5
STAL1119267_94	2022-09-21 12:00:47.509	13149		2.288323	0.013746	0.157185	0.000469	2424	5	2340	12	96.5	1.5	130	192	2375	1.258E-07	2424	5
STAL1119267_87	2022-09-21 11:55:11.626	13149		1.986489	0.032027	0.188354	0.000729	2727	6	2633	35	96.6	0.9	81	72	894	2.384E-07	2727	6
STAL1119267_78	2022-09-21 11:46:53.326	13149		1.633735	0.008951	0.245766	0.000782	3157	5	3079	14	97.5	1.1	140	158	2436	-7.482E-09	3157	5
STAL1119267_42	2022-09-20 15:52:17.716	13147		1.922538	0.020815	0.193736	0.000863	2774	7	2706	24	97.6	1.1	45	49	400	-6.088E-08	2774	7
STAL1119267_67	2022-09-20 16:23:01.818	13147		2.237179	0.028092	0.159582	0.000785	2451	8	2392	25	97.6	1.1	29	33	411	2.797E-08	2451	8
STAL1119267_18	2022-09-20 12:50:17.730	13146		2.980778	0.020264	0.116939	0.000410	1909	6	1868	11	97.8	0.1	324	25	266	4.174E-07	1909	6
STAL1119267_85	2022-09-21 11:52:38.428	13149		1.990959	0.016973	0.183649	0.000709	2685	6	2629	19	97.9	1.7	54	89	1202	-1.259E-07	2685	6
STAL1119267_58	2022-09-20 16:10:47.539	13147		2.152214	0.022391	0.165854	0.001284	2515	13	2463	21	97.9	1.1	69	75	1035	4.62E-07	2515	13
STAL1119267_95	2022-09-21 12:01:36.717	13149		3.001761	0.025836	0.115971	0.000505	1894	8	1856	14	98.0	1.5	147	227	1900	-9.124E-08	1894	8
STAL1119267_41	2022-09-20 15:51:33.868	13147		2.260621	0.039990	0.157844	0.000837	2431	9	2382	35	98.0	0.7	22	15	185	-1.566E-07	2431	9
STAL1119267_70	2022-09-20 16:25:02.266	13147		2.953004	0.023530	0.117863	0.000532	1922	8	1884	13	98.0	0.7	60	42	401	5.479E-08	1922	8
STAL1119267_76	2022-09-21 11:45:33.127	13149		1.980112	0.011535	0.184287	0.000533	2691	5	2638	13	98.0	0.6	192	111	1484	7.68E-09	2691	5
STAL1119267_88	2022-09-21 11:55:42.992	13149		1.974700	0.011360	0.184745	0.000509	2695	5	2644	12	98.1	0.6	187	103	1448	1.449E-07	2695	5
STAL1119267_5	2022-09-20 12:37:56.964	13146		1.906427	0.066701	0.196896	0.000792	2800	7	2755	84	98.4	0.5	238	127	1514	9.763E-07	2800	7
STAL1119267_107	2022-09-21 12:16:43.711	13149		2.914546	0.018161	0.118649	0.000503	1934	8	1904	10	98.4	0.5	111	52	512	-6.844E-08	1934	8
STAL1119267_12	2022-09-20 12:44:32.998	13146		1.882619	0.021258	0.196862	0.000785	2799	7	2756	25	98.5	0.5	61	32	469	-6.716E-08	2799	7
STAL1119267_61	2022-09-20 16:13:56.197	13147		2.232984	0.007307	0.156447	0.000553	2416	6	2385	7	98.7	0.8	270	202	1392	1.878E-06	2416	6

STAL1119267_84	2022-09-21 11:52:03.767	13149		2.927337	0.018684	0.117603	0.000499	1919	8	1895	11	98.7	0.7	96	68	621	1.715E-07	1919	8
STAL1119267_55	2022-09-20 16:07:46.026	13147		1.870013	0.008966	0.196286	0.000632	2794	5	2763	11	98.9	0.9	126	115	1706	1.219E-07	2794	5
STAL1119267_47	2022-09-20 16:00:50.015	13147		2.892969	0.020176	0.118771	0.000673	1936	10	1915	12	98.9	0.8	81	61	645	-2.611E-08	1936	10
STAL1119267_104	2022-09-21 12:13:39.718	13149		2.174522	0.013044	0.161152	0.000513	2467	5	2441	12	99.0	0.5	118	53	674	2.22E-07	2467	5
STAL1119267_86	2022-09-21 11:54:22.500	13149		2.191212	0.038864	0.160594	0.001050	2459	11	2435	35	99.0	1.3	17	21	269	1.087E-07	2459	11
STAL1119267_69	2022-09-20 16:24:22.100	13147		2.931217	0.009514	0.117108	0.000411	1911	6	1893	5	99.0	0.3	203	67	653	2.315E-07	1911	6
STAL1119267_96	2022-09-21 12:07:15.369	13149		2.134903	0.013592	0.164522	0.000614	2501	6	2478	13	99.1	1.5	72	107	1423	1.941E-07	2501	6
STAL1119267_99	2022-09-21 12:09:15.787	13149		1.942191	0.009171	0.185702	0.000566	2703	5	2679	10	99.1	0.6	154	89	1233	3.554E-07	2703	5
STAL1119267_108	2022-09-21 12:17:23.805	13149		3.015922	0.032138	0.114297	0.000614	1867	10	1850	18	99.1	0.3	37	11	99	1.589E-07	1867	10
STAL1119267_77	2022-09-21 11:46:13.224	13149		1.918922	0.012627	0.187953	0.000592	2723	5	2707	14	99.4	0.8	111	89	1229	-1.156E-07	2723	5
STAL1119267_75	2022-09-21 11:43:59.445	13149		1.846461	0.018977	0.198099	0.000904	2809	7	2794	23	99.4	0.5	93	45	623	-4.174E-07	2809	7
STAL1119267_71	2022-09-21 11:41:08.207	13149		2.065597	0.016607	0.170537	0.000577	2562	6	2550	17	99.5	1.8	102	185	2389	8.511E-08	2562	6
STAL1119267_105	2022-09-21 12:14:19.912	13149		1.942433	0.013108	0.184050	0.000536	2689	5	2680	15	99.7	0.6	130	78	1087	-1.345E-07	2689	5
STAL1119267_39	2022-09-20 15:48:29.895	13147		1.805273	0.008574	0.203171	0.000656	2851	5	2843	11	99.7	0.8	89	73	1088	1.155E-07	2851	5
STAL1119267_83	2022-09-21 11:51:18.198	13149		2.176258	0.018387	0.159139	0.000688	2445	7	2442	17	99.9	0.5	50	25	320	9.383E-08	2445	7
STAL1119267_21	2022-09-20 15:33:17.204	13147		1.908444	0.007643	0.187545	0.000516	2720	5	2717	9	99.9	0.5	146	77	1107	-5.163E-08	2720	5
STAL1119267_81	2022-09-21 11:49:57.833	13149		2.910821	0.017367	0.116759	0.000410	1906	6	1905	10	99.9	0.4	172	67	659	1.238E-07	1906	6
STAL1119267_59	2022-09-20 16:11:30.110	13147		2.096595	0.009068	0.165976	0.000679	2516	7	2515	9	100.0	0.7	160	115	1417	5.831E-07	2516	7
STAL1119267_74	2022-09-21 11:43:09.056	13149		2.164643	0.012742	0.159465	0.000459	2449	5	2451	12	100.1	0.6	141	88	1135	1.117E-07	2449	5
STAL1119267_103	2022-09-21 12:12:59.385	13149		2.927421	0.026898	0.116180	0.000533	1898	8	1899	15	100.1	0.5	50	27	266	6.079E-08	1898	8
STAL1119267_109	2022-09-21 12:18:03.881	13149		2.771107	0.017142	0.121977	0.000440	1984	6	1987	10	100.2	0.8	119	94	932	-2.085E-07	1984	6
STAL1119267_93	2022-09-21 12:00:07.388	13149		2.152116	0.028204	0.161105	0.000767	2466	8	2471	27	100.2	1.4	28	39	481	-1.074E-07	2466	8
STAL1119267_27	2022-09-20 15:38:21.021	13147		1.891669	0.013488	0.188868	0.000650	2731	6	2738	16	100.3	0.2	123	20	308	-2.204E-07	2731	6
STAL1119267_48	2022-09-20 16:01:21.592	13147		2.902165	0.039215	0.116639	0.000758	1903	12	1910	21	100.4	0.5	29	15	160	-1.006E-07	1903	12
STAL1119267_90	2022-09-21 11:57:03.257	13149		2.903503	0.018449	0.116523	0.000388	1902	6	1910	10	100.4	0.4	172	66	653	-5.934E-07	1902	6
STAL1119267_30	2022-09-20 15:40:22.111	13147		1.919128	0.007565	0.184506	0.000549	2693	5	2705	9	100.5	0.5	179	81	1185	-2.824E-07	2693	5
STAL1119267_16	2022-09-20 12:48:57.363	13146		1.895895	0.016126	0.187860	0.000735	2722	6	2736	19	100.5	0.6	98	63	939	4.914E-07	2722	6
STAL1119267_4	2022-09-20 12:37:04.557	13146		2.148640	0.018622	0.160014	0.000598	2455	6	2469	18	100.5	0.8	130	100	1271	2.73E-08	2455	6
STAL1119267_97	2022-09-21 12:07:55.464	13149		1.917752	0.010468	0.184303	0.000492	2691	4	2707	12	100.6	0.5	243	131	1980	-7.475E-08	2691	4
STAL1119267_22	2022-09-20 15:33:57.321	13147		2.884262	0.017962	0.116994	0.000522	1909	8	1921	10	100.6	1.2	74	92	888	-5.692E-08	1909	8
STAL1119267_72	2022-09-21 11:41:48.520	13149		2.088309	0.015748	0.165153	0.000559	2508	6	2526	16	100.7	1.1	79	85	1163	-8.494E-08	2508	6
STAL1119267_101	2022-09-21 12:11:39.075	13149		2.142329	0.010527	0.159870	0.000490	2453	5	2471	10	100.7	0.8	142	117	1521	1.561E-07	2453	5
STAL1119267_36	2022-09-20 15:46:29.516	13147		2.882883	0.017433	0.116896	0.000504	1908	8	1922	10	100.7	0.8	68	51	508	-1.934E-09	1908	8
STAL1119267_14	2022-09-20 12:45:53.509	13146		1.909681	0.014576	0.185081	0.000558	2698	5	2719	17	100.8	0.6	182	110	1595	-6.954E-08	2698	5
STAL1119267_37	2022-09-20 15:47:09.628	13147		2.878665	0.012495	0.116843	0.000421	1907	6	1922	7	100.8	1.1	119	135	1317	1.114E-07	1907	6
STAL1119267_60	2022-09-20 16:12:10.387	13147		2.882514	0.012596	0.116640	0.000482	1904	7	1920	7	100.9	0.5	94	43	418	-1.996E-07	1904	7
STAL1119267_1	2022-09-20 12:35:03.687	13146		2.162762	0.042477	0.159988	0.000984	2453	10	2477	41	101.0	1.0	31	30	393	1.26E-07	2453	10
STAL1119267_20	2022-09-20 12:51:38.001	13146		1.848927	0.030336	0.194088	0.000841	2776	7	2803	39	101.0	0.3	33	11	163	-6.715E-08	2776	7
STAL1119267_92	2022-09-21 11:59:28.330	13149		2.892300	0.019774	0.116194	0.000391	1897	6	1917	11	101.0	0.0	159	3	30	-1.473E-07	1897	6
STAL1119267_9	2022-09-20 12:41:29.292	13146		2.878746	0.024626	0.116682	0.000474	1904	7	1926	14	101.1	0.5	121	57	581	-1.465E-07	1904	7
STAL1119267_23	2022-09-20 15:34:37.531	13147		2.761589	0.013972	0.121039	0.000437	1970	6	1994	9	101.2	0.5	157	71	716	2.765E-08	1970	6
STAL1119267_46	2022-09-20 16:00:01.125	13147		2.794031	0.010985	0.118604	0.000424	1934	6	1972	6	102.0	0.4	136	58	638	1.058E-07	1934	6
STAL1119267_7	2022-09-20 12:40:08.708	13146		1.795914	0.023112	0.197441	0.000854	2804	7	2863	30	102.1	0.6	55	33	507	1.82E-07	2804	7
STAL1119267_32	2022-09-20 15:42:49.970	13147		1.748150	0.011308	0.203993	0.000687	2857	5	2918	15	102.1	0.3	95	30	465	-3.443E-08	2857	5
STAL1119267_91	2022-09-21 11:58:46.042	13149		1.790946	0.022934	0.194964	0.001016	2783	9	2864	30	102.9	0.5	83	39	643	1.74E-07	2783	9
STAL1119267_110	2022-09-21 12:18:42.880	13149		2.926192	0.159744	0.116161	0.001623	1893	25	1951	91	103.1	0.0	10	0	0	-1.039E-07	1893	25
STAL1119267_50	2022-09-20 16:02:40.952	13147		1.863892	0.011328	0.183075	0.000821	2680	7	2770	14	103.4	0.2	98	22	351	-8.58E-08	2680	7

STAM 119269

~~STAM 119269_5~~	~~2022-09-21 12:23:07.960~~	~~13149~~	~~tripped~~	~~84.964812~~	~~98.729434~~	~~0.771601~~	~~0.187671~~	~~3809~~	~~236~~	~~-11~~	~~30~~	~~-0.3~~	~~14.4~~	~~0~~	~~0~~	~~2~~	~~-3.5E-07~~	~~3809~~	~~236~~
~~STAM 119269_2~~	~~2022-09-21 12:21:07.290~~	~~13149~~	~~tripped~~	~~-3.587286~~	~~54.054817~~	~~0.812864~~	~~0.167341~~	~~4063~~	~~220~~	~~-1~~	~~26~~	~~0.0~~	~~1.5~~	~~0~~	~~0~~	~~-1~~	~~-1.152E-08~~	~~4063~~	~~220~~
~~STAM 119269_11~~	~~2022-09-21 12:33:28.806~~	~~13149~~	~~tripped~~	~~107.662415~~	~~206.037081~~	~~0.444575~~	~~0.722877~~	~~3586~~	~~714~~	~~28~~	~~31~~	~~0.8~~	~~1.0~~	~~0~~	~~0~~	~~3~~	~~3.48E-07~~	~~3586~~	~~714~~
STAM 119269_41	2022-09-21 13:03:50.649	13149	>10% disc.	13.628793	0.257969	0.179117	0.001245	2643	12	458	9	17.3	2.7	595	1614	2354	4.213E-06	2643	12
STAM 119269_25	2022-09-21 12:44:49.102	13149	>10% disc.	12.565537	0.075308	0.095754	0.000622	1541	12	494	3	32.0	1.6	1542	2425	4861	5.994E-06	1541	12
STAM 119269_34	2022-09-21 12:52:59.638	13149	>10% disc.	8.108423	0.135331	0.133372	0.001809	2137	24	754	12	35.3	0.4	797	338	1238	4.475E-06	2137	24
STAM 119269_33	2022-09-21 12:52:10.405	13149	>10% disc.	6.130297	0.075817	0.138631	0.000515	2209	6	977	11	44.2	0.4	1465	540	2215	6.367E-06	2209	6
STAM 119269_20	2022-09-21 12:40:19.602	13149	>10% disc.	7.899500	0.059669	0.085225	0.000315	1319	7	770	5	58.3	0.6	785	432	1144	8.104E-07	1319	7
STAM 119269_48	2022-09-21 13:09:22.119	13149	>10% disc.	3.134475	0.239034	0.263471	0.005093	3260	31	1954	159	59.9	0.7	6	5	116	6.543E-07	3260	31
STAM 119269_53	2022-09-21 14:46:39.025	13150	>10% disc.	7.270454	0.092517	0.087357	0.000540	1367	12	833	10	61.0	0.2	858	165	931	3.733E-06	1367	12
STAM 119269_23	2022-09-21 12:43:30.397	13149	>10% disc.	8.978923	0.060845	0.074058	0.000306	1042	8	681	4	65.4	1.0	1439	1474	3354	2.885E-06	1042	8
STAM 119269_51	2022-09-21 14:45:25.620	13150	>10% disc.	3.013246	0.048613	0.180793	0.001080	2659	10	1849	26	69.5	1.2	167	192	1635	4.693E-07	2659	10
STAM 119269_45	2022-09-21 13:06:20.872	13149	>10% disc.	4.566373	0.052639	0.103431	0.000446	1685	8	1280	13	75.9	1.3	1188	1570	6260	5.013E-07	1685	8
STAM 119269_52	2022-09-21 14:45:57.570	13150	>10% disc.	3.833150	0.051751	0.120099	0.000735	1956	11	1497	18	76.5	1.7	134	229	870	2.066E-08	1956	11
STAM 119269_3	2022-09-21 12:21:59.575	13149	>10% disc.	4.943738	0.057213	0.093096	0.000602	1488	12	1190	13	79.9	0.2	605	141	897	1.388E-05	1488	12
STAM 119269_43	2022-09-21 13:05:00.530	13149	>10% disc.	5.580939	0.032377	0.084609	0.000416	1305	10	1063	6	81.5	0.4	898	341	1715	1.574E-06	1305	10
STAM 119269_35	2022-09-21 12:53:37.457	13149	>10% disc.	6.267112	0.086358	0.078692	0.000712	1162	18	957	13	82.3	0.3	1440	497	2369	4.766E-06	1162	18
STAM 119269_36	2022-09-21 12:59:18.106	13149	>10% disc.	5.204032	0.041206	0.085638	0.000755	1328	17	1134	8	85.4	0.3	416	112	287	6.392E-07	1328	17

STAM 119269_14	2022-09-21 12:35:17.477	13149	>10% disc.	12.026365	0.089659	0.059984	0.000290	602	11	516	4	85.7	1.0	374	390	874	-6.311E-08	516	4
STAM 119269_16	2022-09-21 12:37:39.501	13149	>10% disc.	11.751800	0.050851	0.060335	0.000490	614	18	527	2	85.8	0.9	147	130	262	1.169E-07	527	2
STAM 119269_47	2022-09-21 13:08:42.331	13149	>10% disc.	3.868329	0.021901	0.104193	0.000400	1700	7	1482	8	87.2	1.6	219	359	1000	8.613E-08	1700	7
STAM 119269_21	2022-09-21 12:42:09.820	13149	>10% disc.	5.536930	0.042018	0.080262	0.000425	1202	10	1072	8	89.2	0.5	369	193	819	5.433E-07	1202	10
STAM 119269_4	2022-09-21 12:22:26.451	13149	>10% disc.	11.463419	0.109129	0.059914	0.000659	600	25	539	5	89.9	0.5	176	91	260	-9.463E-07	539	5
STAM 119269_32	2022-09-21 12:51:29.947	13149		3.208874	0.037023	0.119469	0.001130	1946	17	1752	18	90.1	1.0	45	44	269	6.675E-07	1946	17
STAM 119269_39	2022-09-21 13:01:17.832	13149		3.985003	0.038036	0.098363	0.000434	1592	8	1447	12	90.9	0.2	183	43	282	3.733E-07	1592	8
STAM 119269_9	2022-09-21 12:26:50.908	13149		9.485921	0.053195	0.062541	0.000517	692	18	647	3	93.5	1.3	109	141	411	-4.592E-09	647	3
STAM 119269_17	2022-09-21 12:38:22.471	13149		3.672633	0.016755	0.101611	0.000432	1652	8	1552	6	94.0	1.0	140	137	931	1.637E-07	1652	8
STAM 119269_13	2022-09-21 12:34:41.543	13149		5.035281	0.033977	0.081979	0.000365	1243	9	1169	7	94.0	1.1	247	270	1372	8.297E-09	1243	9
STAM 119269_15	2022-09-21 12:35:57.604	13149		11.338729	0.060747	0.059390	0.000536	578	20	545	3	94.3	0.7	207	143	372	-1.151E-07	545	3
STAM 119269_26	2022-09-21 12:46:26.595	13149		3.691402	0.062059	0.100633	0.001118	1632	21	1553	24	95.1	1.9	26	49	315	4.337E-07	1632	21
STAM 119269_31	2022-09-21 12:50:50.063	13149		2.659516	0.013073	0.134973	0.000481	2162	6	2058	9	95.2	0.7	171	118	1153	3.861E-07	2162	6
STAM 119269_54	2022-09-21 14:47:11.730	13150		4.435877	0.034826	0.086687	0.000319	1352	7	1313	9	97.1	0.6	432	261	1564	1.782E-07	1352	7
STAM 119269_44	2022-09-21 13:05:42.865	13149		3.888657	0.017140	0.094547	0.000441	1517	9	1476	6	97.3	0.4	137	50	349	1.887E-07	1517	9
STAM 119269_10	2022-09-21 12:27:31.076	13149		1.950569	0.025899	0.188998	0.000838	2732	7	2678	30	98.0	2.0	28	58	750	-4.485E-08	2732	7
STAM 119269_50	2022-09-21 13:10:43.688	13149		2.808539	0.011087	0.123177	0.000352	2002	5	1964	7	98.1	0.3	216	72	688	2.886E-07	2002	5
STAM 119269_1	2022-09-21 12:20:27.099	13149		2.155030	0.010885	0.164662	0.000445	2503	5	2459	10	98.2	0.7	139	97	1202	4.746E-07	2503	5
STAM 119269_37	2022-09-21 12:59:57.592	13149		4.818903	0.017165	0.081662	0.000326	1237	8	1216	4	98.3	0.2	239	41	253	4.882E-08	1237	8
STAM 119269_6	2022-09-21 12:24:50.308	13149		1.969341	0.009484	0.183668	0.000574	2685	5	2649	11	98.6	0.6	126	76	1031	3.327E-07	2685	5
STAM 119269_24	2022-09-21 12:44:03.254	13149		3.299978	0.016162	0.105803	0.000400	1727	7	1707	8	98.8	0.5	150	74	637	1.434E-07	1727	7
STAM 119269_28	2022-09-21 12:47:46.981	13149		4.654652	0.016717	0.082938	0.000330	1266	8	1255	4	99.1	0.4	209	76	461	-1.804E-07	1266	8
STAM 119269_38	2022-09-21 13:00:37.704	13149		3.834921	0.017079	0.094019	0.000341	1507	7	1495	6	99.2	0.0	1013	36	250	6.61E-08	1507	7
STAM 119269_19	2022-09-21 12:39:40.300	13149		11.080666	0.069013	0.058958	0.000379	562	14	558	3	99.2	0.7	238	177	481	2.675E-07	558	3
STAM 119269_12	2022-09-21 12:33:57.017	13149		3.032275	0.019670	0.112941	0.000561	1846	9	1839	10	99.7	1.5	83	128	1271	2.11E-07	1846	9
STAM 119269_42	2022-09-21 13:04:23.429	13149		10.526027	0.043093	0.059590	0.000269	587	10	585	2	99.8	0.3	564	189	455	-2.975E-08	585	2
STAM 119269_30	2022-09-21 12:49:07.313	13149		3.023405	0.020076	0.112622	0.000553	1841	9	1844	11	100.2	1.2	60	75	699	-1.885E-08	1841	9
STAM 119269_46	2022-09-21 13:08:03.068	13149		4.749801	0.026287	0.081426	0.000442	1229	11	1233	6	100.3	0.5	92	50	287	1.949E-07	1229	11
STAM 119269_39	2022-09-21 13:01:57.994	13149		3.478085	0.012166	0.099220	0.000315	1608	6	1630	5	101.3	0.3	265	84	688	6.522E-08	1608	6
STAM 119269_18	2022-09-21 12:39:00.118	13149		2.114455	0.008395	0.160506	0.000427	2460	5	2498	8	101.5	0.4	278	122	1485	1.312E-07	2460	5
STAM 119269_29	2022-09-21 12:48:27.092	13149		2.884721	0.014553	0.115530	0.000498	1887	8	1919	8	101.7	0.7	97	71	701	7.928E-09	1887	8
STAM 119269_22	2022-09-21 12:42:42.664	13149		3.370926	0.019842	0.101245	0.000457	1645	8	1677	9	101.9	0.6	100	61	496	2.102E-07	1645	8
STAM 119269_27	2022-09-21 12:47:06.770	13149		4.147310	0.022408	0.087249	0.000302	1365	7	1394	7	102.1	0.2	549	136	903	3.141E-08	1365	7
STAM 119269_7	2022-09-21 12:25:30.494	13149		11.479685	0.080288	0.058049	0.000663	526	24	539	4	102.5	1.3	66	87	228	-2.107E-08	539	4
STAM 119269_8	2022-09-21 12:26:17.079	13149		2.787502	0.016846	0.117335	0.000519	1915	8	1978	10	103.3	0.4	140	51	487	3.151E-08	1915	8
STAM 119269_49	2022-09-21 13:10:06.742	13149		3.587752	0.015906	0.094276	0.000332	1512	7	1586	6	104.9	0.5	505	230	1583	1.522E-07	1512	7
STAI119257																			
STAI119257-79	2022-10-07 15:52:56.465	13224	>10% disc.	8.655671	0.075278	0.265518	0.001159	3279	7	705	6	21.5	0.9	3205	2850	24747	0.0005501	3279	7
STAI119257-77	2022-10-07 15:51:35.740	13224	>10% disc.	10.846338	0.175506	0.106092	0.000947	1731	16	571	9	33.0	0.1	3104	380	3762	7.7E-05	1731	16
STAI119257-119	2022-10-07 16:31:18.126	13224	>10% disc.	7.593788	0.049356	0.131722	0.000852	2120	11	798	5	37.6	0.5	1951	969	5342	0.0001106	2120	11
STAI119257-49	2022-10-07 14:38:12.572	13223	>10% disc.	6.856723	0.051703	0.123411	0.001648	2003	23	878	6	43.8	1.0	1496	1448	6999	6.067E-05	2003	23
STAI119257-14	2022-10-07 14:04:14.436	13223	>10% disc.	6.677689	0.026849	0.121041	0.000448	1971	7	900	3	45.7	1.3	876	1159	4290	3.434E-05	1971	7
STAI119257-69	2022-10-07 15:45:34.520	13224	>10% disc.	4.001398	0.022077	0.169160	0.000881	2548	9	1439	7	56.5	2.4	442	1048	1932	1.651E-05	2548	9
STAI119257-6	2022-10-07 13:57:56.286	13223	>10% disc.	5.754885	0.066532	0.108296	0.000504	1770	9	1035	11	58.5	1.4	475	689	2528	1.988E-05	1770	9
STAI119257-10	2022-10-07 14:01:36.238	13223	>10% disc.	5.551863	0.047806	0.107101	0.000519	1749	9	1067	9	61.0	4.6	378	1747	2734	9.081E-06	1749	9
STAI119257-7	2022-10-07 13:58:44.996	13223	>10% disc.	3.283021	0.048670	0.182858	0.001215	2677	11	1716	22	64.1	1.8	73	135	522	2.217E-06	2677	11
STAI119257-81	2022-10-07 15:59:21.621	13224	>10% disc.	4.497605	0.061807	0.123376	0.001410	2003	20	1294	17	64.6	0.9	205	189	1339	1.31E-05	2003	20
STAI119257-16	2022-10-07 14:05:33.930	13223	>10% disc.	5.763830	0.053171	0.092182	0.000560	1470	11	1033	9	70.3	0.2	620	150	1038	7.238E-06	1470	11
STAI119257-110	2022-10-07 16:24:28.539	13224	>10% disc.	5.348118	0.031650	0.093550	0.000341	1498	7	1104	7	73.7	0.2	769	128	826	1.351E-05	1498	7
STAI119257-37	2022-10-07 14:25:31.280	13223	>10% disc.	3.890760	0.019731	0.119888	0.000553	1954	8	1475	7	75.5	0.3	464	121	719	1.037E-05	1954	8
STAI119257-51	2022-10-07 14:40:24.177	13223	>10% disc.	3.380047	0.021693	0.135311	0.000911	2166	12	1672	9	77.2	1.5	184	267	994	5.792E-06	2166	12
STAI119257-61	2022-10-07 15:40:14.460	13224	>10% disc.	5.787229	0.033151	0.085779	0.000539	1332	12	1028	5	77.2	0.5	576	282	1465	1.283E-05	1332	12
STAI119257-58	2022-10-07 14:45:13.982	13223	>10% disc.	2.407121	0.010191	0.199573	0.000521	2822	4	2240	8	79.4	0.5	238	112	986	2.661E-06	2822	4
STAI119257-5	2022-10-07 13:57:21.085	13223	>10% disc.	10.742037	0.047930	0.063527	0.000547	723	18	574	2	79.4	2.0	142	280	601	2.3E-07	574	2
STAI119257-56	2022-10-07 14:43:45.078	13223	>10% disc.	4.453075	0.016632	0.097644	0.000287	1579	5	1306	4	82.8	0.3	616	209	1346	3.651E-06	1579	5
STAI119257-65	2022-10-07 15:42:45.996	13224	>10% disc.	5.203759	0.033920	0.086056	0.000354	1338	8	1134	7	84.7	1.1	600	644	3003	3.074E-06	1338	8
STAI119257-13	2022-10-07 14:03:27.070	13223	>10% disc.	4.774084	0.016845	0.089845	0.000622	1421	13	1225	4	86.2	0.4	221	90	342	1.536E-06	1421	13
STAI119257-28	2022-10-07 14:18:24.877	13223	>10% disc.	4.949722	0.015679	0.087712	0.000324	1375	7	1186	3	86.3	0.6	1355	876	4804	5.984E-06	1375	7
STAI119257-22	2022-10-07 14:14:32.368	13223	>10% disc.	4.579879	0.053337	0.092125	0.002372	1464	45	1274	13	87.0	0.5	455	232	1862	9.443E-06	1464	45
STAI119257-18	2022-10-07 14:06:49.732	13223	>10% disc.	3.568560	0.013839	0.111486	0.000444	1823	7	1593	5	87.4	0.9	287	248	1475	2.238E-06	1823	7
STAI119257-91	2022-10-07 16:06:49.632	13224	>10% disc.	5.322715	0.025526	0.083044	0.000200	1269	5	1110	5	87.5	0.6	1346	786	3882	7.964E-06	1269	5
STAI119257-35	2022-10-07 14:23:56.287	13223	>10% disc.	3.122219	0.013987	0.125354	0.000415	2033	6	1791	7	88.1	2.9	396	1131	8075	3.58E-06	2033	6
STAI119257-115	2022-10-07 16:28:39.782	13224	>10% disc.	4.558202	0.032776	0.090791	0.000166	1441	3	1279	8	88.8	0.7	1241	894	5390	1.084E-05	1441	3
STAI119257-38	2022-10-07 14:26:01.308	13223	>10% disc.	3.669232	0.015709	0.106644	0.000466	1742	8	1554	6	89.2	0.6	155	97	721	2.168E-06	1742	8
STAI119257-32	2022-10-07 14:21:55.443	13223		5.723774	0.026586	0.077936	0.000292	1144	7	1038	4	90.8	0.3	859	293	1463	3.487E-06	1144	7
STAI119257-17	2022-10-07 14:06:07.585	13223		4.126429	0.015388	0.095460	0.000358	1537	7	1399	5	91.0	0.8	129	109	462	9.385E-07	1537	7
STAI119257-68	2022-10-07 15:44:48.734	13224		4.893291	0.078801	0.084799	0.000388	1310	9	1200	17	91.6	0.7	550	408	1697	4.794E-06	1310	9

STAI119257-36	2022-10-07 14:24:45.859	13223	5.522931	0.052188	0.078784	0.000415	1166	10	1073	9	92.1	0.1	571	82	502	5.323E-06	1166	10
STAI119257-33	2022-10-07 14:22:42.825	13223	5.741871	0.027950	0.076971	0.000369	1119	10	1035	5	92.5	0.2	782	139	757	5.254E-06	1119	10
STAI119257-64	2022-10-07 15:42:05.819	13224	4.077364	0.055214	0.095404	0.000223	1535	4	1422	18	92.7	0.2	789	181	1066	5.18E-06	1535	4
STAI119257-72	2022-10-07 15:48:14.623	13224	3.529522	0.070616	0.105604	0.001028	1723	18	1605	25	93.1	0.4	325	139	1059	1.875E-06	1723	18
STAI119257-11	2022-10-07 14:02:14.073	13223	3.308115	0.023665	0.110748	0.000430	1811	7	1704	11	94.1	0.3	256	72	527	7.46E-08	1811	7
STAI119257-54	2022-10-07 14:42:37.158	13223	3.009078	0.023265	0.120523	0.000640	1963	9	1851	13	94.3	0.8	116	92	488	1.558E-06	1963	9
STAI119257-53	2022-10-07 14:41:44.414	13223	4.253091	0.018090	0.090821	0.000449	1441	9	1362	5	94.5	0.4	117	49	306	4.492E-07	1441	9
STAI119257-93	2022-10-07 16:08:07.159	13224	3.920460	0.025530	0.095864	0.000521	1543	10	1466	9	95.0	0.3	98	29	132	1.024E-06	1543	10
STAI119257-34	2022-10-07 14:23:20.352	13223	4.459779	0.016577	0.087584	0.000415	1372	9	1304	5	95.1	0.5	148	73	372	5.059E-07	1372	9
STAI119257-41	2022-10-07 14:33:03.556	13223	2.934600	0.054473	0.122656	0.001029	1993	15	1899	32	95.3	0.9	42	39	163	1.521E-06	1993	15
STAI119257-97	2022-10-07 16:10:51.688	13224	4.030198	0.029998	0.093400	0.000610	1494	12	1430	10	95.7	0.4	67	28	177	4.347E-07	1494	12
STAI119257-117	2022-10-07 16:29:51.940	13224	2.801835	0.014408	0.126891	0.000322	2054	4	1969	9	95.8	0.3	209	63	430	1.438E-07	2054	4
STAI119257-70	2022-10-07 15:46:06.954	13224	4.240398	0.044180	0.089874	0.000602	1421	13	1367	13	96.2	0.5	144	72	512	1.044E-07	1421	13
STAI119257-24	2022-10-07 14:15:44.529	13223	4.944958	0.014621	0.081530	0.000309	1233	7	1187	3	96.3	0.7	422	284	1502	2.01E-06	1233	7
STAI119257-23	2022-10-07 14:15:04.060	13223	4.428876	0.015272	0.087038	0.000321	1360	7	1313	4	96.5	0.4	281	126	728	1.408E-06	1360	7
STAI119257-60	2022-10-07 14:46:25.633	13223	6.761900	0.036127	0.069795	0.000527	920	16	890	4	96.7	1.5	117	177	741	-1.031E-06	890	4
STAI119257-88	2022-10-07 16:03:53.869	13224	3.512370	0.017007	0.102454	0.000295	1668	5	1616	7	96.9	0.7	276	201	1472	1.468E-07	1668	5
STAI119257-109	2022-10-07 16:23:44.789	13224	4.849870	0.036071	0.082035	0.000367	1245	9	1209	8	97.1	0.5	492	236	1124	4.474E-07	1245	9
STAI119257-107	2022-10-07 16:22:20.760	13224	3.558098	0.018438	0.101213	0.000343	1645	6	1598	7	97.1	1.1	131	149	1072	2.953E-07	1645	6
STAI119257-45	2022-10-07 14:35:33.846	13223	4.817486	0.018343	0.082305	0.000336	1251	8	1216	4	97.2	0.5	256	135	735	2.916E-07	1251	8
STAI119257-108	2022-10-07 16:23:01.957	13224	5.196713	0.023919	0.078705	0.000338	1163	8	1135	5	97.6	0.6	184	103	496	-2.136E-07	1163	8
STAI119257-94	2022-10-07 16:08:49.882	13224	3.692583	0.021289	0.097808	0.000434	1581	8	1545	8	97.7	0.8	143	118	649	9.57E-07	1581	8
STAI119257-2	2022-10-07 13:55:15.182	13223	3.612484	0.020621	0.099494	0.000473	1614	9	1577	8	97.7	0.8	68	55	386	2.554E-07	1614	9
STAI119257-1	2022-10-07 13:54:37.174	13223	4.833587	0.012210	0.081819	0.000281	1240	7	1212	3	97.7	0.3	366	110	569	1.231E-06	1240	7
STAI119257-15	2022-10-07 14:04:50.935	13223	3.887913	0.017178	0.094067	0.000303	1508	6	1476	6	97.9	0.7	311	227	1527	4.645E-07	1508	6
STAI119257-80	2022-10-07 15:53:44.375	13224	4.462882	0.035677	0.085868	0.000510	1333	12	1305	9	97.9	0.5	104	54	338	4.368E-07	1333	12
STAI119257-98	2022-10-07 16:11:24.756	13224	3.799883	0.017423	0.095542	0.000321	1537	6	1507	6	98.0	0.6	134	78	526	7.761E-08	1537	6
STAI119257-92	2022-10-07 16:07:31.213	13224	5.336374	0.031743	0.077437	0.000595	1130	15	1108	6	98.0	0.5	100	50	243	7.413E-07	1130	15
STAI119257-76	2022-10-07 15:50:57.102	13224	3.411105	0.019799	0.103787	0.000252	1692	4	1659	8	98.1	0.6	235	130	961	5.587E-07	1692	4
STAI119257-78	2022-10-07 15:52:17.394	13224	3.593972	0.015988	0.099351	0.000276	1611	5	1584	6	98.3	0.3	274	95	734	6.642E-07	1611	5
STAI119257-114	2022-10-07 16:27:53.995	13224	4.839451	0.024992	0.081528	0.000496	1232	12	1212	6	98.4	1.0	460	458	2578	1.953E-06	1232	12
STAI119257-71	2022-10-07 15:47:36.194	13224	5.147834	0.040105	0.078763	0.000183	1165	5	1147	8	98.4	0.4	691	261	1305	1.224E-06	1165	5
STAI119257-120	2022-10-07 16:31:52.460	13224	4.420117	0.017741	0.085976	0.000318	1336	7	1315	5	98.5	2.3	162	367	2085	4.667E-07	1336	7
STAI119257-43	2022-10-07 14:34:24.992	13223	3.757254	0.016680	0.095852	0.000348	1544	7	1521	6	98.5	0.2	497	84	578	1.739E-06	1544	7
STAI119257-67	2022-10-07 15:44:06.586	13224	3.560399	0.025248	0.099752	0.000322	1618	6	1597	10	98.7	0.6	254	141	1059	3.067E-07	1618	6
STAI119257-21	2022-10-07 14:13:43.475	13223	5.371886	0.034690	0.076779	0.000586	1115	15	1101	7	98.8	0.9	78	73	358	4.862E-07	1115	15
STAI119257-89	2022-10-07 16:04:34.040	13224	3.962393	0.032786	0.092240	0.000547	1471	11	1454	11	98.8	0.6	58	35	222	6.157E-07	1471	11
STAI119257-4	2022-10-07 13:56:40.501	13223	2.991110	0.016039	0.115222	0.000522	1882	8	1860	9	98.8	0.9	181	165	1316	5.202E-07	1882	8
STAI119257-3	2022-10-07 13:55:55.450	13223	3.732228	0.021545	0.096134	0.000507	1549	10	1532	8	98.9	0.7	74	55	388	-1.658E-07	1549	10
STAI119257-95	2022-10-07 16:09:24.191	13224	5.091180	0.018992	0.078936	0.000168	1169	4	1157	4	98.9	0.1	739	90	451	2.419E-07	1169	4
STAI119257-25	2022-10-07 14:16:24.719	13223	4.766682	0.039497	0.082021	0.000646	1243	16	1230	9	98.9	1.0	67	69	394	4.647E-07	1243	16
STAI119257-48	2022-10-07 14:37:34.223	13223	3.145200	0.012019	0.109956	0.000322	1798	5	1780	6	99.0	0.6	132	81	696	-1.171E-07	1798	5
STAI119257-31	2022-10-07 14:21:16.498	13223	3.819283	0.008259	0.094385	0.000246	1515	5	1499	3	99.0	0.5	265	127	869	6.873E-07	1515	5
STAI119257-75	2022-10-07 15:50:16.894	13224	3.142599	0.012707	0.110038	0.000210	1799	3	1782	6	99.0	1.5	400	603	4955	3.555E-07	1799	3
STAI119257-100	2022-10-07 16:12:45.053	13224	3.347422	0.021965	0.104341	0.000382	1702	7	1686	10	99.1	1.0	303	302	2347	6.457E-07	1702	7
STAI119257-116	2022-10-07 16:29:11.777	13224	6.144991	0.050583	0.071911	0.000589	981	17	973	7	99.2	0.4	145	56	261	-2.791E-07	973	7
STAI119257-12	2022-10-07 14:02:46.776	13223	2.960126	0.008502	0.115859	0.000311	1892	5	1877	5	99.2	1.4	185	260	2294	-3.089E-08	1892	5
STAI119257-46	2022-10-07 14:36:13.933	13223	2.886235	0.016941	0.118723	0.000558	1935	8	1920	10	99.2	1.4	59	82	747	7.383E-07	1935	8
STAI119257-63	2022-10-07 15:41:25.698	13224	3.644680	0.018039	0.097439	0.000230	1575	4	1563	7	99.3	1.4	325	450	3182	1.406E-06	1575	4
STAI119257-8	2022-10-07 13:59:17.559	13223	4.991510	0.031515	0.079694	0.000468	1187	12	1179	7	99.3	0.6	98	61	276	1.781E-07	1187	12
STAI119257-74	2022-10-07 15:49:36.749	13224	3.094853	0.014029	0.111016	0.000256	1815	4	1806	7	99.5	0.3	401	129	1112	3.152E-07	1815	4
STAI119257-85	2022-10-07 16:01:53.220	13224	4.695081	0.022946	0.082306	0.000236	1252	6	1246	6	99.5	0.4	328	116	654	-4.03E-08	1252	6
STAI119257-19	2022-10-07 14:07:31.954	13223	3.537471	0.009937	0.099387	0.000188	1612	4	1605	4	99.6	0.2	629	134	953	-1.651E-07	1612	4
STAI119257-87	2022-10-07 16:03:13.684	13224	5.109601	0.022404	0.078399	0.000315	1155	8	1152	5	99.8	0.5	207	107	560	3.084E-07	1155	8
STAI119257-86	2022-10-07 16:02:36.411	13224	2.789630	0.009999	0.121691	0.000328	1980	5	1976	6	99.8	0.4	227	85	559	6.371E-07	1980	5
STAI119257-30	2022-10-07 14:19:53.094	13223	2.636784	0.007364	0.128380	0.000291	2075	4	2073	5	99.9	0.1	408	56	509	-3.799E-07	2075	4
STAI119257-118	2022-10-07 16:30:32.033	13224	3.703725	0.014269	0.095734	0.000229	1541	5	1542	5	100.0	0.3	329	95	650	-1.587E-07	1541	5
STAI119257-59	2022-10-07 14:45:45.475	13223	4.381242	0.019781	0.085508	0.000364	1325	8	1326	5	100.1	1.2	131	154	948	2.414E-07	1325	8
STAI119257-66	2022-10-07 15:43:26.329	13224	4.846313	0.020217	0.080514	0.000219	1208	5	1210	5	100.1	0.4	320	113	623	6.748E-08	1208	5
STAI119257-57	2022-10-07 14:44:25.193	13223	3.754568	0.012416	0.094681	0.000245	1521	5	1523	4	100.1	0.3	311	94	692	-1.016E-07	1521	5
STAI119257-113	2022-10-07 16:27:11.316	13224	3.497879	0.026212	0.099726	0.000477	1618	9	1622	11	100.3	0.7	73	53	393	4.385E-07	1618	9
STAI119257-40	2022-10-07 14:27:17.245	13223	4.792860	0.019668	0.080943	0.000405	1218	10	1222	5	100.3	0.3	170	49	265	-4.192E-07	1218	10
STAI119257-104	2022-10-07 16:20:20.272	13224	3.588506	0.020911	0.097790	0.000323	1581	6	1586	8	100.3	0.5	224	110	878	5.492E-07	1581	6
STAI119257-26	2022-10-07 14:17:04.873	13223	2.926285	0.020594	0.115862	0.000452	1892	7	1898	12	100.3	0.8	68	53	449	2.386E-07	1892	7
STAI119257-102	2022-10-07 16:19:06.547	13224	3.490150	0.022327	0.099686	0.000268	1618	5	1624	9	100.4	0.5	437	210	1464	1.733E-07	1618	5
STAI119257-42	2022-10-07 14:33:35.391	13223	3.986368	0.013308	0.090608	0.000271	1437	6	1443	4	100.4	0.6	285	162	1033	7.437E-07	1437	6
STAI119257-96	2022-10-07 16:10:10.636	13224	3.495596	0.018537	0.099613	0.000348	1616	7	1623	8	100.4	0.4	222	83	509	5.253E-07	1616	7
STAI119257-99	2022-10-07 16:12:04.950	13224	3.658410	0.019444	0.096248	0.000384	1551	7	1558	7	100.5	0.8	112	85	601	3.552E-07	1551	7

STAI119257-111	2022-10-07 16:25:50.667	13224		3.467000	0.013960	0.100175	0.000217	1626	4	1635	6	100.5	0.8	609	462	3593	6.554E-07	1626	4
STAI119257-55	2022-10-07 14:43:04.830	13223		4.937056	0.017691	0.079464	0.000394	1182	10	1189	4	100.6	0.5	172	83	460	-5.274E-07	1182	10
STAI119257-73	2022-10-07 15:48:56.592	13224		4.800301	0.031967	0.080760	0.000422	1213	10	1222	7	100.7	0.6	84	47	262	1.695E-07	1213	10
STAI119257-52	2022-10-07 14:41:10.597	13223		3.148899	0.017050	0.108029	0.000582	1765	10	1778	8	100.7	0.8	148	118	991	3.546E-07	1765	10
STAI119257-62	2022-10-07 15:40:50.666	13224		2.935795	0.014133	0.114632	0.000360	1873	6	1891	8	100.9	0.0	167	2	28	1.02E-06	1873	6
STAI119257-105	2022-10-07 16:21:00.446	13224		5.759081	0.028257	0.073382	0.000318	1023	9	1033	5	101.0	0.6	180	109	510	7.828E-07	1023	9
STAI119257-44	2022-10-07 14:34:54.050	13223		2.726235	0.016570	0.122142	0.000421	1987	6	2016	10	101.5	1.1	142	150	1520	-1.772E-07	1987	6
STAI119257-20	2022-10-07 14:08:16.051	13223		3.841292	0.019907	0.092204	0.000486	1470	10	1492	7	101.5	0.8	136	109	718	-2.301E-09	1470	10
STAI119257-84	2022-10-07 16:01:25.690	13224		3.366490	0.023716	0.101572	0.000404	1652	7	1677	10	101.5	1.6	296	476	3410	2.161E-06	1652	7
STAI119257-90	2022-10-07 16:05:14.584	13224		3.678514	0.021619	0.094967	0.000280	1527	6	1552	8	101.6	0.4	281	99	563	5.117E-07	1527	6
STAI119257-83	2022-10-07 16:00:32.612	13224		5.806623	0.032667	0.072815	0.000314	1007	9	1025	5	101.8	0.4	206	77	364	4.019E-07	1007	9
STAI119257-82	2022-10-07 15:59:52.404	13224		3.545900	0.022755	0.096727	0.000344	1561	7	1602	9	102.6	0.4	183	66	493	3.541E-07	1561	7
STAI119257-29	2022-10-07 14:19:09.577	13223		3.336263	0.019420	0.101153	0.000469	1644	9	1689	8	102.7	0.9	96	90	699	6.481E-07	1644	9
STAI119257-106	2022-10-07 16:21:40.643	13224		4.552235	0.024129	0.082068	0.000315	1246	8	1281	6	102.9	0.5	160	76	433	-2.809E-07	1246	8
STAI119257-39	2022-10-07 14:26:42.026	13223		3.460970	0.024472	0.098382	0.000540	1592	10	1638	10	102.9	0.5	77	37	270	5.316E-07	1592	10
STAI119257-103	2022-10-07 16:19:40.082	13224		3.393177	0.018838	0.099798	0.000334	1620	6	1667	8	102.9	0.3	124	37	260	-6.68E-08	1620	6
STAI119257-112	2022-10-07 16:26:31.195	13224		3.307340	0.016909	0.101695	0.000371	1654	7	1704	7	103.1	0.6	510	283	2370	1.278E-06	1654	7
STAI119257-9	2022-10-07 13:59:56.850	13223		2.473320	0.014365	0.131196	0.000581	2113	8	2190	11	103.6	0.3	99	29	329	-4.812E-07	2113	8
STAI119257-27	2022-10-07 14:17:44.130	13223		4.529242	0.062209	0.081228	0.000957	1225	23	1288	16	105.1	0.4	73	31	165	5.576E-07	1225	23
STAI119257-101	2022-10-07 16:18:19.763	13224		2.010088	0.041779	0.161163	0.000809	2466	8	2627	45	106.5	0.9	21	18	215	8.939E-07	2466	8
STAI119257-47	2022-10-07 14:37:05.652	13223		3.438686	0.030632	0.094217	0.000597	1511	12	1645	14	108.9	1.2	82	96	749	-2.424E-07	1511	12
STAI119257-50	2022-10-07 14:38:58.513	13223	>10% disc.	3.609304	0.019184	0.090247	0.000444	1429	9	1577	7	110.4	0.4	125	44	358	-6.888E-07	1429	9

STAL119260

STAL119260-13	2022-10-10 13:21:25.282	13227	>10% disc.	4.258907	0.101609	0.199028	0.001254	2817	10	1371	29	48.7	3.0	47	141	232	1.799E-06	2817	10
STAL119260-95	2022-10-10 16:01:32.119	13229	>10% disc.	7.071881	0.093815	0.092686	0.000294	1480	6	855	11	57.7	1.6	1078	1750	8057	6.352E-06	1480	6
STAL119260-16	2022-10-10 13:23:26.628	13227	>10% disc.	3.526989	0.045660	0.172497	0.000562	2581	5	1614	18	62.5	1.8	196	344	1269	3.299E-06	2581	5
STAL119260-12	2022-10-10 13:19:51.582	13227	>10% disc.	2.722692	0.080433	0.204839	0.002031	2862	16	2049	53	71.6	1.2	74	86	375	9.477E-07	2862	16
STAL119260-74	2022-10-10 15:40:52.725	13229	>10% disc.	4.002164	0.053414	0.121735	0.000691	1980	10	1443	17	72.9	1.0	172	165	717	1.676E-06	1980	10
STAL119260-113	2022-10-10 16:20:17.467	13229	>10% disc.	2.634192	0.041024	0.194408	0.000861	2779	7	2078	27	74.8	0.5	369	181	1296	1.588E-06	2779	7
STAL119260-62	2022-10-10 15:31:03.029	13229	>10% disc.	2.717862	0.025532	0.184593	0.000366	2694	3	2023	16	75.1	1.3	219	294	2618	4.632E-07	2694	3
STAL119260-71	2022-10-10 15:37:52.074	13229	>10% disc.	5.342626	0.093491	0.088154	0.000771	1383	17	1111	17	80.3	0.7	212	157	835	2.28E-06	1383	17
STAL119260-87	2022-10-10 15:55:25.859	13229	>10% disc.	2.617062	0.035807	0.173690	0.000737	2592	7	2093	24	80.7	1.3	129	166	1146	3.35E-07	2592	7
STAL119260-7	2022-10-10 13:16:22.695	13227	>10% disc.	2.357058	0.039831	0.197324	0.000543	2803	5	2286	32	81.6	0.9	252	237	1264	7.596E-06	2803	5
STAL119260-109	2022-10-10 16:17:37.005	13229	>10% disc.	2.423353	0.029474	0.185861	0.000705	2705	6	2234	23	82.6	0.4	144	53	114	1.372E-06	2705	6
STAL119260-60	2022-10-10 14:07:06.737	13227	>10% disc.	2.820103	0.025087	0.146909	0.000353	2309	4	1960	15	84.9	1.3	143	179	939	1.772E-06	2309	4
STAL119260-9	2022-10-10 13:17:50.863	13227	>10% disc.	3.101406	0.024619	0.131508	0.000491	2117	7	1804	13	85.2	2.3	94	220	584	2.662E-06	2117	7
STAL119260-90	2022-10-10 15:57:17.889	13229	>10% disc.	2.001098	0.019148	0.227309	0.000611	3032	4	2609	21	86.0	0.4	254	97	1236	1.625E-06	3032	4
STAL119260-88	2022-10-10 15:55:57.532	13229	>10% disc.	3.339116	0.060266	0.120373	0.000868	1960	13	1694	27	86.4	1.0	63	66	130	1.206E-06	1960	13
STAL119260-48	2022-10-10 13:57:20.839	13227	>10% disc.	2.060401	0.025551	0.202998	0.000546	2850	4	2555	26	89.7	0.7	256	185	1791	2.354E-06	2850	4
STAL119260-85	2022-10-10 15:53:57.317	13229		2.073348	0.010812	0.193279	0.000335	2769	3	2539	11	91.7	0.4	176	67	334	1.297E-06	2769	3
STAL119260-115	2022-10-10 16:22:30.002	13229		1.869886	0.014651	0.222386	0.000450	2997	3	2762	18	92.2	0.7	132	93	1088	6.446E-07	2997	3
STAL119260-29	2022-10-10 13:37:57.403	13227		2.013647	0.020022	0.199504	0.000378	2821	3	2603	21	92.3	1.3	233	302	2622	7.15E-07	2821	3
STAL119260-3	2022-10-10 13:12:50.768	13227		3.162394	0.029234	0.117579	0.000390	1919	6	1773	14	92.4	0.3	141	49	411	7.292E-08	1919	6
STAL119260-41	2022-10-10 13:51:45.853	13227		2.073696	0.017245	0.189039	0.000535	2733	5	2542	17	93.0	0.7	90	67	744	2.203E-07	2733	5
STAL119260-118	2022-10-10 16:24:40.547	13229		2.057460	0.028672	0.186071	0.000398	2707	4	2556	29	94.4	1.4	189	265	3164	7.206E-07	2707	4
STAL119260-56	2022-10-10 14:04:25.472	13227		2.049682	0.028797	0.186839	0.000790	2714	7	2566	30	94.6	0.6	127	73	907	6.196E-08	2714	7
STAL119260-50	2022-10-10 13:59:41.755	13227		2.920533	0.030872	0.122945	0.000463	1998	7	1902	17	95.2	1.2	106	126	859	1.013E-06	1998	7
STAL119260-67	2022-10-10 15:35:24.762	13229		2.589699	0.032441	0.138845	0.000999	2211	12	2108	22	95.3	0.6	47	27	292	8.688E-07	2211	12
STAL119260-105	2022-10-10 16:14:11.375	13229		2.997414	0.024629	0.118367	0.000538	1930	8	1858	13	96.3	1.6	91	149	1300	1.084E-06	1930	8
STAL119260-57	2022-10-10 14:05:06.257	13227		2.907828	0.031483	0.121706	0.000420	1980	6	1909	18	96.4	0.3	183	62	631	6.232E-07	1980	6
STAL119260-65	2022-10-10 15:32:58.417	13229		2.016617	0.019757	0.184557	0.000351	2693	3	2601	21	96.6	0.9	147	137	1799	3.9E-07	2693	3
STAL119260-46	2022-10-10 13:56:10.232	13227		2.029501	0.020580	0.182549	0.000555	2675	5	2586	21	96.7	0.8	115	92	836	3.506E-08	2675	5
STAL119260-18	2022-10-10 13:24:38.499	13227		2.684324	0.025134	0.130994	0.000425	2110	6	2045	17	96.9	1.1	133	143	1279	1.888E-07	2110	6
STAL119260-99	2022-10-10 16:09:14.364	13229		2.259610	0.015654	0.157570	0.000441	2429	5	2363	13	97.3	0.5	72	35	419	3.923E-07	2429	5
STAL119260-4	2022-10-10 13:13:31.542	13227		3.851955	0.028202	0.095253	0.000308	1532	6	1490	10	97.3	0.3	154	40	294	-1.072E-07	1532	6
STAL119260-6	2022-10-10 13:14:51.790	13227		2.875709	0.039855	0.121392	0.000390	1976	6	1928	23	97.6	0.1	270	34	353	-3.29E-07	1976	6
STAL119260-69	2022-10-10 15:36:32.012	13229		2.266893	0.043776	0.156478	0.000814	2417	9	2362	38	97.7	0.8	61	48	590	1.199E-06	2417	9
STAL119260-20	2022-10-10 13:31:00.850	13227		1.951802	0.026039	0.189048	0.000605	2733	5	2673	29	97.8	2.7	82	221	3020	6.537E-07	2733	5
STAL119260-117	2022-10-10 16:23:51.905	13229		2.240244	0.038510	0.159164	0.000839	2445	9	2396	34	98.0	1.1	17	20	234	2.555E-08	2445	9
STAL119260-81	2022-10-10 15:50:35.115	13229		1.848399	0.016197	0.202325	0.000459	2844	4	2788	21	98.0	1.0	105	108	1385	1.152E-07	2844	4
STAL119260-14	2022-10-10 13:21:57.764	13227		4.636744	0.033994	0.083731	0.000266	1285	6	1260	9	98.1	0.4	197	75	476	8.175E-07	1285	6
STAL119260-100	2022-10-10 16:09:50.463	13229		2.213411	0.015463	0.159625	0.000291	2451	3	2405	14	98.1	1.3	142	190	2390	-9.835E-09	2451	3
STAL119260-97	2022-10-10 16:07:51.375	13229		1.905788	0.012035	0.193462	0.000322	2771	3	2720	14	98.2	0.8	149	118	1722	1.072E-06	2771	3
STAL119260-114	2022-10-10 16:21:09.213	13229		1.876976	0.045038	0.197746	0.001249	2806	10	2761	53	98.4	0.4	24	10	139	-1.816E-06	2806	10
STAL119260-107	2022-10-10 16:15:30.839	13229		1.972006	0.015959	0.184187	0.000569	2690	5	2648	18	98.4	1.0	61	62	835	7.167E-07	2690	5
STAL119260-22	2022-10-10 13:32:30.812	13227		2.077260	0.034459	0.171588	0.000600	2572	6	2533	33	98.5	0.4	86	38	487	-6.117E-07	2572	6

STAL119260-112	2022-10-10 16:19:38.003	13229	2.220426	0.032553	0.159035	0.000772	2444	8	2410	30	98.6	0.8	19	15	183	-4.159E-07	2444	8
STAL119260-28	2022-10-10 13:37:12.152	13227	2.961441	0.023328	0.116684	0.000423	1905	6	1879	13	98.7	1.3	69	92	825	-3.535E-07	1905	6
STAL119260-104	2022-10-10 16:13:24.591	13229	2.836463	0.016735	0.121114	0.000262	1972	4	1946	10	98.7	0.9	159	141	1367	-7.37E-08	1972	4
STAL119260-19	2022-10-10 13:30:18.106	13227	1.918768	0.014878	0.189782	0.000340	2739	3	2707	18	98.8	0.4	133	56	790	2.424E-07	2739	3
STAL119260-11	2022-10-10 13:19:10.956	13227	2.007585	0.026703	0.178780	0.000861	2640	8	2609	27	98.8	0.6	40	25	332	7.925E-07	2640	8
STAL119260-66	2022-10-10 15:33:39.649	13229	1.922782	0.015878	0.189191	0.000390	2734	3	2704	18	98.9	0.6	112	63	862	-8.475E-07	2734	3
STAL119260-76	2022-10-10 15:42:04.833	13229	1.861149	0.016550	0.198023	0.000416	2809	3	2779	20	98.9	0.7	66	45	625	-2.839E-07	2809	3
STAL119260-92	2022-10-10 15:59:36.209	13229	1.946794	0.014881	0.185746	0.000464	2704	4	2676	17	98.9	2.3	59	137	1840	-1.071E-07	2704	4
STAL119260-35	2022-10-10 13:42:55.746	13227	2.826392	0.035160	0.121246	0.000739	1973	11	1953	22	99.0	0.5	66	30	277	-3.166E-07	1973	11
STAL119260-17	2022-10-10 13:23:58.265	13227	3.087126	0.022625	0.111789	0.000264	1828	4	1810	12	99.1	0.1	215	26	242	5.892E-07	1828	4
STAL119260-40	2022-10-10 13:51:16.967	13227	2.896052	0.044885	0.118431	0.000572	1931	9	1914	28	99.1	0.7	121	86	688	2.116E-07	1931	9
STAL119260-82	2022-10-10 15:51:04.167	13229	1.836860	0.020736	0.200822	0.000565	2832	5	2808	26	99.2	0.9	47	40	593	-3.462E-08	2832	5
STAL119260-86	2022-10-10 15:54:48.329	13229	1.808988	0.016054	0.204166	0.000388	2859	3	2835	19	99.2	0.4	170	68	945	-4.305E-07	2859	3
STAL119260-101	2022-10-10 16:10:31.207	13229	3.584971	0.040860	0.098871	0.000503	1601	9	1590	16	99.3	0.2	85	21	175	4.291E-07	1601	9
STAL119260-1	2022-10-10 13:11:30.936	13227	2.804071	0.022113	0.121784	0.000238	1982	3	1968	13	99.3	0.4	166	65	690	1.115E-06	1982	3
STAL119260-49	2022-10-10 13:58:52.502	13227	1.933757	0.025532	0.186441	0.000621	2710	5	2692	29	99.3	0.5	136	64	951	3.872E-07	2710	5
STAL119260-73	2022-10-10 15:40:13.624	13229	2.817864	0.027869	0.120949	0.000375	1970	6	1958	16	99.4	0.7	146	105	947	-5.718E-08	1970	6
STAL119260-53	2022-10-10 14:01:34.041	13227	4.491988	0.037753	0.084616	0.000370	1305	8	1297	10	99.4	0.3	130	44	303	2.533E-07	1305	8
STAL119260-89	2022-10-10 15:56:46.131	13229	3.178653	0.023900	0.108426	0.000308	1772	5	1763	11	99.5	1.4	205	285	2360	3.525E-07	1772	5
STAL119260-2	2022-10-10 13:12:11.145	13227	3.801917	0.029647	0.094436	0.000276	1516	6	1508	10	99.5	0.3	180	57	438	1.186E-07	1516	6
STAL119260-15	2022-10-10 13:22:44.719	13227	1.926669	0.023247	0.186610	0.000613	2711	5	2698	27	99.5	0.7	56	40	497	1.004E-06	2711	5
STAL119260-103	2022-10-10 16:12:43.565	13229	2.064025	0.061744	0.174723	0.001285	2601	12	2589	64	99.5	0.5	13	6	86	7.782E-07	2601	12
STAL119260-77	2022-10-10 15:42:45.801	13229	1.889739	0.016495	0.191573	0.000466	2755	4	2744	19	99.6	0.5	54	28	392	-1.188E-07	2755	4
STAL119260-93	2022-10-10 16:00:13.472	13229	3.943354	0.038222	0.092066	0.000586	1466	12	1460	13	99.6	0.8	42	34	244	-4.132E-07	1466	12
STAL119260-38	2022-10-10 13:49:45.334	13227	2.169452	0.026251	0.160239	0.000650	2457	7	2447	23	99.6	0.9	35	33	413	-4.323E-07	2457	7
STAL119260-24	2022-10-10 13:33:39.196	13227	1.925406	0.022101	0.187306	0.000646	2717	6	2707	25	99.6	1.0	36	37	507	-1.561E-07	2717	6
STAL119260-59	2022-10-10 14:06:40.161	13227	2.071099	0.029672	0.169787	0.001792	2554	18	2543	30	99.6	0.7	47	33	414	1.1E-06	2554	18
STAL119260-98	2022-10-10 16:08:31.489	13229	2.892726	0.021069	0.117945	0.000405	1924	6	1917	12	99.6	0.4	74	29	286	1.022E-07	1924	6
STAL119260-111	2022-10-10 16:19:04.359	13229	2.732290	0.018421	0.124422	0.000421	2019	6	2012	12	99.6	0.6	95	54	525	-1.368E-07	2019	6
STAL119260-102	2022-10-10 16:11:12.377	13229	2.056105	0.015797	0.170838	0.000464	2565	5	2559	16	99.8	1.5	71	107	1368	-2.622E-07	2565	5
STAL119260-96	2022-10-10 16:02:11.455	13229	2.902078	0.031630	0.117487	0.000532	1917	8	1912	17	99.8	0.7	45	31	308	-1.487E-06	1917	8
STAL119260-63	2022-10-10 15:31:46.547	13229	2.871645	0.036006	0.118776	0.000682	1936	10	1932	21	99.8	1.5	35	53	490	2.688E-07	1936	10
STAL119260-36	2022-10-10 13:43:25.112	13227	2.788067	0.025319	0.121984	0.000386	1984	6	1980	15	99.8	0.5	137	63	633	-6.028E-07	1984	6
STAL119260-58	2022-10-10 14:05:50.868	13227	2.925754	0.026768	0.116569	0.000445	1903	7	1900	15	99.8	0.9	88	81	753	-1.328E-07	1903	7
STAL119260-116	2022-10-10 16:23:17.115	13229	1.876608	0.013854	0.192351	0.000430	2761	4	2757	17	99.8	0.2	111	23	300	-4.112E-07	2761	4
STAL119260-33	2022-10-10 13:41:25.528	13227	2.787600	0.030071	0.121985	0.000565	1984	8	1981	18	99.8	0.9	45	42	411	3.111E-07	1984	8
STAL119260-72	2022-10-10 15:38:33.226	13229	1.911030	0.023617	0.186734	0.000676	2712	6	2709	26	99.9	1.1	33	35	465	-6.914E-07	2712	6
STAL119260-120	2022-10-10 16:25:54.626	13229	1.899268	0.023253	0.189427	0.000646	2736	6	2734	28	99.9	0.8	58	49	680	-1.426E-06	2736	6
STAL119260-80	2022-10-10 15:49:50.758	13229	1.752825	0.016819	0.210777	0.000549	2911	4	2909	21	99.9	0.3	125	34	564	-3.002E-07	2911	4
STAL119260-55	2022-10-10 14:03:52.599	13227	3.778375	0.031214	0.094511	0.000538	1517	11	1516	11	100.0	0.6	101	61	463	1.499E-07	1517	11
STAL119260-32	2022-10-10 13:40:55.704	13227	2.867822	0.039989	0.118432	0.000303	1932	5	1934	24	100.1	0.5	270	127	1070	6.934E-07	1932	5
STAL119260-78	2022-10-10 15:43:40.570	13229	1.841420	0.057990	0.198311	0.001062	2811	9	2814	75	100.1	1.0	123	122	868	-4.231E-06	2811	9
STAL119260-37	2022-10-10 13:49:05.206	13227	2.874129	0.026732	0.118124	0.000466	1927	7	1930	15	100.1	1.6	72	115	1122	5.15E-08	1927	7
STAL119260-106	2022-10-10 16:14:46.989	13229	2.925849	0.028743	0.116196	0.000562	1897	9	1900	16	100.2	1.1	48	52	489	1.323E-07	1897	9
STAL119260-110	2022-10-10 16:18:17.884	13229	1.913384	0.017819	0.186367	0.000447	2709	4	2715	21	100.2	0.8	86	67	956	2.581E-08	2709	4
STAL119260-54	2022-10-10 14:02:25.601	13227	2.568115	0.039492	0.131751	0.000548	2120	7	2125	28	100.2	0.4	193	72	826	1.496E-06	2120	7
STAL119260-47	2022-10-10 13:56:40.293	13227	2.708567	0.021196	0.124688	0.000367	2023	5	2028	14	100.2	0.3	114	35	361	2.953E-07	2023	5
STAL119260-43	2022-10-10 13:53:59.382	13227	1.856676	0.014404	0.193771	0.000426	2774	4	2782	18	100.3	1.3	81	106	1472	7.969E-07	2774	4
STAL119260-42	2022-10-10 13:52:26.283	13227	1.867083	0.016526	0.192149	0.000496	2760	4	2768	20	100.3	0.7	87	62	882	-5.284E-07	2760	4
STAL119260-44	2022-10-10 13:54:39.515	13227	2.762866	0.023483	0.122294	0.000388	1989	6	1996	15	100.3	0.5	89	40	393	1.305E-07	1989	6
STAL119260-31	2022-10-10 13:40:11.798	13227	1.817090	0.022391	0.199277	0.000680	2819	6	2830	27	100.4	0.9	61	52	739	8.614E-08	2819	6
STAL119260-45	2022-10-10 13:55:19.018	13227	2.053731	0.024191	0.169541	0.000753	2552	7	2561	25	100.4	1.6	44	70	939	-3.722E-07	2552	7
STAL119260-8	2022-10-10 13:17:04.359	13227	2.054134	0.017665	0.169591	0.000492	2553	5	2562	18	100.4	0.9	52	45	603	1.919E-07	2553	5
STAL119260-79	2022-10-10 15:49:04.692	13229	1.824918	0.019222	0.198391	0.000553	2813	4	2825	24	100.4	0.4	68	30	441	4.687E-07	2813	4
STAL119260-30	2022-10-10 13:38:43.171	13227	1.725181	0.035115	0.215977	0.001217	2950	9	2963	52	100.5	0.3	71	19	169	8.077E-07	2950	9
STAL119260-39	2022-10-10 13:50:25.453	13227	2.151269	0.023626	0.160128	0.000487	2456	5	2468	22	100.5	0.6	74	44	578	8.897E-08	2456	5
STAL119260-34	2022-10-10 13:42:05.391	13227	2.666326	0.024909	0.126239	0.000455	2046	7	2058	17	100.6	0.5	77	37	396	-1.177E-07	2046	7
STAL119260-75	2022-10-10 15:41:24.513	13229	1.890984	0.013215	0.188026	0.000363	2724	3	2741	16	100.6	0.2	79	15	221	5.41E-07	2724	3
STAL119260-108	2022-10-10 16:16:05.322	13229	1.847912	0.019382	0.193800	0.000606	2774	5	2791	24	100.6	0.5	46	24	342	-1.417E-08	2774	5
STAL119260-61	2022-10-10 15:30:18.759	13229	2.222112	0.038731	0.154270	0.000880	2392	10	2408	37	100.7	0.6	21	13	161	6.45E-07	2392	10
STAL119260-23	2022-10-10 13:32:59.025	13227	1.869851	0.022663	0.190657	0.000793	2747	7	2766	26	100.7	1.4	33	46	647	3.503E-07	2747	7
STAL119260-26	2022-10-10 13:35:51.734	13227	1.885760	0.018202	0.188824	0.000575	2731	5	2750	22	100.7	0.3	88	27	410	1.043E-07	2731	5
STAL119260-51	2022-10-10 14:00:13.492	13227	1.904586	0.022166	0.186019	0.000606	2706	5	2727	26	100.8	0.9	66	57	855	-8.849E-08	2706	5
STAL119260-91	2022-10-10 15:58:50.900	13229	2.607230	0.021733	0.128580	0.000382	2078	5	2095	15	100.8	0.8	89	69	735	7.69E-07	2078	5
STAL119260-64	2022-10-10 15:32:18.929	13229	3.877539	0.042332	0.092219	0.000408	1470	8	1483	14	100.9	0.4	111	41	303	2.62E-07	1470	8
STAL119260-68	2022-10-10 15:35:51.551	13229	1.805423	0.026994	0.200126	0.000695	2826	6	2852	33	100.9	0.5	23	12	170	5.739E-07	2826	6
STAL119260-27	2022-10-10 13:36:33.080	13227	1.792275	0.021536	0.201801	0.000569	2840	5	2868	28	101.0	0.4	40	15	221	2.659E-07	2840	5
STAL119260-21	2022-10-10 13:31:50.723	13227	1.895487	0.031416	0.186618	0.000775	2712	7	2739	39	101.0	1.0	54	57	745	-1.836E-07	2712	7

STAL119260-70	2022-10-10 15:37:14.951	13229		2.600302	0.029843	0.128773	0.000351	2080	5	2102	20	101.0	0.7	183	134	1393	6.539E-07	2080	5
STAL119260-25	2022-10-10 13:35:11.823	13227		2.031799	0.017451	0.169959	0.000396	2556	4	2585	18	101.1	0.7	88	61	850	1.627E-06	2556	4
STAL119260-84	2022-10-10 15:52:25.013	13229		2.247427	0.029960	0.150856	0.000561	2354	6	2382	26	101.2	1.0	56	54	661	-2.569E-07	2354	6
STAL119260-5	2022-10-10 13:14:24.561	13227		2.591153	0.047681	0.129166	0.000716	2085	10	2111	34	101.2	0.4	101	40	187	8.33E-07	2085	10
STAL119260-52	2022-10-10 14:00:57.680	13227		2.165194	0.041318	0.158082	0.000945	2433	10	2464	38	101.3	1.1	22	25	301	-4.961E-07	2433	10
STAL119260-10	2022-10-10 13:18:24.936	13227		1.844564	0.043178	0.195454	0.001029	2788	9	2825	55	101.3	0.4	16	7	104	6.329E-07	2788	9
STAL119260-83	2022-10-10 15:51:45.772	13229		1.863397	0.027959	0.189166	0.000968	2734	8	2777	33	101.6	0.7	34	25	376	2.421E-07	2734	8
STAL119260-119	2022-10-10 16:25:11.838	13229		2.190103	0.058294	0.157320	0.000957	2425	10	2471	55	101.9	0.7	10	8	100	-1.071E-07	2425	10
STAL119260-94	2022-10-10 16:00:50.948	13229		2.797999	0.032766	0.118629	0.000592	1934	9	1978	20	102.3	1.8	29	54	555	3.108E-07	1934	9
BREID119270																			
~~BREID119270-177~~	~~2022-10-12 16:15:03.442~~	~~13236~~	~~tripped~~	~~1.378162~~	~~3.495360~~	~~0.816418~~	~~0.019940~~	~~4787~~	~~38~~	~~-182~~	~~228~~	~~-3.8~~	~~-15.0~~	~~0~~	~~0~~	~~20~~	~~1.228E-06~~	~~4787~~	~~38~~
~~BREID119270-170~~	~~2022-10-12 16:09:36.196~~	~~13236~~	~~tripped~~	~~0.046062~~	~~1.105031~~	~~0.928586~~	~~0.013156~~	~~4932~~	~~25~~	~~-120~~	~~561~~	~~-2.4~~	~~1.4~~	~~0~~	~~0~~	~~47~~	~~2.212E-06~~	~~4932~~	~~25~~
~~BREID119270-65~~	~~2022-10-12 13:23:49.994~~	~~13235~~	~~tripped~~	~~-9.515279~~	~~27.100837~~	~~1.201011~~	~~0.311054~~	~~4523~~	~~101~~	~~-22~~	~~113~~	~~-0.5~~	~~724.5~~	~~0~~	~~4~~	~~5~~	~~4.03E-07~~	~~4523~~	~~101~~
~~BREID119270-61~~	~~2022-10-12 13:21:09.390~~	~~13235~~	~~tripped~~	~~-11624.667008~~	~~255.759382~~	~~0.611133~~	~~0.005929~~	~~4540~~	~~12~~	~~-1~~	~~0~~	~~0.0~~	~~0.3~~	~~95~~	~~32~~	~~-1~~	~~-3.798E-05~~	~~4540~~	~~12~~
~~BREID119270-157~~	~~2022-10-12 15:55:15.342~~	~~13236~~	~~tripped~~	~~-13395.129542~~	~~265.428328~~	~~0.418588~~	~~0.005173~~	~~3974~~	~~13~~	~~0~~	~~0~~	~~0.0~~	~~0.8~~	~~147~~	~~117~~	~~-1~~	~~-4.149E-05~~	~~3974~~	~~13~~
~~BREID119270-15~~	~~2022-10-12 12:04:39.259~~	~~13234~~	~~tripped~~	~~-236491.815093~~	~~13891.301280~~	~~0.504343~~	~~0.006433~~	~~4247~~	~~14~~	~~0~~	~~0~~	~~0.0~~	~~1.1~~	~~2431~~	~~2794~~	~~-1~~	~~-4.008E-05~~	~~4247~~	~~14~~
~~BREID119270-111~~	~~2022-10-12 14:09:01.752~~	~~13235~~	~~tripped~~	~~205628.159322~~	~~17983.807444~~	~~0.565854~~	~~0.014601~~	~~4449~~	~~28~~	~~0~~	~~0~~	~~0.0~~	~~0.3~~	~~106~~	~~35~~	~~0~~	~~9.052E-07~~	~~4449~~	~~28~~
~~BREID119270-110~~	~~2022-10-12 14:08:21.556~~	~~13235~~	~~tripped~~	~~145050.137740~~	~~7635.291237~~	~~0.509185~~	~~0.016182~~	~~4281~~	~~43~~	~~0~~	~~0~~	~~0.0~~	~~0.5~~	~~84~~	~~42~~	~~0~~	~~2.972E-06~~	~~4281~~	~~43~~
~~BREID119270-166~~	~~2022-10-12 16:06:09.658~~	~~13236~~	~~epoxy~~	~~-183.063539~~	~~147.453262~~	~~0.610449~~	~~0.286191~~	~~4347~~	~~159~~	~~29~~	~~58~~	~~0.7~~	~~-6.4~~	~~0~~	~~0~~	~~4~~	~~1.563E-07~~	~~4347~~	~~159~~
~~BREID119270-76~~	~~2022-10-12 13:32:44.193~~	~~13235~~	~~epoxy~~	~~-1.043552~~	~~25.690889~~	~~0.839860~~	~~0.099388~~	~~4254~~	~~154~~	~~81~~	~~75~~	~~1.9~~	~~1.5~~	~~0~~	~~0~~	~~-2~~	~~-3.351E-07~~	~~4254~~	~~154~~
~~BREID119270-180~~	~~2022-10-12 16:17:09.972~~	~~13236~~	~~epoxy~~	~~1.056523~~	~~1.874524~~	~~0.777137~~	~~0.015722~~	~~4819~~	~~25~~	~~288~~	~~545~~	~~6.0~~	~~0.7~~	~~0~~	~~0~~	~~38~~	~~2.134E-06~~	~~4819~~	~~25~~
BREID119270-173	2022-10-12 16:11:36.643	13236	>10% disc.	9.449836	0.147838	0.163241	0.002411	2485	24	651	10	26.2	0.1	2435	330	7099	0.0002841	2485	24
BREID119270-47	2022-10-12 12:38:17.999	13234	>10% disc.	5.446650	0.113206	0.247555	0.003854	3165	24	1094	23	34.6	1.2	39	48	407	1.218E-05	3165	24
BREID119270-124	2022-10-12 15:24:26.516	13236	>10% disc.	8.395539	0.089088	0.128703	0.001078	2079	15	724	6	34.8	0.5	2131	1058	7036	0.0001665	2079	15
BREID119270-73	2022-10-12 13:30:54.500	13235	>10% disc.	7.405499	0.069127	0.149577	0.002959	2336	36	817	7	35.0	2.1	692	1420	3689	6.806E-05	2336	36
BREID119270-147	2022-10-12 15:47:00.298	13236	>10% disc.	7.416857	0.077411	0.145562	0.002477	2289	29	817	8	35.7	1.0	1715	1773	8769	0.0001762	2289	29
BREID119270-46	2022-10-12 12:37:29.921	13234	>10% disc.	7.187427	0.101722	0.124670	0.004853	1986	64	846	12	42.6	0.8	1471	1242	6511	0.0001041	1986	64
BREID119270-150	2022-10-12 15:49:00.569	13236	>10% disc.	4.943325	0.076270	0.161442	0.008094	2462	86	1188	17	48.3	0.8	592	486	3165	8.701E-05	2462	86
BREID119270-55	2022-10-12 12:45:19.772	13234	>10% disc.	5.449195	0.310196	0.132288	0.001404	2127	19	1108	52	52.1	0.6	274	171	1283	2.115E-05	2127	19
BREID119270-140	2022-10-12 15:41:45.014	13236	>10% disc.	6.761562	0.085587	0.097352	0.001296	1571	25	891	11	56.7	0.9	45	42	164	2.01E-06	1571	25
BREID119270-29	2022-10-12 12:19:42.438	13234	>10% disc.	6.812103	0.085082	0.089319	0.000313	1410	7	884	10	62.7	0.3	2174	681	2688	9.839E-06	1410	7
BREID119270-14	2022-10-12 12:04:07.620	13234	>10% disc.	5.553005	0.113232	0.103354	0.000402	1684	7	1071	20	63.6	0.7	290	190	1163	1.362E-05	1684	7
BREID119270-163	2022-10-12 16:04:19.330	13236	>10% disc.	6.896260	0.037928	0.086915	0.000432	1357	10	873	5	64.3	0.3	248	85	325	7.604E-06	1357	10
BREID119270-158	2022-10-12 15:55:58.213	13236	>10% disc.	8.163099	0.062265	0.078410	0.000479	1158	13	745	5	64.3	0.3	600	199	397	7.123E-06	1158	13
BREID119270-81	2022-10-12 13:41:10.247	13235	>10% disc.	7.015190	0.097001	0.082693	0.000444	1261	10	860	11	68.2	0.2	2322	387	1093	3.846E-06	1261	10
BREID119270-161	2022-10-12 15:58:01.034	13236	>10% disc.	4.393376	0.033991	0.117732	0.001707	1921	27	1323	9	68.9	0.5	84	42	314	7.02E-06	1921	27
BREID119270-10	2022-10-12 12:00:33.620	13234	>10% disc.	5.873081	0.068655	0.090549	0.000338	1436	7	1015	11	70.7	0.3	1567	444	1664	1.2E-05	1436	7
BREID119270-8	2022-10-12 11:59:12.610	13234	>10% disc.	5.338879	0.077517	0.097174	0.000303	1570	6	1109	15	70.7	0.8	677	532	1990	9.206E-06	1570	6
BREID119270-58	2022-10-12 12:47:14.793	13234	>10% disc.	7.384585	0.074078	0.077831	0.000205	1141	5	820	8	71.8	0.2	1202	283	1067	8.162E-06	1141	5
BREID119270-136	2022-10-12 15:34:00.011	13236	>10% disc.	3.772491	0.051173	0.127202	0.001133	2058	16	1517	18	73.7	1.2	118	136	866	1.121E-05	2058	16
BREID119270-171	2022-10-12 16:10:25.826	13236	>10% disc.	7.227044	0.077346	0.077143	0.000569	1124	15	836	8	74.4	0.3	932	291	1348	1.208E-05	1124	15
BREID119270-92	2022-10-12 13:50:03.967	13235	>10% disc.	5.188616	0.039710	0.094658	0.000266	1520	5	1137	8	74.8	2.9	688	1996	8965	5.306E-07	1520	5
BREID119270-32	2022-10-12 12:22:30.961	13234	>10% disc.	9.087318	0.091282	0.068799	0.000150	892	5	674	6	75.6	0.1	3883	403	1186	5.32E-06	674	6
BREID119270-176	2022-10-12 16:14:23.227	13236	>10% disc.	4.319015	0.051485	0.105967	0.000542	1730	9	1345	14	77.7	1.3	155	194	772	2.466E-06	1730	9
BREID119270-102	2022-10-12 13:57:20.446	13235	>10% disc.	4.992039	0.038635	0.092630	0.000533	1479	11	1178	8	79.7	0.5	195	90	561	5.063E-06	1479	11
BREID119270-175	2022-10-12 16:13:42.691	13236	>10% disc.	4.917600	0.056625	0.093382	0.000862	1493	17	1194	14	79.9	1.3	100	128	432	5.208E-06	1493	17
BREID119270-109	2022-10-12 14:07:46.471	13235	>10% disc.	5.733607	0.079866	0.084148	0.000452	1295	10	1039	13	80.2	0.7	541	395	1394	2.798E-05	1295	10
BREID119270-39	2022-10-12 12:28:10.699	13234	>10% disc.	4.150221	0.154319	0.104858	0.000483	1711	8	1402	49	81.9	1.1	352	377	1903	3.652E-06	1711	8
BREID119270-141	2022-10-12 15:42:14.353	13236	>10% disc.	4.898997	0.034989	0.091583	0.000573	1458	12	1198	8	82.2	0.9	200	178	638	4.144E-06	1458	12
BREID119270-168	2022-10-12 16:07:30.038	13236	>10% disc.	6.222468	0.035044	0.078585	0.000244	1162	6	961	5	82.8	0.1	1919	104	510	3.912E-06	1162	6
BREID119270-154	2022-10-12 15:52:33.271	13236	>10% disc.	6.548541	0.039839	0.076289	0.000200	1102	5	917	5	83.2	0.1	1230	92	485	5.99E-06	1102	5
BREID119270-27	2022-10-12 12:18:19.582	13234	>10% disc.	3.725450	0.054673	0.112954	0.000318	1847	5	1539	20	83.3	0.6	255	152	784	2.224E-06	1847	5
BREID119270-156	2022-10-12 15:53:48.962	13236	>10% disc.	5.230230	0.027856	0.086683	0.000465	1351	10	1129	6	83.5	0.5	80	39	170	5.178E-07	1351	10
BREID119270-7	2022-10-12 11:58:31.278	13234	>10% disc.	4.907899	0.054203	0.090192	0.000830	1427	18	1197	12	83.9	0.8	101	86	457	2.392E-06	1427	18
BREID119270-80	2022-10-12 13:40:20.452	13235	>10% disc.	3.922581	0.028998	0.106148	0.000241	1733	4	1465	10	84.5	1.0	647	622	3937	3.493E-06	1733	4
BREID119270-16	2022-10-12 12:05:21.492	13234	>10% disc.	4.144731	0.051797	0.100833	0.000224	1639	4	1396	15	85.1	0.5	1081	592	3684	6.717E-06	1639	4
BREID119270-123	2022-10-12 15:23:45.170	13236	>10% disc.	6.106350	0.060120	0.078014	0.000623	1146	16	978	9	85.4	0.6	368	206	689	2.128E-06	1146	16
BREID119270-66	2022-10-12 13:24:31.202	13235	>10% disc.	11.782209	0.060117	0.060341	0.000296	614	11	526	3	85.6	1.7	320	549	1202	-4.4E-07	526	3
BREID119270-93	2022-10-12 13:50:37.293	13235	>10% disc.	2.399657	0.020714	0.175838	0.000367	2613	3	2248	16	86.0	1.1	780	843	8389	9.485E-06	2613	3
BREID119270-94	2022-10-12 13:51:13.380	13235	>10% disc.	6.368154	0.073415	0.075780	0.000303	1088	8	941	10	86.5	0.2	972	186	726	3.474E-06	1088	8
BREID119270-26	2022-10-12 12:17:40.452	13234	>10% disc.	3.407050	0.025331	0.117388	0.000188	1916	3	1661	11	86.7	0.2	1086	175	1018	5.587E-06	1916	3
BREID119270-51	2022-10-12 12:41:49.469	13234	>10% disc.	4.730267	0.102175	0.090190	0.000342	1428	7	1239	27	86.7	1.1	331	364	1880	8.757E-06	1428	7
BREID119270-121	2022-10-12 15:22:24.247	13236	>10% disc.	3.606998	0.068639	0.111142	0.000816	1817	13	1580	26	87.0	0.7	188	129	652	2.596E-06	1817	13
BREID119270-178	2022-10-12 16:15:45.300	13236	>10% disc.	5.102247	0.035597	0.085530	0.000551	1326	12	1154	7	87.1	0.2	470	72	441	4.796E-06	1326	12
BREID119270-159	2022-10-12 15:56:35.866	13236	>10% disc.	3.482798	0.022524	0.112228	0.000440	1835	7	1628	9	88.7	0.6	136	84	511	2.692E-06	1835	7
BREID119270-155	2022-10-12 15:53:10.216	13236	>10% disc.	4.324542	0.022560	0.094027	0.000335	1508	7	1341	6	89.0	0.7	241	158	908	2.239E-06	1508	7

BREID119270-115	2022-10-12 14:12:28.063	13235	>10% disc.	2.071486	0.021536	0.204009	0.000697	2858	6	2543	22	89.0	0.6	55	34	444	1.598E-06	2858	6
BREID119270-95	2022-10-12 13:51:54.570	13235	>10% disc.	4.347553	0.037657	0.093608	0.000235	1499	5	1336	10	89.1	0.5	957	472	2969	1.427E-06	1499	5
BREID119270-99	2022-10-12 13:55:19.783	13235	>10% disc.	6.293653	0.048979	0.074983	0.000240	1067	6	952	7	89.2	0.3	444	143	605	1.046E-06	1067	6
BREID119270-133	2022-10-12 15:32:07.194	13236	>10% disc.	4.879043	0.026937	0.086473	0.000302	1348	7	1203	6	89.2	0.6	308	175	773	2.773E-06	1348	7
BREID119270-89	2022-10-12 13:47:06.563	13235	>10% disc.	3.445646	0.023295	0.112630	0.000303	1841	5	1645	10	89.3	0.5	556	290	2258	4.457E-06	1841	5
BREID119270-37	2022-10-12 12:26:36.445	13234	>10% disc.	4.970803	0.046822	0.085282	0.000608	1320	14	1183	10	89.6	0.3	181	52	265	9.359E-07	1320	14
BREID119270-138	2022-10-12 15:35:27.858	13236	>10% disc.	4.115249	0.032433	0.096974	0.000617	1565	12	1403	10	89.6	0.5	344	167	1034	4.171E-06	1565	12
BREID119270-11	2022-10-12 12:01:13.044	13234		3.830730	0.043007	0.101461	0.000354	1650	6	1497	15	90.7	0.2	386	85	660	1.223E-06	1650	6
BREID119270-148	2022-10-12 15:47:41.344	13236		5.051197	0.045800	0.083257	0.000581	1273	14	1166	10	91.5	0.3	93	25	148	1.298E-06	1273	14
BREID119270-131	2022-10-12 15:29:54.609	13236		3.637093	0.034254	0.104780	0.000577	1709	10	1567	13	91.7	0.7	107	70	431	1.689E-07	1709	10
BREID119270-172	2022-10-12 16:10:56.521	13236		3.968892	0.024939	0.097693	0.000263	1580	5	1450	8	91.8	0.6	400	246	1708	2.366E-06	1580	5
BREID119270-106	2022-10-12 14:04:58.820	13235		3.930280	0.027737	0.098323	0.000137	1592	3	1462	9	91.9	0.4	1385	612	4130	1.463E-06	1592	3
BREID119270-74	2022-10-12 13:31:23.903	13235		2.259982	0.010432	0.170629	0.000278	2563	3	2363	9	92.2	0.7	335	237	2696	1.732E-06	2563	3
BREID119270-144	2022-10-12 15:44:15.838	13236		4.527867	0.040766	0.088661	0.000425	1396	9	1287	10	92.2	1.2	248	294	1558	2.884E-08	1396	9
BREID119270-60	2022-10-12 12:48:27.247	13234		3.423912	0.044409	0.109487	0.000521	1790	9	1654	19	92.4	1.8	207	371	2820	5.788E-07	1790	9
BREID119270-151	2022-10-12 15:50:29.586	13236		2.969000	0.021030	0.124817	0.000683	2025	10	1872	12	92.5	1.1	177	193	1117	3.836E-06	2025	10
BREID119270-24	2022-10-12 12:15:42.831	13234		5.280130	0.101939	0.080610	0.000315	1211	8	1121	20	92.6	3.2	527	1707	3485	9.048E-07	1211	8
BREID119270-30	2022-10-12 12:20:20.986	13234		3.453382	0.025904	0.107621	0.000262	1759	4	1639	10	93.2	0.7	346	239	1780	-1.84E-07	1759	4
BREID119270-82	2022-10-12 13:41:38.155	13235		4.654160	0.046844	0.086354	0.000239	1345	5	1257	11	93.4	0.1	456	38	233	-3.379E-08	1345	5
BREID119270-75	2022-10-12 13:32:11.612	13235		4.384564	0.032216	0.089680	0.000486	1417	10	1325	9	93.5	0.5	180	90	492	7.746E-07	1417	10
BREID119270-167	2022-10-12 16:07:00.089	13236		6.379114	0.034030	0.072643	0.000228	1003	6	939	5	93.6	0.6	870	546	2407	4.541E-06	1003	6
BREID119270-134	2022-10-12 15:32:44.349	13236		2.845281	0.012649	0.127528	0.000267	2064	4	1942	7	94.1	1.5	182	265	2113	1.426E-06	2064	4
BREID119270-78	2022-10-12 13:34:06.057	13235		3.965978	0.031108	0.095710	0.000296	1541	6	1451	10	94.2	0.6	377	223	1462	4.399E-06	1541	6
BREID119270-164	2022-10-12 16:04:50.966	13236		3.719293	0.023555	0.100148	0.000338	1626	6	1536	9	94.5	0.1	370	31	201	3.644E-06	1626	6
BREID119270-34	2022-10-12 12:23:47.825	13234		3.919282	0.026857	0.096241	0.000234	1551	5	1467	9	94.6	0.5	225	122	696	-1.943E-07	1551	5
BREID119270-33	2022-10-12 12:23:07.664	13234		4.760506	0.041701	0.084339	0.000307	1299	7	1231	10	94.7	0.5	232	112	649	7.759E-07	1299	7
BREID119270-146	2022-10-12 15:46:24.395	13236		2.054414	0.009814	0.185275	0.000289	2700	3	2558	10	94.7	0.8	147	111	1248	1.204E-06	2700	3
BREID119270-143	2022-10-12 15:43:33.866	13236		4.821696	0.042399	0.083605	0.000333	1282	8	1216	10	94.8	0.3	523	140	858	7.411E-07	1282	8
BREID119270-153	2022-10-12 15:51:48.990	13236		6.278973	0.053703	0.072696	0.000595	1003	17	953	8	95.0	2.1	101	208	812	2.766E-08	1003	17
BREID119270-128	2022-10-12 15:27:52.977	13236		4.220800	0.021688	0.090892	0.000191	1443	4	1372	6	95.1	0.0	283	1	7	4.799E-07	1443	4
BREID119270-45	2022-10-12 12:37:00.311	13234		4.368836	0.041277	0.088838	0.000402	1399	9	1330	11	95.1	0.3	131	41	262	8.576E-07	1399	9
BREID119270-149	2022-10-12 15:48:28.796	13236		4.721152	0.021506	0.084452	0.000375	1302	9	1239	5	95.2	0.4	358	134	745	3.609E-06	1302	9
BREID119270-127	2022-10-12 15:27:12.758	13236		3.486428	0.017303	0.104622	0.000259	1707	4	1627	7	95.3	1.1	136	156	1107	7.865E-07	1707	4
BREID119270-152	2022-10-12 15:51:19.945	13236		2.992430	0.028485	0.119702	0.000614	1951	9	1860	15	95.3	0.6	120	68	637	3.785E-06	1951	9
BREID119270-135	2022-10-12 15:33:19.929	13236		5.824250	0.032190	0.075165	0.000297	1071	8	1023	5	95.5	0.7	178	116	538	6.123E-07	1071	8
BREID119270-126	2022-10-12 15:25:46.547	13236		2.865925	0.029078	0.124456	0.000310	2020	4	1931	17	95.6	0.5	312	164	1418	8.319E-07	2020	4
BREID119270-63	2022-10-12 13:22:29.827	13235		5.380676	0.052819	0.078211	0.000453	1151	11	1100	10	95.6	0.3	408	127	559	6.387E-08	1151	11
BREID119270-122	2022-10-12 15:23:06.099	13236		5.958274	0.034135	0.074165	0.000233	1045	6	1001	5	95.9	0.0	273	6	27	1.232E-07	1045	6
BREID119270-169	2022-10-12 16:08:55.867	13236		3.480879	0.023469	0.104215	0.000412	1699	7	1629	10	95.9	1.4	131	183	1366	3.078E-07	1699	7
BREID119270-4	2022-10-12 11:55:47.013	13234		3.213254	0.021359	0.111152	0.000290	1817	5	1749	10	96.2	0.8	185	150	1169	4.205E-07	1817	5
BREID119270-165	2022-10-12 16:05:29.482	13236		5.067959	0.029683	0.080420	0.000322	1206	8	1162	6	96.4	0.3	161	54	292	2.321E-07	1206	8
BREID119270-36	2022-10-12 12:25:09.291	13234		4.417203	0.034682	0.087130	0.000443	1361	10	1316	10	96.7	1.1	92	98	603	5.869E-09	1361	10
BREID119270-67	2022-10-12 13:26:03.028	13235		3.087520	0.040083	0.114632	0.000918	1872	15	1811	20	96.7	0.7	141	102	874	5.065E-06	1872	15
BREID119270-100	2022-10-12 13:55:59.957	13235		3.104998	0.036486	0.113883	0.000486	1861	8	1803	18	96.9	0.7	84	56	486	-8.713E-09	1861	8
BREID119270-12	2022-10-12 12:01:52.299	13234		1.944122	0.028864	0.192742	0.000643	2765	5	2680	33	96.9	0.6	72	47	646	6.782E-08	2765	5
BREID119270-44	2022-10-12 12:36:18.740	13234		3.911364	0.036289	0.094256	0.000423	1512	8	1470	12	97.2	0.4	117	47	313	-9.503E-08	1512	8
BREID119270-18	2022-10-12 12:06:42.273	13234		4.490237	0.027673	0.085876	0.000268	1334	6	1297	7	97.2	0.6	236	143	818	-2.321E-07	1334	6
BREID119270-91	2022-10-12 13:49:23.883	13235		2.078224	0.014126	0.174865	0.000336	2604	3	2534	14	97.3	0.7	462	344	3747	1.023E-06	2604	3
BREID119270-88	2022-10-12 13:46:35.947	13235		4.635853	0.025969	0.084093	0.000417	1293	10	1260	6	97.4	0.3	159	51	298	1.357E-06	1293	10
BREID119270-112	2022-10-12 14:09:45.286	13235		3.166803	0.019937	0.110893	0.000407	1813	7	1769	10	97.6	0.5	64	30	245	1.78E-05	1813	7
BREID119270-98	2022-10-12 13:54:49.825	13235		3.995508	0.032754	0.092454	0.000370	1476	8	1441	10	97.7	0.5	376	197	1268	2.442E-06	1476	8
BREID119270-179	2022-10-12 16:16:23.842	13236		3.740135	0.031061	0.096825	0.000291	1563	6	1526	12	97.7	0.2	344	68	485	6.44E-08	1563	6
BREID119270-108	2022-10-12 14:06:14.842	13235		3.019807	0.017847	0.115562	0.000256	1888	4	1846	9	97.8	0.5	180	86	756	1.425E-06	1888	4
BREID119270-96	2022-10-12 13:52:33.569	13235		6.333766	0.034543	0.071373	0.000279	967	8	946	5	97.9	0.8	162	130	559	-5.915E-07	946	5
BREID119270-107	2022-10-12 14:05:34.670	13235		3.970731	0.024008	0.092673	0.000285	1481	6	1450	8	97.9	0.4	119	45	306	3.425E-07	1481	6
BREID119270-105	2022-10-12 14:04:16.576	13235		1.930354	0.016539	0.190789	0.000517	2748	4	2694	19	98.0	0.7	94	70	919	6.407E-07	2748	4
BREID119270-19	2022-10-12 12:12:16.735	13234		3.914352	0.025836	0.093528	0.000272	1497	5	1468	9	98.0	0.3	180	55	386	6.986E-07	1497	5
BREID119270-101	2022-10-12 13:56:39.600	13235		3.149954	0.025936	0.111026	0.000410	1815	7	1780	13	98.1	0.5	92	43	355	1.955E-07	1815	7
BREID119270-160	2022-10-12 15:57:22.653	13236		4.101164	0.029242	0.090510	0.000401	1435	8	1408	9	98.1	0.4	124	44	267	3.317E-07	1435	8
BREID119270-118	2022-10-12 14:14:28.671	13235		4.025650	0.019210	0.091556	0.000169	1457	4	1431	6	98.2	0.2	380	91	604	-1.169E-07	1457	4
BREID119270-49	2022-10-12 12:40:20.460	13234		3.400192	0.022162	0.103840	0.000269	1693	5	1663	9	98.3	0.5	302	163	1248	6.31E-07	1693	5
BREID119270-40	2022-10-12 12:28:38.264	13234		3.253974	0.020071	0.107702	0.000340	1760	6	1729	9	98.3	0.7	160	119	963	7.437E-08	1760	6
BREID119270-103	2022-10-12 14:02:58.304	13235		3.124995	0.015313	0.111359	0.000298	1821	5	1790	8	98.3	0.7	175	124	1097	9.053E-07	1821	5
BREID119270-130	2022-10-12 15:29:13.357	13236		4.795187	0.024794	0.081915	0.000231	1242	6	1222	6	98.3	0.3	370	127	715	3.841E-07	1242	6
BREID119270-125	2022-10-12 15:25:08.291	13236		3.194800	0.029669	0.109271	0.000350	1786	6	1757	14	98.4	1.0	196	191	1599	1.965E-06	1786	6
BREID119270-117	2022-10-12 14:13:55.125	13235		5.792209	0.033284	0.074132	0.000199	1044	5	1027	5	98.4	0.2	459	86	410	9.243E-08	1044	5
BREID119270-70	2022-10-12 13:27:57.313	13235		6.313475	0.033451	0.071232	0.000144	963	4	948	5	98.4	0.5	498	259	1112	6.219E-08	948	5
BREID119270-64	2022-10-12 13:23:09.849	13235		5.115113	0.021746	0.078971	0.000179	1170	5	1152	4	98.4	0.3	398	116	583	6.052E-07	1170	5

BREID119270-97	2022-10-12 13:54:04.637	13235		3.365756	0.023998	0.104509	0.000303	1705	5	1678	11	98.5	0.1	300	29	231	7.326E-07	1705	5
BREID119270-77	2022-10-12 13:33:23.910	13235		3.905220	0.070270	0.093329	0.000950	1493	19	1472	23	98.6	0.0	121	1	45	1.802E-06	1493	19
BREID119270-139	2022-10-12 15:41:04.693	13236		3.864374	0.027396	0.093774	0.000544	1502	11	1482	10	98.7	0.5	86	40	268	6.999E-07	1502	11
BREID119270-54	2022-10-12 12:43:45.127	13234		1.941948	0.019969	0.186732	0.000695	2713	6	2677	22	98.7	1.0	74	73	954	1.052E-06	2713	6
BREID119270-52	2022-10-12 12:42:16.690	13234		3.235828	0.022819	0.107718	0.000226	1760	4	1738	11	98.7	0.7	240	169	1412	1.477E-07	1760	4
BREID119270-53	2022-10-12 12:43:01.375	13234		3.358687	0.024665	0.104450	0.000348	1703	6	1682	11	98.8	0.8	98	79	613	5.622E-07	1703	6
BREID119270-104	2022-10-12 14:03:34.240	13235		3.337525	0.024094	0.104761	0.000354	1710	6	1690	11	98.8	0.4	200	78	775	3.332E-06	1710	6
BREID119270-90	2022-10-12 13:47:46.786	13235		5.027994	0.032422	0.079439	0.000279	1183	7	1169	7	98.9	0.4	170	72	387	8.894E-09	1183	7
BREID119270-114	2022-10-12 14:11:02.244	13235		4.003795	0.034351	0.091533	0.000505	1456	11	1440	11	98.9	3.2	44	141	951	1.084E-06	1456	11
BREID119270-23	2022-10-12 12:14:55.686	13234		3.840236	0.022704	0.094015	0.000186	1507	4	1492	8	99.0	0.4	324	123	841	-1.806E-07	1507	4
BREID119270-79	2022-10-12 13:39:40.066	13235		2.583151	0.012591	0.132453	0.000363	2130	5	2108	8	99.0	1.2	89	105	1033	8.587E-07	2130	5
BREID119270-132	2022-10-12 15:30:39.259	13236		3.241631	0.021382	0.107171	0.000373	1751	6	1734	10	99.1	0.8	126	106	903	-1.436E-07	1751	6
BREID119270-35	2022-10-12 12:24:38.574	13234		2.780036	0.032163	0.123182	0.000645	2002	9	1983	20	99.1	1.0	103	99	875	4.155E-06	2002	9
BREID119270-56	2022-10-12 12:45:57.981	13234		1.958739	0.021449	0.183625	0.000800	2685	7	2660	24	99.1	0.6	88	54	730	5.228E-07	2685	7
BREID119270-162	2022-10-12 15:58:36.356	13236		3.124359	0.016441	0.110514	0.000353	1807	6	1791	8	99.1	0.5	105	52	453	1.169E-09	1807	6
BREID119270-71	2022-10-12 13:28:36.255	13235		1.916646	0.016527	0.188822	0.000455	2731	4	2710	19	99.2	1.7	76	126	1651	-1.613E-07	2731	4
BREID119270-43	2022-10-12 12:35:36.852	13234		1.817572	0.026198	0.203893	0.001532	2856	12	2835	34	99.3	0.2	28	7	118	2.136E-06	2856	12
BREID119270-68	2022-10-12 13:26:36.779	13235		4.952291	0.025536	0.079990	0.000293	1195	7	1187	6	99.3	0.3	117	35	185	3.644E-07	1195	7
BREID119270-41	2022-10-12 12:29:21.958	13234		1.879243	0.021190	0.193603	0.000739	2772	6	2752	24	99.3	0.8	31	23	304	1.072E-07	2772	6
BREID119270-62	2022-10-12 13:21:49.476	13235		4.774928	0.056142	0.081681	0.000412	1237	10	1228	13	99.3	0.3	150	45	260	3.748E-06	1237	10
BREID119270-142	2022-10-12 15:42:54.554	13236		4.753794	0.024176	0.081837	0.000279	1240	7	1232	6	99.3	0.4	140	58	332	-2.236E-07	1240	7
BREID119270-174	2022-10-12 16:12:16.982	13236		1.919404	0.014512	0.187449	0.000532	2719	5	2703	18	99.4	1.1	43	47	570	4.485E-07	2719	5
BREID119270-85	2022-10-12 13:44:25.586	13235		5.966099	0.028622	0.072730	0.000267	1005	7	999	4	99.4	0.5	136	74	318	9.105E-07	1005	7
BREID119270-22	2022-10-12 12:14:13.687	13234		2.672965	0.016874	0.127447	0.000274	2063	4	2051	11	99.4	0.4	155	68	681	-4.942E-07	2063	4
BREID119270-120	2022-10-12 14:15:48.976	13235		4.351963	0.029364	0.086252	0.000365	1342	8	1335	8	99.5	0.0	91	1	6	-3.656E-07	1342	8
BREID119270-119	2022-10-12 14:15:08.834	13235		4.638513	0.040423	0.082993	0.000476	1267	11	1261	10	99.5	0.4	62	26	155	3.534E-07	1267	11
BREID119270-145	2022-10-12 15:45:40.959	13236		4.476226	0.031069	0.084732	0.000512	1307	12	1301	8	99.6	0.9	44	38	244	3.096E-07	1307	12
BREID119270-87	2022-10-12 13:45:45.957	13235		5.848425	0.047960	0.073441	0.000448	1023	12	1019	8	99.6	0.3	58	18	81	1.835E-07	1023	12
BREID119270-42	2022-10-12 12:30:03.654	13234		1.884914	0.026702	0.192551	0.001008	2763	9	2753	33	99.6	0.6	35	20	263	-8.238E-07	2763	9
BREID119270-137	2022-10-12 15:34:40.222	13236		4.395841	0.020186	0.085552	0.000254	1327	6	1322	5	99.7	0.7	160	111	670	-6.691E-08	1327	6
BREID119270-20	2022-10-12 12:12:53.673	13234		4.632976	0.050528	0.082894	0.000574	1265	14	1261	12	99.7	0.4	130	50	274	4.855E-07	1265	14
BREID119270-57	2022-10-12 12:46:24.105	13234		3.319414	0.021611	0.104573	0.000476	1705	8	1700	10	99.7	0.5	77	40	339	4.683E-07	1705	8
BREID119270-28	2022-10-12 12:19:00.649	13234		4.865200	0.033627	0.080609	0.000334	1210	8	1207	8	99.7	0.5	96	48	258	2.02E-07	1210	8
BREID119270-113	2022-10-12 14:10:34.404	13235		3.407207	0.041861	0.102283	0.000742	1664	14	1661	18	99.8	0.7	47	33	261	-2.6E-06	1664	14
BREID119270-48	2022-10-12 12:38:49.662	13234		3.558993	0.031998	0.098883	0.000395	1602	7	1599	12	99.8	0.4	76	33	255	-3.374E-07	1602	7
BREID119270-116	2022-10-12 14:13:14.502	13235		4.250923	0.024367	0.087245	0.000220	1365	5	1363	7	99.8	1.0	267	276	1513	8.188E-07	1365	5
BREID119270-38	2022-10-12 12:27:17.669	13234		5.314962	0.034419	0.076703	0.000218	1112	6	1112	7	100.0	0.3	241	82	419	6.292E-07	1112	6
BREID119270-31	2022-10-12 12:21:47.363	13234		4.344596	0.026362	0.086009	0.000304	1337	7	1337	7	100.0	0.5	123	58	363	3.29E-07	1337	7
BREID119270-25	2022-10-12 12:17:09.940	13234		3.814128	0.025865	0.093723	0.000205	1502	4	1502	9	100.0	0.4	642	257	1775	8.037E-07	1502	4
BREID119270-13	2022-10-12 12:03:18.894	13234		2.897690	0.015985	0.116881	0.000268	1909	4	1912	9	100.2	1.7	132	222	2013	1.787E-07	1909	4
BREID119270-3	2022-10-12 11:55:09.605	13234		4.293010	0.026712	0.086477	0.000183	1348	4	1351	8	100.2	0.4	419	154	948	4.817E-07	1348	4
BREID119270-69	2022-10-12 13:27:16.894	13235		4.777102	0.027999	0.081123	0.000374	1222	9	1226	7	100.3	0.5	73	37	206	2.708E-07	1222	9
BREID119270-84	2022-10-12 13:43:03.140	13235		4.300737	0.023842	0.086309	0.000209	1344	5	1348	7	100.3	0.1	370	29	96	8.014E-07	1344	5
BREID119270-17	2022-10-12 12:05:59.512	13234		3.447585	0.022355	0.100689	0.000316	1636	6	1642	10	100.4	0.6	94	53	400	2.389E-07	1636	6
BREID119270-72	2022-10-12 13:29:17.260	13235		10.530193	0.088531	0.059524	0.000386	584	14	586	5	100.4	0.7	206	146	394	1.796E-07	586	5
BREID119270-1	2022-10-12 11:53:50.872	13234		3.689329	0.026950	0.095658	0.000233	1540	5	1548	10	100.5	0.9	388	359	2525	5.199E-07	1540	5
BREID119270-2	2022-10-12 11:54:27.400	13234		3.912047	0.030742	0.091740	0.000191	1461	4	1470	10	100.6	0.5	362	193	1307	5.957E-07	1461	4
BREID119270-59	2022-10-12 12:47:44.313	13234		3.933513	0.028605	0.091369	0.000347	1453	7	1462	10	100.6	1.0	93	91	596	7.108E-08	1453	7
BREID119270-129	2022-10-12 15:28:32.620	13236		3.062936	0.018213	0.110673	0.000296	1809	5	1823	9	100.8	0.5	121	64	523	4.077E-07	1809	5
BREID119270-5	2022-10-12 11:56:23.335	13234		2.734022	0.023098	0.122527	0.000259	1993	4	2014	14	101.1	0.8	180	141	1367	-2.011E-07	1993	4
BREID119270-21	2022-10-12 12:13:34.176	13234		3.908712	0.032404	0.091353	0.000198	1453	4	1472	11	101.3	0.4	383	142	1033	6.675E-07	1453	4
BREID119270-86	2022-10-12 13:45:05.786	13235		5.749547	0.065468	0.073348	0.000722	1020	20	1035	11	101.5	0.3	30	9	41	-1.962E-08	1020	20
BREID119270-6	2022-10-12 11:57:05.133	13234		3.021443	0.023874	0.111265	0.000409	1819	7	1846	13	101.5	0.5	71	34	297	2.106E-08	1819	7
BREID119270-9	2022-10-12 11:59:51.597	13234		4.697488	0.052209	0.081135	0.000425	1223	10	1246	12	101.9	0.4	138	49	331	-2.805E-07	1223	10
BREID119270-83	2022-10-12 13:42:18.860	13235		3.124929	0.051630	0.107599	0.000506	1758	9	1793	26	102.0	0.8	150	124	1070	5.765E-07	1758	9
BREID119270-50	2022-10-12 12:40:55.605	13234		4.170269	0.038980	0.086878	0.000434	1356	10	1387	12	102.3	0.4	103	42	273	3.626E-07	1356	10
SMAL119263																			
~~SMAL119263-3~~	~~2022-10-24 12:56:28.739~~	~~13253~~	~~epoxy~~	~~1959.457578~~	~~58801.107769~~	~~0.477692~~	~~1.180670~~	~~4848~~	~~61~~	~~95~~	~~190~~	~~2.0~~	~~0.5~~	~~332~~	~~168~~	~~935~~	~~-6.567E-06~~	~~4848~~	~~61~~
SMAL119263-92	2022-10-24 15:20:57.731	13254	>10% disc.	17.235415	0.225439	0.086504	0.000287	1348	6	364	5	27.0	0.3	2857	843	1629	1.78E-05	1348	6
SMAL119263-48	2022-10-24 13:41:31.740	13253	>10% disc.	5.007869	0.077978	0.168606	0.000781	2543	8	1176	17	46.2	1.4	547	788	2889	9.355E-06	2543	8
SMAL119263-36	2022-10-24 13:27:44.202	13253	>10% disc.	4.141900	0.088515	0.179092	0.000945	2644	9	1397	27	52.8	0.9	484	423	2971	4.736E-06	2644	9
SMAL119263-19	2022-10-24 13:14:00.430	13253	>10% disc.	6.586844	0.106591	0.104799	0.000716	1709	13	914	14	53.5	0.7	443	301	1094	4.618E-06	1709	13
SMAL119263-18	2022-10-24 13:08:25.756	13253	>10% disc.	5.652705	0.145516	0.109081	0.000583	1783	10	1047	23	58.7	0.4	393	158	757	2.753E-06	1783	10
SMAL119263-79	2022-10-24 15:10:02.189	13254	>10% disc.	6.710189	0.046979	0.082315	0.000309	1252	7	896	6	71.6	0.3	633	184	733	3.16E-06	1252	7
SMAL119263-94	2022-10-24 15:22:27.198	13254	>10% disc.	4.673081	0.036082	0.097956	0.000407	1585	8	1251	9	78.9	0.6	631	382	2608	3.452E-06	1585	8
SMAL119263-26	2022-10-24 13:19:20.208	13253	>10% disc.	3.559573	0.093266	0.114803	0.000983	1875	15	1603	37	85.5	0.3	314	108	983	2.469E-06	1875	15
SMAL119263-13	2022-10-24 13:04:48.981	13253	>10% disc.	4.147655	0.043964	0.097690	0.000946	1577	18	1395	13	88.4	0.9	35	33	261	1.335E-06	1577	18

SMAL119263-64	2022-10-24 14:53:11.788	13254	>10% disc.	2.189739	0.026425	0.188852	0.000689	2731	6	2431	24	89.0	1.2	82	100	1283	-1.89E-07	2731	6
SMAL119263-9	2022-10-24 13:01:29.877	13253	>10% disc.	4.670198	0.044984	0.088625	0.000403	1395	9	1252	11	89.7	0.7	445	304	1952	1.22E-06	1395	9
SMAL119263-104	2022-10-24 15:34:41.290	13254		1.959880	0.029226	0.214872	0.001343	2941	10	2663	32	90.5	0.4	60	24	312	3.861E-07	2941	10
SMAL119263-10	2022-10-24 13:02:05.737	13253		6.221608	0.044754	0.074248	0.000214	1047	6	962	6	91.9	0.2	735	132	606	1.55E-06	1047	6
SMAL119263-30	2022-10-24 13:22:43.922	13253		3.729889	0.039492	0.100989	0.000394	1641	7	1533	14	93.4	0.5	262	128	1013	-4.672E-07	1641	7
SMAL119263-38	2022-10-24 13:29:56.696	13253		3.777228	0.044593	0.098650	0.000325	1598	6	1515	16	94.8	0.4	451	180	1290	7.351E-07	1598	6
SMAL119263-53	2022-10-24 13:44:59.169	13253		4.032278	0.025817	0.093768	0.000233	1503	4	1429	8	95.1	0.6	467	257	1876	6.503E-09	1503	4
SMAL119263-60	2022-10-24 13:50:30.857	13253		3.006549	0.025611	0.119571	0.000321	1949	5	1853	14	95.1	0.3	233	81	747	-2.199E-08	1949	5
SMAL119263-54	2022-10-24 13:45:38.282	13253		1.987858	0.022369	0.191310	0.000747	2752	6	2633	25	95.7	0.1	50	5	92	4.269E-07	2752	6
SMAL119263-117	2022-10-24 15:45:08.297	13254		4.867451	0.050514	0.082703	0.000684	1258	16	1208	12	96.0	0.6	45	26	157	-1.712E-07	1258	16
SMAL119263-71	2022-10-24 14:58:46.532	13254		5.317210	0.030397	0.078282	0.000316	1154	8	1112	6	96.4	0.3	189	55	305	-3.633E-08	1154	8
SMAL119263-57	2022-10-24 13:48:24.249	13253		4.164133	0.027695	0.090674	0.000398	1439	8	1388	9	96.4	0.3	118	40	303	1.518E-08	1439	8
SMAL119263-24	2022-10-24 13:17:16.156	13253		3.020422	0.024224	0.116786	0.000340	1907	5	1845	13	96.8	0.4	230	99	925	-3.962E-07	1907	5
SMAL119263-118	2022-10-24 15:45:45.984	13254		4.027922	0.019899	0.092238	0.000190	1472	4	1431	6	97.2	0.0	440	15	104	4.407E-07	1472	4
SMAL119263-45	2022-10-24 13:39:27.214	13253		3.925474	0.027403	0.093902	0.000459	1505	9	1464	9	97.3	0.6	114	73	550	8.977E-07	1505	9
SMAL119263-34	2022-10-24 13:26:10.745	13253		5.292478	0.035825	0.078043	0.000211	1147	5	1117	7	97.4	0.3	391	123	720	3.385E-07	1147	5
SMAL119263-105	2022-10-24 15:35:30.516	13254		6.510836	0.043529	0.070402	0.000506	945	14	922	6	97.5	0.6	122	70	326	2.509E-07	922	6
SMAL119263-20	2022-10-24 13:14:34.444	13253		1.903334	0.013870	0.195798	0.000322	2791	3	2724	16	97.6	0.6	210	135	1856	7.654E-07	2791	3
SMAL119263-44	2022-10-24 13:38:43.534	13253		3.267955	0.020754	0.107896	0.000200	1763	3	1723	10	97.7	0.5	425	217	1893	4.492E-07	1763	3
SMAL119263-110	2022-10-24 15:39:41.605	13254		3.334522	0.019056	0.106029	0.000290	1731	5	1692	8	97.7	0.5	410	189	1639	7.367E-07	1731	5
SMAL119263-4	2022-10-24 12:57:06.641	13253		3.158749	0.025903	0.110870	0.000472	1812	8	1775	13	98.0	0.5	70	34	325	-2.21E-08	1812	8
SMAL119263-58	2022-10-24 13:49:03.483	13253		3.279764	0.028936	0.107340	0.000449	1754	8	1720	13	98.0	0.6	79	51	461	9.912E-08	1754	8
SMAL119263-81	2022-10-24 15:11:58.704	13254		3.004513	0.024871	0.115762	0.000561	1890	9	1855	14	98.1	0.8	66	52	501	4.905E-07	1890	9
SMAL119263-8	2022-10-24 13:00:37.554	13253		3.589488	0.027786	0.099584	0.000350	1616	7	1586	11	98.1	0.6	116	65	527	6.444E-07	1616	7
SMAL119263-7	2022-10-24 13:00:02.810	13253		6.336149	0.046960	0.071319	0.000537	964	15	946	6	98.2	0.3	87	29	137	7.014E-07	946	6
SMAL119263-35	2022-10-24 13:26:58.396	13253		3.621545	0.030811	0.098796	0.000429	1600	8	1571	11	98.2	0.4	128	54	442	4.363E-07	1600	8
SMAL119263-2	2022-10-24 12:55:46.025	13253		3.018359	0.022370	0.115171	0.000296	1881	5	1848	12	98.2	0.2	131	25	249	4.155E-07	1881	5
SMAL119263-107	2022-10-24 15:36:50.146	13254		2.693407	0.016729	0.127937	0.000392	2069	5	2034	10	98.3	0.4	166	67	707	-3.671E-07	2069	5
SMAL119263-83	2022-10-24 15:13:13.119	13254		2.950087	0.025183	0.117433	0.000474	1916	7	1884	14	98.3	0.2	102	18	184	4.21E-07	1916	7
SMAL119263-23	2022-10-24 13:16:29.361	13253		5.259525	0.045618	0.077898	0.000519	1141	13	1122	9	98.4	0.4	73	28	158	5.122E-07	1141	13
SMAL119263-15	2022-10-24 13:06:09.437	13253		6.342682	0.052487	0.071245	0.000410	962	12	946	7	98.4	0.4	146	56	276	-1.853E-07	946	7
SMAL119263-77	2022-10-24 15:03:47.170	13254		3.412492	0.035282	0.103249	0.000459	1682	8	1658	15	98.6	0.7	315	228	1832	3.112E-07	1682	8
SMAL119263-42	2022-10-24 13:32:22.428	13253		2.993097	0.020671	0.115567	0.000256	1888	4	1861	11	98.6	0.6	199	120	1192	-4.846E-07	1888	4
SMAL119263-80	2022-10-24 15:10:38.049	13254		2.947828	0.028877	0.117249	0.000581	1913	9	1887	16	98.6	0.2	55	12	119	5.019E-09	1913	9
SMAL119263-84	2022-10-24 15:13:56.675	13254		3.136514	0.019518	0.110643	0.000336	1809	6	1786	10	98.7	1.0	171	170	1573	-6.705E-07	1809	6
SMAL119263-5	2022-10-24 12:57:52.152	13253		5.894840	0.044122	0.073350	0.000324	1022	9	1011	7	98.9	0.4	255	106	542	3.543E-07	1022	9
SMAL119263-56	2022-10-24 13:47:42.914	13253		6.259295	0.075130	0.071460	0.000439	969	12	958	11	98.9	0.5	170	88	458	2.897E-07	958	11
SMAL119263-51	2022-10-24 13:44:11.383	13253		3.149190	0.020916	0.109948	0.000328	1797	5	1778	10	98.9	0.5	120	57	513	5.02E-07	1797	5
SMAL119263-98	2022-10-24 15:25:48.529	13254		2.973529	0.024330	0.115750	0.000524	1890	8	1871	13	99.0	0.5	98	44	438	-1.249E-07	1890	8
SMAL119263-86	2022-10-24 15:16:02.218	13254		3.748160	0.026194	0.095809	0.000388	1542	8	1527	9	99.0	0.9	99	90	715	5.953E-07	1542	8
SMAL119263-46	2022-10-24 13:40:02.781	13253		1.716061	0.014200	0.221533	0.000494	2991	4	2961	20	99.0	0.5	120	66	1058	4.099E-07	2991	4
SMAL119263-65	2022-10-24 14:53:54.456	13254		3.766271	0.021610	0.095369	0.000255	1534	5	1520	8	99.0	0.5	168	90	716	-5.118E-08	1534	5
SMAL119263-100	2022-10-24 15:27:11.221	13254		2.960569	0.025487	0.116123	0.000641	1896	10	1879	14	99.1	0.3	51	15	148	-1.188E-07	1896	10
SMAL119263-1	2022-10-24 12:55:08.125	13253		2.908139	0.017894	0.117882	0.000339	1924	5	1907	10	99.1	0.2	136	29	289	7.96E-07	1924	5
SMAL119263-82	2022-10-24 15:12:33.733	13254		3.344286	0.019871	0.104417	0.000365	1703	6	1688	9	99.2	1.0	118	116	1020	1.8E-07	1703	6
SMAL119263-39	2022-10-24 13:30:22.653	13253		2.814705	0.025066	0.121313	0.000353	1975	5	1959	16	99.2	0.4	129	49	532	-1.824E-07	1975	5
SMAL119263-11	2022-10-24 13:02:44.473	13253		5.769469	0.038453	0.073995	0.000290	1040	8	1031	6	99.2	0.3	312	85	441	-1.006E-07	1040	8
SMAL119263-55	2022-10-24 13:47:13.379	13253		2.860860	0.026850	0.119599	0.000604	1949	9	1934	16	99.2	0.2	98	16	165	4.303E-07	1949	9
SMAL119263-106	2022-10-24 15:36:09.768	13254		3.413119	0.019061	0.102552	0.000284	1670	5	1657	8	99.3	0.4	183	68	591	1.188E-09	1670	5
SMAL119263-33	2022-10-24 13:25:38.375	13253		1.801296	0.015792	0.205571	0.000723	2870	6	2850	20	99.3	1.0	94	90	1313	5.055E-07	2870	6
SMAL119263-47	2022-10-24 13:40:40.741	13253		3.551313	0.024270	0.099430	0.000297	1612	6	1602	10	99.3	0.6	159	98	844	1.854E-08	1612	6
SMAL119263-28	2022-10-24 13:20:39.146	13253		3.146301	0.027844	0.109837	0.000551	1795	9	1783	14	99.4	1.2	55	68	632	1.543E-07	1795	9
SMAL119263-113	2022-10-24 15:41:35.545	13254		1.912358	0.029470	0.190121	0.000880	2742	8	2724	34	99.4	0.7	22	15	207	-2.851E-08	2742	8
SMAL119263-70	2022-10-24 14:58:10.903	13254		3.910507	0.021631	0.092537	0.000255	1477	5	1469	7	99.4	0.3	483	143	1067	2.146E-07	1477	5
SMAL119263-37	2022-10-24 13:29:08.517	13253		4.531824	0.050398	0.084240	0.000565	1296	13	1289	13	99.4	0.8	52	42	271	1.12E-06	1296	13
SMAL119263-72	2022-10-24 14:59:23.966	13254		3.352235	0.024896	0.103918	0.000377	1694	7	1684	11	99.4	0.5	113	54	472	-7.907E-07	1694	7
SMAL119263-119	2022-10-24 15:46:29.396	13254		5.171005	0.029020	0.078041	0.000393	1146	10	1141	6	99.5	0.4	111	46	257	2.321E-07	1146	10
SMAL119263-50	2022-10-24 13:43:32.127	13253		1.932468	0.019009	0.185948	0.000511	2706	5	2693	21	99.5	0.3	193	56	849	7.167E-08	2706	5
SMAL119263-121	2022-10-24 15:47:46.451	13254		5.573667	0.032871	0.075154	0.000464	1070	12	1065	6	99.5	0.5	88	46	241	-3.051E-07	1070	12
SMAL119263-49	2022-10-24 13:42:53.623	13253		3.836891	0.026773	0.093760	0.000354	1502	7	1495	9	99.6	0.7	131	85	674	4.967E-07	1502	7
SMAL119263-59	2022-10-24 13:49:44.161	13253		2.128334	0.019454	0.164234	0.000380	2499	4	2488	19	99.6	0.7	126	86	1188	1.469E-07	2499	4
SMAL119263-74	2022-10-24 15:01:33.753	13254		3.046311	0.022526	0.112616	0.000400	1841	6	1833	12	99.6	0.6	92	57	543	-2.009E-08	1841	6
SMAL119263-68	2022-10-24 14:56:45.697	13254		5.962598	0.042542	0.072781	0.000427	1005	12	1001	7	99.6	0.6	107	69	347	-7.325E-08	1005	12
SMAL119263-16	2022-10-24 13:06:49.644	13253		6.347973	0.048594	0.070819	0.000474	949	14	945	7	99.6	0.4	87	30	148	2.341E-07	945	7
SMAL119263-27	2022-10-24 13:19:58.999	13253		2.974842	0.019878	0.114965	0.000321	1878	5	1871	11	99.6	0.7	138	101	977	7.568E-08	1878	5
SMAL119263-108	2022-10-24 15:37:28.319	13254		2.923108	0.020601	0.116762	0.000513	1906	8	1899	12	99.6	0.6	90	52	527	-8.722E-07	1906	8
SMAL119263-73	2022-10-24 15:00:54.224	13254		2.061203	0.034289	0.171843	0.000812	2575	8	2566	35	99.6	1.6	22	34	450	8.595E-07	2575	8
SMAL119263-67	2022-10-24 14:56:05.269	13254		2.859857	0.017335	0.119123	0.000296	1942	4	1935	10	99.6	0.4	161	57	584	1.832E-07	1942	4

SMAL119263-87	2022-10-24 15:16:42.391	13254		1.897506	0.009926	0.189685	0.000404	2739	4	2729	12	99.7	0.8	94	77	1131	3.532E-07	2739	4
SMAL119263-61	2022-10-24 14:51:14.713	13254		2.920030	0.019111	0.116782	0.000286	1907	4	1901	11	99.7	0.7	185	129	1261	2.76E-07	1907	4
SMAL119263-66	2022-10-24 14:54:33.155	13254		3.113664	0.024823	0.110370	0.000436	1804	7	1799	13	99.7	1.5	87	127	1203	-9.445E-07	1804	7
SMAL119263-63	2022-10-24 14:52:34.744	13254		3.311487	0.020690	0.104642	0.000253	1708	4	1703	9	99.7	1.1	257	287	2530	-2.423E-08	1708	4
SMAL119263-109	2022-10-24 15:38:54.894	13254		4.152600	0.032752	0.088734	0.000411	1398	9	1394	10	99.7	0.6	91	57	430	7.09E-07	1398	9
SMAL119263-111	2022-10-24 15:40:17.457	13254		2.908298	0.016972	0.117102	0.000413	1911	6	1907	10	99.8	0.2	98	22	211	2.859E-07	1911	6
SMAL119263-12	2022-10-24 13:03:26.259	13253		5.100344	0.033705	0.078422	0.000313	1156	8	1154	7	99.8	0.4	298	117	676	-1.154E-06	1156	8
SMAL119263-78	2022-10-24 15:04:19.288	13254		3.176581	0.022369	0.108276	0.000354	1769	6	1766	11	99.8	0.8	144	111	998	-5.568E-07	1769	6
SMAL119263-32	2022-10-24 13:24:58.525	13253		3.303842	0.024236	0.104749	0.000218	1709	4	1706	11	99.8	0.7	517	357	3125	-3.163E-07	1709	4
SMAL119263-22	2022-10-24 13:15:50.362	13253		2.956189	0.018423	0.115212	0.000398	1882	6	1879	10	99.8	0.8	122	97	954	3.94E-07	1882	6
SMAL119263-93	2022-10-24 15:21:37.318	13254		5.458737	0.027671	0.075702	0.000244	1087	6	1085	5	99.8	0.9	320	278	1551	3.172E-07	1087	6
SMAL119263-123	2022-10-24 15:11:18.502	13254		3.206501	0.021931	0.107356	0.000372	1754	6	1751	11	99.9	0.2	138	24	219	7.222E-07	1754	6
SMAL119263-41	2022-10-24 13:31:43.032	13253		2.876655	0.020094	0.118123	0.000366	1927	6	1925	12	99.9	0.5	102	53	547	4.188E-07	1927	6
SMAL119263-25	2022-10-24 13:18:38.690	13253		4.458408	0.038207	0.084743	0.000504	1307	12	1306	10	100.0	0.5	57	31	213	3.067E-07	1307	12
SMAL119263-85	2022-10-24 15:15:22.070	13254		5.201110	0.031495	0.077592	0.000296	1135	8	1134	6	100.0	0.3	221	77	454	2.651E-07	1135	8
SMAL119263-6	2022-10-24 12:58:32.138	13253		2.877332	0.020917	0.118025	0.000439	1925	7	1925	12	100.0	0.4	116	50	497	-1.51E-06	1925	7
SMAL119263-114	2022-10-24 15:42:17.186	13254		2.935328	0.020161	0.115887	0.000390	1892	6	1892	11	100.0	0.5	93	50	477	-6.862E-07	1892	6
SMAL119263-91	2022-10-24 15:20:13.260	13254		2.844263	0.014649	0.119160	0.000295	1943	4	1943	9	100.0	0.4	169	67	697	7.203E-07	1943	4
SMAL119263-102	2022-10-24 15:28:24.980	13254		2.094769	0.016714	0.166212	0.000509	2519	5	2519	17	100.0	0.8	154	121	1757	-2.989E-07	2519	5
SMAL119263-76	2022-10-24 15:02:54.227	13254		4.111514	0.025966	0.089056	0.000334	1405	7	1405	8	100.0	0.5	117	55	391	-1.867E-07	1405	7
SMAL119263-89	2022-10-24 15:18:02.691	13254		3.681769	0.021717	0.096129	0.000249	1549	5	1550	8	100.0	0.4	329	116	955	2.836E-07	1549	5
SMAL119263-14	2022-10-24 13:05:29.258	13253		5.981341	0.064336	0.072623	0.000638	998	18	999	10	100.1	0.9	42	37	190	6.243E-07	999	10
SMAL119263-101	2022-10-24 15:27:57.777	13254		3.331104	0.024300	0.103767	0.000342	1692	6	1693	11	100.1	0.7	411	292	2581	-3.007E-07	1692	6
SMAL119263-97	2022-10-24 15:25:11.155	13254		2.937660	0.019917	0.115582	0.000383	1888	6	1890	11	100.1	0.5	137	72	710	-3.973E-09	1888	6
SMAL119263-103	2022-10-24 15:34:02.382	13254		3.037584	0.033975	0.112524	0.000519	1839	8	1842	18	100.1	0.8	63	47	529	9.697E-07	1839	8
SMAL119263-88	2022-10-24 15:17:22.560	13254		3.895453	0.021085	0.092245	0.000260	1471	5	1473	7	100.2	0.4	234	83	653	-3.563E-07	1471	5
SMAL119263-21	2022-10-24 13:15:14.487	13253		5.138440	0.033887	0.077944	0.000288	1144	7	1146	7	100.2	0.3	328	85	506	7.601E-07	1144	7
SMAL119263-96	2022-10-24 15:23:42.453	13254		2.853507	0.017594	0.118506	0.000305	1933	5	1938	10	100.3	0.6	246	145	1446	-1.034E-06	1933	5
SMAL119263-90	2022-10-24 15:18:42.862	13254		4.337528	0.046529	0.085927	0.000656	1333	15	1338	12	100.4	0.8	42	35	245	-8.879E-07	1333	15
SMAL119263-29	2022-10-24 13:21:59.462	13253		3.645382	0.025668	0.096623	0.000323	1559	6	1565	10	100.4	0.3	171	55	461	5.192E-07	1559	6
SMAL119263-31	2022-10-24 13:24:15.043	13253		3.984118	0.029137	0.090679	0.000361	1438	8	1445	10	100.5	0.4	114	47	349	1.09E-06	1438	8
SMAL119263-120	2022-10-24 15:47:13.540	13254		3.300239	0.022695	0.104025	0.000520	1696	9	1706	10	100.6	0.6	85	53	464	-6.983E-07	1696	9
SMAL119263-99	2022-10-24 15:26:24.979	13254		4.267358	0.024721	0.086575	0.000317	1350	7	1359	7	100.7	0.4	164	67	508	1.216E-08	1350	7
SMAL119263-40	2022-10-24 13:31:02.912	13253		3.343607	0.053575	0.103453	0.000785	1684	14	1697	24	100.8	1.1	23	25	223	-8.649E-08	1684	14
SMAL119263-122	2022-10-24 13:21:30.498	13253		3.815172	0.049698	0.093062	0.000283	1488	6	1501	16	100.8	0.5	271	129	1030	1.117E-06	1488	6
SMAL119263-112	2022-10-24 15:40:55.556	13254		2.922581	0.023179	0.115227	0.000456	1882	7	1901	13	101.0	0.6	56	36	354	3.554E-08	1882	7
SMAL119263-69	2022-10-24 14:57:23.500	13254		4.332908	0.032547	0.085488	0.000309	1325	7	1341	9	101.2	0.6	123	77	531	9.484E-08	1325	7
SMAL119263-115	2022-10-24 15:43:45.582	13254		5.835943	0.034134	0.072844	0.000259	1008	7	1021	5	101.3	0.0	323	7	36	-6.05E-09	1008	7
SMAL119263-116	2022-10-24 15:44:26.083	13254		1.904103	0.015714	0.184257	0.000554	2691	5	2725	18	101.3	0.5	61	30	443	-2.772E-08	2691	5
SMAL119263-43	2022-10-24 13:38:00.143	13253		6.205970	0.046460	0.070843	0.000450	951	13	965	7	101.4	0.4	92	35	175	6.275E-07	965	7
SMAL119263-75	2022-10-24 15:02:13.968	13254		5.041640	0.032352	0.078191	0.000372	1150	9	1167	7	101.5	0.3	122	35	205	-5.168E-08	1150	9
SMAL119263-95	2022-10-24 15:22:55.383	13254		4.646310	0.032931	0.081249	0.000316	1226	8	1258	8	102.6	0.3	232	60	412	2.064E-07	1226	8
SMAL119263-62	2022-10-24 14:52:02.369	13254		2.691371	0.041544	0.121908	0.000658	1983	10	2039	25	102.8	0.4	86	35	362	4.503E-07	1983	10
SMAL119263-17	2022-10-24 13:07:37.771	13253		2.802726	0.026538	0.115365	0.000466	1884	7	1970	16	104.5	0.4	158	62	723	3.766E-07	1884	7

MORT119254

~~MORT119254-27~~	~~2022-10-25 12:14:01.074~~	~~13260~~	~~tripped~~	~~-17129.293934~~	~~192.060553~~	~~0.641581~~	~~0.005308~~	~~4607~~	~~5~~	~~0~~	~~0~~	~~0.0~~	~~209.0~~	~~230~~	~~47972~~	~~-2~~	~~-4.655E-05~~	~~4607~~	~~5~~
~~MORT119254-28~~	~~2022-10-25 12:14:41.232~~	~~13260~~	~~tripped~~	~~-22527.878630~~	~~766.822784~~	~~0.647283~~	~~0.006480~~	~~4614~~	~~4~~	~~0~~	~~0~~	~~0.0~~	~~0.4~~	~~300~~	~~127~~	~~-2~~	~~-4.631E-05~~	~~4614~~	~~4~~
MORT119254-45	2022-10-25 12:32:26.367	13260	>10% disc.	-2137.216580	210.228146	0.393804	0.181933	3633	259	266	71	7.3	0.4	37	16	20	-3.534E-05	3633	259
MORT119254-44	2022-10-25 12:31:46.248	13260	>10% disc.	-21690.610413	3698.138396	0.472119	0.046912	3681	168	390	72	10.6	1.8	788	1443	3005	2.413E-05	3681	168
MORT119254-8	2022-10-25 11:54:57.813	13260	>10% disc.	14.226499	0.163304	0.240438	0.013533	3073	103	439	5	14.3	2.2	3130	6801	18829	0.0004931	3073	103
MORT119254-110	2022-10-25 14:25:08.488	13261	>10% disc.	11.055445	0.112150	0.380127	0.002931	3831	12	559	5	14.6	3.1	2387	7339	22220	0.0006942	3831	12
MORT119254-47	2022-10-25 12:33:46.784	13260	>10% disc.	13.445077	0.224684	0.164579	0.004846	2469	49	466	7	18.9	1.8	1575	2841	5986	9.451E-05	2469	49
MORT119254-99	2022-10-25 14:12:07.264	13261	>10% disc.	11.010709	0.164801	0.116686	0.001133	1905	17	561	8	29.4	0.7	1330	973	1776	2.552E-05	1905	17
MORT119254-17	2022-10-25 12:01:49.115	13260	>10% disc.	6.065039	0.077095	0.230036	0.000816	3051	6	985	12	32.3	1.2	618	755	3913	9.377E-05	3051	6
MORT119254-46	2022-10-25 12:33:06.610	13260	>10% disc.	12.867575	0.153048	0.091202	0.006048	1358	112	485	6	35.7	1.1	1602	1765	4839	3.696E-05	1358	112
MORT119254-3	2022-10-25 11:50:55.089	13260	>10% disc.	6.451640	0.201260	0.154939	0.000916	2400	10	938	26	39.1	1.2	380	471	1964	1.738E-05	2400	10
MORT119254-62	2022-10-25 13:38:40.289	13261	>10% disc.	7.784557	0.058623	0.106096	0.000617	1734	11	780	6	45.0	0.6	954	611	2077	1.691E-05	1734	11
MORT119254-30	2022-10-25 12:16:01.495	13260	>10% disc.	7.831412	0.243567	0.107778	0.001079	1757	18	803	24	45.7	1.1	303	329	703	2.927E-06	1757	18
MORT119254-115	2022-10-25 14:29:23.829	13261	>10% disc.	5.529711	0.060058	0.145494	0.001313	2291	16	1071	10	46.8	0.6	473	306	1679	4.448E-06	2291	16
MORT119254-31	2022-10-25 12:17:27.480	13260	>10% disc.	7.250421	0.419923	0.109719	0.000656	1792	11	915	38	51.0	1.7	709	1173	2536	1.622E-05	1792	11
MORT119254-53	2022-10-25 12:38:32.754	13260	>10% disc.	3.460164	0.155563	0.188624	0.000761	2729	7	1725	56	63.2	0.7	302	216	1393	7.681E-06	2729	7
MORT119254-4	2022-10-25 11:51:37.917	13260	>10% disc.	6.543470	0.078022	0.091137	0.000738	1447	15	919	10	63.5	1.1	136	148	639	6.347E-07	1447	15
MORT119254-56	2022-10-25 12:41:20.569	13260	>10% disc.	5.748613	0.083366	0.096867	0.000932	1562	18	1036	14	66.3	0.8	670	515	2303	1.57E-05	1562	18
MORT119254-96	2022-10-25 14:09:19.468	13261	>10% disc.	3.355377	0.040187	0.166718	0.000951	2524	10	1683	18	66.7	0.3	508	145	706	1.212E-05	2524	10
MORT119254-86	2022-10-25 14:01:58.968	13261	>10% disc.	3.487894	0.047873	0.145976	0.001503	2298	18	1627	20	70.8	0.5	267	125	1311	2.15E-05	2298	18
MORT119254-113	2022-10-25 14:27:11.921	13261	>10% disc.	4.020122	0.026282	0.117411	0.000450	1916	7	1433	8	74.8	0.2	333	59	212	2.917E-06	1916	7

MORT119254-5	2022-10-25 11:52:08.110	13260	>10% disc.	5.497152	0.060409	0.087992	0.000360	1381	8	1080	11	78.2	0.4	392	170	895	3.517E-06	1381	8
MORT119254-42	2022-10-25 12:25:34.580	13260	>10% disc.	3.047859	0.113347	0.157005	0.000914	2422	10	1915	67	79.1	1.3	104	131	569	7.905E-07	2422	10
MORT119254-19	2022-10-25 12:07:53.961	13260	>10% disc.	3.837460	0.035020	0.111934	0.000283	1830	5	1495	12	81.7	0.6	208	123	717	2.352E-06	1830	5
MORT119254-24	2022-10-25 12:11:14.672	13260	>10% disc.	4.155305	0.046059	0.104394	0.000277	1703	5	1396	14	82.0	0.6	370	204	1321	3.526E-06	1703	5
MORT119254-114	2022-10-25 14:27:51.679	13261	>10% disc.	2.267189	0.029126	0.198491	0.000488	2813	4	2359	25	83.9	0.1	299	23	188	3.073E-06	2813	4
MORT119254-51	2022-10-25 12:37:12.488	13260	>10% disc.	2.288646	0.041277	0.188578	0.001062	2728	9	2358	35	86.4	0.7	159	106	1130	6.394E-07	2728	9
MORT119254-66	2022-10-25 13:41:19.471	13261	>10% disc.	4.009474	0.041638	0.099467	0.000385	1613	7	1438	13	89.1	0.5	278	133	980	1.859E-07	1613	7
MORT119254-90	2022-10-25 14:04:34.100	13261	>10% disc.	4.396407	0.043771	0.092682	0.000577	1480	12	1323	12	89.4	0.5	179	90	464	3.383E-06	1480	12
MORT119254-14	2022-10-25 11:59:42.169	13260		2.033572	0.023202	0.202728	0.000656	2847	5	2583	24	90.7	0.8	88	68	932	4.328E-07	2847	5
MORT119254-58	2022-10-25 12:42:45.425	13260		2.154890	0.020884	0.186450	0.000803	2710	7	2459	20	90.7	0.4	134	60	622	7.189E-07	2710	7
MORT119254-84	2022-10-25 13:59:54.576	13261		3.302275	0.020622	0.114275	0.000344	1867	5	1706	9	91.4	0.3	302	96	830	9.637E-07	1867	5
MORT119254-112	2022-10-25 14:26:33.900	13261		4.562698	0.052412	0.088043	0.001059	1379	23	1280	13	92.8	0.4	59	26	170	1.22E-06	1379	23
MORT119254-73	2022-10-25 13:47:38.562	13261		1.972321	0.025943	0.201147	0.000846	2835	7	2641	26	93.2	0.2	77	18	202	5.702E-07	2835	7
MORT119254-82	2022-10-25 13:58:28.944	13261		4.159838	0.029525	0.093118	0.000362	1489	7	1390	9	93.3	0.1	234	32	248	2.316E-07	1489	7
MORT119254-23	2022-10-25 12:10:34.481	13260		3.928432	0.026585	0.097023	0.000402	1566	8	1464	9	93.5	0.5	134	65	519	7.414E-08	1566	8
MORT119254-116	2022-10-25 14:29:55.460	13261		3.085107	0.023753	0.118719	0.000456	1936	7	1812	12	93.6	0.0	194	8	77	1.64E-07	1936	7
MORT119254-70	2022-10-25 13:44:49.709	13261		2.049946	0.021434	0.189353	0.000725	2736	6	2563	22	93.7	1.4	112	160	2133	8.727E-07	2736	6
MORT119254-101	2022-10-25 14:13:30.095	13261		4.178056	0.016708	0.092521	0.000262	1477	5	1384	5	93.7	0.0	246	12	100	1.038E-06	1477	5
MORT119254-93	2022-10-25 14:07:26.955	13261		2.141657	0.014975	0.178325	0.000540	2636	5	2471	14	93.7	0.5	160	84	1082	-1.236E-07	2636	5
MORT119254-79	2022-10-25 13:56:32.134	13261		3.436955	0.022115	0.107320	0.000446	1753	8	1646	10	93.9	0.7	119	80	659	7.76E-07	1753	8
MORT119254-64	2022-10-25 13:40:09.317	13261		3.553490	0.030976	0.104179	0.000595	1698	10	1598	13	94.1	1.0	111	111	893	6.101E-07	1698	10
MORT119254-25	2022-10-25 12:12:40.685	13260		4.248402	0.024649	0.090912	0.000307	1443	6	1364	7	94.5	0.8	173	136	898	1.855E-06	1443	6
MORT119254-61	2022-10-25 13:38:11.228	13261		2.969709	0.037542	0.121353	0.000775	1975	11	1873	21	94.8	0.6	116	73	653	1.864E-06	1975	11
MORT119254-108	2022-10-25 14:23:12.405	13261		3.749591	0.024859	0.098873	0.000517	1602	10	1525	9	95.2	0.1	215	28	290	3.741E-06	1602	10
MORT119254-59	2022-10-25 12:43:22.144	13260		3.115703	0.019793	0.115523	0.000316	1887	5	1796	10	95.2	0.6	147	94	837	2.879E-07	1887	5
MORT119254-104	2022-10-25 14:20:21.048	13261		4.865489	0.020954	0.082928	0.000239	1266	6	1206	5	95.2	0.3	336	106	655	6.8E-07	1266	6
MORT119254-118	2022-10-25 14:31:21.080	13261		3.260004	0.019992	0.110853	0.000349	1812	6	1726	9	95.2	0.3	235	69	636	7.353E-07	1812	6
MORT119254-98	2022-10-25 14:11:27.333	13261		2.946547	0.026428	0.121292	0.000436	1974	6	1886	15	95.5	0.5	150	82	878	3.36E-07	1974	6
MORT119254-69	2022-10-25 13:44:17.393	13261		5.490757	0.062993	0.077283	0.000650	1126	17	1080	11	95.9	0.4	114	41	204	1.019E-06	1126	17
MORT119254-38	2022-10-25 12:22:53.959	13260		3.753631	0.035360	0.098272	0.000492	1590	9	1527	13	96.1	0.5	69	36	313	4.403E-07	1590	9
MORT119254-81	2022-10-25 13:57:49.006	13261		2.451313	0.021416	0.146147	0.000673	2300	8	2210	16	96.1	0.9	43	41	494	3.361E-07	2300	8
MORT119254-6	2022-10-25 11:52:49.370	13260		6.179155	0.088296	0.072840	0.000883	1006	25	969	13	96.3	0.8	29	24	120	7.414E-08	1006	25
MORT119254-105	2022-10-25 14:21:00.997	13261		2.897133	0.026289	0.121948	0.000544	1984	8	1914	15	96.5	1.0	77	74	777	-8.664E-09	1984	8
MORT119254-16	2022-10-25 12:01:11.894	13260		2.162870	0.024830	0.168341	0.000834	2540	8	2453	24	96.6	1.2	73	90	1127	3.581E-08	2540	8
MORT119254-35	2022-10-25 12:20:08.082	13260		1.961304	0.019823	0.191324	0.000348	2753	3	2661	22	96.7	1.1	166	180	2537	7.302E-07	2753	3
MORT119254-1	2022-10-25 11:49:27.347	13260		3.027669	0.028961	0.116747	0.000563	1905	9	1845	15	96.8	0.5	53	26	266	7.27E-07	1905	9
MORT119254-85	2022-10-25 14:01:12.440	13261		1.939939	0.021425	0.193359	0.001034	2770	9	2683	25	96.9	0.1	129	19	309	-4.712E-08	2770	9
MORT119254-119	2022-10-25 14:31:57.202	13261		1.991030	0.030601	0.187688	0.000790	2721	7	2637	33	96.9	0.8	26	19	272	5.633E-07	2721	7
MORT119254-21	2022-10-25 12:09:14.273	13260		3.796107	0.020075	0.096435	0.000282	1555	5	1508	7	97.0	0.4	164	62	493	8.066E-07	1555	5
MORT119254-7	2022-10-25 11:54:20.282	13260		4.911262	0.039356	0.081553	0.000312	1233	8	1196	9	97.0	0.4	223	92	562	1.455E-06	1233	8
MORT119254-120	2022-10-25 14:32:36.175	13261		3.227062	0.061401	0.110150	0.000966	1800	16	1746	30	97.0	0.5	56	28	275	1.511E-07	1800	16
MORT119254-20	2022-10-25 12:08:34.102	13260		3.291297	0.025253	0.108038	0.000286	1765	5	1713	11	97.0	0.5	209	108	1005	6.367E-07	1765	5
MORT119254-37	2022-10-25 12:22:13.832	13260		4.819366	0.030454	0.082313	0.000217	1252	5	1217	7	97.2	0.4	460	166	1061	1.238E-06	1252	5
MORT119254-33	2022-10-25 12:18:47.844	13260		5.901583	0.036518	0.073948	0.000209	1039	6	1010	6	97.3	0.1	494	52	309	1.067E-06	1039	6
MORT119254-71	2022-10-25 13:45:26.756	13261		5.758477	0.029124	0.074753	0.000379	1061	10	1033	5	97.4	0.4	132	49	248	7.191E-07	1061	10
MORT119254-80	2022-10-25 13:57:05.981	13261		6.008364	0.025930	0.073212	0.000224	1019	6	993	4	97.4	0.1	301	35	175	6.79E-07	1019	6
MORT119254-77	2022-10-25 13:50:12.670	13261		3.907163	0.040032	0.093979	0.000409	1506	8	1469	14	97.5	0.4	167	61	521	-3.916E-07	1506	8
MORT119254-36	2022-10-25 12:20:48.241	13260		3.154264	0.022253	0.111319	0.000257	1820	4	1777	11	97.6	0.7	169	114	1042	3.483E-07	1820	4
MORT119254-34	2022-10-25 12:19:27.954	13260		3.402805	0.026391	0.104390	0.000406	1702	7	1664	11	97.8	0.5	95	50	427	1.81E-07	1702	7
MORT119254-48	2022-10-25 12:34:26.974	13260		4.265721	0.023856	0.088368	0.000326	1389	7	1358	7	97.8	0.4	147	53	370	5.049E-07	1389	7
MORT119254-72	2022-10-25 13:46:09.139	13261		4.841592	0.024115	0.081748	0.000254	1238	6	1211	5	97.8	0.3	204	61	381	1.927E-08	1238	6
MORT119254-103	2022-10-25 14:19:47.187	13261		3.433949	0.019457	0.103351	0.000450	1684	8	1648	8	97.9	0.5	129	62	502	6.256E-07	1684	8
MORT119254-78	2022-10-25 13:50:53.590	13261		5.278450	0.073258	0.078271	0.000889	1146	23	1122	14	97.9	0.5	22	12	68	-3.618E-07	1146	23
MORT119254-13	2022-10-25 11:59:03.635	13260		4.757099	0.035403	0.082571	0.000324	1258	8	1232	8	98.0	0.2	146	35	229	2.706E-07	1258	8
MORT119254-50	2022-10-25 12:36:32.367	13260		5.939885	0.032076	0.073417	0.000217	1024	6	1004	5	98.0	0.0	455	23	119	3.743E-07	1024	6
MORT119254-74	2022-10-25 13:48:13.010	13261		2.962878	0.019521	0.117165	0.000384	1912	6	1876	11	98.1	0.3	94	27	274	8.266E-07	1912	6
MORT119254-52	2022-10-25 12:37:52.609	13260		1.954484	0.015385	0.187458	0.000508	2719	4	2668	17	98.1	0.8	66	55	784	3.308E-07	2719	4
MORT119254-2	2022-10-25 11:50:12.095	13260		3.539332	0.027431	0.100744	0.000326	1637	6	1606	11	98.1	0.5	164	84	698	2.758E-07	1637	6
MORT119254-117	2022-10-25 14:30:35.579	13261		3.604926	0.028629	0.099273	0.000529	1609	10	1581	11	98.3	0.4	77	28	243	5.164E-08	1609	10
MORT119254-10	2022-10-25 11:56:19.594	13260		4.859607	0.040086	0.081399	0.000447	1229	11	1208	9	98.3	0.3	96	33	209	1.192E-06	1229	11
MORT119254-111	2022-10-25 14:25:48.754	13261		3.874180	0.028719	0.094038	0.000540	1507	11	1482	10	98.3	1.3	114	148	1105	6.596E-07	1507	11
MORT119254-26	2022-10-25 12:13:20.895	13260		4.378060	0.032520	0.086568	0.000241	1350	5	1329	9	98.4	0.3	255	68	461	3.108E-07	1350	5
MORT119254-75	2022-10-25 13:48:53.144	13261		3.860256	0.033042	0.094198	0.000520	1511	10	1489	12	98.5	3.4	60	205	1537	6.236E-07	1511	10
MORT119254-29	2022-10-25 12:15:21.382	13260		2.657965	0.013384	0.129486	0.000298	2090	4	2060	9	98.6	1.4	179	256	2733	4.432E-07	2090	4
MORT119254-68	2022-10-25 13:43:36.135	13261		1.962401	0.021797	0.184839	0.000646	2696	6	2658	24	98.6	0.7	128	96	1317	1.285E-06	2696	6
MORT119254-63	2022-10-25 13:39:19.737	13261		3.871492	0.022963	0.093831	0.000321	1503	6	1483	8	98.6	0.3	155	42	311	3.997E-07	1503	6
MORT119254-60	2022-10-25 12:44:00.586	13260		3.553538	0.041654	0.099803	0.000440	1619	8	1597	16	98.7	0.6	205	115	984	5.526E-07	1619	8
MORT119254-91	2022-10-25 14:06:03.344	13261		2.944411	0.021201	0.116958	0.000485	1909	7	1886	12	98.8	0.4	59	21	196	1.009E-06	1909	7

MORT119254-107	2022-10-25 14:22:23.280	13261		2.971676	0.015584	0.115876	0.000369	1892	6	1870	9	98.8	0.3	138	38	375	6.318E-07	1892	6
MORT119254-12	2022-10-25 11:57:39.821	13260		3.047931	0.031532	0.113515	0.000537	1855	9	1833	17	98.8	0.5	61	27	269	-3.5E-07	1855	9
MORT119254-100	2022-10-25 14:12:54.081	13261		4.525675	0.051254	0.084562	0.000688	1305	16	1290	13	98.8	0.5	38	19	122	6.795E-07	1305	16
MORT119254-92	2022-10-25 14:06:40.392	13261		4.787239	0.027365	0.081727	0.000467	1237	11	1224	6	99.0	0.3	75	24	154	6.353E-07	1237	11
MORT119254-65	2022-10-25 13:40:40.039	13261		3.155732	0.023635	0.109624	0.000485	1792	8	1777	12	99.1	0.7	96	66	654	4.032E-07	1792	8
MORT119254-87	2022-10-25 14:02:40.030	13261		2.845699	0.018567	0.120305	0.000570	1959	8	1943	11	99.2	0.4	82	30	295	-7.046E-08	1959	8
MORT119254-40	2022-10-25 12:24:14.283	13260		2.410489	0.041156	0.142938	0.000976	2260	12	2248	31	99.4	0.2	124	29	339	6.312E-07	2260	12
MORT119254-54	2022-10-25 12:39:12.840	13260		5.106397	0.038137	0.078661	0.000388	1161	10	1155	8	99.4	0.3	86	27	163	5.382E-07	1161	10
MORT119254-41	2022-10-25 12:24:54.405	13260		4.141373	0.036523	0.089089	0.000465	1404	10	1396	11	99.5	0.3	55	15	102	1.834E-07	1404	10
MORT119254-89	2022-10-25 14:03:59.880	13261		3.645564	0.021937	0.097313	0.000384	1572	7	1564	8	99.5	1.5	177	268	2109	1.053E-06	1572	7
MORT119254-102	2022-10-25 14:14:08.271	13261		3.182599	0.021112	0.108287	0.000391	1770	6	1764	10	99.6	0.5	78	40	376	1.152E-07	1770	6
MORT119254-57	2022-10-25 12:41:58.248	13260		2.716460	0.023848	0.124906	0.000527	2026	7	2024	15	99.9	0.5	96	50	535	-2.385E-07	2026	7
MORT119254-15	2022-10-25 12:00:30.109	13260		5.645168	0.052536	0.074538	0.000818	1052	22	1051	9	99.9	0.3	69	19	109	7.145E-07	1052	22
MORT119254-97	2022-10-25 14:10:47.976	13261		3.683875	0.024352	0.096232	0.000464	1550	9	1549	9	99.9	0.7	60	44	360	7.609E-07	1550	9
MORT119254-67	2022-10-25 13:42:45.394	13261		2.890860	0.017908	0.117505	0.000360	1917	6	1918	10	100.0	0.3	117	38	399	9.858E-08	1917	6
MORT119254-83	2022-10-25 13:59:06.657	13261		2.777939	0.018885	0.121831	0.000457	1982	7	1985	12	100.2	1.1	62	65	692	7.464E-07	1982	7
MORT119254-109	2022-10-25 14:24:39.658	13261		3.361358	0.032605	0.102921	0.000568	1676	10	1680	14	100.2	0.8	191	146	1248	1.568E-06	1676	10
MORT119254-95	2022-10-25 14:08:46.276	13261		4.850495	0.037107	0.080468	0.000434	1207	11	1210	8	100.3	0.2	94	22	137	8.742E-07	1207	11
MORT119254-32	2022-10-25 12:18:07.682	13260		2.934447	0.051752	0.116131	0.000822	1895	13	1905	29	100.5	0.4	20	7	79	-2.796E-08	1895	13
MORT119254-106	2022-10-25 14:21:49.178	13261		4.659968	0.030312	0.082120	0.000314	1247	7	1254	8	100.6	0.4	229	88	559	4.764E-07	1247	7
MORT119254-39	2022-10-25 12:23:34.056	13260		3.665503	0.026925	0.096073	0.000329	1548	6	1558	10	100.6	0.5	105	50	400	6.44E-07	1548	6
MORT119254-43	2022-10-25 12:31:06.093	13260		3.806541	0.022775	0.093424	0.000300	1495	6	1505	8	100.7	1.8	180	325	2527	4.814E-07	1495	6
MORT119254-9	2022-10-25 11:55:41.989	13260		3.227388	0.051062	0.106251	0.000666	1734	12	1747	24	100.7	0.6	61	40	376	-1.676E-06	1734	12
MORT119254-94	2022-10-25 14:08:04.660	13261		3.648258	0.030516	0.095967	0.000530	1547	10	1564	11	101.1	0.6	57	34	276	9.957E-07	1547	10
MORT119254-11	2022-10-25 11:56:57.353	13260		3.930679	0.054131	0.091391	0.000805	1451	17	1469	19	101.2	1.5	34	51	395	4.486E-07	1451	17
MORT119254-88	2022-10-25 14:03:13.705	13261		5.705273	0.090291	0.073608	0.000675	1029	19	1043	15	101.4	0.0	182	7	44	2.545E-07	1029	19
MORT119254-49	2022-10-25 12:35:52.252	13260		1.743270	0.012655	0.207463	0.000398	2885	3	2927	17	101.4	0.3	132	43	747	9.584E-07	2885	3
MORT119254-55	2022-10-25 12:40:38.077	13260		2.806198	0.016241	0.118622	0.000405	1935	6	1967	10	101.6	0.5	120	61	609	1.108E-06	1935	6
MORT119254-22	2022-10-25 12:09:54.369	13260		4.692347	0.033499	0.078903	0.000273	1169	7	1248	8	106.7	0.3	194	60	426	3.159E-07	1169	7

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~~BREID119259-98~~	~~2022-10-25 17:50:02.655~~	~~13263~~	~~tripped~~	~~-16433.566340~~	~~312.950160~~	~~0.636398~~	~~0.007295~~	~~4580~~	~~6~~	~~0~~	~~0~~	~~0.0~~	~~1.1~~	~~190~~	~~215~~	~~-2~~	~~-4.473E-05~~	~~4580~~	~~6~~
BREID119259-30	2022-10-25 16:19:32.524	13262		4.715307	0.125769	0.086686	0.000727	1352	16	1244	30	92.0	0.4	240	91	656	-5.193E-07	1352	16
BREID119259-99	2022-10-25 17:50:42.767	13263		11.177062	0.068761	0.059948	0.000363	599	13	553	3	92.3	0.8	216	176	442	2.048E-07	553	3
BREID119259-37	2022-10-25 16:26:01.519	13262		4.604105	0.100912	0.087128	0.000804	1362	18	1271	26	93.3	0.2	105	25	181	-1.037E-07	1362	18
BREID119259-65	2022-10-25 17:19:04.702	13263		5.509948	0.057572	0.077582	0.000723	1134	19	1077	10	95.0	0.6	113	66	353	-2.673E-07	1134	19
BREID119259-22	2022-10-25 16:13:24.232	13262		11.453267	0.099714	0.059048	0.000253	567	9	540	5	95.3	0.8	544	460	1243	5.547E-07	540	5
BREID119259-107	2022-10-25 18:01:01.272	13263		3.739067	0.031288	0.098472	0.000364	1594	7	1529	11	95.9	0.1	213	31	228	-5.205E-08	1594	7
BREID119259-106	2022-10-25 18:00:19.143	13263		5.863097	0.036363	0.074626	0.000445	1058	12	1016	6	96.0	0.6	96	59	297	2.074E-07	1058	12
BREID119259-19	2022-10-25 16:11:33.661	13262		5.379997	0.040658	0.077986	0.000426	1145	11	1100	8	96.1	0.5	194	89	484	-1.541E-06	1145	11
BREID119259-36	2022-10-25 16:24:23.261	13262		5.780111	0.079861	0.075120	0.000706	1070	18	1033	13	96.5	0.6	27	15	78	8.278E-08	1070	18
BREID119259-61	2022-10-25 17:16:23.873	13263		4.884564	0.029156	0.081922	0.000259	1242	6	1202	7	96.7	0.3	319	102	605	2.294E-07	1242	6
BREID119259-25	2022-10-25 16:16:19.313	13262		3.611347	0.035181	0.100385	0.000629	1629	12	1579	14	96.9	0.5	53	26	204	3.122E-08	1629	12
BREID119259-58	2022-10-25 16:46:32.827	13262		3.514912	0.026497	0.102054	0.000488	1661	9	1615	11	97.3	0.6	131	83	679	1.841E-07	1661	9
BREID119259-109	2022-10-25 18:03:07.766	13263		11.354837	0.059307	0.058854	0.000309	559	11	545	3	97.4	0.8	299	248	634	-1.938E-07	545	3
BREID119259-73	2022-10-25 17:26:01.488	13263		3.425463	0.023035	0.103902	0.000289	1694	5	1653	10	97.6	1.4	222	305	2321	4.783E-07	1694	5
BREID119259-50	2022-10-25 16:40:20.956	13262		5.198957	0.038395	0.078756	0.000559	1164	14	1135	8	97.6	0.3	85	27	150	-8.888E-08	1164	14
BREID119259-105	2022-10-25 17:59:37.212	13263		5.693679	0.030546	0.075105	0.000328	1070	9	1044	5	97.6	0.4	233	91	470	3.267E-07	1070	9
BREID119259-47	2022-10-25 16:37:34.479	13262		5.965099	0.044444	0.073404	0.000355	1024	10	1000	7	97.7	0.7	189	136	654	-2.63E-07	1024	10
BREID119259-11	2022-10-25 16:00:20.793	13262		5.211782	0.041486	0.078589	0.000535	1159	14	1133	8	97.8	0.3	73	20	113	-9.124E-08	1159	14
BREID119259-26	2022-10-25 16:16:53.277	13262		5.723389	0.043260	0.074852	0.000221	1063	6	1040	7	97.8	0.3	447	125	651	3.425E-07	1063	6
BREID119259-100	2022-10-25 17:51:22.763	13263		5.299062	0.037731	0.077786	0.000383	1140	10	1115	7	97.8	0.5	214	98	515	-3.799E-07	1140	10
BREID119259-21	2022-10-25 16:12:44.832	13262		5.200165	0.038850	0.078635	0.000456	1160	11	1136	8	97.9	0.3	71	24	133	-7.347E-08	1160	11
BREID119259-104	2022-10-25 17:58:56.895	13263		4.431973	0.020396	0.086055	0.000255	1338	6	1312	5	98.0	0.5	240	110	703	6.659E-07	1338	6
BREID119259-35	2022-10-25 16:23:42.898	13262		9.090598	0.116901	0.062796	0.000864	690	29	677	8	98.0	0.7	31	21	68	4.007E-07	677	8
BREID119259-85	2022-10-25 17:39:44.778	13263		3.889740	0.021122	0.093887	0.000348	1505	7	1476	7	98.1	0.4	117	42	303	9.039E-08	1505	7
BREID119259-68	2022-10-25 17:21:52.820	13263		11.379253	0.068574	0.058636	0.000385	554	15	544	3	98.1	1.2	179	214	533	-2.363E-07	544	3
BREID119259-66	2022-10-25 17:19:44.814	13263		3.567905	0.030412	0.100133	0.000481	1625	9	1594	12	98.1	0.9	65	59	462	-1.181E-07	1625	9
BREID119259-59	2022-10-25 16:47:03.924	13262		5.653166	0.038881	0.075197	0.000400	1071	11	1052	7	98.1	0.9	108	97	516	2.27E-07	1071	11
BREID119259-90	2022-10-25 17:43:05.574	13263		11.161960	0.050308	0.058972	0.000284	564	11	554	2	98.2	1.0	291	292	759	2.729E-07	554	2
BREID119259-40	2022-10-25 16:27:57.256	13262		5.307958	0.037965	0.077562	0.000396	1134	10	1114	7	98.2	0.3	128	44	236	3.192E-07	1134	10
BREID119259-57	2022-10-25 16:45:43.520	13262		5.192803	0.093406	0.079089	0.000927	1166	23	1146	19	98.2	0.4	19	8	41	-3.524E-08	1166	23
BREID119259-9	2022-10-25 15:59:00.514	13262		4.165301	0.078129	0.090120	0.001001	1423	21	1398	24	98.3	0.8	26	21	150	-8.626E-09	1423	21
BREID119259-82	2022-10-25 17:37:02.402	13263		3.624627	0.018417	0.098724	0.000394	1599	7	1571	7	98.3	0.6	161	96	737	2.843E-07	1599	7
BREID119259-13	2022-10-25 16:02:28.538	13262		5.936290	0.054177	0.073424	0.000537	1022	15	1006	8	98.4	0.3	61	18	88	2.446E-07	1022	15
BREID119259-53	2022-10-25 16:42:19.814	13262		10.663814	0.091426	0.059735	0.000700	587	25	578	5	98.5	0.5	68	33	91	-3.946E-07	578	5
BREID119259-108	2022-10-25 18:01:40.676	13263		3.295159	0.016811	0.106290	0.000287	1736	5	1710	8	98.5	0.6	213	126	1036	-1.011E-08	1736	5

BREID119259-49	2022-10-25 16:39:47.662	13262	3.542003	0.044219	0.100191	0.000579	1629	10	1605	18	98.5	0.2	170	31	250	-2.972E-07	1629	10
BREID119259-24	2022-10-25 16:14:53.185	13262	3.924527	0.048801	0.093129	0.000767	1488	16	1466	16	98.5	0.6	47	30	213	7.025E-08	1488	16
BREID119259-10	2022-10-25 15:59:45.898	13262	6.396403	0.041718	0.070831	0.000338	951	10	937	6	98.6	0.1	198	28	129	-3.812E-07	937	6
BREID119259-2	2022-10-25 15:53:31.532	13262	11.040723	0.217855	0.059081	0.000695	568	26	560	11	98.6	0.5	372	171	503	7.85E-07	560	11
BREID119259-8	2022-10-25 15:58:21.227	13262	5.102767	0.030971	0.078972	0.000278	1170	7	1154	7	98.7	0.4	188	70	403	2.19E-07	1170	7
BREID119259-3	2022-10-25 15:54:15.211	13262	5.919762	0.035012	0.073254	0.000259	1020	7	1006	6	98.7	0.3	277	82	405	-3.529E-07	1020	7
BREID119259-15	2022-10-25 16:03:53.226	13262	5.922811	0.039856	0.073270	0.000275	1020	8	1007	6	98.7	0.4	246	87	424	1.474E-07	1020	8
BREID119259-54	2022-10-25 16:42:55.632	13262	3.845609	0.026015	0.094152	0.000243	1510	5	1492	9	98.8	0.7	331	221	1712	7.411E-08	1510	5
BREID119259-4	2022-10-25 15:54:51.932	13262	5.275745	0.070189	0.077761	0.000622	1137	16	1124	14	98.9	0.5	47	22	126	2.239E-07	1137	16
BREID119259-48	2022-10-25 16:38:13.561	13262	6.645642	0.046807	0.069623	0.000516	915	15	905	6	98.9	0.4	85	34	146	6.045E-08	905	6
BREID119259-27	2022-10-25 16:17:32.824	13262	1.570321	0.037144	0.257408	0.001516	3230	9	3197	60	99.0	0.1	23	2	23	-2.901E-07	3230	9
BREID119259-120	2022-10-25 18:11:15.515	13263	5.008776	0.026016	0.079572	0.000256	1186	6	1174	6	99.0	0.6	213	123	686	7.654E-08	1186	6
BREID119259-84	2022-10-25 17:38:20.661	13263	2.973727	0.019384	0.115707	0.000415	1890	6	1871	11	99.0	0.6	100	64	596	1.814E-07	1890	6
BREID119259-16	2022-10-25 16:04:29.280	13262	5.179271	0.032024	0.078105	0.000253	1150	6	1139	6	99.0	0.3	209	67	380	-2.323E-07	1150	6
BREID119259-34	2022-10-25 16:23:09.257	13262	4.238405	0.031513	0.087971	0.000504	1380	11	1367	9	99.1	0.4	89	31	209	-5.208E-09	1380	11
BREID119259-38	2022-10-25 16:26:34.908	13262	5.595255	0.034412	0.075081	0.000261	1069	7	1060	6	99.2	0.5	321	156	806	2.132E-07	1069	7
BREID119259-110	2022-10-25 18:03:45.880	13263	3.013082	0.034468	0.114355	0.000778	1868	12	1852	19	99.2	0.9	41	38	343	-2.985E-07	1868	12
BREID119259-88	2022-10-25 17:41:54.322	13263	5.488023	0.060691	0.075941	0.000721	1090	19	1081	11	99.2	0.6	56	36	173	4.529E-07	1090	19
BREID119259-119	2022-10-25 18:10:35.319	13263	6.533235	0.043186	0.070068	0.000457	927	13	920	6	99.2	0.4	91	33	141	6.027E-08	920	6
BREID119259-62	2022-10-25 17:17:04.096	13263	6.336730	0.043427	0.070947	0.000443	953	13	945	6	99.2	0.4	86	36	161	2.209E-07	945	6
BREID119259-41	2022-10-25 16:28:37.616	13262	4.607767	0.031416	0.083369	0.000388	1276	9	1267	8	99.3	0.6	160	90	565	1.356E-08	1276	9
BREID119259-114	2022-10-25 18:06:26.620	13263	5.566934	0.029211	0.075229	0.000399	1072	11	1065	5	99.4	0.4	122	47	232	-1.012E-07	1072	11
BREID119259-60	2022-10-25 16:47:44.109	13262	2.130634	0.017924	0.164481	0.000594	2501	6	2485	17	99.4	0.8	50	40	516	3.744E-07	2501	6
BREID119259-67	2022-10-25 17:21:12.525	13263	1.557192	0.029992	0.259400	0.000974	3242	6	3221	49	99.4	0.6	21	12	182	2.082E-07	3242	6
BREID119259-72	2022-10-25 17:24:41.165	13263	11.415844	0.081120	0.058487	0.000449	545	17	542	4	99.4	1.1	242	262	608	-4.137E-07	542	4
BREID119259-102	2022-10-25 17:52:43.136	13263	2.598848	0.038000	0.131906	0.000730	2121	10	2108	27	99.4	0.7	29	22	216	-1.612E-07	2121	10
BREID119259-28	2022-10-25 16:18:20.837	13262	3.836982	0.040369	0.093859	0.000641	1503	13	1494	13	99.4	1.5	46	69	498	3.043E-07	1503	13
BREID119259-32	2022-10-25 16:21:46.428	13262	5.188221	0.038075	0.078007	0.000412	1145	11	1138	8	99.4	0.3	92	30	161	-1.056E-07	1145	11
BREID119259-69	2022-10-25 17:22:38.740	13263	5.751781	0.037076	0.073967	0.000232	1039	6	1033	6	99.4	0.3	549	143	667	-1.311E-07	1039	6
BREID119259-63	2022-10-25 17:17:44.308	13263	4.827240	0.028707	0.081094	0.000294	1222	7	1215	7	99.4	0.2	183	37	219	2.531E-07	1222	7
BREID119259-80	2022-10-25 17:35:41.734	13263	11.085724	0.081111	0.058878	0.000304	561	11	557	4	99.4	0.5	416	219	619	-9.869E-09	557	4
BREID119259-116	2022-10-25 18:08:34.546	13263	5.848804	0.083955	0.073812	0.000858	1028	23	1023	14	99.5	0.8	24	19	88	2.798E-07	1028	23
BREID119259-93	2022-10-25 17:45:53.962	13263	3.506230	0.029254	0.100227	0.000449	1628	9	1619	12	99.5	0.8	56	44	327	3.034E-07	1628	9
BREID119259-111	2022-10-25 18:04:26.051	13263	4.352373	0.021560	0.086128	0.000299	1340	7	1334	6	99.6	0.4	232	85	544	-4.187E-07	1340	7
BREID119259-1	2022-10-25 15:52:51.392	13262	6.330804	0.038089	0.070849	0.000370	951	11	947	5	99.6	0.7	145	99	464	-3.092E-07	947	5
BREID119259-51	2022-10-25 16:40:55.036	13262	2.707024	0.026430	0.125849	0.000561	2039	8	2030	17	99.6	0.9	44	37	397	5.114E-07	2039	8
BREID119259-64	2022-10-25 17:18:24.497	13263	11.047995	0.063097	0.058940	0.000364	562	13	559	3	99.6	0.6	193	120	311	2.302E-07	559	3
BREID119259-20	2022-10-25 16:12:04.130	13262	11.009526	0.054857	0.058931	0.000189	563	7	561	3	99.6	0.7	586	410	1125	-2.241E-07	561	3
BREID119259-79	2022-10-25 17:34:56.347	13263	11.214742	0.093812	0.058845	0.000629	554	24	551	4	99.6	0.5	65	34	97	-2.596E-07	551	4
BREID119259-7	2022-10-25 15:57:44.274	13262	5.541870	0.077529	0.075442	0.000732	1076	19	1072	14	99.6	0.9	33	31	165	-5.602E-07	1076	19
BREID119259-76	2022-10-25 17:28:01.949	13263	11.162046	0.072894	0.058720	0.000232	555	9	553	3	99.7	0.6	722	456	1196	2.83E-07	553	3
BREID119259-91	2022-10-25 17:44:33.353	13263	3.892044	0.023986	0.092678	0.000338	1481	7	1476	8	99.7	0.6	140	87	601	2.659E-07	1481	7
BREID119259-87	2022-10-25 17:41:05.188	13263	4.839073	0.039700	0.080970	0.000532	1218	13	1214	9	99.7	0.3	55	14	81	-3.182E-07	1218	13
BREID119259-31	2022-10-25 16:21:02.103	13262	5.856151	0.037862	0.073350	0.000431	1021	12	1018	6	99.7	0.5	93	50	242	5.737E-08	1021	12
BREID119259-103	2022-10-25 17:58:16.804	13263	3.083734	0.017203	0.111166	0.000273	1817	4	1812	9	99.7	0.2	199	47	426	-9.125E-08	1817	4
BREID119259-43	2022-10-25 16:34:53.325	13262	2.789245	0.024337	0.121878	0.000456	1983	7	1978	15	99.7	0.6	95	56	559	-3.438E-07	1983	7
BREID119259-17	2022-10-25 16:05:14.065	13262	3.007906	0.018405	0.113515	0.000266	1855	4	1852	10	99.8	0.2	266	46	414	7.267E-07	1855	4
BREID119259-101	2022-10-25 17:52:02.995	13263	4.802156	0.021852	0.081091	0.000274	1222	7	1220	5	99.8	1.1	186	209	1193	-5.959E-08	1222	7
BREID119259-117	2022-10-25 18:09:14.919	13263	3.715295	0.018540	0.095660	0.000231	1540	5	1538	7	99.9	0.6	213	132	960	1.301E-07	1540	5
BREID119259-89	2022-10-25 17:42:28.259	13263	3.337103	0.018055	0.103710	0.000288	1691	5	1691	8	100.0	0.7	236	156	1197	2.734E-07	1691	5
BREID119259-55	2022-10-25 16:44:23.293	13262	4.949817	0.040281	0.079555	0.000398	1184	10	1185	8	100.0	0.3	165	47	292	2.035E-07	1184	10
BREID119259-23	2022-10-25 16:14:04.528	13262	5.832612	0.040103	0.073287	0.000270	1021	7	1022	6	100.0	0.3	178	52	267	-7.088E-08	1021	7
BREID119259-5	2022-10-25 15:55:32.040	13262	4.979390	0.030555	0.079394	0.000302	1180	8	1181	7	100.1	0.3	194	60	366	-1.962E-07	1180	8
BREID119259-6	2022-10-25 15:56:13.365	13262	5.761925	0.057530	0.073786	0.000579	1032	16	1033	9	100.1	0.6	59	34	177	-1.047E-07	1032	16
BREID119259-77	2022-10-25 17:28:42.152	13263	3.685769	0.020765	0.096025	0.000214	1547	4	1549	8	100.1	0.6	303	173	1275	-1.626E-07	1547	4
BREID119259-39	2022-10-25 16:27:11.340	13262	5.117780	0.037518	0.078188	0.000386	1150	10	1152	8	100.2	0.1	103	15	120	6.852E-07	1150	10
BREID119259-52	2022-10-25 16:41:42.334	13262	6.441807	0.051020	0.070042	0.000384	930	12	932	7	100.2	0.5	101	48	218	3.925E-07	932	7
BREID119259-78	2022-10-25 17:29:25.050	13263	5.780904	0.031307	0.073527	0.000337	1027	9	1029	5	100.2	0.5	191	89	421	-1.736E-07	1027	9
BREID119259-70	2022-10-25 17:23:13.321	13263	2.954918	0.020045	0.114774	0.000352	1875	6	1880	11	100.3	0.9	77	71	641	3.87E-07	1875	6
BREID119259-12	2022-10-25 16:01:00.955	13262	5.813924	0.050125	0.073366	0.000476	1022	13	1025	8	100.3	0.2	77	19	97	2.132E-07	1022	13
BREID119259-112	2022-10-25 18:05:06.202	13263	3.940410	0.016534	0.091344	0.000289	1452	6	1458	5	100.4	0.5	167	76	528	-4.613E-07	1452	6
BREID119259-45	2022-10-25 16:36:13.595	13262	5.958080	0.035823	0.072412	0.000281	996	8	1000	5	100.4	0.5	387	207	1028	1.97E-07	1000	5
BREID119259-71	2022-10-25 17:23:53.416	13263	6.369813	0.047578	0.070402	0.000524	936	15	940	6	100.4	1.0	60	58	244	3.569E-07	940	6
BREID119259-33	2022-10-25 16:22:22.574	13262	4.922594	0.056755	0.079831	0.000670	1190	17	1196	12	100.5	0.4	31	13	75	5.026E-07	1190	17
BREID119259-46	2022-10-25 16:36:53.558	13262	4.991214	0.036674	0.079086	0.000395	1173	10	1178	8	100.5	0.3	158	46	262	4.535E-07	1173	10
BREID119259-94	2022-10-25 17:46:34.163	13263	5.114120	0.026176	0.077993	0.000238	1146	6	1152	5	100.5	0.3	246	77	409	3.421E-07	1146	6
BREID119259-95	2022-10-25 17:47:14.275	13263	4.971166	0.030837	0.079222	0.000399	1176	10	1182	7	100.6	0.3	103	34	187	1.675E-07	1176	10
BREID119259-42	2022-10-25 16:29:11.921	13262	11.179945	0.066755	0.058588	0.000294	550	11	553	3	100.6	0.9	277	253	691	3.993E-07	553	3

BREID119259-81	2022-10-25 17:36:26.108	13263		5.614268	0.036594	0.074367	0.000344	1050	9	1057	6	100.7	0.3	277	81	429	-3.815E-07	1050	9
BREID119259-14	2022-10-25 16:03:08.916	13262		6.349382	0.065299	0.070454	0.000662	938	19	946	9	100.8	0.5	42	21	97	9.981E-08	946	9
BREID119259-75	2022-10-25 17:27:21.760	13263		5.784315	0.035421	0.073302	0.000500	1019	14	1029	6	101.0	0.4	70	27	129	3.506E-09	1019	14
BREID119259-92	2022-10-25 17:45:13.773	13263		6.072143	0.056767	0.071803	0.000607	976	17	986	8	101.0	0.4	46	18	83	9.803E-08	986	8
BREID119259-113	2022-10-25 18:05:46.413	13263		5.887101	0.056189	0.072712	0.000570	1004	16	1015	9	101.1	0.4	39	15	71	-6.368E-07	1004	16
BREID119259-96	2022-10-25 17:47:54.530	13263		9.363135	0.048445	0.061292	0.000391	646	14	655	3	101.3	1.6	150	233	677	2.364E-08	655	3
BREID119259-18	2022-10-25 16:05:51.562	13262		11.302730	0.127721	0.058506	0.000911	538	34	547	6	101.8	1.1	47	53	142	2.686E-07	547	6
BREID119259-44	2022-10-25 16:35:27.342	13262		10.590970	0.082928	0.059098	0.000197	570	7	582	4	102.2	0.5	839	418	1188	3.923E-07	582	4
BREID119259-74	2022-10-25 17:26:41.646	13263		10.963017	0.051049	0.058597	0.000258	550	10	563	3	102.4	1.8	440	808	2039	1.781E-07	563	3
BREID119259-97	2022-10-25 17:49:22.392	13263		5.113486	0.059598	0.077252	0.000674	1124	17	1153	12	102.6	1.0	42	42	214	2.445E-07	1124	17
BREID119259-29	2022-10-25 16:18:55.729	13262		11.329535	0.090313	0.058135	0.000667	531	26	546	4	102.8	0.9	77	69	189	-6.97E-08	546	4
BREID119259-118	2022-10-25 18:09:55.112	13263		10.953131	0.058721	0.058570	0.000385	548	14	563	3	102.9	1.0	127	125	327	-1.304E-07	563	3
BREID119259-86	2022-10-25 17:40:25.439	13263		11.432420	0.106564	0.057761	0.000640	521	26	541	5	103.9	0.9	111	106	279	-2.938E-07	541	5
BREID119259-83	2022-10-25 17:37:38.863	13263		5.333704	0.083650	0.075111	0.000945	1065	25	1114	16	104.6	0.3	34	10	53	-8.064E-07	1065	25
BREID119259-56	2022-10-25 16:45:02.666	13262		3.509249	0.055634	0.095413	0.000571	1535	11	1620	23	105.6	0.3	183	47	378	2.85E-07	1535	11
BREID119259-115	2022-10-25 18:07:58.079	13263		6.018948	0.048535	0.070160	0.000578	930	17	992	7	106.7	0.3	83	28	127	-4.739E-07	992	7

STAM021651

STAM021651-68	2022-11-21 14:32:07.303	13280	>10% disc.	7.538592	0.115301	0.195430	0.001498	2787	13	805	11	28.9	0.7	391	280	2701	6.786E-05	2787	13
STAM021651-96	2022-11-21 14:58:17.228	13280	>10% disc.	5.675110	0.423296	0.106895	0.011989	1665	213	1073	72	64.5	0.6	13	8	54	2.984E-06	1665	213
STAM021651-35	2022-11-21 13:25:48.116	13279	>10% disc.	4.690619	0.027777	0.099919	0.000348	1621	6	1247	7	76.9	0.6	265	151	460	1.121E-06	1621	6
STAM021651-72	2022-11-21 14:34:50.875	13280	>10% disc.	4.213862	0.041748	0.106694	0.000867	1742	15	1373	13	78.8	1.4	126	176	894	-2.026E-06	1742	15
STAM021651-113	2022-11-21 15:16:26.019	13280	>10% disc.	5.950397	0.038548	0.082577	0.000336	1258	8	1002	6	79.7	0.4	347	156	415	1.421E-06	1258	8
STAM021651-37	2022-11-21 13:28:04.864	13279	>10% disc.	4.082541	0.042781	0.098167	0.000664	1588	13	1414	13	89.0	1.0	87	91	477	-3.888E-07	1588	13
STAM021651-98	2022-11-21 15:00:42.565	13280		5.717161	0.021530	0.077140	0.000258	1124	7	1039	4	92.5	0.6	907	558	2517	9.991E-07	1124	7
STAM021651-118	2022-11-21 15:20:49.743	13280		4.010817	0.019512	0.095446	0.000242	1536	5	1436	6	93.5	0.4	426	162	668	8.568E-07	1536	5
STAM021651-83	2022-11-21 14:48:01.208	13280		5.956194	0.081817	0.075205	0.001014	1070	27	1003	13	93.7	0.8	52	43	171	9.676E-08	1070	27
STAM021651-116	2022-11-21 15:19:32.117	13280		5.408007	0.053057	0.078160	0.000557	1149	14	1095	10	95.3	0.5	105	48	217	7.83E-07	1149	14
STAM021651-36	2022-11-21 13:26:25.945	13279		5.074682	0.026391	0.080020	0.000429	1197	11	1160	6	97.0	0.8	96	76	372	3.339E-07	1197	11
STAM021651-43	2022-11-21 13:37:06.713	13279		4.809809	0.047107	0.082369	0.000633	1255	14	1219	11	97.1	0.4	102	43	191	1.408E-06	1255	14
STAM021651-48	2022-11-21 13:40:27.020	13279		3.683696	0.021555	0.097848	0.000432	1582	8	1549	8	97.9	0.6	323	196	1310	8.062E-07	1582	8
STAM021651-103	2022-11-21 15:09:00.224	13280		4.361974	0.016092	0.087007	0.000297	1360	7	1331	4	97.9	0.4	397	140	803	9.036E-07	1360	7
STAM021651-14	2022-11-21 13:05:09.375	13279		3.619587	0.041703	0.099004	0.000589	1604	11	1574	16	98.1	1.4	85	118	756	1.082E-06	1604	11
STAM021651-61	2022-11-21 14:26:20.778	13280		4.998483	0.063435	0.080251	0.001054	1199	26	1178	14	98.3	1.0	39	39	194	2.577E-07	1199	26
STAM021651-71	2022-11-21 14:33:55.055	13280		4.115090	0.053265	0.090265	0.000868	1429	18	1405	17	98.3	0.5	45	23	151	-5.315E-08	1429	18
STAM021651-59	2022-11-21 13:49:35.597	13279		2.796427	0.023243	0.122758	0.000647	1995	9	1972	14	98.8	0.6	93	53	457	3.921E-07	1995	9
STAM021651-75	2022-11-21 14:37:43.246	13280		2.164277	0.015967	0.161865	0.000534	2474	6	2449	15	99.0	0.1	325	24	243	4.093E-07	2474	6
STAM021651-3	2022-11-21 12:55:48.891	13279		3.378119	0.029319	0.103373	0.000478	1684	9	1674	13	99.4	0.9	87	77	557	-1.263E-07	1684	9
STAM021651-90	2022-11-21 14:53:25.681	13280		2.733835	0.028860	0.124948	0.000775	2026	11	2015	18	99.5	1.3	36	47	391	1.168E-07	2026	11
STAM021651-33	2022-11-21 13:24:23.444	13279		3.587147	0.023231	0.098439	0.000398	1594	8	1586	9	99.5	0.9	196	171	1170	4.318E-07	1594	8
STAM021651-34	2022-11-21 13:25:03.607	13279		4.239872	0.032315	0.087574	0.000475	1372	10	1366	9	99.6	0.6	161	95	553	-3.279E-07	1372	10
STAM021651-4	2022-11-21 12:56:29.189	13279		5.715900	0.026591	0.074150	0.000192	1044	5	1040	4	99.6	0.1	439	50	229	6.948E-07	1044	5
STAM021651-88	2022-11-21 14:52:04.108	13280		5.171434	0.035911	0.078069	0.000450	1146	11	1142	7	99.6	0.6	63	37	180	3.199E-07	1146	11
STAM021651-47	2022-11-21 13:39:44.991	13279		3.250569	0.028963	0.106378	0.000503	1737	9	1731	13	99.7	0.7	74	52	395	-4.91E-07	1737	9
STAM021651-119	2022-11-21 15:21:20.849	13280		2.949187	0.020207	0.115700	0.000472	1889	7	1885	11	99.7	0.9	68	59	495	5.86E-08	1889	7
STAM021651-5	2022-11-21 12:57:09.309	13279		3.794153	0.024601	0.094348	0.000403	1513	8	1510	9	99.8	1.1	80	86	552	5.79E-08	1513	8
STAM021651-117	2022-11-21 15:20:07.643	13280		3.819312	0.040570	0.093995	0.000698	1506	14	1502	14	99.8	0.9	41	36	231	3.186E-07	1506	14
STAM021651-81	2022-11-21 14:46:30.369	13280		3.934034	0.027942	0.091816	0.000523	1462	11	1459	9	99.8	0.6	135	88	367	3.271E-07	1462	11
STAM021651-91	2022-11-21 14:54:57.406	13280		3.950976	0.016057	0.091597	0.000322	1458	7	1455	5	99.8	0.2	245	39	257	4.369E-07	1458	7
STAM021651-62	2022-11-21 14:27:01.816	13280		3.080212	0.010140	0.111007	0.000274	1815	5	1812	5	99.8	0.4	209	91	694	2E-07	1815	5
STAM021651-99	2022-11-21 15:01:17.527	13280		4.293773	0.013434	0.086589	0.000297	1350	7	1349	4	99.9	0.3	221	72	430	1.348E-07	1350	7
STAM021651-42	2022-11-21 13:31:17.842	13279		4.611588	0.026428	0.082954	0.000405	1267	10	1266	7	99.9	0.8	85	69	377	9.239E-07	1267	10
STAM021651-6	2022-11-21 12:57:49.447	13279		2.959713	0.017553	0.114938	0.000241	1878	4	1878	10	100.0	0.4	197	70	554	7.465E-07	1878	4
STAM021651-111	2022-11-21 15:15:09.101	13280		3.048667	0.010388	0.111859	0.000300	1829	5	1829	5	100.0	0.1	164	9	71	2.681E-07	1829	5
STAM021651-2	2022-11-21 12:55:18.470	13279		3.734985	0.023113	0.095116	0.000388	1529	8	1530	8	100.1	0.3	183	64	398	4.353E-07	1529	8
STAM021651-10	2022-11-21 13:01:27.637	13279		4.745049	0.032524	0.081564	0.000431	1233	10	1234	8	100.1	0.6	108	61	327	-3.393E-08	1233	10
STAM021651-39	2022-11-21 13:29:17.325	13279		4.509748	0.023141	0.083993	0.000296	1291	7	1292	6	100.1	0.4	148	66	363	-1.23E-08	1291	7
STAM021651-21	2022-11-21 13:14:35.691	13279		4.853047	0.023007	0.080414	0.000302	1207	7	1209	5	100.1	0.5	142	72	401	7.102E-07	1207	7
STAM021651-60	2022-11-21 13:50:04.503	13279		4.323882	0.027184	0.086179	0.000411	1341	9	1343	8	100.1	0.4	89	36	208	-6.94E-08	1341	9
STAM021651-110	2022-11-21 15:14:26.364	13280		3.276551	0.011208	0.105145	0.000326	1716	6	1718	5	100.1	0.6	222	123	1006	9.492E-07	1716	6
STAM021651-57	2022-11-21 13:48:03.962	13279		3.519542	0.024037	0.099392	0.000514	1612	9	1614	10	100.1	0.8	54	45	325	6.357E-07	1612	9
STAM021651-45	2022-11-21 13:38:16.582	13279		4.770237	0.022724	0.081231	0.000311	1225	8	1228	5	100.2	0.4	117	43	229	8.539E-07	1225	8
STAM021651-15	2022-11-21 13:05:36.717	13279		2.434770	0.021568	0.139308	0.000564	2218	7	2223	17	100.2	0.5	43	20	204	6.531E-07	2218	7
STAM021651-70	2022-11-21 14:33:15.801	13280		2.898572	0.014275	0.116838	0.000404	1907	6	1912	8	100.3	0.1	162	22	188	1.84E-07	1907	6
STAM021651-46	2022-11-21 13:38:56.792	13279		3.781789	0.015364	0.094101	0.000314	1509	6	1513	6	100.3	0.6	154	96	646	8.746E-08	1509	6
STAM021651-32	2022-11-21 13:23:42.871	13279		5.696656	0.038594	0.074021	0.000383	1040	10	1044	7	100.3	0.5	148	71	313	-3.274E-07	1040	10
STAM021651-44	2022-11-21 13:37:39.347	13279		4.783184	0.030911	0.081026	0.000467	1220	11	1224	7	100.3	0.4	88	34	181	3.634E-07	1220	11

STAM021651-51	2022-11-21 13:43:10.503	13279	3.845669	0.024745	0.093025	0.000417	1487	8	1492	9	100.3	0.6	95	55	369	9.707E-08	1487	8
STAM021651-66	2022-11-21 14:29:50.365	13280	3.218185	0.041515	0.106787	0.000729	1743	13	1749	20	100.4	1.2	36	42	302	6.415E-08	1743	13
STAM021651-73	2022-11-21 14:36:09.414	13280	5.723170	0.034827	0.073840	0.000420	1035	11	1039	6	100.4	0.5	155	72	313	2.777E-07	1035	11
STAM021651-9	2022-11-21 13:00:42.623	13279	3.736665	0.027136	0.094871	0.000369	1524	7	1530	10	100.4	0.6	200	110	750	3.996E-07	1524	7
STAM021651-82	2022-11-21 14:47:09.131	13280	4.111060	0.037393	0.088838	0.000860	1399	19	1404	11	100.4	0.8	92	70	458	-1.011E-06	1399	19
STAM021651-29	2022-11-21 13:20:49.894	13279	3.787232	0.030519	0.093984	0.000448	1506	9	1512	11	100.4	1.1	49	55	363	4.921E-07	1506	9
STAM021651-101	2022-11-21 15:02:32.891	13280	4.817369	0.042400	0.080700	0.000661	1212	16	1217	10	100.4	0.5	92	44	250	6.522E-08	1212	16
STAM021651-58	2022-11-21 13:48:44.181	13279	3.925845	0.022022	0.091589	0.000400	1457	8	1464	7	100.5	1.0	69	66	425	9.304E-08	1457	8
STAM021651-20	2022-11-21 13:14:00.539	13279	5.701642	0.028312	0.073870	0.000243	1037	7	1042	5	100.5	0.1	454	57	270	2.238E-07	1037	7
STAM021651-120	2022-11-21 15:22:01.477	13280	2.582989	0.022925	0.130224	0.000620	2099	8	2112	16	100.6	0.8	41	31	294	2.69E-07	2099	8
STAM021651-63	2022-11-21 14:27:41.920	13280	3.705537	0.013029	0.095215	0.000311	1531	6	1541	5	100.6	0.5	186	88	591	1.768E-07	1531	6
STAM021651-74	2022-11-21 14:36:49.572	13280	4.419410	0.024967	0.084727	0.000432	1307	10	1315	7	100.6	0.6	74	41	230	-5.935E-09	1307	10
STAM021651-52	2022-11-21 13:43:50.699	13279	5.079163	0.027526	0.078257	0.000376	1152	10	1159	6	100.6	0.3	136	43	227	-1.864E-07	1152	10
STAM021651-106	2022-11-21 15:10:52.296	13280	4.785428	0.047521	0.081044	0.000599	1219	14	1227	11	100.7	0.4	37	14	73	-5.22E-08	1219	14
STAM021651-87	2022-11-21 14:51:23.930	13280	4.856871	0.041054	0.080322	0.000592	1201	15	1210	9	100.7	1.4	44	59	314	3.926E-08	1201	15
STAM021651-12	2022-11-21 13:02:43.327	13279	3.783287	0.021386	0.093703	0.000354	1502	7	1512	7	100.7	0.9	109	98	647	5.579E-09	1502	7
STAM021651-69	2022-11-21 14:32:44.724	13280	3.267501	0.013074	0.104766	0.000368	1709	6	1722	6	100.7	0.3	223	77	587	6.42E-08	1709	6
STAM021651-112	2022-11-21 15:15:45.259	13280	4.870178	0.040887	0.079954	0.000403	1194	10	1203	9	100.7	0.3	388	105	584	5.006E-08	1194	10
STAM021651-26	2022-11-21 13:18:58.521	13279	4.980531	0.035891	0.079071	0.000658	1171	17	1180	8	100.8	0.4	74	30	152	3.172E-07	1171	17
STAM021651-49	2022-11-21 13:41:49.871	13279	3.063836	0.032034	0.110829	0.000565	1812	9	1827	17	100.8	0.8	35	29	237	-1.702E-08	1812	9
STAM021651-27	2022-11-21 13:19:30.232	13279	4.713394	0.029069	0.081477	0.000435	1231	10	1241	7	100.8	0.4	105	43	230	2.671E-07	1231	10
STAM021651-56	2022-11-21 13:47:37.588	13279	3.003986	0.030129	0.112439	0.000622	1838	10	1853	16	100.8	0.2	162	38	333	9.601E-07	1838	10
STAM021651-86	2022-11-21 14:50:43.063	13280	3.635267	0.039234	0.096493	0.000611	1556	12	1569	15	100.8	0.9	76	71	506	6.53E-07	1556	12
STAM021651-115	2022-11-21 15:18:39.558	13280	4.698448	0.023898	0.081555	0.000415	1233	10	1245	6	100.9	0.3	172	45	260	4.341E-07	1233	10
STAM021651-67	2022-11-21 14:31:26.409	13280	3.652264	0.021369	0.095978	0.000454	1546	9	1561	8	100.9	0.2	224	55	213	7.182E-08	1546	9
STAM021651-93	2022-11-21 14:56:18.131	13280	3.086257	0.034071	0.109907	0.000717	1796	12	1813	18	101.0	1.1	32	35	277	2.061E-07	1796	12
STAM021651-16	2022-11-21 13:06:16.930	13279	3.473222	0.024448	0.099704	0.000395	1618	8	1633	10	101.0	0.6	78	45	318	2.497E-07	1618	8
STAM021651-23	2022-11-21 13:15:55.501	13279	4.748176	0.026033	0.080999	0.000340	1220	8	1233	6	101.0	0.4	230	83	475	1.389E-07	1220	8
STAM021651-104	2022-11-21 15:09:31.947	13280	5.202296	0.025950	0.077087	0.000405	1122	11	1134	5	101.1	0.5	121	63	325	4.888E-07	1122	11
STAM021651-19	2022-11-21 13:13:17.927	13279	1.867132	0.023272	0.189899	0.000665	2740	6	2774	28	101.2	1.4	38	53	695	1.812E-07	2740	6
STAM021651-108	2022-11-21 15:12:12.773	13280	5.589674	0.078569	0.074686	0.000770	1054	21	1068	14	101.3	1.1	26	28	131	-1.333E-07	1054	21
STAM021651-100	2022-11-21 15:01:52.146	13280	4.630595	0.020253	0.082016	0.000487	1244	12	1260	5	101.3	0.8	119	91	530	1.827E-07	1244	12
STAM021651-38	2022-11-21 13:28:37.482	13279	4.654976	0.030095	0.081807	0.000445	1239	11	1256	7	101.4	0.4	88	32	171	3.27E-07	1239	11
STAM021651-30	2022-11-21 13:21:38.946	13279	3.212451	0.037807	0.105853	0.000833	1727	15	1751	18	101.4	0.6	36	21	159	-3.049E-07	1727	15
STAM021651-85	2022-11-21 14:50:03.520	13280	3.770079	0.021097	0.093494	0.000460	1496	9	1517	7	101.4	0.3	61	19	125	1.573E-07	1496	9
STAM021651-18	2022-11-21 13:07:37.273	13279	4.205597	0.027062	0.086913	0.000474	1358	11	1377	8	101.4	0.7	68	48	280	1.618E-07	1358	11
STAM021651-64	2022-11-21 14:28:23.938	13280	3.836408	0.047732	0.092646	0.000745	1477	15	1499	17	101.5	1.3	27	34	217	1.438E-07	1477	15
STAM021651-80	2022-11-21 14:45:49.120	13280	4.561021	0.042614	0.082771	0.000665	1260	16	1280	11	101.6	1.0	38	39	214	3.383E-07	1260	16
STAM021651-92	2022-11-21 14:55:37.937	13280	4.601476	0.019456	0.082071	0.000351	1247	9	1268	5	101.7	0.3	101	27	155	3.163E-07	1247	9
STAM021651-95	2022-11-21 14:57:38.408	13280	4.793732	0.050077	0.080526	0.000752	1205	18	1225	12	101.7	0.4	33	15	79	3.845E-07	1205	18
STAM021651-53	2022-11-21 13:44:32.319	13279	2.941488	0.024587	0.113736	0.000518	1858	8	1890	14	101.7	0.8	59	46	398	4.144E-07	1858	8
STAM021651-25	2022-11-21 13:18:08.747	13279	4.699134	0.038190	0.081147	0.000442	1223	11	1244	9	101.8	0.6	70	41	220	4.171E-07	1223	11
STAM021651-114	2022-11-21 15:17:06.686	13280	5.770720	0.030570	0.073006	0.000451	1012	12	1031	5	101.9	0.3	141	47	221	5.568E-08	1012	12
STAM021651-8	2022-11-21 13:00:06.550	13279	5.787792	0.052590	0.072989	0.000576	1011	16	1029	9	101.9	0.5	62	30	130	7.768E-07	1011	16
STAM021651-105	2022-11-21 15:10:11.405	13280	3.770488	0.040712	0.093404	0.000618	1493	12	1522	15	102.0	0.8	33	25	174	-6.209E-08	1493	12
STAM021651-97	2022-11-21 14:59:52.999	13280	4.970881	0.018311	0.078512	0.000340	1158	9	1182	4	102.0	0.6	136	77	399	9.706E-08	1158	9
STAM021651-94	2022-11-21 14:56:56.971	13280	3.364599	0.060713	0.101413	0.000969	1647	18	1682	26	102.1	0.3	24	6	51	-3.381E-07	1647	18
STAM021651-55	2022-11-21 13:46:51.767	13279	3.941762	0.026912	0.090124	0.000532	1426	11	1459	9	102.3	0.5	82	39	238	3.688E-07	1426	11
STAM021651-11	2022-11-21 13:02:02.925	13279	3.468058	0.035922	0.098676	0.000544	1597	10	1635	14	102.3	0.8	42	33	241	-8.727E-08	1597	10
STAM021651-50	2022-11-21 13:42:37.639	13279	5.416034	0.065557	0.075124	0.000792	1067	21	1094	13	102.5	0.3	35	10	53	6.557E-07	1067	21
STAM021651-28	2022-11-21 13:20:09.762	13279	5.644224	0.065343	0.073713	0.000760	1029	21	1055	12	102.5	0.5	36	16	76	2.514E-07	1029	21
STAM021651-107	2022-11-21 15:11:31.957	13280	3.734486	0.060940	0.093775	0.000917	1499	19	1537	23	102.5	1.1	23	25	171	-2.331E-07	1499	19
STAM021651-102	2022-11-21 15:03:17.081	13280	3.760757	0.035456	0.092916	0.000589	1484	12	1523	13	102.6	0.3	48	12	79	3.871E-07	1484	12
STAM021651-78	2022-11-21 14:39:31.356	13280	3.865123	0.039315	0.091223	0.000726	1447	15	1486	13	102.7	0.6	34	21	131	1.151E-07	1447	15
STAM021651-24	2022-11-21 13:16:40.192	13279	3.757102	0.067887	0.093100	0.000976	1486	20	1531	25	103.1	0.9	21	18	125	3.501E-07	1486	20
STAM021651-79	2022-11-21 14:45:09.020	13280	3.357120	0.067236	0.101389	0.000927	1648	16	1700	29	103.2	1.5	14	21	158	3.581E-07	1648	16
STAM021651-17	2022-11-21 13:06:56.771	13279	5.567767	0.031011	0.073735	0.000333	1032	9	1066	6	103.3	0.3	116	37	166	1.224E-07	1032	9
STAM021651-31	2022-11-21 13:23:04.146	13279	4.633075	0.029757	0.080968	0.000442	1220	11	1262	7	103.4	0.4	70	27	145	-2.472E-07	1220	11
STAM021651-109	2022-11-21 15:13:47.132	13280	3.008870	0.036531	0.109861	0.000632	1796	11	1858	20	103.4	0.8	31	26	216	3.036E-07	1796	11
STAM021651-41	2022-11-21 13:30:41.100	13279	1.587370	0.016716	0.229088	0.000686	3045	5	3157	27	103.7	0.9	31	28	414	3.585E-07	3045	5
STAM021651-54	2022-11-21 13:45:11.121	13279	3.785815	0.050724	0.091990	0.000659	1465	14	1521	19	103.8	0.6	28	18	123	4.19E-07	1465	14
STAM021651-84	2022-11-21 14:48:30.220	13280	5.559546	0.162830	0.074463	0.001130	1050	31	1090	29	103.8	0.7	13	9	43	4.212E-07	1050	31
STAM021651-89	2022-11-21 14:52:44.388	13280	6.058973	0.166818	0.071675	0.001154	968	34	1005	26	103.8	1.3	13	17	72	-1.059E-07	1005	26
STAM021651-40	2022-11-21 13:29:57.009	13279	4.135818	0.038332	0.086361	0.000606	1345	14	1397	12	103.9	0.4	119	50	326	2.749E-07	1345	14
STAM021651-22	2022-11-21 13:15:18.461	13279	4.084620	0.060458	0.087203	0.000711	1361	16	1416	18	104.0	0.8	25	20	130	4.635E-07	1361	16
STAM021651-7	2022-11-21 12:59:21.913	13279	2.674156	0.053628	0.121984	0.000899	1983	13	2064	36	104.1	1.3	18	23	208	4.217E-07	1983	13
STAM021651-76	2022-11-21 14:38:12.583	13280	4.515870	0.110378	0.082521	0.000935	1258	21	1312	30	104.3	1.0	17	17	90	-3.009E-07	1258	21
STAM021651-13	2022-11-21 13:04:15.512	13279	5.587480	0.052162	0.073273	0.000703	1018	19	1062	9	104.3	0.8	54	42	192	5.256E-07	1018	19

STAM021651-77	2022-11-21 14:38:50.105	13280	4.976994	0.062040	0.077383	0.000832	1125	22	1184	14	105.2	0.5	31	16	82	3.448E-07	1125	22
STAM021651-65	2022-11-21 14:29:01.387	13280	3.623240	0.044618	0.093180	0.001031	1489	21	1573	17	105.6	0.5	66	31	224	-7.676E-08	1489	21
STAM021651-1	2022-11-21 12:54:34.154	13279	5.635105	0.130995	0.073102	0.001164	1007	32	1067	24	106.0	0.6	16	9	41	2.118E-07	1007	32

Appendix 6: U–Pb standards

The table below contains the results from the U–Pb analyses of the standards.

				Isotope ratios				Age estimates (Ma)					Concentrations				
				Tera-Wasserburg output													
Analysis_#	**Date**	**Sequence**	**Comments**	**238/206**	**2SE**	**207/206**	**2SE**	**Pb207/Pb206**	**2SE**	**Pb206/U238**	**2SE**	**conc**	**Th/U**	**U***	**Th***	**Pbtot***	**204 cps**
Z_GJ1																	
GJ	2022-02-11 14:44:14.008	12844		10.216242	0.044846	0.060240	0.000227	610	8	603	3	98.8	0.03	288	10	26	-1.7E-07
GJ (Copy 1)	2022-02-11 14:44:58.371	12844		10.233078	0.042755	0.060033	0.000264	603	10	602	2	99.7	0.03	291	9	26	-9.2E-08
GJ (Copy 2)	2022-02-11 14:53:54.110	12844		10.224395	0.040784	0.060262	0.000269	610	10	602	2	98.6	0.03	280	9	25	1.9E-08
GJ (Copy 3)	2022-02-11 15:02:49.360	12844		10.225661	0.040593	0.060214	0.000288	609	10	602	2	98.9	0.0	287	10	26	-2.2E-07
GJ (Copy 4)	2022-02-11 15:11:44.699	12844		10.226943	0.044405	0.059945	0.000255	599	9	602	3	100.5	0.0	288	9	26	1.5E-07
GJ (Copy 5)	2022-02-11 15:18:27.759	12844		10.221427	0.040851	0.060382	0.000261	615	9	602	2	97.9	0.0	287	10	26	1.4E-07
GJ (Copy 6)	2022-02-11 15:27:22.551	12844		10.225047	0.039442	0.060079	0.000274	604	10	602	2	99.7	0.0	287	10	26	7.0E-08
GJ (Copy 7)	2022-02-11 15:34:49.466	12844		10.225433	0.043091	0.060287	0.000255	612	9	602	2	98.4	0.0	287	9	26	-8.0E-08
GJ (Copy 7) (Copy 1)	2022-02-11 15:39:19.863	12844		10.227640	0.041948	0.060037	0.000232	603	8	602	2	99.8	0.0	287	10	25	-1.8E-06
GJ (Copy 7) (Copy 2)	2022-02-11 15:42:16.434	12844		10.224996	0.041581	0.060250	0.000255	610	9	602	2	98.7	0.0	287	9	26	1.7E-07
GJ	2022-02-14 12:30:13.711	12846		10.346705	0.110909	0.060130	0.000286	606	10	598	6	98.7	0.0	288	10	26	-2.9E-07
GJ (Copy 1)	2022-02-14 12:33:10.405	12846		10.230517	0.113614	0.060174	0.000342	606	12	605	6	99.7	0.0	283	10	26	8.0E-07
GJ (Copy 1) (Copy 1)	2022-02-14 12:40:00.213	12846		10.204108	0.098267	0.060225	0.000309	609	11	605	5	99.4	0.0	290	10	26	-2.8E-07
GJ (Copy 1) (Copy 2)	2022-02-14 12:49:02.479	12846		10.280858	0.105303	0.060253	0.000353	609	13	601	6	98.7	0.0	290	10	26	1.0E-06
GJ (Copy 1) (Copy 3)	2022-02-14 12:55:52.607	12846		10.266033	0.098036	0.060104	0.000345	605	12	602	5	99.4	0.0	288	9	26	-5.6E-07
GJ (Copy 1) (Copy 4)	2022-02-14 13:04:55.042	12846		10.192576	0.099737	0.060208	0.000357	607	13	606	6	99.8	0.0	285	9	26	4.3E-07
GJ (Copy 1) (Copy 5)	2022-02-14 13:11:45.770	12846		10.295430	0.085028	0.060136	0.000340	608	13	599	5	98.6	0.0	286	9	26	-2.9E-07
GJ (Copy 1) (Copy 6)	2022-02-14 13:20:48.220	12846		10.251845	0.082388	0.060182	0.000345	608	12	602	5	99.0	0.0	287	9	26	8.8E-08
GJ (Copy 1)	2022-02-14 13:29:51.902	12846		10.375326	0.089300	0.060113	0.000368	605	14	595	5	98.4	0.0	287	10	26	-7.2E-08
GJ (Copy 2)	2022-02-14 13:36:43.298	12846		10.227318	0.079965	0.060275	0.000347	611	13	603	4	98.7	0.0	289	10	26	-5.8E-07
GJ (Copy 3)	2022-02-14 13:45:47.006	12846		10.247023	0.075455	0.059924	0.000368	597	13	602	4	100.8	0.0	296	9	26	-5.6E-07
GJ (Copy 4)	2022-02-14 13:52:37.670	12846		10.209200	0.074685	0.060340	0.000396	612	14	604	4	98.8	0.0	273	9	25	-5.6E-07
GJ (Copy 5)	2022-02-14 14:01:40.102	12846		10.219951	0.072715	0.060055	0.000369	603	14	603	4	100.0	0.0	287	10	26	2.3E-07
GJ (Copy 6)	2022-02-14 14:08:31.592	12846		10.288482	0.070965	0.060255	0.000412	608	15	599	4	98.5	0.0	290	10	26	-6.8E-07
GJ (Copy 7)	2022-02-14 14:11:28.168	12846		10.209666	0.064564	0.060211	0.000316	608	11	604	4	99.3	0.0	288	9	26	-1.2E-07
GJ	2022-02-18 12:24:04.616	12856		10.250317	0.076997	0.060312	0.000236	613	8	601	4	98.1	0.0	289	10	26	-1.4E-07
GJ (Copy 1)	2022-02-18 12:27:46.123	12856		10.225415	0.075672	0.060120	0.000239	608	9	603	4	99.2	0.0	285	9	25	4.9E-07
GJ (Copy 2)	2022-02-18 12:36:02.183	12856		10.197103	0.078274	0.060040	0.000252	603	9	605	4	100.3	0.0	289	9	26	6.7E-07
GJ (Copy 3)	2022-02-18 12:44:18.926	12856		10.294246	0.090772	0.060239	0.000243	610	9	600	5	98.3	0.0	285	9	26	-4.6E-07
GJ (Copy 4)	2022-02-18 12:54:47.465	12856		10.230668	0.085379	0.059974	0.000243	600	9	603	5	100.5	0.0	287	10	26	4.9E-07
GJ (Copy 5)	2022-02-18 13:03:04.462	12856		10.235914	0.083001	0.060441	0.000253	617	9	603	5	97.7	0.0	284	10	26	-7.8E-07
GJ (Copy 6)	2022-02-18 13:14:17.578	12856		10.260926	0.081078	0.060073	0.000234	604	8	601	5	99.5	0.0	285	10	26	2.5E-07
GJ (Copy 7)	2022-02-18 13:25:29.644	12856		10.324212	0.097194	0.060267	0.000222	611	8	599	5	97.9	0.0	290	9	26	-1.4E-06
GJ (Copy 8)	2022-02-18 13:35:56.424	12856		10.282268	0.091670	0.060174	0.000257	607	9	601	5	98.9	0.0	291	9	26	-7.2E-07
GJ (Copy 9)	2022-02-18 13:47:08.529	12856		10.268416	0.083193	0.060178	0.000256	608	9	601	5	98.9	0.0	284	10	25	-7.1E-07
GJ (Copy 10)	2022-02-18 13:57:36.545	12856		10.250232	0.082332	0.059860	0.000233	596	8	602	5	100.9	0.0	286	9	25	-3.3E-07
GJ (Copy 11)	2022-02-18 14:08:04.960	12856		10.278457	0.082471	0.060294	0.000241	612	9	600	5	98.1	0.0	286	9	26	-6.2E-07
GJ (Copy 13)	2022-02-18 14:19:17.729	12856		10.250097	0.074503	0.060222	0.000280	609	10	602	4	98.8	0.0	288	10	26	-3.0E-08
GJ (Copy 12)	2022-02-18 14:29:45.765	12856		10.247158	0.075562	0.060086	0.000239	604	9	602	4	99.6	0.0	290	10	26	-5.9E-07
GJ (Copy 14)	2022-02-18 14:33:27.183	12856		10.162735	0.107534	0.060343	0.000261	613	9	608	6	99.1	0.0	284	9	26	-2.5E-07
GJ (Copy 1)	2022-03-15 15:38:01.816	12874		10.213375	0.035916	0.060196	0.000300	610	10	602	2	98.7	0.0	288	10	26	2.9E-07
GJ (Copy 2)	2022-03-15 15:41:02.796	12874		10.233223	0.032687	0.060149	0.000266	606	10	601	2	99.2	0.0	292	10	26	2.4E-07
GJ (Copy 14)	2022-03-15 15:49:09.012	12874		10.212644	0.031676	0.060155	0.000317	606	11	602	2	99.4	0.0	281	9	26	7.2E-08
GJ (Copy 15)	2022-03-15 15:59:34.712	12874		10.230679	0.034777	0.060218	0.000316	608	11	602	2	98.9	0.0	281	9	26	2.7E-07
GJ	2022-03-15 16:07:40.857	12874		10.219912	0.036029	0.060138	0.000293	607	10	602	2	99.2	0.0	289	9	26	3.4E-07
GJ (Copy 16)	2022-03-15 16:18:05.775	12874		10.224637	0.035269	0.060179	0.000307	607	11	602	2	99.1	0.0	295	10	26	2.0E-08
GJ (Copy 17)	2022-03-15 16:26:12.324	12874		10.215292	0.037337	0.060183	0.000311	608	11	602	2	99.0	0.0	285	10	26	1.7E-07
GJ (Copy 18)	2022-03-15 16:35:53.268	12874		10.224693	0.041167	0.060152	0.000321	608	12	602	2	99.0	0.0	287	10	26	9.3E-08
GJ (Copy 19)	2022-03-15 16:43:59.342	12874		10.225509	0.038623	0.060152	0.000321	606	12	602	2	99.3	0.0	287	10	26	-3.1E-08
GJ (Copy 20)	2022-03-15 16:54:24.616	12874		10.225034	0.047264	0.060298	0.000317	612	12	602	3	98.3	0.0	286	9	26	-4.6E-07
GJ (Copy 21)	2022-03-15 17:02:30.689	12874		10.234313	0.043201	0.059970	0.000332	599	12	601	2	100.4	0.0	288	9	25	1.2E-07
GJ (Copy 22)	2022-03-15 17:12:56.081	12874		10.213286	0.045839	0.060319	0.000325	613	11	603	3	98.3	0.0	281	9	26	-3.7E-07
GJ (Copy 23)	2022-03-15 17:21:02.794	12874		10.236206	0.044335	0.060111	0.000297	606	10	601	2	99.3	0.0	293	10	26	-6.4E-07
GJ (Copy 24)	2022-03-15 17:31:28.702	12874		10.227918	0.042779	0.060208	0.000331	608	12	602	2	99.0	0.0	288	10	26	9.1E-08
GJ (Copy 25)	2022-03-15 17:40:20.142	12874		10.214061	0.045266	0.060119	0.000310	605	11	602	3	99.6	0.0	287	10	26	6.3E-09
GJ (Copy 26)	2022-03-15 17:50:47.748	12874		10.231645	0.045021	0.060261	0.000320	611	11	601	2	98.4	0.0	288	9	26	1.2E-07
GJ (Copy 27)	2022-03-15 17:58:56.423	12874		10.214886	0.047646	0.060085	0.000317	605	11	602	3	99.6	0.0	284	9	26	-3.4E-07
GJ (Copy 28)	2022-03-15 18:09:24.725	12874		10.232558	0.048862	0.060221	0.000293	610	11	602	3	98.7	0.0	290	9	26	-5.1E-08

GJ (Copy 29)	2022-03-15 18:17:33.910	12874	10.234162	0.054498	0.060118	0.000336	604	12	602	3	99.6	0.0	285	9	26	-1.6E-07
GJ (Copy 30)	2022-03-15 18:28:03.069	12874	10.219911	0.050177	0.060212	0.000313	609	11	602	3	98.8	0.0	287	10	26	-1.8E-07
GJ (Copy 31)	2022-03-15 18:36:12.546	12874	10.212999	0.049555	0.060153	0.000301	606	11	602	3	99.3	0.0	286	9	26	1.3E-08
GJ (Copy 32)	2022-03-15 18:46:41.857	12874	10.227180	0.050685	0.060151	0.000307	606	11	601	3	99.2	0.0	293	10	26	2.4E-07
GJ (Copy 33)	2022-03-15 18:54:50.853	12874	10.220582	0.052163	0.060205	0.000324	608	12	603	3	99.1	0.0	283	9	26	-2.0E-07
GJ (Copy 34)	2022-03-15 19:05:18.807	12874	10.224140	0.052968	0.060145	0.000316	606	11	602	3	99.3	0.0	289	10	26	1.9E-07
GJ (Copy 35)	2022-03-15 19:13:27.864	12874	10.226824	0.056325	0.060210	0.000338	608	12	602	3	99.0	0.0	285	10	26	-2.8E-07
GJ (Copy 36)	2022-03-15 19:23:56.981	12874	10.223281	0.061907	0.060118	0.000290	605	10	602	3	99.5	0.0	287	9	26	-4.0E-07
GJ (Copy 37)	2022-03-15 19:26:57.619	12874	10.223536	0.049780	0.060216	0.000324	608	12	602	3	99.0	0.0	288	10	26	3.4E-07
GJ1	2022-09-20 12:30:09.012	13146	10.227691	0.061674	0.059982	0.000385	599	14	602	4	100.4	0.0	288	10	26	-2.11941E-08
GJ1 (Copy 1)	2022-09-20 12:34:12.072	13146	10.221796	0.050430	0.060445	0.000354	617	13	602	3	97.7	0.0	288	9	26	9.95711E-08
GJ1 (Copy 1)	2022-09-20 12:38:36.817	13146	10.229939	0.056361	0.060010	0.000352	601	13	602	3	100.1	0.0	284	9	26	-6.32766E-08
GJ1 (Copy 2)	2022-09-20 12:43:01.169	13146	10.225781	0.057028	0.060058	0.000355	603	13	602	3	99.9	0.0	286	9	26	-5.03974E-09
GJ1 (Copy 3)	2022-09-20 12:47:25.373	13146	10.228525	0.055619	0.060315	0.000334	612	12	602	3	98.3	0.0	290	10	26	-1.78446E-07
GJ1 (Copy 4)	2022-09-20 12:48:05.597	13146	10.227562	0.051047	0.060092	0.000381	604	14	602	3	99.7	0.0	287	10	25	1.74157E-08
GJ1 (Copy 5)	2022-09-20 12:52:29.707	13146	10.232532	0.058741	0.060224	0.000334	610	12	602	3	98.6	0.0	287	9	26	7.23955E-08
GJ1 (Copy 6)	2022-09-20 12:56:51.784	13146	10.219543	0.050524	0.060134	0.000366	605	13	602	3	99.5	0.0	288	10	26	2.63703E-08
GJ1 (Copy 2)	2022-09-20 13:00:54.789	13146	10.226257	0.050811	0.060325	0.000386	612	14	602	3	98.4	0.0	284	9	26	1.59644E-08
GJ1 (Copy 7)	2022-09-20 13:05:52.998	13146	10.227468	0.049974	0.060214	0.000407	609	14	602	3	98.8	0.0	288	9	26	-5.29807E-08
GJ1 (Copy 8)	2022-09-20 13:10:14.466	13146	10.230121	0.050175	0.060100	0.000398	604	14	602	3	99.7	0.0	288	10	26	-8.729E-08
GJ1 (Copy 9)	2022-09-20 13:14:35.679	13146	10.218635	0.051994	0.060080	0.000389	605	14	602	3	99.6	0.0	285	9	26	-7.75345E-08
GJ1 (Copy 10)	2022-09-20 13:19:37.801	13146	10.235917	0.053729	0.060392	0.000369	616	13	601	3	97.6	0.0	291	9	26	4.49888E-08
GJ1 (Copy 3)	2022-09-20 13:23:01.093	13146	10.218353	0.052601	0.060195	0.000380	609	13	602	3	98.9	0.0	284	10	26	2.67118E-07
GJ1 (Copy 11)	2022-09-20 13:27:20.121	13146	10.229763	0.055622	0.060099	0.000350	609	12	602	3	98.8	0.0	289	10	26	-1.01427E-07
GJ1 (Copy 12)	2022-09-20 13:31:38.991	13146	10.231042	0.053192	0.060116	0.000361	606	13	602	3	99.2	0.0	292	10	26	-3.49146E-07
GJ1 (Copy 13)	2022-09-20 13:35:57.351	13146	10.225727	0.047120	0.059773	0.000412	592	15	602	3	101.8	0.0	282	10	25	1.20086E-07
GJ1 (Copy 4)	2022-09-20 13:44:18.669	13146	10.205855	0.044256	0.060007	0.000386	600	14	603	3	100.4	0.0	287	9	26	1.90605E-07
GJ1 (Copy 15)	2022-09-20 13:44:58.787	13146	10.243151	0.046037	0.060561	0.000374	620	13	601	3	96.8	0.0	288	9	26	7.51685E-09
GJ1	2022-09-20 15:28:22.506	13147	10.220058	0.028620	0.060128	0.000286	606	10	602	2	99.3	0.0	287	9	26	1.21308E-07
GJ1 (Copy 1)	2022-09-20 15:32:25.327	13147	10.219879	0.027561	0.060328	0.000326	613	12	602	2	98.2	0.0	287	9	26	1.57785E-07
GJ1 (Copy 1)	2022-09-20 15:36:49.726	13147	10.220148	0.028862	0.060000	0.000301	601	11	602	2	100.1	0.0	287	9	26	2.3893E-07
GJ1 (Copy 2)	2022-09-20 15:41:13.944	13147	10.220366	0.029457	0.060381	0.000304	615	11	602	2	97.9	0.0	287	9	26	-3.06108E-09
GJ1 (Copy 3)	2022-09-20 15:45:37.969	13147	10.219155	0.025577	0.059940	0.000316	599	11	602	1	100.5	0.0	287	10	26	6.66273E-08
GJ1 (Copy 4)	2022-09-20 15:50:01.956	13147	10.222541	0.028314	0.060217	0.000296	609	11	602	2	98.8	0.0	287	10	26	-5.70883E-08
GJ1 (Copy 5)	2022-09-20 15:50:42.105	13147	10.217304	0.024593	0.060169	0.000286	607	10	602	1	99.1	0.0	286	9	26	5.9524E-08
GJ1 (Copy 6)	2022-09-20 15:55:06.213	13147	10.220057	0.027058	0.060258	0.000302	612	11	602	2	98.4	0.0	287	10	26	1.92995E-08
GJ1 (Copy 2)	2022-09-20 15:59:09.398	13147	10.215682	0.032552	0.060187	0.000297	608	11	602	2	99.0	0.0	287	9	26	-1.10476E-07
GJ1 (Copy 8)	2022-09-20 16:03:33.452	13147	10.220926	0.024213	0.059917	0.000296	599	11	602	1	100.4	0.0	288	10	26	9.45508E-08
GJ1 (Copy 7)	2022-09-20 16:04:13.661	13147	10.217734	0.025583	0.060389	0.000314	618	12	602	1	97.5	0.0	286	10	26	1.20222E-07
GJ1 (Copy 9)	2022-09-20 16:08:37.661	13147	10.219245	0.024487	0.060144	0.000313	606	11	602	1	99.3	0.0	287	10	26	2.33265E-07
GJ1 (Copy 10)	2022-09-20 16:13:01.964	13147	10.219226	0.022535	0.060253	0.000308	610	11	602	1	98.6	0.0	287	10	26	1.32431E-08
GJ1 (Copy 3)	2022-09-20 16:17:26.023	13147	10.219095	0.026470	0.060066	0.000319	603	11	602	1	99.8	0.0	287	10	26	-2.17595E-07
GJ1 (Copy 11)	2022-09-20 16:21:29.630	13147	10.219656	0.023778	0.060188	0.000321	608	12	602	1	99.0	0.0	287	9	26	1.75364E-07
GJ1 (Copy 12)	2022-09-20 16:25:53.883	13147	10.216855	0.021764	0.060251	0.000267	610	10	602	1	98.6	0.0	288	10	26	2.64482E-07
GJ1 (Copy 13)	2022-09-20 16:26:34.006	13147	10.212363	0.030891	0.060189	0.000318	609	12	602	2	98.8	0.0	286	9	26	-6.54541E-07
GJ1 (Copy 14)	2022-09-20 16:30:52.795	13147	10.218323	0.023859	0.059995	0.000275	601	10	602	1	100.1	0.0	288	10	26	-8.91421E-07
GJ1 (Copy 15)	2022-09-20 16:31:32.973	13147	10.219392	0.023791	0.060310	0.000311	612	11	602	1	98.3	0.0	286	9	26	2.2261E-07
GJ1 (Copy 1)	2022-09-20 16:35:52.312	13147	10.218682	0.020929	0.060036	0.000317	602	11	602	1	99.9	0.0	287	10	26	2.07528E-06
GJ1 (Copy 2)	2022-09-20 16:40:11.502	13147	10.219408	0.025217	0.060243	0.000315	610	11	602	1	98.7	0.0	287	9	26	1.49532E-07
GJ1 (Copy 4)	2022-09-20 16:44:30.510	13147	10.219180	0.024899	0.060336	0.000309	615	11	602	1	97.9	0.0	287	10	26	2.62512E-08
GJ1 (Copy 3)	2022-09-20 16:48:33.400	13147	10.219090	0.022355	0.060125	0.000348	605	13	602	1	99.5	0.0	287	9	26	1.48098E-07
GJ1 (Copy 4)	2022-09-20 16:52:52.888	13147	10.218316	0.022023	0.060012	0.000303	602	11	602	1	100.1	0.0	287	9	26	-5.59955E-08
GJ1 (Copy 5)	2022-09-20 16:57:12.154	13147	10.221015	0.023821	0.060310	0.000309	612	11	602	1	98.3	0.0	287	10	26	1.69958E-07
GJ1 (Copy 6)	2022-09-20 16:57:52.319	13147	10.218110	0.024872	0.060126	0.000288	606	10	602	1	99.3	0.0	286	9	26	1.76003E-07
GJ1	2022-09-21 11:36:13.312	13149	10.215622	0.037180	0.059936	0.000313	599	11	602	2	100.6	0.0	287	10	26	-2.0373E-07
GJ1 (Copy 1)	2022-09-21 11:40:16.731	13149	10.223709	0.045005	0.060360	0.000325	614	12	602	2	98.0	0.0	286	9	26	3.11526E-07
GJ1 (Copy 8)	2022-09-21 11:44:41.289	13149	10.224641	0.045597	0.060373	0.000293	615	11	602	3	97.9	0.0	288	10	26	5.59329E-08
GJ1 (Copy 1)	2022-09-21 11:49:06.014	13149	10.219360	0.044192	0.059941	0.000333	599	12	602	3	100.5	0.0	288	10	26	-1.21677E-07
GJ1 (Copy 7)	2022-09-21 11:53:30.341	13149	10.217939	0.037492	0.060046	0.000293	603	11	602	2	99.9	0.0	286	9	26	1.1496E-07
GJ1 (Copy 6)	2022-09-21 11:57:55.415	13149	10.222009	0.043877	0.060338	0.000331	613	12	602	2	98.2	0.0	287	10	26	-4.26208E-08
GJ1 (Copy 5)	2022-09-21 12:02:19.618	13149	10.232297	0.040364	0.060146	0.000329	606	12	601	2	99.2	0.0	288	10	26	-8.81464E-09
GJ1 (Copy 2)	2022-09-21 12:06:23.328	13149	10.212916	0.039308	0.060218	0.000327	609	12	603	2	99.0	0.0	285	9	26	8.67963E-08
GJ1 (Copy 4)	2022-09-21 12:10:47.612	13149	10.211331	0.039382	0.060495	0.000334	619	12	602	2	97.4	0.0	288	10	26	-4.70333E-08
GJ1 (Copy 3)	2022-09-21 12:15:11.905	13149	10.236950	0.033162	0.060074	0.000316	604	11	601	2	99.6	0.0	287	9	26	-1.28095E-07

GJ1 (Copy 2)	2022-09-21 12:19:35.999	13149	10.209393	0.032743	0.060119	0.000350	605	13	603	2	99.6	0.0	286	10	26	2.02937E-07
GJ1 (Copy 9)	2022-09-21 12:23:59.072	13149	10.217357	0.030800	0.060165	0.000353	607	13	602	2	99.2	0.0	287	9	26	4.45088E-07
GJ1 (Copy 10)	2022-09-21 12:28:22.262	13149	10.224006	0.033395	0.060034	0.000295	602	11	602	2	99.9	0.0	289	10	26	-3.08108E-07
GJ1 (Copy 3)	2022-09-21 12:32:25.719	13149	10.223154	0.032049	0.060047	0.000330	603	12	602	2	99.9	0.0	285	9	25	8.46633E-08
GJ1 (Copy 11)	2022-09-21 12:36:48.499	13149	10.217566	0.031645	0.060202	0.000318	608	11	602	2	99.0	0.0	289	10	26	-1.3492E-07
GJ1 (Copy 12)	2022-09-21 12:41:11.451	13149	10.217751	0.033550	0.060196	0.000321	608	12	602	2	99.0	0.0	286	9	26	-2.15177E-07
GJ1 (Copy 13)	2022-09-21 12:45:34.970	13149	10.225163	0.028664	0.060192	0.000305	608	11	602	2	99.0	0.0	288	10	26	1.41684E-08
GJ1 (Copy 14)	2022-09-21 12:49:58.796	13149	10.217149	0.035003	0.060213	0.000274	612	10	602	2	98.5	0.0	286	9	26	-5.57607E-08
GJ1 (Copy 15)	2022-09-21 12:54:22.264	13149	10.228522	0.030615	0.060059	0.000322	606	11	601	2	99.3	0.0	289	10	26	-6.3805E-07
GJ1 (Copy 4)	2022-09-21 12:58:26.229	13149	10.203111	0.034695	0.060360	0.000340	614	12	603	2	98.2	0.0	286	9	26	2.57209E-07
GJ1 (Copy 16)	2022-09-21 13:02:49.144	13149	10.220419	0.033492	0.059948	0.000360	599	13	602	2	100.5	0.0	287	9	26	-1.48077E-07
GJ1 (Copy 1)	2022-09-21 13:07:11.976	13149	10.221179	0.027267	0.060290	0.000378	611	13	602	2	98.5	0.0	287	10	26	-5.88216E-08
GJ1 (Copy 1) (Copy 1)	2022-09-21 13:12:11.787	13149	10.222487	0.028495	0.060445	0.000331	617	12	602	2	97.6	0.0	287	10	26	-5.13552E-08
GJ1 (Copy 1) (Copy 2)	2022-09-21 13:15:35.233	13149	10.217974	0.030127	0.059969	0.000302	600	11	602	2	100.3	0.0	287	9	26	-1.78273E-07
GJ1	2022-09-21 14:40:16.614	13150	10.220886	0.050232	0.060169	0.000277	607	10	602	3	99.1	0.0	287	10	26	-2.36606E-08
GJ1 (Copy 1)	2022-09-21 14:44:19.764	13150	10.228536	0.056357	0.060176	0.000298	608	11	602	3	99.1	0.0	287	9	26	7.97514E-08
GJ1 (Copy 1) (Copy 1)	2022-09-21 14:48:02.581	13150	10.226969	0.045997	0.060167	0.000277	609	10	602	3	98.9	0.0	288	10	26	6.94042E-08
GJ1 (Copy 8)	2022-09-21 14:52:27.637	13150	10.222662	0.053746	0.060174	0.000322	607	12	602	3	99.2	0.0	286	9	26	1.21812E-07
GJ1 (Copy 9)	2022-09-21 14:56:53.469	13150	10.234380	0.048260	0.060169	0.000318	607	12	601	3	99.1	0.0	288	10	26	3.46355E-08
GJ1 (Copy 10)	2022-09-21 15:01:21.934	13150	10.201594	0.057880	0.060173	0.000392	607	14	603	3	99.4	0.0	286	9	26	1.07888E-07
GJ1 (Copy 1) (Copy 2)	2022-09-21 15:05:22.542	13150	10.236029	0.049415	0.060171	0.000327	607	12	601	3	99.1	0.0	288	10	26	2.0269E-08
GJ1 (Copy 7)	2022-09-21 15:09:48.471	13150	10.216177	0.049386	0.060170	0.000287	607	10	602	3	99.1	0.0	287	10	26	1.02843E-07
GJ1 (Copy 8)	2022-09-21 15:14:15.084	13150	10.220738	0.048228	0.060174	0.000309	609	11	602	3	98.9	0.0	287	10	26	1.20865E-07
GJ1 (Copy 9)	2022-09-21 15:18:01.874	13150	10.230033	0.052000	0.060169	0.000294	607	11	602	3	99.1	0.0	287	9	26	1.27554E-07
GJ1 (Copy 10)	2022-09-21 15:22:28.219	13150	10.206948	0.054610	0.060170	0.000300	607	11	603	3	99.3	0.0	287	9	26	1.66089E-07
GJ1 (Copy 6)	2022-09-21 15:23:08.346	13150	10.239173	0.050780	0.060175	0.000301	607	11	601	3	99.0	0.0	288	10	26	7.65881E-08
GJ1 (Copy 2)	2022-09-21 15:27:11.745	13150	10.219315	0.049546	0.060170	0.000317	607	11	602	3	99.2	0.0	286	9	26	2.1654E-07
GJ1 (Copy 1)	2022-09-21 15:31:38.202	13150	10.229094	0.051425	0.060169	0.000271	608	10	602	3	99.1	0.0	288	10	26	3.16183E-07
GJ1 (Copy 2)	2022-09-21 15:36:04.603	13150	10.217882	0.045479	0.060177	0.000308	607	11	602	2	99.1	0.0	287	9	26	2.78455E-07
GJ1 (Copy 3)	2022-09-21 15:40:29.551	13150	10.216370	0.053298	0.060141	0.000295	606	11	602	3	99.3	0.0	287	10	26	1.80681E-07
GJ1 (Copy 10)	2022-09-21 15:41:09.672	13150	10.231144	0.047883	0.060202	0.000305	608	11	602	3	98.9	0.0	287	10	26	-1.1754E-07
GJ1 (Copy 10)	2022-09-21 15:45:34.644	13150	10.221819	0.054308	0.060168	0.000285	607	10	602	3	99.1	0.0	287	9	26	1.53459E-07
GJ1 (Copy 9)	2022-09-21 15:49:59.224	13150	10.224128	0.046906	0.060172	0.000289	607	10	602	3	99.1	0.0	287	10	26	-1.13034E-06
GJ1 (Copy 3)	2022-09-21 15:54:02.142	13150	10.228042	0.051242	0.060170	0.000318	607	11	602	3	99.1	0.0	287	9	26	-4.34378E-08
GJ1 (Copy 1)	2022-09-21 15:58:27.157	13150	10.213584	0.045576	0.060173	0.000299	607	11	602	3	99.1	0.0	287	10	26	9.32852E-07
GJ1 (Copy 1)	2022-09-21 16:02:52.607	13150	10.225586	0.045455	0.060169	0.000293	609	11	602	3	98.9	0.0	287	9	26	2.13843E-07
GJ1 (Copy 5)	2022-09-21 16:07:18.301	13150	10.221739	0.036897	0.060172	0.000307	607	11	602	2	99.1	0.0	287	10	26	-7.95353E-08
GJ1 (Copy 3)	2022-09-21 16:16:07.693	13150	10.227117	0.047643	0.060171	0.000293	607	10	602	3	99.1	0.0	287	9	26	8.13179E-08
GJ1 (Copy 6)	2022-09-21 16:20:28.646	13150	10.222315	0.044295	0.060172	0.000299	607	11	602	2	99.1	0.0	287	10	26	8.6145E-08
GJ1 (Copy 4)	2022-09-21 16:24:31.643	13150	10.227705	0.045214	0.060170	0.000310	609	11	602	3	98.9	0.0	287	9	26	1.56738E-07
GJ1 (Copy 6)	2022-09-21 16:28:52.344	13150	10.221552	0.043025	0.060171	0.000322	607	12	602	2	99.2	0.0	287	10	26	2.65854E-09
GJ1 (Copy 5)	2022-09-21 16:33:13.538	13150	10.224777	0.040770	0.060172	0.000327	607	12	602	2	99.1	0.0	287	9	26	3.69372E-08
GJ1 (Copy 3)	2022-09-21 16:41:56.241	13150	10.216864	0.038854	0.060167	0.000281	609	10	602	2	98.9	0.0	287	10	26	-2.30691E-07
GJ1 (Copy 1)	2022-09-21 16:46:17.206	13150	10.232575	0.041707	0.060233	0.000313	609	11	601	2	98.7	0.0	289	10	26	-7.77273E-08
GJ1 (Copy 1)	2022-09-21 16:46:57.433	13150	10.215181	0.046838	0.060090	0.000326	606	12	603	3	99.5	0.0	284	9	26	-1.98124E-07
GJ1 (Copy 1) (Copy 1)	2022-09-21 16:51:00.432	13150	10.221824	0.039598	0.060215	0.000280	609	10	602	2	98.8	0.0	287	9	26	-1.77097E-07
GJ1 (Copy 2)	2022-09-21 16:55:21.185	13150	10.227232	0.042845	0.060098	0.000313	607	11	602	2	99.1	0.0	287	10	26	1.89299E-07
GJ1	2022-09-21 16:58:23.337	13150	10.220296	0.049363	0.060271	0.000440	611	16	602	3	98.6	0.0	287	9	26	2.7459E-07
GJ1	2022-10-07 13:49:43.912	13223	10.220681	0.022233	0.060125	0.000314	605	11	602	1	99.4	0.0	290	9	26	3.58261E-07
GJ1 (Copy 1)	2022-10-07 13:53:49.835	13223	10.214438	0.026694	0.060122	0.000312	607	11	602	2	99.3	0.0	280	9	25	5.36449E-07
GJ1 (Copy 10)	2022-10-07 14:00:41.532	13223	10.219905	0.025664	0.060285	0.000355	612	12	602	1	98.3	0.0	289	10	26	-1.7238E-07
GJ1 (Copy 2)	2022-10-07 14:08:52.950	13223	10.215811	0.021424	0.060196	0.000304	608	11	602	1	99.0	0.0	289	10	26	-9.79997E-07
GJ1 (Copy 3)	2022-10-07 14:12:58.445	13223	10.221909	0.022389	0.060280	0.000288	611	10	602	1	98.4	0.0	289	9	26	6.32182E-07
GJ1 (Copy 10) (Copy 2)	2022-10-07 14:20:30.572	13223	10.217104	0.021985	0.060081	0.000293	604	11	602	1	99.7	0.0	287	10	26	-1.16623E-07
GJ1 (Copy 4)	2022-10-07 14:28:01.949	13223	10.221860	0.027308	0.060234	0.000286	610	10	602	2	98.7	0.0	287	9	26	-2.49371E-07
GJ1 (Copy 5)	2022-10-07 14:32:07.975	13223	10.218421	0.023555	0.059964	0.000298	601	11	602	1	100.1	0.0	285	10	25	-4.38101E-08
GJ1 (Copy 10) (Copy 3)	2022-10-07 14:39:39.345	13223	10.219028	0.023359	0.060200	0.000310	608	11	602	1	99.0	0.0	285	9	26	-1.88992E-07
GJ1 (Copy 10) (Copy 1)	2022-10-07 14:47:10.560	13223	10.219009	0.023925	0.060315	0.000309	614	11	602	1	98.1	0.0	288	10	26	-1.88548E-07
GJ1 (Copy 10) (Copy 4)	2022-10-07 14:51:15.939	13223	10.216859	0.029916	0.060117	0.000276	606	10	602	2	99.4	0.0	288	9	26	2.01629E-09
GJ1	2022-10-07 15:35:15.506	13224	10.207294	0.040419	0.060274	0.000298	611	11	602	2	98.6	0.0	286	9	26	-1.06068E-07
GJ1 (Copy 1)	2022-10-07 15:39:20.901	13224	10.234063	0.047338	0.060089	0.000277	606	10	601	3	99.2	0.0	288	9	26	-2.12432E-07
GJ1 (Copy 10)	2022-10-07 15:46:51.770	13224	10.216072	0.040553	0.060044	0.000312	603	11	602	2	99.9	0.0	285	9	25	-2.76033E-07
GJ1 (Copy 10) (Copy 1)	2022-10-07 16:32:37.181	13224	10.218729	0.030816	0.060092	0.000292	606	11	602	2	99.4	0.0	288	10	26	-5.42348E-07
GJ1 (Copy 10) (Copy 2)	2022-10-07 16:05:58.760	13224	10.218730	0.041247	0.060070	0.000325	603	12	602	2	99.8	0.0	284	9	26	-4.52571E-07

GJ1 (Copy 10) (Copy 3)	2022-10-07 16:25:05.869	13224	10.223000	0.035131	0.060289	0.000308	613	11	602	2	98.2	0.0	283	9	25	-7.31261E-08
GJ1 (Copy 10) (Copy 4)	2022-10-07 16:36:42.571	13224	10.224182	0.038177	0.060158	0.000267	607	10	602	2	99.1	0.0	286	9	26	-4.81403E-07
GJ1 (Copy 2)	2022-10-07 15:54:22.651	13224	10.207400	0.043886	0.060284	0.000310	611	11	603	2	98.6	0.0	290	10	26	1.31647E-06
GJ1 (Copy 3)	2022-10-07 15:58:27.822	13224	10.236957	0.042123	0.060256	0.000343	610	12	601	2	98.6	0.0	286	10	26	3.80777E-07
GJ1 (Copy 4)	2022-10-07 16:13:29.571	13224	10.219503	0.040576	0.060053	0.000283	603	10	602	2	99.8	0.0	289	10	26	-7.33091E-07
GJ1 (Copy 5)	2022-10-07 16:17:35.083	13224	10.222373	0.038578	0.060296	0.000277	612	10	602	2	98.4	0.0	292	10	26	6.61832E-07
GJ1	2022-10-10 13:06:37.706	13227	10.217969	0.052838	0.060236	0.000276	610	10	602	3	98.8	0.0	288	10	26	2.35993E-07
GJ1 (Copy 1)	2022-10-10 13:10:44.975	13227	10.245502	0.054533	0.060153	0.000296	607	11	601	3	99.1	0.0	285	9	26	-4.68926E-07
GJ1 (Copy 1)	2022-10-10 14:03:00.126	13227	10.220503	0.056279	0.060198	0.000289	608	10	602	3	99.0	0.0	284	9	25	-2.62877E-07
GJ1 (Copy 10)	2022-10-10 14:07:54.156	13227	10.225492	0.051895	0.060337	0.000295	613	11	602	3	98.2	0.0	290	10	26	-6.40677E-07
GJ1 (Copy 2)	2022-10-10 13:29:31.784	13227	10.280720	0.056306	0.060237	0.000277	610	10	599	3	98.2	0.0	285	9	25	-3.6798E-07
GJ1 (Copy 2)	2022-10-10 13:58:06.892	13227	10.250039	0.050782	0.060134	0.000297	606	11	601	3	99.1	0.0	290	9	26	-8.22448E-07
GJ1 (Copy 3)	2022-10-10 13:48:19.150	13227	10.190825	0.055420	0.060101	0.000263	606	10	604	3	99.6	0.0	284	9	25	2.65124E-07
GJ1 (Copy 3)	2022-10-10 13:53:12.897	13227	10.242923	0.046946	0.060067	0.000289	604	10	601	3	99.6	0.0	288	10	26	-6.70506E-07
GJ1 (Copy 4)	2022-10-10 13:44:12.191	13227	10.210612	0.053637	0.060125	0.000300	606	11	603	3	99.5	0.0	289	10	26	-7.25703E-07
GJ1 (Copy 5)	2022-10-10 13:34:25.248	13227	10.224159	0.048389	0.060139	0.000290	606	10	602	3	99.3	0.0	289	10	26	-9.51591E-07
GJ1 (Copy 5)	2022-10-10 14:12:01.218	13227	10.217474	0.055670	0.060109	0.000256	607	10	602	3	99.3	0.0	287	10	26	-9.26361E-07
GJ1 (Copy 6)	2022-10-10 13:20:31.538	13227	10.237873	0.052072	0.059949	0.000320	601	11	601	3	100.1	0.0	286	9	25	-3.53657E-07
GJ1 (Copy 7)	2022-10-10 13:25:24.695	13227	10.184997	0.054216	0.060296	0.000259	612	9	604	3	98.7	0.0	288	10	26	-1.0144E-06
GJ1 (Copy 8)	2022-10-10 13:15:38.334	13227	10.215438	0.052068	0.060109	0.000276	605	10	603	3	99.6	0.0	289	10	26	-6.31462E-07
GJ1 (Copy 9)	2022-10-10 13:39:18.834	13227	10.212809	0.050948	0.060304	0.000266	612	10	603	3	98.4	0.0	285	10	26	-9.39709E-07
GJ1	2022-10-10 15:25:25.608	13229	10.225774	0.052307	0.060169	0.000274	607	10	602	3	99.0	0.0	287	9	26	3.45163E-07
GJ1 (Copy 1)	2022-10-10 15:29:32.605	13229	10.221726	0.061791	0.060224	0.000280	609	10	602	4	98.8	0.0	286	10	26	2.61546E-07
GJ1 (Copy 1)	2022-10-10 16:21:44.990	13229	10.255579	0.054493	0.060090	0.000258	605	9	600	3	99.2	0.0	288	10	26	3.30256E-07
GJ1 (Copy 10)	2022-10-10 16:26:38.002	13229	10.220776	0.051263	0.060192	0.000258	610	9	602	3	98.8	0.0	286	10	26	1.70421E-07
GJ1 (Copy 2)	2022-10-10 15:48:19.131	13229	10.216436	0.047020	0.060285	0.000266	612	9	602	3	98.5	0.0	285	9	25	5.99384E-07
GJ1 (Copy 2)	2022-10-10 16:16:51.600	13229	10.221912	0.047128	0.060120	0.000257	607	9	602	3	99.2	0.0	289	10	26	-1.99035E-07
GJ1 (Copy 3)	2022-10-10 16:07:05.200	13229	10.177346	0.044567	0.060242	0.000260	610	9	605	3	99.1	0.0	278	9	25	3.48028E-07
GJ1 (Copy 3)	2022-10-10 16:11:58.311	13229	10.230990	0.053790	0.060135	0.000268	606	10	601	3	99.2	0.0	288	10	26	-1.20869E-07
GJ1 (Copy 4)	2022-10-10 16:02:58.391	13229	10.254829	0.044616	0.060355	0.000280	614	10	600	3	97.7	0.0	292	9	26	7.24521E-08
GJ1 (Copy 5)	2022-10-10 15:53:11.735	13229	10.236298	0.053367	0.060037	0.000275	603	10	601	3	99.8	0.0	288	10	26	2.40923E-07
GJ1 (Copy 5)	2022-10-10 16:30:44.716	13229	10.217114	0.042106	0.060210	0.000235	610	9	602	2	98.7	0.0	287	9	26	1.48474E-07
GJ1 (Copy 6)	2022-10-10 15:39:19.088	13229	10.228507	0.053051	0.060122	0.000287	607	10	602	3	99.1	0.0	287	10	26	5.69253E-07
GJ1 (Copy 7)	2022-10-10 15:44:12.170	13229	10.222568	0.049047	0.060198	0.000265	609	10	602	3	98.9	0.0	288	10	26	-7.67746E-08
GJ1 (Copy 8)	2022-10-10 15:34:26.114	13229	10.210787	0.053101	0.060123	0.000254	606	9	603	3	99.4	0.0	288	10	26	-6.92957E-07
GJ1 (Copy 9)	2022-10-10 15:58:04.781	13229	10.216165	0.051660	0.060088	0.000239	606	8	602	3	99.4	0.0	287	10	26	2.44278E-07
GJ1	2022-10-12 11:48:53.404	13234	10.226396	0.053592	0.060162	0.000252	607	9	602	3	99.1	0.0	288	10	26	-2.09091E-07
GJ1 (Copy 1)	2022-10-12 11:53:00.626	13234	10.230581	0.052440	0.060251	0.000275	610	10	602	3	98.6	0.0	286	9	26	1.52016E-07
GJ1 (Copy 2)	2022-10-12 12:11:29.755	13234	10.224662	0.054399	0.060202	0.000247	609	9	602	3	98.8	0.0	285	9	26	-9.84118E-08
GJ1 (Copy 4)	2022-10-12 12:53:13.934	13234	10.219917	0.047486	0.060311	0.000279	613	10	602	3	98.3	0.0	287	10	26	-2.11465E-07
GJ1 (Copy 4) (Copy 1)	2022-10-12 12:34:45.226	13234	10.208548	0.057601	0.060168	0.000245	608	9	603	3	99.3	0.0	285	9	25	1.72809E-07
GJ1 (Copy 5)	2022-10-12 11:57:48.159	13234	10.230849	0.061603	0.060154	0.000245	607	9	602	3	99.1	0.0	288	10	26	-3.13384E-08
GJ1 (Copy 5) (Copy 1)	2022-10-12 12:21:04.075	13234	10.231661	0.053115	0.060123	0.000247	606	9	602	3	99.3	0.0	287	9	26	1.5066E-08
GJ1 (Copy 5) (Copy 10)	2022-10-12 12:07:22.881	13234	10.231694	0.057276	0.060283	0.000266	612	9	602	3	98.4	0.0	289	10	26	-2.66487E-07
GJ1 (Copy 5) (Copy 2)	2022-10-12 12:49:07.670	13234	10.226092	0.044996	0.060096	0.000243	605	9	602	3	99.5	0.0	287	10	26	-3.94837E-07
GJ1 (Copy 5) (Copy 3)	2022-10-12 12:44:20.147	13234	10.215088	0.053269	0.060148	0.000245	607	9	603	3	99.3	0.0	286	10	26	2.11239E-07
GJ1 (Copy 5) (Copy 4)	2022-10-12 12:39:32.988	13234	10.247733	0.053017	0.060119	0.000250	606	9	601	3	99.2	0.0	290	10	26	-4.42505E-08
GJ1 (Copy 5) (Copy 5)	2022-10-12 12:30:38.443	13234	10.231017	0.051080	0.060242	0.000257	610	9	601	3	98.5	0.0	289	10	26	1.13613E-07
GJ1 (Copy 5) (Copy 6)	2022-10-12 12:25:51.131	13234	10.214747	0.046189	0.060101	0.000267	605	10	602	3	99.5	0.0	287	10	26	9.72188E-08
GJ1 (Copy 5) (Copy 7)	2022-10-12 12:02:35.401	13234	10.224407	0.052550	0.060012	0.000245	602	9	602	3	100.0	0.0	286	10	26	-2.4699E-07
GJ1 (Copy 5) (Copy 9)	2022-10-12 12:16:17.177	13234	10.221606	0.045409	0.060242	0.000229	610	8	602	3	98.6	0.0	288	10	26	-3.53707E-07
GJ1	2022-10-12 13:16:18.813	13235	10.230244	0.056108	0.060148	0.000236	607	9	602	3	99.1	0.0	287	10	26	-9.15891E-08
GJ1 (Copy 1)	2022-10-12 13:30:00.513	13235	10.216746	0.051925	0.060271	0.000252	611	9	602	3	98.5	0.0	286	10	26	-8.47745E-08
GJ1 (Copy 1)	2022-10-12 13:58:03.507	13235	10.227070	0.048250	0.060324	0.000241	613	9	602	3	98.1	0.0	288	10	26	-9.23844E-08
GJ1 (Copy 1)	2022-10-12 14:02:10.680	13235	10.220962	0.051786	0.060067	0.000245	606	9	602	3	99.3	0.0	286	9	26	4.85039E-07
GJ1 (Copy 10)	2022-10-12 14:16:31.918	13235	10.218446	0.050331	0.060156	0.000232	607	8	602	3	99.0	0.0	287	10	26	-2.51181E-07
GJ1 (Copy 2)	2022-10-12 13:20:26.364	13235	10.224796	0.054739	0.060213	0.000264	610	10	602	3	98.6	0.0	287	9	26	-5.52048E-07
GJ1 (Copy 2)	2022-10-12 13:34:47.974	13235	10.245324	0.057025	0.060043	0.000240	603	9	601	3	99.6	0.0	288	10	26	3.35076E-07
GJ1 (Copy 3)	2022-10-12 13:25:13.520	13235	10.234725	0.056803	0.060321	0.000249	613	9	602	3	98.1	0.0	287	10	26	2.66644E-07
GJ1 (Copy 4)	2022-10-12 13:38:55.062	13235	10.207471	0.052648	0.060207	0.000246	610	9	603	3	98.8	0.0	285	9	26	-2.18083E-07
GJ1 (Copy 4)	2022-10-12 14:11:45.247	13235	10.213309	0.055746	0.060287	0.000282	612	10	602	3	98.4	0.0	287	10	26	-2.2605E-07
GJ1 (Copy 5)	2022-10-12 14:06:58.198	13235	10.229051	0.047105	0.060170	0.000276	608	10	602	3	99.0	0.0	288	10	26	-3.96991E-06
GJ1 (Copy 5)	2022-10-12 14:20:39.038	13235	10.217391	0.047055	0.060222	0.000268	609	10	602	3	98.8	0.0	287	9	26	-3.8857E-07
GJ1 (Copy 6)	2022-10-12 13:53:16.480	13235	10.228735	0.053684	0.060083	0.000283	604	10	602	3	99.6	0.0	287	10	26	2.39598E-07

GJ1 (Copy 7)	2022-10-12 13:48:29.686	13235	10.222201	0.047811	0.060152	0.000282	607	10	602	3	99.2	0.0	286	9	26	1.73794E-07
GJ1 (Copy 8)	2022-10-12 13:43:42.346	13235	10.230809	0.046860	0.059966	0.000225	601	8	602	3	100.2	0.0	288	10	26	1.94751E-07
GJ1	2022-10-12 15:17:35.615	13236	10.234214	0.052725	0.060102	0.000232	607	8	601	3	99.1	0.0	287	9	26	8.27621E-08
GJ1 (Copy 1)	2022-10-12 15:59:21.303	13236	10.195305	0.052278	0.060199	0.000292	609	11	604	3	99.1	0.0	287	10	26	-2.33139E-07
GJ1 (Copy 10)	2022-10-12 16:17:48.611	13236	10.220831	0.042525	0.060051	0.000298	605	10	602	2	99.5	0.0	292	10	26	1.28616E-08
GJ1 (Copy 2)	2022-10-12 15:21:42.610	13236	10.220947	0.051917	0.060186	0.000238	609	9	602	3	99.0	0.0	286	10	26	2.88706E-07
GJ1 (Copy 2)	2022-10-12 15:36:03.814	13236	10.222769	0.042568	0.060258	0.000261	611	9	602	2	98.5	0.0	291	9	26	-1.42676E-07
GJ1 (Copy 3)	2022-10-12 15:26:29.725	13236	10.216104	0.047939	0.060325	0.000247	613	9	602	3	98.2	0.0	289	10	26	3.73585E-07
GJ1 (Copy 4)	2022-10-12 15:40:13.950	13236	10.209460	0.053164	0.060069	0.000332	604	12	603	3	99.8	0.0	282	9	25	1.27874E-07
GJ1 (Copy 4)	2022-10-12 16:13:00.099	13236	10.221675	0.040893	0.060332	0.000246	614	9	602	2	98.1	0.0	283	10	25	4.6189E-07
GJ1 (Copy 5)	2022-10-12 16:08:11.999	13236	10.243775	0.045092	0.060159	0.000211	608	8	601	3	98.9	0.0	290	10	26	3.50459E-07
GJ1 (Copy 5)	2022-10-12 16:21:53.919	13236	10.221330	0.040634	0.060182	0.000220	608	8	602	2	99.0	0.0	283	9	26	-3.81002E-07
GJ1 (Copy 6)	2022-10-12 15:54:32.176	13236	10.218545	0.049311	0.060195	0.000267	609	10	602	3	99.0	0.0	288	10	26	-2.57364E-07
GJ1 (Copy 7)	2022-10-12 15:49:44.742	13236	10.221257	0.044439	0.059942	0.000268	599	10	602	3	100.4	0.0	286	9	26	-1.76103E-08
GJ1 (Copy 8)	2022-10-12 15:44:57.857	13236	10.255393	0.049308	0.060132	0.000260	606	9	600	3	99.0	0.0	289	9	26	3.3888E-07
GJ1-1 (Copy 1)	2022-10-24 13:37:14.654	13253	10.240422	0.042550	0.060017	0.000279	602	10	601	2	99.8	0.0	282	9	25	5.10452E-07
GJ1-1 (Copy 1)	2022-10-24 13:46:17.743	13253	10.221083	0.037461	0.060126	0.000294	606	11	602	2	99.4	0.0	282	10	26	7.68947E-07
GJ1-1 (Copy 2)	2022-10-24 13:13:02.300	13253	10.236974	0.044126	0.059835	0.000300	595	11	601	3	101.0	0.0	286	10	26	-2.32752E-07
GJ1-1 (Copy 2)	2022-10-24 13:42:09.090	13253	10.147794	0.039928	0.060204	0.000348	610	12	606	2	99.3	0.0	269	9	25	-9.06492E-09
GJ1-1 (Copy 3)	2022-10-24 12:54:21.623	13253	10.267282	0.044121	0.060248	0.000263	612	9	600	2	98.0	0.0	295	10	27	5.14607E-07
GJ1-1 (Copy 3)	2022-10-24 13:28:16.641	13253	10.232201	0.042224	0.060158	0.000317	608	11	601	2	98.9	0.0	283	10	25	5.70703E-07
GJ1-1 (Copy 4)	2022-10-24 13:23:25.058	13253	10.184030	0.045144	0.060400	0.000289	616	10	604	3	98.2	0.0	285	9	26	4.14502E-07
GJ1-1 (Copy 5)	2022-10-24 13:17:53.548	13253	10.191302	0.047738	0.060235	0.000303	610	11	604	3	99.1	0.0	275	9	25	5.16268E-08
GJ1-1 (Copy 6) (Copy 1)	2022-10-24 13:04:03.733	13253	10.262962	0.042754	0.060020	0.000258	602	9	600	2	99.6	0.0	293	9	26	4.16828E-07
GJ1-1 (Copy 6) (Copy 2)	2022-10-24 12:59:12.345	13253	10.246571	0.046282	0.060409	0.000298	616	11	601	3	97.5	0.0	290	10	26	-3.47411E-07
GJ1-3	2022-10-24 13:33:08.774	13253	10.259681	0.043028	0.060161	0.000291	607	11	600	2	98.8	0.0	281	10	25	-7.757E-07
GJ1-5	2022-10-24 13:55:15.552	13253	10.230741	0.044044	0.060154	0.000324	606	12	602	2	99.2	0.0	280	9	25	8.35612E-08
GJ1-1	2022-10-24 14:46:20.608	13254	10.218296	0.043016	0.060034	0.000290	602	10	602	2	99.9	0.0	287	10	26	-3.97881E-07
GJ1-1 (Copy 1)	2022-10-24 14:55:18.104	13254	10.219700	0.037403	0.060147	0.000295	606	11	602	2	99.3	0.0	290	10	26	5.62119E-07
GJ1-1 (Copy 1)	2022-10-24 15:09:06.249	13254	10.217695	0.037301	0.060200	0.000294	608	11	602	2	98.9	0.0	287	10	26	1.35877E-07
GJ1-1 (Copy 2)	2022-10-24 15:00:08.852	13254	10.224193	0.039605	0.060273	0.000290	611	10	602	2	98.5	0.0	285	9	25	3.70892E-07
GJ1-1 (Copy 2)	2022-10-24 15:33:16.977	13254	10.217756	0.033639	0.060318	0.000314	614	11	602	2	98.1	0.0	281	9	26	2.25705E-07
GJ1-1 (Copy 3)	2022-10-24 14:50:26.996	13254	10.219994	0.040059	0.060139	0.000295	606	11	602	2	99.3	0.0	286	10	26	-8.03211E-09
GJ1-1 (Copy 3)	2022-10-24 15:14:37.322	13254	10.218807	0.036773	0.060203	0.000291	609	11	602	2	98.9	0.0	289	9	26	5.91482E-07
GJ1-1 (Copy 4)	2022-10-24 15:19:27.977	13254	10.224910	0.040747	0.060298	0.000315	612	11	602	2	98.3	0.0	291	9	26	-9.00323E-08
GJ1-1 (Copy 5)	2022-10-24 15:24:19.306	13254	10.216015	0.036622	0.060137	0.000313	606	11	602	2	99.4	0.0	281	9	25	-3.32818E-07
GJ1-1 (Copy 6) (Copy 1)	2022-10-24 15:38:09.191	13254	10.223417	0.036953	0.060049	0.000295	603	11	602	2	99.8	0.0	291	10	26	4.05964E-07
GJ1-1 (Copy 6) (Copy 2)	2022-10-24 15:43:00.368	13254	10.213557	0.039641	0.059971	0.000291	600	10	602	2	100.3	0.0	289	9	26	-1.4994E-08
GJ1-2	2022-10-24 15:29:10.740	13254	10.223007	0.036152	0.060189	0.000310	608	11	602	2	99.0	0.0	288	10	26	-3.69696E-07
GJ1-3	2022-10-24 15:04:59.852	13254	10.219633	0.041807	0.060241	0.000317	610	11	602	2	98.7	0.0	287	9	26	-3.89349E-07
GJ1-4	2022-10-24 15:48:31.276	13254	10.221512	0.036919	0.060135	0.000318	607	12	602	2	99.1	0.0	286	10	26	-7.45143E-07
GJ1-5	2022-10-24 15:52:37.894	13254	10.222144	0.035842	0.060263	0.000281	611	10	602	2	98.5	0.0	288	10	26	-6.9752E-07
GJ1-1	2022-10-25 12:03:05.199	13260	10.245275	0.053529	0.060231	0.000282	610	10	601	3	98.5	0.0	293	9	26	4.60024E-08
GJ1-1 (Copy 1)	2022-10-25 12:11:57.756	13260	10.226606	0.049358	0.060064	0.000290	604	10	602	3	99.6	0.0	287	10	26	-3.69289E-07
GJ1-1 (Copy 10)	2022-10-25 12:44:42.717	13260	10.222284	0.035463	0.060278	0.000291	611	10	602	2	98.4	0.0	290	10	26	6.64458E-08
GJ1-1 (Copy 2)	2022-10-25 11:44:38.405	13260	10.222335	0.041388	0.060134	0.000290	606	10	602	2	99.3	0.0	287	10	26	4.19773E-08
GJ1-1 (Copy 3)	2022-10-25 11:53:31.606	13260	10.227580	0.045489	0.060155	0.000270	607	10	602	3	99.1	0.0	286	10	26	2.34202E-07
GJ1-1 (Copy 4)	2022-10-25 11:58:18.958	13260	10.217350	0.041496	0.060117	0.000283	606	10	602	2	99.5	0.0	284	9	26	6.67912E-07
GJ1-1 (Copy 5)	2022-10-25 11:48:44.390	13260	10.224680	0.046892	0.060276	0.000330	611	12	602	3	98.5	0.0	288	9	26	-1.44469E-07
GJ1-1 (Copy 6)	2022-10-25 12:39:55.408	13260	10.223264	0.034569	0.060128	0.000304	606	11	602	2	99.4	0.0	286	9	25	4.90561E-07
GJ1-1 (Copy 7)	2022-10-25 12:35:09.596	13260	10.210851	0.040468	0.060192	0.000255	608	9	603	2	99.0	0.0	286	9	26	6.94399E-07
GJ1-1 (Copy 8)	2022-10-25 12:21:31.317	13260	10.217398	0.048131	0.060204	0.000259	609	9	602	3	98.9	0.0	285	10	26	-1.22746E-07
GJ1-1 (Copy 9)	2022-10-25 12:16:44.462	13260	10.226477	0.041079	0.060277	0.000269	611	10	602	2	98.4	0.0	287	9	26	3.07669E-08
GJ1-2	2022-10-25 12:48:48.533	13260	10.216190	0.042199	0.060088	0.000306	604	11	602	2	99.6	0.0	285	9	25	-2.07404E-07
GJ1-3	2022-10-25 12:07:11.139	13260	10.201656	0.049623	0.060128	0.000319	606	11	603	3	99.6	0.0	283	9	25	-8.47294E-08
GJ1-4	2022-10-25 12:26:17.222	13260	10.206607	0.045994	0.060108	0.000265	605	10	603	3	99.5	0.0	291	10	26	2.07628E-07
GJ1-5	2022-10-25 12:30:24.156	13260	10.241633	0.042440	0.060172	0.000301	608	11	601	2	98.9	0.0	285	10	26	2.37082E-07
GJ1-1	2022-10-25 13:51:36.452	13261	10.248520	0.033967	0.060060	0.000297	603	11	600	2	99.4	0.0	291	10	26	-3.30632E-07
GJ1-1 (Copy 1)	2022-10-25 14:00:29.981	13261	10.228306	0.026223	0.060191	0.000263	608	9	601	1	98.9	0.0	287	9	26	2.02522E-07
GJ1-1 (Copy 10)	2022-10-25 14:33:20.085	13261	10.208083	0.026750	0.060272	0.000279	611	10	603	2	98.6	0.0	290	10	26	-8.4238E-08
GJ1-1 (Copy 2)	2022-10-25 13:33:11.383	13261	10.219525	0.039045	0.060221	0.000278	610	10	602	2	98.8	0.0	287	9	26	1.51253E-07
GJ1-1 (Copy 3)	2022-10-25 13:42:03.297	13261	10.219850	0.034526	0.060048	0.000291	604	11	602	2	99.6	0.0	290	10	26	1.41162E-07
GJ1-1 (Copy 4)	2022-10-25 13:46:49.878	13261	10.221095	0.031110	0.060148	0.000303	606	11	602	2	99.3	0.0	282	9	25	-4.83023E-07
GJ1-1 (Copy 5)	2022-10-25 13:37:16.256	13261	10.207253	0.035624	0.060229	0.000262	611	9	603	2	98.6	0.0	287	10	26	5.42463E-08

GJ1-1 (Copy 6)	2022-10-25 14:23:44.679	13261	10.224651	0.026764	0.060147	0.000287	607	10	601	2	99.2	0.0	285	9	26	-5.95695E-07
GJ1-1 (Copy 7)	2022-10-25 14:28:32.775	13261	10.213989	0.033044	0.060355	0.000271	614	10	602	2	98.1	0.0	286	9	26	-4.06754E-08
GJ1-1 (Copy 8)	2022-10-25 14:10:04.333	13261	10.229591	0.031531	0.059955	0.000288	601	10	601	2	100.1	0.0	286	9	26	4.28149E-07
GJ1-1 (Copy 9)	2022-10-25 14:05:19.243	13261	10.221399	0.028407	0.060159	0.000323	607	12	602	2	99.2	0.0	285	9	25	4.08601E-07
GJ1-2	2022-10-25 14:37:26.491	13261	10.219582	0.030464	0.059914	0.000339	598	12	602	2	100.7	0.0	286	10	26	-1.02639E-06
GJ1-3	2022-10-25 13:55:44.747	13261	10.139074	0.039748	0.060468	0.000368	618	13	606	2	98.1	0.0	286	9	25	-3.66298E-07
GJ1-4	2022-10-25 14:14:51.333	13261	10.246694	0.030881	0.060149	0.000304	607	11	600	2	99.0	0.0	291	10	26	-3.71156E-07
GJ1-5	2022-10-25 14:18:57.390	13261	10.207875	0.026504	0.060230	0.000302	610	11	603	2	98.9	0.0	286	9	26	-3.81131E-07
GJ1-1	2022-10-25 16:06:33.592	13262	10.215556	0.044064	0.060151	0.000297	607	11	602	3	99.2	0.0	287	10	26	9.40093E-08
GJ1-1 (Copy 1)	2022-10-25 16:15:29.008	13262	10.205065	0.040871	0.059897	0.000263	598	9	603	2	100.8	0.0	284	10	26	5.17097E-07
GJ1-1 (Copy 10)	2022-10-25 16:48:27.860	13262	10.225570	0.045472	0.060261	0.000287	611	10	602	3	98.5	0.0	291	10	26	3.30537E-07
GJ1-1 (Copy 2)	2022-10-25 15:48:00.682	13262	10.219092	0.045422	0.060272	0.000320	611	12	602	3	98.6	0.0	287	9	26	3.06562E-07
GJ1-1 (Copy 3)	2022-10-25 16:01:45.210	13262	10.235180	0.046785	0.060161	0.000274	607	10	601	3	99.0	0.0	286	9	25	1.3566E-07
GJ1-1 (Copy 4)	2022-10-25 15:56:57.235	13262	10.202879	0.048226	0.060132	0.000311	606	11	603	3	99.5	0.0	287	9	26	4.57518E-07
GJ1-1 (Copy 5)	2022-10-25 15:52:06.998	13262	10.238955	0.049100	0.060153	0.000293	607	11	601	3	99.0	0.0	287	10	26	-2.80531E-07
GJ1-1 (Copy 6)	2022-10-25 16:43:39.424	13262	10.223466	0.041743	0.060372	0.000318	614	11	602	2	98.0	0.0	285	9	26	-4.80932E-07
GJ1-1 (Copy 7)	2022-10-25 16:38:50.508	13262	10.221634	0.038421	0.059948	0.000250	601	9	602	2	100.2	0.0	286	9	25	7.05382E-08
GJ1-1 (Copy 8)	2022-10-25 16:25:06.903	13262	10.213892	0.042911	0.060164	0.000287	607	10	602	2	99.2	0.0	287	10	26	5.10197E-08
GJ1-1 (Copy 9)	2022-10-25 16:20:17.931	13262	10.233502	0.052157	0.060252	0.000299	610	11	601	3	98.5	0.0	288	10	26	2.88045E-07
GJ1-2	2022-10-25 16:52:34.337	13262	10.223031	0.042353	0.060197	0.000300	608	11	602	2	99.0	0.0	285	10	25	1.73215E-07
GJ1-3	2022-10-25 16:10:40.271	13262	10.232927	0.047374	0.060407	0.000270	616	10	601	3	97.6	0.0	291	10	26	-9.46013E-08
GJ1-4	2022-10-25 16:29:55.797	13262	10.230120	0.052381	0.060124	0.000307	606	11	602	3	99.3	0.0	289	10	26	5.57839E-07
GJ1-5	2022-10-25 16:34:01.939	13262	10.222966	0.042243	0.060232	0.000320	609	12	602	2	98.8	0.0	285	9	26	-4.19532E-07
GJ1-1	2022-10-25 17:30:05.998	13263	10.241019	0.050809	0.060216	0.000257	609	9	601	3	98.7	0.0	291	10	26	-9.05102E-08
GJ1-1 (Copy 1)	2022-10-25 17:39:01.084	13263	10.218043	0.038900	0.059993	0.000313	601	11	602	2	100.2	0.0	290	9	26	3.81573E-07
GJ1-1 (Copy 10)	2022-10-25 18:11:59.271	13263	10.224882	0.039615	0.060230	0.000265	611	9	602	2	98.5	0.0	288	10	26	-1.60093E-07
GJ1-1 (Copy 2)	2022-10-25 17:11:34.107	13263	10.203110	0.042564	0.060145	0.000284	607	10	602	2	99.3	0.0	288	10	26	1.69837E-07
GJ1-1 (Copy 3)	2022-10-25 17:20:28.844	13263	10.228419	0.041996	0.060095	0.000279	605	10	602	2	99.5	0.0	288	10	26	-3.80738E-08
GJ1-1 (Copy 4)	2022-10-25 17:25:17.819	13263	10.216865	0.045178	0.060169	0.000262	608	9	602	3	99.1	0.0	286	9	26	3.69273E-07
GJ1-1 (Copy 5)	2022-10-25 17:15:40.079	13263	10.220839	0.043661	0.060256	0.000308	610	11	602	2	98.7	0.0	285	9	25	-8.51036E-08
GJ1-1 (Copy 6)	2022-10-25 18:07:10.561	13263	10.220984	0.043466	0.060108	0.000261	605	9	602	2	99.5	0.0	287	10	26	-2.1217E-07
GJ1-1 (Copy 7)	2022-10-25 18:02:21.554	13263	10.215407	0.034702	0.060259	0.000285	612	10	602	2	98.4	0.0	287	9	26	-3.52966E-08
GJ1-1 (Copy 8)	2022-10-25 17:48:38.479	13263	10.219220	0.036892	0.060310	0.000278	612	10	602	2	98.3	0.0	286	10	26	-2.60447E-07
GJ1-1 (Copy 9)	2022-10-25 17:43:49.419	13263	10.227316	0.042605	0.060169	0.000308	607	11	602	2	99.1	0.0	287	10	26	1.12643E-07
GJ1-2	2022-10-25 18:16:06.152	13263	10.221823	0.037494	0.060140	0.000286	606	10	602	2	99.3	0.0	286	9	26	-3.9443E-07
GJ1-3	2022-10-25 17:34:12.663	13263	10.216377	0.046765	0.060254	0.000317	610	11	602	3	98.7	0.0	282	9	25	-3.81993E-07
GJ1-4	2022-10-25 17:53:27.031	13263	10.223994	0.043265	0.060068	0.000301	604	11	602	2	99.7	0.0	288	10	26	1.89237E-07
GJ1-5	2022-10-25 17:57:33.070	13263	10.219098	0.039613	0.060127	0.000289	606	10	602	2	99.4	0.0	286	9	26	1.84118E-07
GJ1	2022-11-21 12:53:41.987	13279	10.234768	0.050143	0.060068	0.000279	604	10	601	3	99.6	0.0	286	10	26	-1.81006E-07
GJ1 (Copy 1)	2022-11-21 13:12:30.507	13279	10.220010	0.041472	0.060279	0.000321	611	12	602	2	98.5	0.0	285	9	26	-5.35148E-07
GJ1 (Copy 1)	2022-11-21 13:32:04.441	13279	10.219530	0.036310	0.060107	0.000306	605	11	602	2	99.5	0.0	286	10	26	1.89627E-07
GJ1 (Copy 1)	2022-11-21 13:36:09.854	13279	10.225156	0.036860	0.060034	0.000289	603	10	602	2	99.9	0.0	288	10	26	9.22406E-08
GJ1 (Copy 1)	2022-11-21 13:45:58.399	13279	10.231041	0.032454	0.060372	0.000289	615	10	601	2	97.8	0.0	288	9	26	-3.41632E-08
GJ1 (Copy 1)	2022-11-21 13:54:58.908	13279	10.224947	0.034955	0.060078	0.000358	604	13	602	2	99.7	0.0	287	9	26	1.35808E-07
GJ1 (Copy 1) (Copy 1)	2022-11-21 13:08:24.075	13279	10.233340	0.054968	0.059944	0.000310	601	11	602	3	100.1	0.0	290	10	26	3.53068E-07
GJ1 (Copy 1) (Copy 1) (Copy 1)	2022-11-21 13:50:54.261	13279	10.207961	0.036246	0.060153	0.000391	606	14	603	2	99.4	0.0	287	10	26	-4.44107E-07
GJ1 (Copy 2)	2022-11-21 13:41:04.772	13279	10.213187	0.037532	0.060314	0.000328	612	12	602	2	98.4	0.0	286	9	26	-3.90167E-08
GJ1 (Copy 3)	2022-11-21 12:49:36.367	13279	10.202327	0.043492	0.060251	0.000300	610	11	603	2	98.8	0.0	290	9	26	3.46576E-07
GJ1 (Copy 4)	2022-11-21 13:27:10.615	13279	10.223135	0.041539	0.060223	0.000297	609	11	602	2	98.8	0.0	287	10	26	-4.04781E-07
GJ1 (Copy 5)	2022-11-21 13:17:23.334	13279	10.220274	0.044370	0.060063	0.000265	604	10	602	2	99.7	0.0	287	9	26	6.75249E-08
GJ1 (Copy 6)	2022-11-21 13:22:16.908	13279	10.220731	0.037058	0.060067	0.000277	604	10	602	2	99.7	0.0	287	10	26	-3.08608E-07
GJ1 (Copy 7)	2022-11-21 13:03:30.783	13279	10.221388	0.045453	0.060229	0.000300	610	11	602	3	98.8	0.0	285	9	26	-6.38883E-07
GJ1 (Copy 8)	2022-11-21 12:58:35.878	13279	10.222115	0.041966	0.060520	0.000292	620	10	602	2	97.1	0.0	288	10	26	-2.82968E-07
GJ1 (Copy 9)	2022-11-21 12:48:55.914	13279	10.248570	0.051381	0.060079	0.000272	606	10	601	3	99.2	0.0	284	9	25	2.64869E-08
GJ1	2022-11-21 14:25:39.822	13280	10.224738	0.051593	0.059965	0.000449	600	16	602	3	100.3	0.0	291	9	26	-2.98781E-07
GJ1 (Copy 1)	2022-11-21 14:44:27.549	13280	10.214481	0.044990	0.059958	0.000478	600	17	602	3	100.4	0.0	288	10	26	-4.44862E-07
GJ1 (Copy 1)	2022-11-21 15:04:04.723	13280	10.221989	0.049518	0.060242	0.000470	610	17	601	3	98.6	0.0	286	9	26	2.98778E-07
GJ1 (Copy 1)	2022-11-21 15:08:10.160	13280	10.206650	0.039424	0.059962	0.000448	600	16	603	2	100.4	0.0	285	9	26	6.08118E-07
GJ1 (Copy 1)	2022-11-21 15:13:04.404	13280	10.232473	0.047668	0.060646	0.000439	625	16	601	3	96.3	0.0	287	10	26	-5.84729E-07
GJ1 (Copy 1)	2022-11-21 15:26:58.273	13280	10.222867	0.050391	0.059907	0.000522	598	19	602	3	100.7	0.0	283	9	26	-1.8429E-07
GJ1 (Copy 1) (Copy 1)	2022-11-21 14:40:21.976	13280	10.227372	0.045364	0.060209	0.000464	609	17	602	3	98.8	0.0	284	10	26	3.37315E-07
GJ1 (Copy 1) (Copy 1) (Copy 1)	2022-11-21 15:22:53.012	13280	10.217095	0.042728	0.060614	0.000561	623	20	602	2	96.7	0.0	291	10	26	-1.24017E-07
GJ1 (Copy 2)	2022-11-21 15:17:58.999	13280	10.217110	0.036899	0.059782	0.000501	593	18	602	2	101.5	0.0	288	10	26	-5.31798E-07
GJ1 (Copy 3)	2022-11-21 14:21:34.168	13280	10.213387	0.038995	0.060129	0.000510	606	18	602	2	99.4	0.0	285	10	25	9.8254E-08

GJ1 (Copy 4)	2022-11-21 14:54:16.157	13280	10.217456	0.039272	0.059985	0.000449	601	16	602	2	100.2	0.0	287	10	26	-2.55333E-07
GJ1 (Copy 5)	2022-11-21 14:49:21.928	13280	10.224822	0.051469	0.060352	0.000466	614	17	602	3	98.0	0.0	286	9	26	-6.05856E-07
GJ1 (Copy 6)	2022-11-21 14:59:10.321	13280	10.218054	0.044584	0.060033	0.000540	602	19	602	3	100.0	0.0	288	9	26	-1.36185E-06
GJ1 (Copy 7)	2022-11-21 14:35:28.087	13280	10.214575	0.039632	0.060339	0.000401	614	14	602	2	98.1	0.0	289	9	26	-4.80927E-07
GJ1 (Copy 8)	2022-11-21 14:30:33.839	13280	10.220909	0.043116	0.060352	0.000554	613	20	602	2	98.1	0.0	285	10	26	-2.54745E-07
GJ1 (Copy 9)	2022-11-21 14:20:54.010	13280	10.227184	0.050641	0.060232	0.000500	609	18	602	3	98.7	0.0	286	9	26	2.13818E-07
z_91500																
91500 (Copy 1)	2022-02-11 15:05:01.766	12844	5.651942	0.048957	0.074807	0.000569	1060	16	1054	8	99.4	0.4	46	18	79	4.6E-07
91500 (Copy 2)	2022-02-11 15:20:40.243	12844	5.579458	0.057146	0.074809	0.000651	1059	17	1068	10	100.8	0.4	39	14	62	7.0E-07
91500 (Copy 3)	2022-02-11 15:29:35.117	12844	5.605391	0.047933	0.075096	0.000543	1067	15	1061	9	99.5	0.4	46	17	77	9.7E-07
91500 (Copy 4)	2022-02-11 15:41:32.273	12844	5.576125	0.047518	0.075213	0.000536	1070	14	1066	8	99.6	0.4	45	17	77	3.9E-07
91500 (Copy 5)	2022-02-11 14:56:06.851	12844	5.718338	0.051667	0.075373	0.000566	1074	15	1043	9	97.1	0.4	45	17	77	7.7E-07
91500	2022-02-11 14:47:11.052	12844	5.510422	0.045312	0.074825	0.000536	1061	14	1078	8	101.5	0.4	47	18	80	1.8E-07
91500 (Copy 1)	2022-02-14 12:42:12.627	12846	5.634101	0.099171	0.075507	0.000705	1075	19	1064	17	99.0	0.4	41	14	68	5.6E-07
91500 (Copy 1)	2022-02-14 13:38:56.216	12846	5.630355	0.104737	0.075408	0.000697	1075	19	1062	17	98.9	0.3	41	14	68	3.9E-07
91500 (Copy 2)	2022-02-14 12:58:05.221	12846	5.660267	0.100876	0.074270	0.000721	1044	19	1062	17	101.7	0.4	41	14	68	8.0E-07
91500 (Copy 2)	2022-02-14 13:54:50.107	12846	5.617456	0.087359	0.074807	0.000725	1056	19	1064	15	100.7	0.4	44	16	77	5.5E-07
91500 (Copy 3)	2022-02-14 13:13:58.183	12846	5.590999	0.093977	0.075148	0.000753	1067	21	1067	16	100.0	0.4	41	14	70	5.1E-07
91500 (Copy 3)	2022-02-14 14:10:43.982	12846	5.633207	0.097919	0.074973	0.000783	1061	21	1062	17	100.1	0.4	40	14	67	7.2E-08
91500 (Copy 4)	2022-02-14 13:23:00.780	12846	5.671384	0.102373	0.075212	0.000803	1070	21	1053	16	98.5	0.3	42	14	72	4.6E-07
91500	2022-02-14 12:32:26.198	12846	5.614982	0.102464	0.075362	0.000681	1074	18	1068	18	99.5	0.3	41	14	68	-2.2E-07
91500 (Copy 1)	2022-02-18 12:45:47.251	12856	5.571044	0.058356	0.074781	0.000496	1061	14	1067	10	100.5	0.4	47	21	81	7.8E-07
91500 (Copy 10)	2022-02-18 14:20:46.281	12856	5.604939	0.059848	0.075334	0.000518	1075	14	1064	10	99.0	0.5	48	22	84	5.0E-07
91500 (Copy 2)	2022-02-18 13:05:17.093	12856	5.541093	0.058179	0.074701	0.000510	1058	14	1074	11	101.5	0.4	48	21	83	9.6E-07
91500 (Copy 3)	2022-02-18 13:26:57.824	12856	5.573138	0.053735	0.074575	0.000513	1054	14	1067	9	101.2	0.5	48	22	86	4.8E-07
91500 (Copy 4)	2022-02-18 13:48:36.860	12856	5.621090	0.058317	0.074833	0.000528	1060	14	1058	10	99.9	0.5	45	20	78	7.3E-07
91500 (Copy 5)	2022-02-18 14:10:17.741	12856	5.597599	0.059625	0.075323	0.000523	1073	14	1064	10	99.1	0.5	45	20	78	7.6E-07
91500 (Copy 6)	2022-02-18 13:59:04.861	12856	5.593065	0.058139	0.074640	0.000531	1056	14	1064	10	100.8	0.4	46	20	79	8.7E-07
91500 (Copy 7)	2022-02-18 13:38:08.913	12856	5.605474	0.061153	0.075038	0.000518	1065	14	1062	11	99.7	0.5	46	21	80	7.1E-07
91500 (Copy 8)	2022-02-18 13:16:30.187	12856	5.606527	0.055338	0.074642	0.000538	1056	14	1061	9	100.5	0.4	47	21	82	4.1E-07
91500 (Copy 9)	2022-02-18 14:31:58.269	12856	5.587044	0.057020	0.075024	0.000536	1066	14	1065	10	99.9	0.5	51	24	91	6.5E-07
91500	2022-02-18 12:26:17.078	12856	5.554388	0.054421	0.075085	0.000556	1068	15	1071	10	100.3	0.5	46	21	80	5.5E-07
91500 (Copy 10)	2022-03-15 17:03:59.221	12874	5.513867	0.056618	0.075385	0.000721	1072	19	1077	10	100.5	0.3	46	15	98	-1.7E-07
91500 (Copy 11)	2022-03-15 17:22:31.227	12874	5.463426	0.059578	0.074399	0.000636	1048	18	1086	11	103.6	0.4	46	20	77	2.0E-07
91500 (Copy 12)	2022-03-15 17:41:48.497	12874	5.517848	0.057925	0.074041	0.000590	1037	16	1078	10	103.9	0.4	47	21	83	-6.4E-07
91500 (Copy 13)	2022-03-15 18:00:24.816	12874	5.573412	0.055557	0.075005	0.000616	1065	17	1067	10	100.2	0.4	48	19	81	-6.9E-08
91500 (Copy 14)	2022-03-15 18:19:02.185	12874	5.522428	0.065271	0.074078	0.000619	1040	17	1077	11	103.6	0.4	49	20	82	-4.9E-07
91500 (Copy 15)	2022-03-15 18:37:41.060	12874	5.442649	0.061350	0.074714	0.000626	1057	16	1091	12	103.2	0.4	47	20	81	-4.3E-07
91500 (Copy 16)	2022-03-15 18:56:19.123	12874	5.522508	0.066327	0.074302	0.000608	1044	17	1076	12	103.0	0.4	48	20	83	-6.9E-07
91500 (Copy 17)	2022-03-15 19:14:56.211	12874	5.506134	0.068974	0.074411	0.000670	1046	18	1081	13	103.3	0.4	48	20	84	-3.0E-07
91500 (Copy 18)	2022-03-15 19:25:25.531	12874	5.493168	0.063299	0.075471	0.000653	1079	18	1081	11	100.2	0.4	48	21	84	2.5E-07
91500 (Copy 6)	2022-03-15 15:50:37.418	12874	5.624840	0.057690	0.074065	0.000628	1037	17	1060	10	102.2	0.4	47	20	82	-2.6E-07
91500 (Copy 7)	2022-03-15 16:09:09.297	12874	5.495586	0.058372	0.074781	0.000709	1056	19	1082	10	102.5	0.4	46	20	80	-1.0E-07
91500 (Copy 8)	2022-03-15 16:27:40.626	12874	5.561920	0.061840	0.074127	0.000600	1039	16	1069	10	102.8	0.4	46	20	79	6.0E-09
91500 (Copy 9)	2022-03-15 16:45:27.821	12874	5.541153	0.060864	0.073553	0.000643	1023	18	1072	10	104.8	0.4	47	20	80	-2.6E-07
91500	2022-03-15 15:39:30.466	12874	5.544107	0.054443	0.074513	0.000694	1051	18	1071	10	101.9	0.4	43	16	61	-2.1E-07
91500_1	2022-09-20 12:33:31.891	13146	5.639862	0.067651	0.074798	0.000676	1058	18	1057	12	100.0	0.3	51	15	77	-4.37728E-08
91500_2	2022-09-20 13:00:14.659	13146	5.595287	0.059644	0.074792	0.000676	1060	19	1064	10	100.4	0.3	52	16	82	-3.18633E-08
91500_3	2022-09-20 13:22:20.900	13146	5.587357	0.070981	0.075387	0.000776	1072	21	1064	12	99.2	0.3	50	15	79	-2.10786E-09
91500_4	2022-09-20 13:43:38.541	13146	5.633871	0.066577	0.075127	0.000692	1071	20	1054	12	98.4	0.3	51	15	81	1.03729E-07
91500_1	2022-09-20 15:31:45.209	13147	5.599898	0.040201	0.075314	0.000616	1073	16	1061	7	98.9	0.3	49	14	74	-1.51881E-08
91500_2	2022-09-20 15:58:29.291	13147	5.613790	0.040640	0.074558	0.000549	1053	15	1059	7	100.5	0.3	54	15	83	2.082E-07
91500_3	2022-09-20 16:20:49.408	13147	5.562815	0.043902	0.074903	0.000596	1064	16	1067	7	100.3	0.3	50	15	77	-2.56262E-08
91500_4	2022-09-20 16:47:53.265	13147	5.495956	0.042729	0.074607	0.000537	1058	15	1078	8	101.9	0.3	48	14	74	-2.3601E-07
91500_1	2022-09-21 11:39:36.491	13149	5.602944	0.051287	0.075307	0.000614	1072	16	1059	9	98.8	0.3	51	14	73	1.2255E-08
91500_1 (Copy 1)	2022-09-21 13:14:55.095	13149	5.584985	0.041318	0.074976	0.000607	1067	16	1063	7	99.6	0.3	50	14	71	1.18765E-07
91500_2	2022-09-21 12:05:43.206	13149	5.651232	0.051558	0.075258	0.000608	1071	16	1053	9	98.3	0.3	50	14	73	8.08723E-08
91500_3	2022-09-21 12:31:45.466	13149	5.608913	0.048924	0.075660	0.000654	1083	17	1060	9	97.9	0.3	50	14	81	-1.0905E-07
91500_4	2022-09-21 12:57:45.866	13149	5.682514	0.045207	0.074808	0.000633	1061	17	1047	8	98.7	0.3	52	14	74	1.77347E-08
91500_1	2022-09-21 14:43:39.528	13150	5.542857	0.057228	0.074822	0.000586	1060	16	1072	10	101.2	0.3	48	13	67	8.53613E-08
91500_1 (Copy 1)	2022-09-21 15:04:42.374	13150	5.639123	0.056877	0.075493	0.000571	1080	15	1056	10	97.8	0.3	52	14	73	-2.26792E-07
91500_1 (Copy 1)	2022-09-21 16:23:51.525	13150	5.614388	0.048438	0.075202	0.000572	1070	15	1057	9	98.8	0.3	48	13	66	-4.97914E-08
91500_1 (Copy 1)	2022-09-21 16:50:20.241	13150	5.634504	0.044870	0.074283	0.000603	1045	16	1055	8	101.0	0.3	49	14	62	-1.72721E-07

91500_2	2022-09-21 15:26:31.564	13150	5.590275	0.052956	0.075417	0.000600	1075	16	1063	10	98.9	0.3	48	13	68	1.86045E-07
91500_3	2022-09-21 15:53:22.050	13150	5.639482	0.047898	0.074913	0.000553	1064	15	1054	8	99.0	0.3	48	13	68	-1.60342E-07
91500 (Copy 1)	2022-10-07 14:29:22.269	13223	5.559596	0.039942	0.075142	0.000568	1068	15	1068	7	100.0	0.3	59	18	92	1.86327E-08
91500 (Copy 2)	2022-10-07 14:10:13.315	13223	5.576222	0.043629	0.075291	0.000695	1072	19	1065	8	99.4	0.3	61	19	93	-2.21685E-07
91500 (Copy 3)	2022-10-07 13:51:04.280	13223	5.568220	0.040690	0.075585	0.000581	1080	15	1067	7	98.7	0.3	58	19	91	-3.11732E-07
91500	2022-10-07 14:48:31.028	13223	5.563753	0.039447	0.074606	0.000606	1054	16	1067	7	101.3	0.3	58	18	90	-3.89063E-08
91500 (Copy 1)	2022-10-07 16:14:50.046	13224	5.555731	0.049989	0.074407	0.000541	1051	14	1070	9	101.8	0.3	57	18	88	2.43444E-07
91500 (Copy 2)	2022-10-07 15:55:43.000	13224	5.548688	0.044933	0.074513	0.000557	1053	15	1069	8	101.4	0.3	57	18	90	5.14905E-07
91500 (Copy 3)	2022-10-07 15:36:35.902	13224	5.552981	0.047894	0.074936	0.000565	1063	15	1070	8	100.7	0.3	57	18	90	-1.46857E-08
91500	2022-10-07 16:33:57.652	13224	5.575491	0.046011	0.074503	0.000510	1052	14	1065	8	101.2	0.3	57	18	89	7.38424E-07
91500_2	2022-10-10 13:26:06.829	13227	4.559141	0.058760	0.241295	0.002253	3126	15	1283	15	41.0	0.3	53	17	583	1.81151E-05
91500_3	2022-10-10 13:44:52.327	13227	5.394818	0.052628	0.122715	0.001145	1995	17	1100	10	55.1	0.3	49	16	189	4.41942E-06
91500_5 (Copy 1)	2022-10-10 14:08:34.328	13227	5.543075	0.047452	0.074799	0.000605	1059	16	1072	9	101.2	0.3	50	16	76	-1.10971E-07
91500	2022-10-10 13:07:17.844	13227	5.639649	0.049188	0.074840	0.000571	1060	15	1055	8	99.5	0.3	50	15	74	2.18589E-07
91500_2	2022-10-10 15:44:52.344	13229	5.490721	0.042237	0.100188	0.000629	1626	11	1081	8	66.4	0.3	55	17	149	2.91267E-06
91500_3	2022-10-10 16:03:38.525	13229	5.417438	0.038877	0.106501	0.001318	1736	23	1093	7	63.0	0.3	56	17	173	3.4834E-06
91500_5 (Copy 1)	2022-10-10 16:27:18.115	13229	5.583521	0.041319	0.074748	0.000497	1060	14	1064	7	100.4	0.3	54	16	81	-4.21273E-07
91500	2022-10-10 15:26:05.725	13229	5.590614	0.048322	0.074796	0.000450	1060	12	1064	9	100.3	0.3	54	16	81	1.38075E-07
91500_2	2022-10-12 12:08:03.022	13234	5.571074	0.053001	0.074495	0.000416	1052	11	1066	9	101.3	0.3	57	16	84	2.87413E-07
91500_4	2022-10-12 12:49:47.841	13234	5.697082	0.045359	0.074846	0.000430	1062	12	1044	8	98.3	0.3	55	16	80	2.13845E-08
91500_4 (Copy 1)	2022-10-12 12:31:18.871	13234	5.669888	0.039615	0.074966	0.000455	1065	12	1049	7	98.5	0.3	56	16	83	5.84142E-08
91500	2022-10-12 11:49:33.603	13234	5.639314	0.055590	0.075084	0.000489	1068	13	1056	10	98.9	0.3	54	16	81	1.52172E-07
91500_2	2022-10-12 13:58:43.683	13235	5.631852	0.036093	0.075215	0.000439	1072	12	1053	6	98.3	0.3	58	18	90	5.07459E-07
91500_4	2022-10-12 13:35:28.193	13235	5.547007	0.041256	0.074872	0.000442	1064	12	1070	7	100.6	0.3	61	20	98	5.10299E-07
91500_5 (Copy 1)	2022-10-12 14:17:12.072	13235	5.526689	0.035667	0.074746	0.000509	1059	14	1072	7	101.3	0.3	58	19	91	2.56319E-07
91500	2022-10-12 13:16:58.987	13235	5.587473	0.035238	0.074713	0.000447	1058	12	1063	6	100.5	0.3	59	18	93	8.05807E-08
91500_2	2022-10-12 15:59:59.567	13236	5.638771	0.037578	0.074922	0.000461	1063	12	1053	6	99.0	0.3	56	18	88	-5.96973E-08
91500_4	2022-10-12 15:36:44.208	13236	5.535592	0.037524	0.075480	0.000503	1078	13	1072	7	99.4	0.3	56	17	88	1.15793E-07
91500_5 (Copy 1)	2022-10-12 16:18:28.658	13236	5.593125	0.036585	0.075099	0.000513	1069	14	1061	6	99.3	0.3	59	20	94	1.78001E-07
91500	2022-10-12 15:18:15.821	13236	5.600632	0.034991	0.074905	0.000421	1063	11	1060	6	99.7	0.3	58	19	92	-3.11122E-07
91500-1	2022-10-24 12:50:55.650	13253	5.627292	0.050580	0.075220	0.000575	1073	16	1057	9	98.5	0.3	54	17	86	-2.81959E-07
91500-2	2022-10-24 13:09:36.070	13253	5.580125	0.044874	0.075023	0.000551	1066	15	1064	8	99.8	0.3	56	17	90	-1.71915E-07
91500-3	2022-10-24 13:33:48.914	13253	5.599205	0.044468	0.075737	0.000590	1084	16	1061	8	97.8	0.3	52	16	87	2.56705E-07
91500-4	2022-10-24 13:51:48.712	13253	5.565770	0.045987	0.074172	0.000585	1044	16	1068	8	102.3	0.3	55	17	88	3.22046E-07
91500-1	2022-10-24 14:47:00.843	13254	5.547683	0.043929	0.074649	0.000572	1055	15	1071	8	101.5	0.3	52	16	82	7.12539E-08
91500-2	2022-10-24 15:29:50.843	13254	5.519929	0.044748	0.075004	0.000547	1067	15	1076	8	100.8	0.3	50	16	81	3.57129E-07
91500-3	2022-10-24 15:05:40.070	13254	5.531607	0.045410	0.074855	0.000516	1061	14	1074	8	101.2	0.3	51	16	82	5.227E-07
91500-4	2022-10-24 15:49:11.573	13254	5.512412	0.037815	0.080087	0.000545	1196	13	1076	7	90.0	0.3	53	17	99	6.0765E-07
91500-1	2022-10-25 12:45:23.395	13260	5.564150	0.043978	0.074894	0.000531	1063	14	1067	8	100.4	0.3	54	16	87	5.07096E-07
91500-2	2022-10-25 12:03:46.368	13260	5.575590	0.047976	0.075203	0.000642	1070	17	1065	8	99.6	0.3	54	16	87	-2.49048E-08
91500-3	2022-10-25 11:45:18.786	13260	5.597190	0.051678	0.074923	0.000557	1065	15	1060	9	99.5	0.3	54	16	86	-5.58812E-07
91500-4	2022-10-25 12:26:57.941	13260	5.526987	0.050727	0.074260	0.000643	1047	18	1074	9	102.6	0.3	55	17	89	3.27424E-07
91500-1	2022-10-25 14:33:59.349	13261	5.529530	0.038332	0.074768	0.000570	1061	15	1073	7	101.2	0.3	56	17	90	1.80888E-07
91500-2	2022-10-25 13:52:16.868	13261	5.559383	0.036383	0.074680	0.000509	1058	14	1068	6	100.9	0.3	54	17	88	-5.48222E-08
91500-3	2022-10-25 13:33:50.636	13261	5.549685	0.037639	0.074565	0.000541	1053	15	1068	7	101.4	0.3	55	17	88	2.60601E-07
91500-4	2022-10-25 14:15:31.349	13261	5.534054	0.035989	0.074775	0.000513	1059	14	1072	6	101.2	0.3	54	17	88	1.68021E-07
91500-1	2022-10-25 16:49:07.941	13262	5.570567	0.041934	0.074768	0.000572	1059	15	1066	7	100.7	0.3	54	16	87	7.8522E-08
91500-2	2022-10-25 16:07:13.941	13262	5.519715	0.049670	0.074805	0.000633	1059	17	1076	9	101.6	0.3	54	17	87	1.28297E-08
91500-3	2022-10-25 15:48:40.510	13262	5.585018	0.047052	0.075114	0.000615	1070	16	1064	8	99.5	0.3	55	16	88	1.48778E-07
91500-4	2022-10-25 16:30:35.924	13262	5.547844	0.051076	0.074319	0.000554	1048	15	1071	9	102.2	0.3	54	16	86	1.98168E-07
91500-1	2022-10-25 18:12:39.498	13263	5.535121	0.043716	0.075072	0.000526	1069	14	1073	8	100.3	0.3	57	18	92	-3.32504E-07
91500-2	2022-10-25 17:30:49.270	13263	5.479579	0.057460	0.074604	0.000671	1057	19	1083	10	102.5	0.3	56	18	93	1.63361E-07
91500-3	2022-10-25 17:12:14.396	13263	5.537404	0.042819	0.075040	0.000483	1067	13	1072	8	100.6	0.3	56	17	90	3.48236E-07
91500-4	2022-10-25 17:54:07.369	13263	5.513979	0.055413	0.074760	0.000531	1059	14	1075	9	101.5	0.3	57	18	91	6.55586E-08
91500 (Copy 1)	2022-11-21 12:50:56.953	13279	5.607279	0.042201	0.075073	0.000626	1066	17	1060	7	99.4	0.3	53	17	80	-5.80136E-07
91500 (Copy 1) (Copy 1)	2022-11-21 13:09:43.985	13279	5.589707	0.046490	0.074620	0.000554	1055	15	1063	8	100.8	0.3	51	17	80	9.60839E-08
91500 (Copy 1) (Copy 1) (Copy 1)	2022-11-21 13:52:11.377	13279	5.585522	0.037078	0.074344	0.000576	1047	16	1063	6	101.5	0.3	55	17	83	-8.38486E-11
91500	2022-11-21 13:33:25.820	13279	5.563353	0.040852	0.074567	0.000574	1057	15	1067	7	101.0	0.3	49	17	78	2.93251E-07
91500 (Copy 1)	2022-11-21 14:22:50.093	13280	5.573620	0.033403	0.074724	0.000562	1057	15	1064	6	100.6	0.3	54	17	84	-2.9805E-07
91500 (Copy 1) (Copy 1)	2022-11-21 14:41:37.306	13280	5.567605	0.047677	0.074260	0.000598	1045	16	1067	9	102.1	0.3	57	18	87	5.16389E-07
91500 (Copy 1) (Copy 1) (Copy 1)	2022-11-21 15:24:09.856	13280	5.604248	0.044533	0.075288	0.000581	1073	15	1060	8	98.8	0.3	52	16	79	-5.82716E-09
91500	2022-11-21 15:05:22.222	13280	5.541028	0.048512	0.075055	0.000693	1069	19	1071	9	100.2	0.3	53	17	82	7.2163E-08

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Plesovice	2022-02-11 14:46:26.919	12844	18.509502	0.157973	0.053790	0.000391	358	17	340	3	94.8	0.1	218	16	30	-1.1E-06
Plesovice (Copy 1)	2022-02-11 15:04:17.657	12844	18.630287	0.153501	0.053540	0.000381	348	16	338	3	97.1	0.1	248	16	30	-2.5E-08
Plesovice (Copy 2)	2022-02-11 15:19:56.075	12844	18.513792	0.142372	0.053825	0.000349	359	15	340	2	94.6	0.1	273	19	36	-5.2E-07
Plesovice (Copy 3)	2022-02-11 15:28:50.934	12844	18.809007	0.140462	0.053987	0.000394	365	16	335	2	91.6	0.1	238	16	31	-2.5E-07
Plesovice (Copy 4)	2022-02-11 15:40:48.098	12844	18.443314	0.130842	0.053715	0.000332	358	14	341	2	95.1	0.1	246	19	35	-5.7E-07
Plesovice (Copy 5)	2022-02-11 14:55:22.595	12844	19.036094	0.156589	0.053314	0.000416	340	18	331	3	97.3	0.1	215	16	30	1.4E-08
Plesovice	2022-02-14 12:31:42.061	12846	18.519311	0.114960	0.053315	0.000427	338	19	339	2	100.5	0.1	297	25	43	1.1E-07
Plesovice (Copy 1)	2022-02-14 13:13:14.075	12846	18.418909	0.093121	0.053171	0.000394	332	17	341	2	102.6	0.1	332	30	50	-1.5E-07
Plesovice (Copy 1)	2022-02-14 13:38:11.928	12846	18.762062	0.099438	0.053421	0.000381	343	16	335	2	97.6	0.1	361	33	54	9.0E-08
Plesovice (Copy 2)	2022-02-14 12:57:21.082	12846	18.522249	0.100905	0.053465	0.000407	343	17	339	2	98.9	0.1	331	30	49	1.1E-07
Plesovice (Copy 2)	2022-02-14 13:54:05.933	12846	18.755942	0.094322	0.053654	0.000409	351	17	335	2	95.6	0.1	349	30	52	1.1E-07
Plesovice (Copy 3)	2022-02-14 13:22:16.602	12846	18.733021	0.100584	0.053279	0.000351	336	15	336	2	99.9	0.1	349	32	52	3.2E-07
Plesovice (Copy 3)	2022-02-14 14:09:59.851	12846	18.560785	0.082073	0.056432	0.000556	470	22	338	1	72.0	0.1	477	46	97	9.2E-07
Plesovice (Copy 4)	2022-02-14 12:41:28.516	12846	18.754639	0.105863	0.053334	0.000356	338	15	335	2	99.1	0.1	362	34	54	7.1E-08
Plesovice (Copy 1)	2022-02-18 12:45:03.123	12856	18.269058	0.143128	0.053679	0.000241	355	10	344	3	97.0	0.1	529	57	93	-4.0E-07
Plesovice (Copy 10)	2022-02-18 14:20:01.995	12856	18.661109	0.197966	0.053857	0.000212	363	9	338	3	93.3	0.1	599	68	109	-1.6E-08
Plesovice (Copy 2)	2022-02-18 13:03:48.779	12856	18.509647	0.172267	0.056215	0.000239	459	9	341	3	74.1	0.1	537	58	112	8.9E-07
Plesovice (Copy 3)	2022-02-18 13:26:13.699	12856	18.462214	0.187795	0.053449	0.000225	346	10	341	3	98.6	0.1	564	64	102	-1.6E-06
Plesovice (Copy 4)	2022-02-18 13:47:52.733	12856	18.472948	0.166870	0.053660	0.000238	356	10	341	3	95.8	0.1	550	60	96	-2.8E-07
Plesovice (Copy 5)	2022-02-18 14:08:49.499	12856	18.295771	0.162659	0.053754	0.000241	358	10	344	3	96.1	0.1	569	63	102	8.9E-08
Plesovice (Copy 6)	2022-02-18 13:58:20.782	12856	18.557267	0.177071	0.053888	0.000216	367	9	340	3	92.6	0.1	606	69	112	-7.6E-07
Plesovice (Copy 7)	2022-02-18 13:36:40.603	12856	18.513625	0.168635	0.053995	0.000250	368	10	340	3	92.3	0.1	481	51	84	5.5E-08
Plesovice (Copy 8)	2022-02-18 13:15:01.831	12856	18.464795	0.170655	0.053673	0.000228	356	10	341	3	95.9	0.1	568	63	101	-4.8E-07
Plesovice (Copy 9)	2022-02-18 14:30:29.897	12856	18.400743	0.167611	0.053585	0.000241	351	10	343	3	97.6	0.1	582	64	103	-5.1E-08
Plesovice2	2022-02-18 13:15:46.037	12856	18.238071	0.108984	0.053258	0.000273	338	11	345	2	102.0	0.2	397	80	95	-5.8E-07
Plesovice2 (Copy 1)	2022-02-18 14:09:33.644	12856	18.321961	0.106651	0.053544	0.000304	348	13	343	2	98.5	0.2	374	65	78	-7.9E-07
Plesovice2 (Copy 2)	2022-02-18 12:25:32.893	12856	18.389290	0.099972	0.053034	0.000291	327	12	342	2	104.6	0.2	351	56	68	-8.8E-07
Plesovice2 (Copy 3)	2022-02-18 13:04:32.940	12856	18.390923	0.105972	0.053372	0.000243	342	10	342	2	100.0	0.2	402	82	99	-3.4E-07
Plesovice2 (Copy 4)	2022-02-18 13:37:24.787	12856	18.380754	0.105961	0.053524	0.000260	350	11	342	2	97.6	0.2	386	68	81	-8.7E-07
Plesovice2 (Copy 5)	2022-02-18 14:31:14.058	12856	18.218578	0.099262	0.053541	0.000276	349	12	345	2	99.0	0.2	374	63	75	-1.0E-06
Plesovice	2022-03-15 15:38:46.219	12874	18.232910	0.060060	0.052836	0.000343	317	15	344	1	108.6	0.1	446	55	80	6.4E-07
Plesovice (Copy 13)	2022-03-15 15:49:53.202	12874	18.627337	0.062858	0.053030	0.000334	326	14	337	1	103.5	0.1	480	55	87	1.2E-06
Plesovice (Copy 15)	2022-03-15 16:08:25.160	12874	18.353844	0.067009	0.053316	0.000294	339	13	342	1	101.0	0.1	414	45	69	9.7E-07
Plesovice (Copy 17)	2022-03-15 16:26:56.497	12874	18.436599	0.072754	0.053342	0.000287	340	12	341	1	100.2	0.1	398	42	63	7.3E-07
Plesovice (Copy 19)	2022-03-15 16:44:43.619	12874	18.466219	0.077754	0.053570	0.000297	349	13	340	1	97.4	0.1	454	54	81	2.8E-07
Plesovice (Copy 21)	2022-03-15 17:03:15.048	12874	18.232191	0.079116	0.054241	0.000326	378	14	345	1	91.0	0.1	502	56	139	9.4E-07
Plesovice (Copy 23)	2022-03-15 17:21:46.969	12874	18.338888	0.083596	0.053260	0.000280	338	12	342	1	101.4	0.1	561	65	95	2.4E-07
Plesovice (Copy 25)	2022-03-15 17:41:04.275	12874	18.375755	0.083807	0.053356	0.000265	341	11	341	2	100.2	0.1	569	66	98	6.8E-07
Plesovice (Copy 27)	2022-03-15 17:59:40.679	12874	18.417633	0.085293	0.053561	0.000296	349	13	341	2	97.8	0.1	574	68	109	7.5E-07
Plesovice (Copy 29)	2022-03-15 18:18:18.027	12874	18.278849	0.098523	0.053256	0.000278	338	12	344	2	101.8	0.1	534	64	100	5.6E-07
Plesovice (Copy 31)	2022-03-15 18:36:56.744	12874	18.496645	0.112864	0.053314	0.000332	338	14	340	2	100.5	0.1	498	63	93	4.9E-07
Plesovice (Copy 33)	2022-03-15 18:55:35.001	12874	18.383637	0.102171	0.053152	0.000291	333	13	342	2	102.7	0.1	476	58	87	8.1E-08
Plesovice (Copy 35)	2022-03-15 19:14:12.025	12874	18.073840	0.111863	0.053010	0.000296	326	13	348	2	106.7	0.1	554	71	109	8.2E-07
Plesovice (Copy 37)	2022-03-15 19:24:41.350	12874	18.321757	0.117986	0.053561	0.000297	349	13	343	2	98.2	0.1	503	61	93	5.8E-07
PLESO_1	2022-09-20 12:32:51.772	13146	18.543112	0.116082	0.053590	0.000338	350	14	339	2	96.7	0.1	557	56	89	2.09887E-07
PLESO_2	2022-09-20 12:59:34.480	13146	18.449667	0.106519	0.053223	0.000356	334	15	341	2	101.9	0.1	559	56	90	-1.02462E-07
PLESO_3	2022-09-20 13:21:40.759	13146	18.386084	0.098008	0.053286	0.000347	339	15	342	2	100.8	0.1	541	56	87	1.35796E-07
PLESO_4	2022-09-20 13:42:58.401	13146	18.687853	0.084288	0.053219	0.000339	336	14	336	1	100.0	0.1	555	56	91	1.03332E-07
PLESO_1	2022-09-20 15:31:05.036	13147	18.542844	0.054710	0.053415	0.000276	345	12	339	1	98.1	0.1	533	52	84	5.97727E-09
PLESO_2	2022-09-20 15:57:49.154	13147	18.574381	0.055364	0.053203	0.000274	335	12	338	1	101.0	0.1	546	51	85	5.5863E-08
PLESO_3	2022-09-20 16:20:09.268	13147	18.553938	0.046604	0.053246	0.000293	336	13	338	1	100.6	0.1	532	51	83	1.30601E-08
PLESO_4	2022-09-20 16:47:13.056	13147	18.440089	0.042274	0.053177	0.000268	334	11	341	1	102.0	0.1	546	55	84	-1.08096E-07
PLESO_1	2022-09-21 11:38:56.336	13149	18.569042	0.077202	0.053393	0.000282	344	12	338	1	98.3	0.1	611	62	96	1.04564E-07
PLESO_1 (Copy 1)	2022-09-21 13:14:14.905	13149	18.509779	0.056196	0.053199	0.000300	334	13	339	1	101.5	0.1	589	59	92	1.39609E-07
PLESO_2	2022-09-21 12:05:03.078	13149	18.470280	0.067036	0.053009	0.000285	328	12	340	1	103.8	0.1	592	60	95	2.03935E-07
PLESO_3	2022-09-21 12:31:05.190	13149	18.504776	0.068256	0.053215	0.000287	335	12	339	1	101.3	0.1	602	61	104	-1.21852E-07
PLESO_4	2022-09-21 12:57:05.907	13149	18.772760	0.055449	0.053365	0.000294	343	13	335	1	97.6	0.1	602	61	95	-1.96681E-07
PLESO_1	2022-09-21 14:43:00.542	13150	19.124828	0.095332	0.053203	0.000269	335	11	329	2	98.1	0.1	575	58	87	-2.52543E-07
PLESO_1 (Copy 1)	2022-09-21 15:04:02.247	13150	18.689440	0.113326	0.053339	0.000277	343	12	336	2	98.0	0.1	692	72	108	-1.41077E-07
PLESO_1 (Copy 1)	2022-09-21 16:23:11.390	13150	18.558360	0.088054	0.053507	0.000277	348	12	339	2	97.4	0.1	626	65	97	-1.58379E-07
PLESO_1 (Copy 1)	2022-09-21 16:49:40.031	13150	18.649830	0.072950	0.052904	0.000234	322	10	337	1	104.5	0.1	653	64	87	3.52212E-08
PLESO_2	2022-09-21 15:25:51.321	13150	18.910964	0.104780	0.053219	0.000261	336	11	333	2	99.1	0.1	636	64	98	5.76034E-09
PLESO_3	2022-09-21 15:52:41.777	13150	18.698772	0.086979	0.053341	0.000277	341	12	336	2	98.7	0.1	627	63	98	-1.03603E-07
Pleso	2022-10-07 13:53:09.440	13223	18.370271	0.064147	0.053591	0.000235	352	10	342	1	97.2	0.1	616	77	124	-8.07894E-07

Pleso (Copy 2)	2022-10-07 14:12:18.348	13223	18.501862	0.055917	0.053148	0.000315	332	13	339	1	102.3	0.1	432	39	61	-2.7256E-07
Pleso (Copy 4)	2022-10-07 14:31:27.666	13223	18.230601	0.064227	0.053243	0.000362	335	15	344	1	102.7	0.1	383	33	54	-6.25316E-07
Pleso (Copy 9)	2022-10-07 14:50:35.812	13223	18.508930	0.071622	0.053536	0.000231	351	10	339	1	96.8	0.1	546	66	102	-2.50556E-07
Pleso	2022-10-07 15:38:40.762	13224	18.442974	0.104646	0.053397	0.000244	343	10	341	2	99.2	0.1	626	87	138	-3.51173E-07
Pleso (Copy 2)	2022-10-07 15:57:47.744	13224	18.538727	0.088032	0.053308	0.000268	339	11	339	2	99.8	0.1	611	79	124	-1.77378E-07
Pleso (Copy 4)	2022-10-07 16:16:54.941	13224	18.589810	0.076760	0.053286	0.000272	338	12	338	1	99.9	0.1	515	51	81	-7.39369E-07
Pleso (Copy 9)	2022-10-07 16:36:02.414	13224	18.533600	0.081939	0.052993	0.000245	326	10	339	1	103.9	0.1	608	78	125	-5.73337E-07
Pleso	2022-10-10 13:07:59.703	13227	18.798389	0.131971	0.053548	0.000237	351	10	334	2	95.3	0.1	717	98	163	-3.5292E-07
Pleso	2022-10-10 13:26:46.422	13227	18.589836	0.120057	0.053435	0.000222	345	9	338	2	97.9	0.1	727	101	166	2.68642E-07
Pleso (Copy 2)	2022-10-10 13:45:34.015	13227	18.619814	0.123825	0.053564	0.000211	352	9	338	2	96.0	0.1	738	103	167	-4.04412E-07
Pleso (Copy 4)	2022-10-10 14:09:16.028	13227	18.595502	0.118025	0.053451	0.000211	346	9	338	2	97.7	0.1	760	108	172	-5.82516E-07
Pleso	2022-10-10 15:26:47.450	13229	18.613960	0.124363	0.053252	0.000228	337	10	338	2	100.1	0.1	657	96	150	-2.16875E-07
Pleso	2022-10-10 15:45:34.150	13229	18.724462	0.108888	0.053410	0.000223	345	9	336	2	97.2	0.1	644	87	136	-2.82723E-07
Pleso (Copy 2)	2022-10-10 16:04:19.986	13229	18.783930	0.095742	0.053530	0.000228	349	10	335	2	95.9	0.1	670	96	154	-6.85294E-07
Pleso (Copy 4)	2022-10-10 16:27:59.796	13229	18.760071	0.094543	0.053504	0.000197	348	8	335	2	96.1	0.1	658	91	143	-8.66906E-07
Pleso	2022-10-12 11:50:15.434	13234	18.709195	0.124240	0.053445	0.000211	346	9	336	2	97.3	0.1	764	103	164	-4.03031E-07
Pleso	2022-10-12 12:08:44.736	13234	18.648914	0.120986	0.053419	0.000201	346	8	337	2	97.5	0.1	776	104	167	-2.01016E-07
Pleso (Copy 3)	2022-10-12 12:50:29.335	13234	18.667444	0.113727	0.053260	0.000189	339	8	337	2	99.4	0.1	765	104	163	2.06791E-07
Pleso (Copy 3) (Copy 1)	2022-10-12 12:32:00.663	13234	18.670892	0.111165	0.053461	0.000201	346	9	337	2	97.1	0.1	787	105	173	-2.32524E-08
Pleso	2022-10-12 13:17:40.913	13235	18.698183	0.124302	0.053230	0.000275	337	11	336	2	99.7	0.1	456	42	69	2.82373E-07
Pleso	2022-10-12 13:59:28.331	13235	18.882382	0.100960	0.053392	0.000306	343	13	333	2	97.0	0.1	451	42	67	8.70936E-08
Pleso (Copy 3)	2022-10-12 13:36:09.796	13235	18.638376	0.113570	0.053459	0.000260	346	11	337	2	97.6	0.1	456	43	68	-3.5277E-07
Pleso (Copy 4)	2022-10-12 14:17:53.927	13235	18.588794	0.107573	0.053444	0.000231	346	10	338	2	97.8	0.1	435	41	65	-3.98297E-07
Pleso	2022-10-12 15:18:57.722	13236	18.676757	0.100706	0.053694	0.000220	357	9	336	2	94.1	0.1	487	46	74	-2.96675E-07
Pleso	2022-10-12 16:00:41.100	13236	18.710728	0.090719	0.053511	0.000248	348	10	336	2	96.5	0.1	486	45	72	2.76133E-07
Pleso (Copy 3)	2022-10-12 15:37:25.831	13236	18.676365	0.098496	0.053348	0.000207	342	9	337	2	98.5	0.1	490	46	73	-1.36351E-07
Pleso (Copy 4)	2022-10-12 16:19:09.063	13236	18.473717	0.098305	0.053252	0.000242	339	10	340	2	100.4	0.1	484	45	72	-4.817E-07
Pleso-1	2022-10-24 12:51:35.789	13253	18.651523	0.125861	0.053569	0.000285	351	12	337	2	96.0	0.1	852	73	121	-8.52821E-08
Pleso-2	2022-10-24 13:10:15.953	13253	18.354397	0.096880	0.052990	0.000211	326	9	342	2	104.9	0.1	795	71	116	-7.11052E-08
Pleso-3	2022-10-24 13:34:29.144	13253	18.409340	0.092625	0.053223	0.000191	336	8	341	2	101.4	0.1	795	72	116	-1.74261E-07
Pleso-4	2022-10-24 13:52:29.137	13253	18.437520	0.105713	0.053206	0.000202	337	9	341	2	101.3	0.1	811	73	118	-4.5003E-07
Pleso-1	2022-10-24 14:47:41.014	13254	18.287051	0.082819	0.053264	0.000217	338	9	343	2	101.6	0.1	730	67	105	-3.2756E-07
Pleso-2	2022-10-24 15:30:31.020	13254	18.180705	0.077688	0.053371	0.000235	342	10	345	1	100.9	0.1	729	66	107	-3.44593E-07
Pleso-3	2022-10-24 15:06:20.259	13254	18.383620	0.085355	0.053457	0.000253	346	11	342	2	98.8	0.1	761	68	110	3.40834E-07
Pleso-4	2022-10-24 15:49:51.790	13254	18.416472	0.067337	0.053188	0.000222	335	9	341	1	101.9	0.1	788	72	115	-2.93031E-07
Pleso-1	2022-10-25 12:46:03.316	13260	18.349190	0.124647	0.053469	0.000248	347	11	342	2	98.7	0.2	877	133	217	-2.94326E-07
Pleso-2	2022-10-25 12:04:25.514	13260	18.432219	0.127807	0.053327	0.000256	341	11	341	2	100.0	0.2	882	138	232	-5.80452E-07
Pleso-3	2022-10-25 11:45:59.695	13260	18.593032	0.124812	0.053678	0.000241	356	10	338	2	95.0	0.2	927	143	232	-2.56476E-07
Pleso-4	2022-10-25 12:27:39.316	13260	18.396504	0.134489	0.053488	0.000218	348	9	342	2	98.2	0.2	932	145	234	3.1789E-08
Pleso-1	2022-10-25 14:34:39.517	13261	18.404856	0.064267	0.053448	0.000251	348	11	341	1	98.1	0.2	886	134	223	1.46878E-07
Pleso-2	2022-10-25 13:52:57.570	13261	18.313073	0.073396	0.053518	0.000238	349	10	343	1	98.2	0.2	857	138	225	-2.38397E-07
Pleso-3	2022-10-25 13:34:31.087	13261	18.518184	0.092216	0.053246	0.000226	337	10	339	2	100.5	0.2	936	143	234	4.78583E-08
Pleso-4	2022-10-25 14:16:12.170	13261	18.471909	0.075232	0.053344	0.000233	342	10	340	1	99.5	0.2	954	146	241	1.19771E-06
Pleso-1	2022-10-25 16:49:48.041	13262	18.415648	0.106918	0.053542	0.000259	350	11	341	2	97.6	0.2	807	124	204	-2.05657E-07
Pleso-2	2022-10-25 16:07:53.909	13262	18.356496	0.096178	0.053516	0.000213	349	9	342	2	98.1	0.2	801	130	215	-1.67796E-07
Pleso-3	2022-10-25 15:49:20.834	13262	18.474391	0.107094	0.053176	0.000188	336	8	340	2	101.4	0.2	861	134	222	5.94418E-08
Pleso-4	2022-10-25 16:31:16.199	13262	18.265391	0.094897	0.053349	0.000218	342	9	344	2	100.7	0.2	865	134	223	6.4321E-07
Pleso-1	2022-10-25 18:13:19.735	13263	18.438996	0.107071	0.053215	0.000232	336	10	340	2	101.3	0.1	1095	162	264	-1.00805E-07
Pleso-2	2022-10-25 17:31:26.088	13263	18.428515	0.161045	0.053339	0.000274	342	12	341	3	99.9	0.1	1206	160	275	-5.19109E-07
Pleso-3	2022-10-25 17:12:57.958	13263	18.501494	0.134497	0.053467	0.000241	349	10	340	2	97.4	0.1	1148	164	259	-2.61107E-07
Pleso-4	2022-10-25 17:54:48.467	13263	18.250252	0.115771	0.054090	0.000232	373	10	344	2	92.2	0.1	1219	170	279	4.7705E-07
Plesovice	2022-11-21 13:32:44.891	13279	18.505653	0.075405	0.053506	0.000314	347	13	339	1	97.7	0.1	462	49	73	-1.96497E-07
Plesovice (Copy 1)	2022-11-21 12:50:20.450	13279	18.398162	0.104070	0.053599	0.000325	352	14	341	2	97.1	0.1	436	47	69	1.9654E-07
Plesovice (Copy 1) (Copy 1)	2022-11-21 13:09:05.769	13279	18.419791	0.090887	0.053461	0.000316	346	13	341	2	98.7	0.1	440	48	71	2.79741E-07
Plesovice (Copy 1) (Copy 1) (Copy 1)	2022-11-21 13:51:31.917	13279	18.575470	0.073018	0.053141	0.000303	332	13	338	1	101.8	0.1	510	51	77	1.9068E-07
Plesovice	2022-11-21 15:04:39.875	13280	18.497437	0.053824	0.053287	0.000304	338	13	339	1	100.3	0.1	504	52	79	-5.2343E-07
Plesovice (Copy 1)	2022-11-21 14:22:12.981	13280	18.477308	0.066018	0.053221	0.000364	338	15	340	1	100.6	0.1	492	53	78	-1.3924E-07
Plesovice (Copy 1) (Copy 1)	2022-11-21 14:40:57.181	13280	18.307768	0.058924	0.053308	0.000348	341	15	343	1	100.4	0.1	537	55	84	-4.27319E-07
Plesovice (Copy 1) (Copy 1) (Copy 1)	2022-11-21 15:23:28.204	13280	18.522179	0.067755	0.053473	0.000302	347	13	339	1	97.8	0.1	534	52	81	-2.00761E-07

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Z6412	2022-02-11 14:45:42.650	12844	5.101435	0.031238	0.079043	0.000270	1172	7	1155	6	98.6	0.4	189	79	503	-2.0E-07
Z6412 (Copy 1)	2022-02-11 15:03:33.488	12844	5.109423	0.028880	0.078890	0.000273	1168	7	1153	6	98.7	0.4	168	71	448	7.3E-08
Z6412 (Copy 2)	2022-02-11 15:19:11.937	12844	5.099523	0.032283	0.079196	0.000288	1175	7	1155	7	98.3	0.4	188	79	501	1.4E-07

Z6412 (Copy 3)	2022-02-11 15:28:06.729	12844	5.136495	0.030757	0.078690	0.000292	1163	7	1148	6	98.7	0.4	169	71	453	-9.1E-08
Z6412 (Copy 4)	2022-02-11 15:40:03.996	12844	5.087672	0.028942	0.078971	0.000286	1170	7	1158	6	99.0	0.4	186	78	499	3.6E-07
Z6412 (Copy 5)	2022-02-11 14:54:38.338	12844	5.202382	0.033455	0.078802	0.000298	1166	8	1135	7	97.4	0.4	176	74	469	-1.0E-07
Z6412	2022-02-14 12:30:57.849	12846	5.128278	0.032217	0.078750	0.000295	1164	7	1150	7	98.8	0.5	196	96	528	3.5E-07
Z6412 (Copy 1)	2022-02-14 12:40:44.395	12846	5.099210	0.029381	0.078653	0.000377	1161	10	1155	6	99.5	0.5	179	88	478	7.0E-07
Z6412 (Copy 1)	2022-02-14 13:37:27.779	12846	5.115622	0.027390	0.078884	0.000317	1167	8	1152	6	98.7	0.5	190	94	506	2.7E-07
Z6412 (Copy 2)	2022-02-14 12:56:36.826	12846	5.156997	0.027794	0.078681	0.000359	1162	9	1143	6	98.4	0.5	184	91	486	-9.3E-08
Z6412 (Copy 2)	2022-02-14 13:53:21.796	12846	5.128570	0.023381	0.078846	0.000314	1166	8	1149	5	98.5	0.5	234	113	643	1.6E-07
Z6412 (Copy 3)	2022-02-14 13:12:29.931	12846	5.114814	0.029676	0.079135	0.000338	1173	8	1152	6	98.2	0.5	191	95	520	3.3E-07
Z6412 (Copy 3)	2022-02-14 14:09:15.719	12846	5.101642	0.022073	0.078830	0.000321	1167	8	1154	5	98.9	0.5	216	110	589	8.8E-07
Z6412 (Copy 4)	2022-02-14 13:21:32.443	12846	5.090162	0.025962	0.078727	0.000331	1163	8	1158	5	99.5	0.5	223	109	600	-5.5E-08
z6412	2022-02-18 12:27:01.907	12856	5.067293	0.027544	0.078493	0.000279	1158	7	1161	6	100.3	0.6	178	115	485	7.0E-08
z6412 (Copy 1)	2022-02-18 12:46:32.447	12856	5.036356	0.030061	0.078618	0.000245	1162	6	1169	6	100.7	0.6	181	116	489	1.4E-06
z6412 (Copy 10)	2022-02-18 14:21:31.394	12856	5.033485	0.031985	0.078809	0.000242	1166	6	1170	7	100.3	0.6	180	116	491	7.4E-07
z6412 (Copy 2)	2022-02-18 13:06:02.068	12856	5.032359	0.028390	0.078658	0.000243	1162	6	1170	6	100.7	0.6	183	117	493	1.5E-06
z6412 (Copy 3)	2022-02-18 13:27:42.508	12856	5.018256	0.031681	0.078570	0.000236	1160	6	1173	7	101.1	0.7	179	117	489	1.2E-06
z6412 (Copy 4)	2022-02-18 13:49:21.610	12856	5.040780	0.031864	0.078609	0.000264	1161	7	1169	7	100.7	0.7	179	117	489	4.1E-07
z6412 (Copy 5)	2022-02-18 14:11:02.845	12856	5.042507	0.030578	0.078638	0.000267	1161	7	1167	6	100.5	0.7	180	118	492	9.8E-07
z6412 (Copy 6)	2022-02-18 13:59:49.732	12856	5.042594	0.032204	0.078574	0.000256	1160	6	1168	7	100.7	0.7	180	118	494	9.9E-07
z6412 (Copy 7)	2022-02-18 13:38:53.542	12856	5.062961	0.030674	0.078834	0.000245	1167	6	1164	7	99.7	0.6	179	115	485	7.7E-07
z6412 (Copy 8)	2022-02-18 13:17:15.172	12856	5.043059	0.032074	0.078618	0.000262	1161	7	1168	7	100.6	0.6	178	114	483	1.1E-06
z6412 (Copy 9)	2022-02-18 14:32:43.065	12856	4.995697	0.033404	0.078516	0.000264	1158	7	1179	7	101.7	0.7	179	116	489	2.1E-07
Z6412	2022-03-15 15:40:18.574	12874	4.979181	0.022588	0.078432	0.000331	1156	8	1180	5	102.1	0.6	156	93	419	-3.0E-07
Z6412 (Copy 10)	2022-03-15 17:04:47.247	12874	4.989836	0.023317	0.079744	0.000330	1189	8	1179	5	99.2	0.6	171	96	690	1.8E-08
Z6412 (Copy 11)	2022-03-15 17:23:19.153	12874	4.956746	0.022303	0.079079	0.000323	1172	8	1185	5	101.1	0.6	169	98	446	2.8E-07
Z6412 (Copy 12)	2022-03-15 17:42:36.475	12874	5.028530	0.024429	0.078656	0.000323	1161	8	1170	5	100.7	0.6	173	101	471	1.1E-07
Z6412 (Copy 13)	2022-03-15 18:01:12.717	12874	5.033979	0.024755	0.078878	0.000340	1168	8	1169	5	100.1	0.6	179	99	490	1.0E-08
Z6412 (Copy 14)	2022-03-15 18:19:50.186	12874	4.985054	0.025974	0.078321	0.000344	1154	9	1179	5	102.2	0.6	178	98	481	1.7E-07
Z6412 (Copy 15)	2022-03-15 18:38:29.410	12874	4.991537	0.028002	0.078505	0.000332	1158	8	1178	6	101.8	0.6	175	101	468	3.6E-07
Z6412 (Copy 16)	2022-03-15 18:57:07.153	12874	4.993671	0.029054	0.078216	0.000353	1150	9	1178	6	102.5	0.6	173	100	474	3.1E-07
Z6412 (Copy 17)	2022-03-15 19:15:44.245	12874	4.973638	0.028250	0.078421	0.000342	1155	9	1183	6	102.4	0.6	174	101	478	-3.9E-08
Z6412 (Copy 18)	2022-03-15 19:26:13.472	12874	5.010432	0.029919	0.078944	0.000329	1170	8	1175	6	100.5	0.6	170	98	461	-2.7E-07
Z6412 (Copy 6)	2022-03-15 15:51:25.561	12874	5.066172	0.021313	0.078410	0.000324	1155	8	1162	4	100.6	0.6	165	92	458	9.1E-08
Z6412 (Copy 7)	2022-03-15 16:09:57.281	12874	4.979889	0.021190	0.078894	0.000309	1168	8	1181	5	101.0	0.6	162	94	438	3.3E-07
Z6412 (Copy 8)	2022-03-15 16:28:28.666	12874	5.023745	0.021354	0.078413	0.000310	1155	8	1171	5	101.4	0.6	160	95	438	-1.3E-08
Z6412 (Copy 9)	2022-03-15 16:46:15.842	12874	5.019226	0.022571	0.078651	0.000304	1161	8	1172	5	100.9	0.6	168	96	446	-2.7E-07
64121	2022-09-20 12:30:49.170	13146	5.096865	0.045124	0.078912	0.000391	1168	10	1156	9	99.0	0.4	182	82	494	1.42023E-07
64122	2022-09-20 12:57:31.956	13146	5.071761	0.046308	0.078515	0.000435	1157	11	1163	10	100.5	0.4	181	81	505	-1.30711E-08
64123	2022-09-20 13:01:34.907	13146	5.111249	0.035212	0.078979	0.000420	1169	11	1154	7	98.7	0.4	179	79	491	1.94532E-07
64124	2022-09-20 13:40:55.751	13146	5.100141	0.042362	0.088486	0.000414	1391	9	1156	9	83.1	0.4	187	83	694	6.76071E-07
64121	2022-09-20 15:29:02.622	13147	5.119110	0.021281	0.078631	0.000346	1161	9	1151	4	99.1	0.4	182	81	504	1.71709E-07
64122	2022-09-20 15:55:46.473	13147	5.100284	0.021407	0.078775	0.000367	1164	9	1154	5	99.1	0.4	184	82	493	-1.07692E-07
64123	2022-09-20 16:18:06.148	13147	5.157896	0.016704	0.079040	0.000348	1172	9	1143	3	97.5	0.4	184	81	488	1.21434E-07
64124	2022-09-20 16:45:10.681	13147	5.234919	0.018712	0.078717	0.000323	1164	8	1126	3	96.8	0.4	182	78	435	-2.64579E-08
64121	2022-09-21 11:36:54.708	13149	5.112963	0.038188	0.079331	0.000323	1179	8	1153	8	97.8	0.5	174	80	472	4.64834E-08
64122	2022-09-21 12:02:59.856	13149	5.085305	0.029271	0.078570	0.000334	1160	8	1159	6	99.9	0.5	191	87	507	-2.6912E-07
64123	2022-09-21 12:29:02.519	13149	5.073964	0.026384	0.078945	0.000361	1169	9	1161	6	99.3	0.5	185	87	496	-1.40509E-08
64124	2022-09-21 12:55:02.546	13149	5.058770	0.023108	0.078676	0.000346	1162	9	1164	5	100.1	0.5	185	86	497	7.15905E-08
64121 (Copy 1)	2022-09-21 13:11:31.475	13149	5.008616	0.023936	0.078600	0.000337	1161	8	1174	5	101.1	0.5	197	89	509	-1.25725E-07
64121	2022-09-21 14:40:56.781	13150	5.080479	0.041941	0.079733	0.000330	1189	8	1161	9	97.7	0.5	175	80	480	2.09377E-07
64122	2022-09-21 15:23:48.420	13150	5.042500	0.042625	0.078894	0.000342	1168	9	1169	9	100.1	0.5	180	84	490	5.72875E-08
64123	2022-09-21 15:50:39.349	13150	5.124257	0.036583	0.079281	0.000331	1177	8	1151	7	97.8	0.5	184	84	500	4.12326E-07
64121 (Copy 1)	2022-09-21 15:01:59.475	13150	5.271835	0.040668	0.078669	0.000335	1162	8	1121	8	96.5	0.4	226	97	576	1.61951E-07
64121 (Copy 1)	2022-09-21 16:21:08.813	13150	5.137352	0.033378	0.079181	0.000326	1175	8	1148	7	97.7	0.5	199	91	515	-9.65654E-08
64121 (Copy 1)	2022-09-21 16:47:37.577	13150	5.095515	0.032152	0.078979	0.000320	1170	8	1157	7	98.9	0.5	174	79	463	-1.56151E-07
6412	2022-10-07 13:50:24.058	13223	5.158027	0.018745	0.078879	0.000322	1168	8	1143	4	97.8	0.5	149	70	398	9.30627E-08
6412 (Copy 2)	2022-10-07 14:09:33.075	13223	5.096612	0.019294	0.078565	0.000320	1161	8	1155	4	99.5	0.5	146	69	391	5.78912E-08
6412 (Copy 4)	2022-10-07 14:28:42.065	13223	5.037076	0.019504	0.078839	0.000333	1166	8	1167	4	100.1	0.5	141	68	386	-5.24812E-09
6412 (Copy 9)	2022-10-07 14:47:50.845	13223	5.115628	0.018408	0.078574	0.000315	1160	8	1151	4	99.3	0.5	142	67	382	8.28039E-07
6412	2022-10-07 15:35:55.744	13224	5.052764	0.029924	0.078861	0.000335	1167	8	1165	6	99.8	0.5	135	65	369	-1.99964E-07
6412 (Copy 2)	2022-10-07 15:55:02.769	13224	5.104469	0.029753	0.078831	0.000368	1166	9	1155	6	99.0	0.5	140	67	380	1.43119E-07
6412 (Copy 4)	2022-10-07 16:14:09.792	13224	5.102877	0.030341	0.078288	0.000316	1152	8	1154	6	100.2	0.5	139	66	378	-3.11287E-07
6412 (Copy 9)	2022-10-07 16:33:17.504	13224	5.089131	0.028104	0.078411	0.000379	1156	9	1158	6	100.1	0.5	138	66	377	1.60511E-07
6412	2022-10-10 13:08:39.946	13227	5.128478	0.035206	0.079032	0.000271	1171	7	1150	7	98.2	0.4	175	78	468	3.78683E-07

6412 (Copy 1)	2022-10-10 13:27:26.616	13227	5.113134	0.034469	0.078807	0.000302	1167	7	1152	7	98.8	0.5	183	84	494	9.6403E-08
6412 (Copy 2)	2022-10-10 13:46:14.323	13227	5.125257	0.035941	0.078906	0.000271	1168	7	1151	7	98.5	0.5	185	86	495	6.10877E-07
6412 (Copy 4)	2022-10-10 14:09:56.242	13227	5.101626	0.035331	0.078797	0.000263	1166	7	1156	7	99.2	0.5	215	101	569	-3.52522E-07
6412	2022-10-10 15:27:27.749	13229	5.114953	0.032675	0.079011	0.000292	1171	7	1152	7	98.4	0.5	154	74	422	4.3493E-07
6412 (Copy 1)	2022-10-10 15:46:14.301	13229	5.136058	0.039838	0.078673	0.000306	1162	8	1148	8	98.8	0.5	148	72	404	4.53878E-07
6412 (Copy 2)	2022-10-10 16:05:00.124	13229	5.089312	0.028706	0.079139	0.000265	1174	7	1157	6	98.5	0.5	157	74	432	7.36028E-07
6412 (Copy 4)	2022-10-10 16:28:39.962	13229	5.131891	0.032949	0.078233	0.000302	1151	8	1149	7	99.8	0.5	150	72	407	2.04863E-07
6412	2022-10-12 11:50:59.793	13234	5.095662	0.045655	0.078759	0.000269	1165	7	1157	10	99.4	0.5	202	96	551	-2.58877E-08
6412 (Copy 1)	2022-10-12 12:09:24.907	13234	5.093193	0.039093	0.078798	0.000237	1166	6	1158	8	99.3	0.5	207	94	559	-5.72359E-08
6412 (Copy 3)	2022-10-12 12:51:09.450	13234	5.102499	0.033520	0.078558	0.000243	1160	6	1155	7	99.6	0.5	198	93	530	6.92715E-07
6412 (Copy 3) (Copy 1)	2022-10-12 12:32:42.994	13234	5.131749	0.039214	0.078933	0.000278	1169	7	1150	8	98.3	0.5	210	95	573	3.27949E-07
6412	2022-10-12 13:18:21.135	13235	5.070057	0.036387	0.078950	0.000249	1169	6	1162	8	99.4	0.4	192	86	515	1.02916E-07
6412 (Copy 1)	2022-10-12 14:00:13.415	13235	5.137321	0.041720	0.078883	0.000361	1168	9	1148	9	98.3	0.5	177	83	482	2.18181E-07
6412 (Copy 3)	2022-10-12 13:36:56.354	13235	5.109092	0.038432	0.078874	0.000288	1168	7	1154	8	98.8	0.5	195	95	535	2.60956E-07
6412 (Copy 4)	2022-10-12 14:18:41.867	13235	5.116091	0.033177	0.079040	0.000315	1172	8	1152	7	98.3	0.5	181	88	498	2.08738E-07
6412	2022-10-12 15:19:37.179	13236	5.163253	0.063686	0.079344	0.000377	1179	9	1141	14	96.7	0.4	221	90	556	3.28255E-07
6412 (Copy 1)	2022-10-12 16:01:21.356	13236	5.160760	0.047055	0.079052	0.000312	1172	8	1144	9	97.6	0.4	208	89	535	-1.74899E-07
6412 (Copy 3)	2022-10-12 15:38:15.148	13236	5.053917	0.043924	0.078972	0.000387	1170	10	1165	9	99.6	0.5	162	80	460	2.98997E-07
6412 (Copy 4)	2022-10-12 16:19:49.189	13236	5.121434	0.038271	0.078791	0.000307	1165	8	1150	8	98.7	0.4	171	74	437	5.66561E-07
6412-1	2022-10-24 12:52:15.999	13253	5.120823	0.043829	0.078675	0.000364	1162	9	1150	8	98.9	0.5	131	60	346	2.90206E-08
6412-2	2022-10-24 13:10:56.073	13253	5.018213	0.034164	0.078578	0.000379	1160	10	1173	7	101.2	0.5	128	60	344	7.05219E-07
6412-3	2022-10-24 13:35:09.305	13253	5.052159	0.035428	0.078439	0.000371	1157	9	1165	7	100.7	0.5	125	59	334	6.13368E-07
6412-4	2022-10-24 13:53:10.305	13253	5.038905	0.036222	0.078476	0.000359	1157	9	1169	8	101.0	0.5	121	58	326	-5.65116E-08
6412-1	2022-10-24 14:48:21.177	13254	5.025246	0.039070	0.078727	0.000436	1163	11	1172	8	100.8	0.4	85	34	196	-1.65544E-07
6412-2	2022-10-24 15:31:11.277	13254	5.007598	0.031807	0.078830	0.000370	1167	9	1175	7	100.7	0.4	115	50	300	6.3437E-07
6412-3	2022-10-24 15:07:00.484	13254	5.059582	0.031929	0.079104	0.000369	1174	9	1163	7	99.1	0.5	123	56	323	1.13167E-07
6412-4	2022-10-24 15:50:31.927	13254	5.026688	0.032545	0.078474	0.000363	1157	9	1171	7	101.2	0.5	109	49	278	4.2208E-07
6412-1	2022-10-25 12:46:43.692	13260	5.047545	0.026919	0.078663	0.000385	1163	10	1166	6	100.3	0.4	124	48	285	1.71087E-07
6412-2	2022-10-25 12:05:06.995	13260	5.122715	0.037867	0.078975	0.000398	1170	10	1150	8	98.3	0.4	148	63	373	4.36783E-07
6412-3	2022-10-25 11:46:40.564	13260	5.073034	0.029276	0.078450	0.000359	1156	9	1160	6	100.3	0.4	143	64	364	2.90553E-07
6412-4	2022-10-25 12:28:18.907	13260	5.071641	0.024380	0.078338	0.000335	1154	8	1161	5	100.6	0.4	134	58	330	-1.4418E-07
6412-1	2022-10-25 14:35:23.335	13261	5.053699	0.023397	0.078364	0.000433	1154	11	1164	5	100.9	0.4	145	63	367	8.42944E-07
6412-2	2022-10-25 13:53:38.246	13261	5.073011	0.024975	0.079172	0.000418	1175	10	1161	5	98.8	0.4	118	47	273	3.23229E-08
6412-3	2022-10-25 13:35:11.640	13261	5.063353	0.026958	0.078459	0.000367	1157	9	1162	6	100.5	0.4	122	48	276	-6.78964E-08
6412-4	2022-10-25 14:16:52.753	13261	5.098773	0.022774	0.078573	0.000340	1160	9	1155	5	99.6	0.4	134	58	333	3.87481E-07
6412-1	2022-10-25 16:50:29.651	13262	5.105029	0.034750	0.078635	0.000370	1161	9	1155	7	99.4	0.4	132	57	332	-1.52885E-07
6412-2	2022-10-25 16:08:34.994	13262	5.049771	0.032895	0.078121	0.000347	1149	9	1166	7	101.5	0.4	117	46	275	-1.39028E-07
6412-3	2022-10-25 15:50:01.003	13262	5.067875	0.034059	0.078539	0.000354	1159	9	1162	7	100.3	0.4	120	48	283	-6.21522E-08
6412-4	2022-10-25 16:31:56.316	13262	5.069945	0.032230	0.078411	0.000378	1155	10	1162	7	100.6	0.4	119	47	277	2.96495E-07
6412-1	2022-10-25 18:13:59.911	13263	5.052532	0.028556	0.078546	0.000271	1159	7	1165	6	100.5	0.5	168	76	447	-2.51911E-07
6412-2	2022-10-25 17:32:06.558	13263	5.057387	0.029485	0.078206	0.000295	1150	8	1163	6	101.1	0.4	175	76	460	-4.79952E-08
6412-3	2022-10-25 17:13:34.721	13263	5.069855	0.035336	0.078474	0.000303	1157	8	1161	7	100.4	0.4	160	71	416	-3.36487E-07
6412-4	2022-10-25 17:55:27.619	13263	5.075129	0.028777	0.078978	0.000310	1170	8	1160	6	99.1	0.5	167	77	438	-3.38883E-07
6412	2022-11-21 13:34:04.946	13279	5.064438	0.017267	0.078508	0.000342	1158	9	1162	4	100.3	0.5	204	110	529	-5.96498E-07
6412 (Copy 1)	2022-11-21 12:51:36.807	13279	5.030613	0.029996	0.078548	0.000405	1159	10	1169	6	100.9	0.5	212	108	536	-5.81647E-07
6412 (Copy 1) (Copy 1)	2022-11-21 13:10:25.933	13279	5.064788	0.019561	0.078584	0.000298	1160	7	1162	4	100.2	0.5	202	111	542	6.69539E-07
6412 (Copy 1) (Copy 1) (Copy 1)	2022-11-21 13:52:56.355	13279	5.122283	0.019375	0.077972	0.000406	1145	10	1149	4	100.4	0.5	208	112	547	2.19064E-07
6412	2022-11-21 15:06:02.208	13280	5.050691	0.014185	0.078334	0.000335	1154	8	1165	3	101.0	0.5	187	103	501	1.82131E-07
6412 (Copy 1)	2022-11-21 14:23:30.010	13280	5.063848	0.016708	0.078812	0.000280	1166	7	1161	3	99.6	0.5	229	121	585	3.54632E-07
6412 (Copy 1) (Copy 1)	2022-11-21 14:42:18.398	13280	5.071022	0.012920	0.078779	0.000302	1165	8	1160	3	99.6	0.5	209	112	547	-1.97016E-07
6412 (Copy 1) (Copy 1) (Copy 1)	2022-11-21 15:24:48.523	13280	5.079543	0.014362	0.078569	0.000311	1160	8	1159	3	99.9	0.5	181	92	468	-7.8805E-08
z_Kara																
KARA_1	2022-09-20 12:31:31.486	13146	1.960438	0.018812	0.179461	0.000644	2647	6	2661	22	100.6	0.4	105	46	684	1.7663E-07
KARA_2	2022-09-20 12:58:14.101	13146	1.963644	0.022855	0.178382	0.000661	2637	6	2663	25	101.0	0.4	70	28	426	-6.6467E-08
KARA_3	2022-09-20 13:20:20.522	13146	1.932146	0.018407	0.179529	0.000634	2647	6	2695	21	101.8	0.5	89	45	619	-7.27839E-08
KARA_4	2022-09-20 13:41:38.185	13146	2.381300	0.042222	0.182002	0.000838	2670	8	2281	35	85.4	0.8	128	102	1167	3.39731E-07
KARA_1	2022-09-20 15:29:44.822	13147	2.012638	0.011918	0.179776	0.000538	2650	5	2601	12	98.2	0.4	88	36	531	8.8196E-08
KARA_2	2022-09-20 15:56:28.713	13147	1.973713	0.012373	0.179959	0.000659	2651	6	2644	14	99.7	0.4	78	32	495	-1.27867E-07
KARA_3	2022-09-20 16:18:48.551	13147	1.985365	0.008818	0.179846	0.000553	2650	5	2630	10	99.2	0.4	86	34	512	2.662E-07
KARA_4	2022-09-20 16:45:52.789	13147	1.975604	0.011067	0.179298	0.000664	2645	6	2641	12	99.8	0.4	82	35	509	-4.80801E-08
KARA_1	2022-09-21 11:37:35.980	13149	1.939570	0.018249	0.183959	0.000717	2688	6	2682	20	99.8	0.6	234	141	2118	5.93265E-07
KARA_1 (Copy 1)	2022-09-21 13:12:54.391	13149	1.999856	0.012983	0.182981	0.000713	2680	7	2617	14	97.7	0.5	214	106	1489	5.15639E-07
KARA_2	2022-09-21 12:03:42.506	13149	1.913556	0.015623	0.179239	0.000621	2645	6	2715	18	102.7	0.4	85	31	447	2.70488E-07

KARA_3	2022-09-21 12:29:44.575	13149	2.046837	0.043988	0.178872	0.000748	2641	7	2582	42	97.8	0.3	205	51	663	7.49788E-07
KARA_4	2022-09-21 12:55:45.152	13149	1.915325	0.011472	0.180261	0.000579	2654	5	2711	13	102.1	0.4	112	49	709	8.57146E-08
KARA_1	2022-09-21 14:41:38.981	13150	1.985709	0.013621	0.180088	0.000515	2653	5	2633	15	99.2	0.5	141	64	880	1.33648E-07
KARA_1 (Copy 1)	2022-09-21 15:02:41.920	13150	2.078019	0.015311	0.180314	0.000588	2655	5	2533	15	95.4	0.5	157	80	1086	-1.41564E-07
KARA_1 (Copy 1)	2022-09-21 16:21:51.035	13150	1.940104	0.013083	0.179914	0.000464	2651	4	2679	15	101.1	0.6	130	79	1084	4.37559E-08
KARA_1 (Copy 1)	2022-09-21 16:48:19.781	13150	2.052949	0.015192	0.178903	0.000620	2642	6	2562	16	97.0	0.4	93	40	502	1.29085E-07
KARA_2	2022-09-21 15:24:30.971	13150	1.913557	0.017146	0.179301	0.000594	2645	6	2713	19	102.6	0.4	57	23	321	-5.79438E-08
KARA_3	2022-09-21 15:51:21.555	13150	1.939927	0.017080	0.179623	0.000688	2648	6	2683	20	101.3	0.4	49	18	254	-2.64806E-07
Kara	2022-10-07 13:52:24.782	13223	1.976171	0.012230	0.178947	0.000496	2642	5	2642	14	100.0	0.5	76	41	525	-5.64459E-08
Kara (Copy 2)	2022-10-07 14:11:33.930	13223	1.955645	0.013478	0.178370	0.000519	2637	5	2666	15	101.1	0.6	81	46	589	-2.70937E-07
Kara (Copy 4)	2022-10-07 14:30:42.766	13223	1.988272	0.011106	0.179062	0.000401	2643	4	2629	12	99.4	0.6	101	63	828	5.26583E-07
Kara (Copy 9)	2022-10-07 14:49:51.259	13223	1.939720	0.011569	0.178443	0.000409	2638	4	2683	13	101.7	0.7	102	68	917	-1.70573E-07
Kara	2022-10-07 15:37:56.443	13224	1.987982	0.015436	0.178624	0.000510	2639	5	2631	17	99.7	0.5	67	33	417	1.12297E-08
Kara (Copy 2)	2022-10-07 15:57:03.290	13224	1.955571	0.019506	0.177926	0.000625	2633	6	2662	20	101.1	0.4	46	18	242	-1.28394E-07
Kara (Copy 4)	2022-10-07 16:16:10.331	13224	1.988926	0.017654	0.178613	0.000557	2639	5	2631	19	99.7	0.5	59	29	375	2.02418E-07
Kara (Copy 9)	2022-10-07 16:35:23.336	13224	2.018623	0.020008	0.178293	0.000549	2636	5	2596	21	98.5	0.7	105	70	898	4.95719E-07
Kara	2022-10-10 13:10:02.196	13227	1.921326	0.018817	0.178786	0.000501	2641	5	2706	22	102.5	0.4	53	21	305	1.68917E-07
Kara (Copy 1)	2022-10-10 13:28:49.285	13227	1.978608	0.020669	0.178421	0.000492	2637	5	2642	23	100.2	0.4	59	24	341	4.77204E-07
Kara (Copy 3)	2022-10-10 13:47:36.551	13227	1.991362	0.017126	0.178932	0.000529	2642	5	2628	19	99.5	0.5	70	32	433	9.22743E-07
Kara (Copy 4)	2022-10-10 14:11:18.761	13227	1.985691	0.021725	0.178076	0.000545	2634	5	2638	24	100.1	0.4	53	22	295	-3.34371E-07
Kara	2022-10-10 15:28:50.128	13229	1.981981	0.013938	0.178447	0.000358	2638	3	2636	15	100.0	0.5	104	48	631	5.5337E-07
Kara (Copy 1)	2022-10-10 15:47:39.260	13229	2.223909	0.033218	0.176218	0.000646	2617	6	2398	29	91.6	0.3	204	68	815	8.16786E-07
Kara (Copy 3)	2022-10-10 16:06:23.191	13229	2.028594	0.019954	0.181038	0.000451	2662	4	2587	21	97.2	0.3	179	55	762	9.83115E-07
Kara (Copy 4)	2022-10-10 16:30:04.131	13229	2.013339	0.021610	0.177618	0.000519	2630	5	2605	23	99.1	0.5	68	31	404	4.31047E-07
Kara	2022-10-12 11:52:21.199	13234	1.976134	0.017335	0.179525	0.000334	2648	3	2643	19	99.8	0.4	160	68	921	4.1065E-07
Kara (Copy 1)	2022-10-12 12:10:47.480	13234	1.977193	0.015579	0.179092	0.000363	2644	3	2643	17	100.0	0.6	95	60	857	4.00476E-07
Kara (Copy 3)	2022-10-12 12:52:31.542	13234	2.002019	0.018021	0.178199	0.000362	2635	3	2616	19	99.3	0.7	111	80	1080	4.64277E-07
Kara (Copy 3) (Copy 1)	2022-10-12 12:34:02.983	13234	1.989250	0.014215	0.179000	0.000357	2643	3	2626	15	99.4	0.4	116	42	607	2.96546E-07
Kara	2022-10-12 13:19:43.730	13235	1.995856	0.014304	0.179099	0.000333	2644	3	2618	15	99.0	0.7	120	85	1129	4.17285E-08
Kara (Copy 1)	2022-10-12 14:01:28.388	13235	1.995089	0.013058	0.179044	0.000346	2643	3	2622	14	99.2	0.4	93	41	596	-1.86387E-07
Kara (Copy 3)	2022-10-12 13:38:12.441	13235	1.941673	0.013769	0.178890	0.000388	2642	4	2682	16	101.5	0.5	80	43	603	-2.28901E-07
Kara (Copy 4)	2022-10-12 14:19:56.482	13235	2.024208	0.014414	0.178763	0.000359	2641	3	2592	15	98.1	0.7	89	58	755	-2.68012E-07
Kara	2022-10-12 15:21:00.337	13236	1.988867	0.012538	0.178472	0.000436	2638	4	2627	13	99.6	0.4	52	22	283	-2.66132E-07
Kara (Copy 1)	2022-10-12 16:02:47.565	13236	1.970155	0.013712	0.178090	0.000484	2634	5	2649	15	100.6	0.5	66	34	434	2.93317E-07
Kara (Copy 3)	2022-10-12 15:39:29.629	13236	1.995504	0.014551	0.178090	0.000382	2634	4	2622	16	99.5	0.5	76	38	504	-1.85532E-07
Kara (Copy 4)	2022-10-12 16:21:11.725	13236	2.025509	0.013905	0.177500	0.000407	2629	4	2589	15	98.5	0.5	73	34	453	2.18751E-07
Kara-1	2022-10-24 12:53:38.881	13253	1.977561	0.018637	0.178645	0.000554	2639	5	2642	21	100.1	0.4	61	24	375	-1.11716E-07
Kara-2	2022-10-24 13:12:19.288	13253	1.977579	0.018903	0.178833	0.000541	2641	5	2644	21	100.1	0.4	63	26	386	-5.79005E-08
Kara-3	2022-10-24 13:36:31.522	13253	1.978255	0.028475	0.178993	0.000642	2643	6	2644	31	100.0	0.4	135	54	822	3.36573E-07
Kara-4	2022-10-24 13:54:40.454	13253	1.988560	0.015580	0.178096	0.000498	2634	5	2628	17	99.8	0.5	139	65	907	3.63313E-07
Kara-1	2022-10-24 14:49:44.173	13254	1.957202	0.015484	0.179155	0.000439	2644	4	2665	17	100.8	0.6	92	53	774	-1.78946E-07
Kara-2	2022-10-24 15:32:34.137	13254	2.006544	0.016383	0.180582	0.000389	2657	4	2612	18	98.3	0.6	232	133	1973	9.69657E-08
Kara-3	2022-10-24 15:08:23.500	13254	1.963619	0.013427	0.178860	0.000357	2641	3	2657	15	100.6	0.5	103	52	754	-4.19719E-08
Kara-4	2022-10-24 15:51:54.875	13254	1.983387	0.010965	0.178498	0.000406	2638	4	2634	12	99.8	0.5	97	53	748	6.48548E-08
Kara-1	2022-10-25 12:48:10.590	13260	1.960931	0.026889	0.180516	0.000661	2657	6	2660	30	100.1	0.3	139	48	702	4.93106E-07
Kara-2	2022-10-25 12:06:35.845	13260	1.983213	0.014758	0.179007	0.000382	2643	4	2634	16	99.7	0.4	129	53	758	-2.35138E-07
Kara-3	2022-10-25 11:48:02.191	13260	1.989970	0.020250	0.178446	0.000576	2637	5	2631	22	99.8	0.4	53	19	273	1.81557E-07
Kara-4	2022-10-25 12:29:44.899	13260	1.968686	0.017076	0.178314	0.000480	2636	4	2651	19	100.6	0.6	108	64	929	2.74185E-07
Kara-1	2022-10-25 14:36:43.739	13261	1.995373	0.009053	0.179940	0.000387	2651	4	2620	10	98.8	0.6	146	86	1279	3.74254E-07
Kara-2	2022-10-25 13:55:01.336	13261	1.991796	0.012856	0.179827	0.000443	2650	4	2625	14	99.0	0.6	150	90	1323	-1.82093E-07
Kara-3	2022-10-25 13:36:33.580	13261	2.048517	0.021420	0.178580	0.000563	2640	6	2566	22	97.2	0.4	147	52	787	3.16635E-07
Kara-4	2022-10-25 14:18:16.573	13261	1.965997	0.015990	0.178811	0.000578	2641	5	2654	18	100.5	0.4	87	35	520	-2.58611E-07
Kara-1	2022-10-25 16:51:51.278	13262	1.989296	0.019489	0.180302	0.000517	2655	5	2630	21	99.1	0.6	126	77	1198	2.36756E-07
Kara-2	2022-10-25 16:09:58.163	13262	1.968458	0.019080	0.179137	0.000502	2644	5	2654	21	100.4	0.6	98	54	829	5.42614E-07
Kara-3	2022-10-25 15:51:26.371	13262	1.971507	0.018294	0.178659	0.000423	2640	4	2650	21	100.4	0.6	98	58	842	-1.47903E-07
Kara-4	2022-10-25 16:33:20.155	13262	1.982832	0.017154	0.179077	0.000538	2643	5	2637	19	99.8	0.6	97	56	820	-3.8935E-08
Kara-1	2022-10-25 18:15:22.991	13263	1.965447	0.015988	0.179448	0.000429	2647	4	2655	18	100.3	0.5	120	62	972	-1.53964E-07
Kara-2	2022-10-25 17:33:29.725	13263	1.986024	0.013772	0.179545	0.000425	2648	4	2632	15	99.4	0.5	146	78	1231	-1.06087E-07
Kara-3	2022-10-25 17:14:57.715	13263	1.972196	0.015735	0.178860	0.000463	2642	4	2648	17	100.2	0.6	105	63	926	3.42319E-07
Kara-4	2022-10-25 17:56:50.465	13263	1.988427	0.021577	0.178932	0.000626	2643	6	2633	23	99.6	0.4	44	16	233	2.21744E-07
Kara	2022-11-21 13:35:27.989	13279	1.953445	0.008725	0.177791	0.000419	2631	4	2665	10	101.3	0.6	87	49	594	3.91667E-07
Kara (Copy 1)	2022-11-21 12:53:01.315	13279	1.953231	0.010445	0.178468	0.000393	2638	4	2667	12	101.1	0.6	99	63	748	5.41151E-07
Kara (Copy 1) (Copy 1)	2022-11-21 13:11:46.585	13279	1.967032	0.010169	0.178425	0.000440	2637	4	2651	11	100.5	0.5	100	51	648	-5.45313E-09
Kara (Copy 1) (Copy 1) (Copy 1)	2022-11-21 13:54:13.694	13279	1.956052	0.008318	0.177469	0.000414	2628	4	2663	9	101.3	0.5	101	53	677	3.60516E-08

Kara	2022-11-21 15:07:23.609	13280	1.970497	0.008422	0.178109	0.000475	2634	4	2647	9	100.5	0.5	114	58	708	2.26461E-07
Kara (Copy 1)	2022-11-21 14:24:52.316	13280	1.938332	0.006935	0.178071	0.000389	2634	4	2681	8	101.8	0.5	117	59	722	2.16396E-07
Kara (Copy 1) (Copy 1)	2022-11-21 14:43:39.795	13280	1.975221	0.008738	0.178557	0.000499	2639	5	2641	10	100.1	0.5	129	67	815	3.13426E-07
Kara (Copy 1) (Copy 1) (Copy 1)	2022-11-21 15:26:11.613	13280	1.941846	0.008778	0.178487	0.000438	2638	4	2679	10	101.6	0.5	102	46	614	2.1317E-07
z_Sjona																
SJONA_1	2022-09-20 12:32:11.663	13146	3.376673	0.028494	0.112456	0.001441	1832	21	1674	12	91.4	0.4	102	41	363	4.41531E-07
SJONA_2	2022-09-20 12:58:54.299	13146	3.190803	0.026285	0.110510	0.000494	1806	8	1760	13	97.4	0.5	123	61	535	6.66598E-08
SJONA_3	2022-09-20 13:21:00.634	13146	3.293972	0.022201	0.109582	0.000521	1791	9	1709	10	95.4	0.5	120	59	496	-2.7392E-08
SJONA_4	2022-09-20 13:42:18.281	13146	3.463153	0.033526	0.109511	0.000451	1790	7	1638	14	91.6	0.5	244	125	1146	-1.36437E-07
SJONA_1	2022-09-20 15:30:24.916	13147	3.266696	0.014232	0.110387	0.000355	1805	6	1722	7	95.4	0.5	157	78	676	8.3159E-08
SJONA_2	2022-09-20 15:57:08.973	13147	3.417612	0.014642	0.109707	0.000348	1793	6	1655	6	92.3	0.5	206	105	914	1.33359E-07
SJONA_3	2022-09-20 16:19:28.758	13147	3.373498	0.011057	0.110492	0.000484	1807	8	1674	5	92.6	0.5	205	107	937	2.76202E-07
SJONA_4	2022-09-20 16:46:32.927	13147	3.099494	0.008690	0.109875	0.000347	1796	6	1803	4	100.4	0.5	206	110	929	-1.49863E-07
SJONA_1	2022-09-21 11:38:16.190	13149	3.298887	0.020693	0.111902	0.000483	1829	8	1709	9	93.4	0.6	94	53	422	6.47173E-08
SJONA_1 (Copy 1)	2022-09-21 13:13:34.575	13149	3.167108	0.012164	0.109966	0.000388	1797	6	1770	6	98.5	0.5	174	95	806	-2.92412E-08
SJONA_2	2022-09-21 12:04:22.741	13149	3.185910	0.016746	0.111579	0.000398	1824	6	1761	8	96.6	0.6	122	70	624	3.81063E-07
SJONA_3	2022-09-21 12:30:24.877	13149	3.256110	0.018881	0.110222	0.000513	1801	8	1728	9	95.9	0.4	85	34	307	-3.79553E-08
SJONA_4	2022-09-21 12:56:25.458	13149	3.294675	0.020237	0.111238	0.000578	1818	9	1711	9	94.1	0.4	77	30	265	1.60493E-07
SJONA_1	2022-09-21 14:42:19.180	13150	3.166106	0.020946	0.110052	0.000380	1799	6	1771	10	98.4	0.5	185	101	866	-6.84162E-08
SJONA_1 (Copy 1)	2022-09-21 15:03:22.063	13150	3.338096	0.019463	0.109686	0.000394	1793	7	1691	9	94.3	0.6	187	105	870	-6.09177E-08
SJONA_1 (Copy 1)	2022-09-21 16:22:31.202	13150	3.156278	0.017914	0.110301	0.000351	1804	6	1775	9	98.4	0.6	179	102	850	-1.40117E-07
SJONA_1 (Copy 1)	2022-09-21 16:48:59.928	13150	3.183538	0.013466	0.109898	0.000403	1796	7	1761	7	98.0	0.5	168	90	691	1.51447E-07
SJONA_2	2022-09-21 15:25:11.190	13150	3.176695	0.020020	0.110274	0.000436	1802	7	1766	10	98.0	0.6	145	83	707	-1.09765E-08
SJONA_3	2022-09-21 15:52:01.660	13150	3.188445	0.018919	0.110797	0.000480	1812	8	1760	9	97.2	0.5	96	47	404	-1.58215E-07
Sjona	2022-10-07 13:51:44.588	13223	3.145870	0.012596	0.110343	0.000401	1804	6	1779	6	98.6	0.6	113	70	591	-5.3213E-07
Sjona (Copy 2)	2022-10-07 14:10:53.475	13223	3.172106	0.011883	0.109880	0.000321	1796	5	1767	6	98.4	0.6	123	77	626	-3.86805E-07
Sjona (Copy 4)	2022-10-07 14:30:02.571	13223	3.265314	0.012482	0.110760	0.000427	1810	7	1722	6	95.1	0.6	115	68	565	-1.0886E-07
Sjona (Copy 9)	2022-10-07 14:49:11.167	13223	3.372720	0.010738	0.109462	0.000332	1789	6	1674	5	93.6	0.5	164	88	708	-7.89616E-10
Sjona	2022-10-07 15:37:16.127	13224	3.189764	0.024265	0.110169	0.000412	1801	7	1760	11	97.7	0.6	94	59	482	-6.14996E-07
Sjona (Copy 2)	2022-10-07 15:56:23.178	13224	3.145867	0.020211	0.110493	0.000347	1806	6	1781	10	98.6	0.6	113	70	590	-1.11641E-06
Sjona (Copy 4)	2022-10-07 16:15:30.184	13224	3.211953	0.019245	0.110109	0.000329	1800	5	1749	9	97.2	0.6	98	57	464	-3.31644E-07
Sjona (Copy 9)	2022-10-07 16:34:37.842	13224	3.257309	0.019486	0.109862	0.000393	1796	7	1728	9	96.2	0.6	100	61	507	-1.54179E-07
Sjona	2022-10-10 13:09:22.002	13227	3.233808	0.025916	0.110044	0.000401	1799	7	1740	12	96.8	0.6	88	56	439	-2.93384E-07
Sjona (Copy 2)	2022-10-10 13:28:08.913	13227	3.208836	0.025598	0.110479	0.000310	1806	5	1751	13	96.9	0.6	130	78	674	1.82902E-07
Sjona (Copy 3)	2022-10-10 13:46:56.413	13227	3.269364	0.028105	0.110694	0.000374	1810	6	1724	13	95.3	0.6	105	63	531	2.1903E-07
Sjona (Copy 4)	2022-10-10 14:10:38.451	13227	3.209826	0.025127	0.110544	0.000337	1807	6	1750	12	96.8	0.6	125	76	644	1.85046E-08
Sjona	2022-10-10 15:28:09.900	13229	3.206783	0.021293	0.109748	0.000354	1795	6	1752	10	97.6	0.6	103	59	483	4.14026E-07
Sjona (Copy 2)	2022-10-10 15:46:56.396	13229	3.238169	0.019688	0.110120	0.000322	1800	5	1736	9	96.4	0.6	101	57	455	-2.47812E-07
Sjona (Copy 3)	2022-10-10 16:05:43.463	13229	3.144529	0.021266	0.110245	0.000376	1802	6	1782	11	98.9	0.6	123	76	653	2.74414E-07
Sjona (Copy 4)	2022-10-10 16:29:21.899	13229	3.220127	0.020606	0.109723	0.000341	1794	6	1746	10	97.3	0.6	103	60	493	4.80728E-07
Sjona	2022-10-12 11:51:37.873	13234	3.259328	0.022117	0.109930	0.000315	1797	5	1727	10	96.1	0.6	108	64	540	5.17466E-07
Sjona (Copy 2)	2022-10-12 12:10:11.118	13234	3.251991	0.025676	0.110026	0.000304	1799	5	1730	12	96.2	0.7	195	136	1154	9.5067E-08
Sjona (Copy 3)	2022-10-12 12:51:51.432	13234	3.354799	0.022936	0.109700	0.000239	1793	4	1683	10	93.8	0.5	203	107	870	2.72423E-07
Sjona (Copy 3) (Copy 1)	2022-10-12 12:33:22.832	13234	3.257915	0.022944	0.110730	0.000242	1811	4	1728	11	95.4	0.7	231	155	1379	2.92534E-07
Sjona	2022-10-12 13:19:03.497	13235	3.226987	0.029828	0.109899	0.000436	1796	7	1743	15	97.0	0.5	52	24	206	3.46628E-07
Sjona (Copy 2)	2022-10-12 14:00:55.669	13235	3.681649	0.028728	0.108977	0.000452	1781	8	1551	11	87.1	0.6	82	49	389	9.41174E-07
Sjona (Copy 3)	2022-10-12 13:37:32.257	13235	3.169469	0.024241	0.109702	0.000519	1793	9	1771	12	98.8	0.4	44	18	154	3.67247E-07
Sjona (Copy 4)	2022-10-12 14:19:16.246	13235	3.995134	0.028489	0.106605	0.000413	1741	7	1442	9	82.8	0.5	104	47	371	8.56375E-07
Sjona	2022-10-12 15:20:20.155	13236	3.305194	0.016877	0.110460	0.000361	1806	6	1705	8	94.4	0.6	115	71	585	6.97958E-07
Sjona (Copy 2)	2022-10-12 16:02:03.908	13236	4.634648	0.038540	0.105693	0.000389	1726	7	1261	9	73.1	0.5	149	68	502	7.5519E-07
Sjona (Copy 3)	2022-10-12 15:38:48.676	13236	3.222128	0.020097	0.110001	0.000367	1798	6	1743	9	96.9	0.6	105	64	534	8.08583E-07
Sjona (Copy 4)	2022-10-12 16:20:31.564	13236	3.237331	0.017379	0.110348	0.000339	1804	6	1735	8	96.2	0.6	99	62	512	4.18382E-07
Sjona-1	2022-10-24 12:52:58.623	13253	3.353845	0.015406	0.109888	0.000305	1796	5	1683	7	93.7	0.5	193	105	831	3.33256E-07
Sjona-2	2022-10-24 13:11:39.216	13253	3.272830	0.011999	0.109554	0.000291	1791	5	1719	6	96.0	0.5	186	100	798	1.4558E-07
Sjona-3	2022-10-24 13:35:51.537	13253	3.176583	0.020550	0.110005	0.000398	1798	7	1765	10	98.2	0.6	88	50	414	2.2471E-07
Sjona-4	2022-10-24 13:53:52.308	13253	3.202190	0.015661	0.109621	0.000383	1792	6	1753	8	97.9	0.6	90	51	416	6.63498E-07
Sjona-1	2022-10-24 14:49:04.004	13254	3.387457	0.014961	0.109485	0.000342	1790	6	1668	6	93.2	0.5	182	100	756	4.88663E-08
Sjona-2	2022-10-24 15:31:53.889	13254	3.439001	0.019125	0.113146	0.001072	1846	16	1647	8	89.2	0.5	187	98	803	1.5864E-06
Sjona-3	2022-10-24 15:07:42.994	13254	3.307480	0.019432	0.109596	0.000518	1791	9	1703	9	95.1	0.4	71	31	244	-3.28954E-08
Sjona-4	2022-10-24 15:51:14.448	13254	3.213938	0.017499	0.109553	0.000443	1790	7	1747	8	97.6	0.5	81	42	332	5.90064E-07
Sjona-1	2022-10-25 12:47:25.471	13260	3.526931	0.017125	0.109358	0.000283	1788	5	1610	7	90.1	0.5	217	113	874	-1.14583E-07
Sjona-2	2022-10-25 12:05:50.565	13260	3.585875	0.017251	0.109075	0.000278	1783	5	1587	7	89.0	0.5	277	145	1128	9.39676E-07
Sjona-3	2022-10-25 11:47:22.459	13260	3.199481	0.025404	0.110439	0.000512	1805	8	1755	12	97.2	0.6	94	57	468	5.28949E-07

Sjona-4	2022-10-25 12:29:02.223	13260	3.166790	0.021944	0.109563	0.000473	1791	8	1770	10	98.8	0.6	77	48	393	6.25131E-07
Sjona-1	2022-10-25 14:36:02.942	13261	3.205442	0.014111	0.109834	0.000406	1795	7	1751	7	97.5	0.5	96	48	426	4.56487E-07
Sjona-2	2022-10-25 13:54:21.750	13261	3.293761	0.023718	0.109781	0.000544	1794	9	1711	11	95.3	0.4	85	38	329	1.09079E-08
Sjona-3	2022-10-25 13:35:54.940	13261	3.164800	0.020920	0.109990	0.000469	1798	8	1769	10	98.4	0.5	58	31	259	-1.39133E-07
Sjona-4	2022-10-25 14:17:35.807	13261	3.164622	0.022358	0.109704	0.000503	1793	8	1772	11	98.8	0.4	59	23	198	5.47214E-07
Sjona-1	2022-10-25 16:51:11.679	13262	3.263292	0.021881	0.109714	0.000484	1793	8	1725	10	96.2	0.5	85	39	340	2.53104E-07
Sjona-2	2022-10-25 16:09:17.090	13262	3.166295	0.028220	0.109857	0.000557	1795	9	1773	14	98.8	0.4	56	20	179	-2.96427E-07
Sjona-3	2022-10-25 15:50:44.163	13262	3.156364	0.018328	0.110114	0.000303	1800	5	1776	9	98.6	0.5	165	89	809	1.4601E-08
Sjona-4	2022-10-25 16:32:39.877	13262	3.133669	0.020047	0.110182	0.000295	1801	5	1787	10	99.2	0.5	171	94	842	4.97138E-07
Sjona-1	2022-10-25 18:14:42.866	13263	4.090397	0.023457	0.107455	0.000486	1755	8	1411	7	80.4	0.4	134	58	484	6.60118E-07
Sjona-2	2022-10-25 17:32:49.561	13263	3.180487	0.021045	0.109858	0.000384	1796	6	1764	10	98.3	0.5	129	69	639	3.21522E-07
Sjona-3	2022-10-25 17:14:19.808	13263	3.156616	0.020227	0.110468	0.000384	1806	6	1776	10	98.3	0.6	122	71	618	2.39796E-07
Sjona-4	2022-10-25 17:56:14.962	13263	3.161522	0.018167	0.109966	0.000397	1798	7	1773	9	98.6	0.6	142	85	717	3.48534E-07
Sjona	2022-11-21 13:34:47.266	13279	3.394925	0.018058	0.108765	0.000391	1777	7	1666	8	93.7	0.6	113	68	529	3.11034E-07
Sjona (Copy 1)	2022-11-21 12:52:19.350	13279	3.224710	0.019774	0.109669	0.000317	1793	5	1743	9	97.2	0.6	117	71	557	2.9645E-07
Sjona (Copy 1) (Copy 1)	2022-11-21 13:11:06.355	13279	3.231780	0.019134	0.110236	0.000381	1802	6	1739	9	96.5	0.6	132	78	634	1.0948E-07
Sjona (Copy 1) (Copy 1) (Copy 1)	2022-11-21 13:53:33.518	13279	3.142807	0.013861	0.110109	0.000330	1800	5	1782	7	99.0	0.6	152	86	732	2.62827E-07
Sjona	2022-11-21 15:06:42.356	13280	3.286624	0.023969	0.109514	0.000563	1790	9	1714	11	95.7	0.6	87	52	424	-2.77234E-08
Sjona (Copy 1)	2022-11-21 14:24:12.124	13280	3.287757	0.020051	0.110084	0.000511	1800	8	1713	9	95.2	0.6	107	64	508	-5.77007E-08
Sjona (Copy 1) (Copy 1)	2022-11-21 14:42:59.618	13280	3.188086	0.017507	0.110272	0.000475	1803	8	1759	8	97.6	0.6	133	79	664	-2.62883E-08
Sjona (Copy 1) (Copy 1) (Copy 1)	2022-11-21 15:25:30.499	13280	3.167281	0.016201	0.110535	0.000469	1807	8	1770	8	97.9	0.5	126	69	602	8.5484E-09

Appendix 7: Lu–Hf samples

The table below shows the results from Lu–Hf analyses of the samples. Lines that are colored in gray are analyses with more than 10% discordance from the U–Pb analyses. The lines that are strikethrough are analyses with duration time less than 15 s and/or large uncertainties (>5 ε-units), that are discarded.

Sample	Analysis date	Sequence #	Analysis time	Selection duration (s)	Age (Ma)	2SE	Hf disc.	Total Hf signal (V)	βHf	βYb	Xbeta	$^{176}Yb/^{177}Hf$	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_0$	2SE	**Propagated 2SE**	$^{176}Hf/^{177}Hf_0$ Xbeta	2SE	**Propagated 2SE**	**^{176}Yb correction***	**$^{176}Hf/^{177}Hf_0$**	**uncertainty (internal)**	**uncertainty (propagated)****	**$^{176}Hf/^{177}Hf_i$**	**uncertainty (internal)**	**uncertainty (propagated)****	**εHf_i**	**uncertainty (internal)**	**uncertainty (propagated)**	**T_{DM}^{C} 2-stage**	**"uncertainty"**
MORT119265																																	
MORT119265-01	14.02.2022	12849	21:42:43	34.0	2746	4		9.9	-1.31	-1.32	1.00	0.068312	0.001357	0.001474	0.000019	0.281057	0.000069	0.000072	0.280989	0.000037	0.000039	*b*	**0.281057**	**0.000069**	**0.000072**	**0.280979**	**0.000069**	**0.000072**	**-1.4**	**2.5**	**2.6**	**3272**	**151**
MORT119265-02	14.02.2022	12849	21:44:04	38.1	2746	4		9.6	-1.33	-1.30	0.99	0.016913	0.000435	0.000404	0.000006	0.281069	0.000057	0.000060	0.281049	0.000028	0.000030	*a*	**0.281049**	**0.000028**	**0.000030**	**0.281028**	**0.000028**	**0.000030**	**0.4**	**1.0**	**1.1**	**3169**	**62**
MORT119265-03	14.02.2022	12849	21:45:25	38.0	2746	4		8.1	-1.33	-1.25	0.96	0.012879	0.000182	0.000308	0.000002	0.281046	0.000066	0.000069	0.281038	0.000033	0.000034	*a*	**0.281038**	**0.000033**	**0.000034**	**0.281022**	**0.000033**	**0.000034**	**0.2**	**1.2**	**1.2**	**3183**	**72**
MORT119265-04	14.02.2022	12849	21:46:47	38.0	2746	4		7.5	-1.32	-1.35	1.03	0.049388	0.000685	0.001196	0.000018	0.281127	0.000076	0.000080	0.281121	0.000038	0.000040	*a*	**0.281121**	**0.000038**	**0.000040**	**0.281058**	**0.000038**	**0.000040**	**1.4**	**1.4**	**1.4**	**3107**	**84**
MORT119265-05	14.02.2022	12849	21:48:08	22.6	2746	4		11.1	-1.31	-1.32	1.02	0.078021	0.007160	0.001496	0.000110	0.281107	0.000083	0.000087	0.281044	0.000040	0.000042	*b*	**0.281107**	**0.000083**	**0.000087**	**0.281028**	**0.000083**	**0.000087**	**0.4**	**3.0**	**3.1**	**3170**	**182**
MORT119265-06	14.02.2022	12849	21:49:29	38.0	2746	4		8.1	-1.31	-1.39	1.06	0.014100	0.000161	0.000355	0.000009	0.281018	0.000068	0.000072	0.281036	0.000033	0.000035	*a*	**0.281036**	**0.000033**	**0.000035**	**0.281018**	**0.000033**	**0.000035**	**0.0**	**1.2**	**1.2**	**3191**	**72**

* Indicates whether approach *a* or *b* was selected in step 3 of the data reduction approach (Methods and Data Reduction worksheet). Selection was based on the criteria outlined in the Methods and Data worksheet.

** Internal uncertainty scaled by a factor required to produce an MSWD = 1 for $^{176}Hf/^{177}Hf$ for all MUNZirc measurements from the contract sessions. Scaling factor can be viewed in Secondary Standards Contract worksheet.

*** Cells highlighted in yellow indicate analyses that are less than 30 seconds in duration, for example, if the laser ablated through the zircon before the end of the analysis. Short analyses will have larger uncertainties, due to counting statistics, and this may be grounds for filtering out some measurements.

**** Cells highlighted in red indicate analyses that are discarded due to very small signal durations (e.g., if the laser quickly ablated through the zircon or if something other than zircon was ablated), highly erratic signals, or propogated uncertainties > 5 ε-units.

MORT119265-07	14.02.2022	12849	21:50:50	23.1	2746	4	7.3	-1.32	-1.28	0.97	0.055424	0.001672	0.001283	0.000054	0.281114	0.000194	0.000204	0.281059	0.000073	0.000077	*a*	**0.281059**	**0.000073**	**0.000077**	**0.280992**	**0.000074**	**0.000077**	**-0.9**	**2.6**	**2.7**	**3246**	**161**
~~MORT119265-08~~	~~14.02.2022~~	~~12849~~	~~21:52:11~~	~~14.5~~	~~2746~~	~~4~~	~~6.2~~	~~-1.29~~	~~-1.44~~	~~1.12~~	~~0.057338~~	~~0.003051~~	~~0.001331~~	~~0.000042~~	~~0.280927~~	~~0.000513~~	~~0.000539~~	~~0.281015~~	~~0.000215~~	~~0.000226~~	~~*b*~~	~~**0.280927**~~	~~**0.000513**~~	~~**0.000539**~~	~~**0.280857**~~	~~**0.000513**~~	~~**0.000539**~~	~~**-5.7**~~	~~**18.3**~~	~~**19.2**~~	~~**3526**~~	~~**1130**~~
MORT119265-09	14.02.2022	12849	21:53:32	38.0	2746	4	7.9	-1.33	-1.38	1.04	0.038754	0.000531	0.000875	0.000010	0.281077	0.000074	0.000078	0.281075	0.000035	0.000036	*a*	**0.281075**	**0.000035**	**0.000036**	**0.281029**	**0.000035**	**0.000036**	**0.4**	**1.2**	**1.3**	**3169**	**76**
MORT119265-12	14.02.2022	12849	22:00:22	15.6	2746	4	9.5	-1.32	-1.35	1.03	0.013752	0.000402	0.000300	0.000004	0.281046	0.000094	0.000099	0.281048	0.000047	0.000049	*a*	**0.281048**	**0.000047**	**0.000049**	**0.281032**	**0.000047**	**0.000049**	**0.5**	**1.7**	**1.8**	**3161**	**103**
MORT119265-13	14.02.2022	12849	22:01:43	38.0	2746	4	8.5	-1.34	-1.38	1.04	0.022664	0.000147	0.000546	0.000006	0.281079	0.000066	0.000069	0.281064	0.000032	0.000034	*a*	**0.281064**	**0.000032**	**0.000034**	**0.281036**	**0.000032**	**0.000034**	**0.6**	**1.1**	**1.2**	**3154**	**71**
MORT119265-14	14.02.2022	12849	22:03:04	38.0	2746	4	9.1	-1.32	-1.36	1.03	0.036026	0.001928	0.000809	0.000031	0.281050	0.000061	0.000064	0.281037	0.000032	0.000034	*a*	**0.281037**	**0.000032**	**0.000034**	**0.280995**	**0.000032**	**0.000034**	**-0.8**	**1.1**	**1.2**	**3239**	**70**
MORT119265-15	14.02.2022	12849	22:04:26	22.9	2746	4	12.5	-1.31	-1.33	1.02	0.031857	0.000674	0.000740	0.000012	0.281053	0.000064	0.000067	0.281037	0.000033	0.000035	*a*	**0.281037**	**0.000033**	**0.000035**	**0.280998**	**0.000033**	**0.000035**	**-0.7**	**1.2**	**1.2**	**3232**	**73**
MORT119265-16	14.02.2022	12849	22:05:47	32.6	2746	4	9.1	-1.33	-1.35	1.03	0.079221	0.002985	0.001645	0.000050	0.281066	0.000085	0.000089	0.281022	0.000037	0.000039	*a*	**0.281022**	**0.000037**	**0.000039**	**0.280935**	**0.000037**	**0.000039**	**-2.9**	**1.3**	**1.4**	**3364**	**82**
MORT119265-17	14.02.2022	12849	22:07:08	38.1	2746	4	9.2	-1.32	-1.33	1.01	0.033352	0.001317	0.000694	0.000022	0.281066	0.000064	0.000067	0.281032	0.000032	0.000033	*a*	**0.281032**	**0.000032**	**0.000033**	**0.280995**	**0.000032**	**0.000033**	**-0.8**	**1.1**	**1.2**	**3239**	**69**
MORT119265-18	14.02.2022	12849	22:08:29	31.4	2746	4	8.9	-1.32	-1.35	1.03	0.062852	0.002207	0.001307	0.000041	0.281054	0.000073	0.000076	0.281033	0.000035	0.000037	*a*	**0.281033**	**0.000035**	**0.000037**	**0.280964**	**0.000035**	**0.000037**	**-1.9**	**1.2**	**1.3**	**3304**	**77**
MORT119265-19	14.02.2022	12849	22:09:51	38.0	2746	4	8.2	-1.32	-1.39	1.04	0.059870	0.002491	0.001325	0.000046	0.281107	0.000074	0.000078	0.281088	0.000033	0.000034	*a*	**0.281088**	**0.000033**	**0.000034**	**0.281018**	**0.000033**	**0.000034**	**0.0**	**1.2**	**1.2**	**3190**	**72**
MORT119265-20	14.02.2022	12849	22:11:12	38.1	2746	4	8.5	-1.33	-1.38	1.04	0.054449	0.001333	0.001227	0.000023	0.281076	0.000066	0.000070	0.281043	0.000033	0.000034	*a*	**0.281043**	**0.000033**	**0.000034**	**0.280979**	**0.000033**	**0.000034**	**-1.4**	**1.2**	**1.2**	**3273**	**72**
MORT119265-21	14.02.2022	12849	22:16:47	38.0	2746	4	8.7	-1.33	-1.35	1.01	0.057316	0.002519	0.001251	0.000028	0.281138	0.000075	0.000079	0.281068	0.000033	0.000035	*b*	**0.281138**	**0.000075**	**0.000079**	**0.281072**	**0.000075**	**0.000079**	**1.9**	**2.7**	**2.8**	**3077**	**165**
MORT119265-22	14.02.2022	12849	22:18:08	38.1	2746	4	8.8	-1.33	-1.35	1.01	0.023614	0.000716	0.000540	0.000012	0.281056	0.000061	0.000064	0.281050	0.000031	0.000033	*a*	**0.281050**	**0.000031**	**0.000033**	**0.281021**	**0.000031**	**0.000033**	**0.1**	**1.1**	**1.2**	**3184**	**68**
MORT119265-23	14.02.2022	12849	22:19:30	38.0	2746	4	8.4	-1.33	-1.41	1.05	0.017834	0.000745	0.000389	0.000014	0.281025	0.000065	0.000068	0.281040	0.000032	0.000033	*a*	**0.281040**	**0.000032**	**0.000033**	**0.281020**	**0.000032**	**0.000033**	**0.1**	**1.1**	**1.2**	**3187**	**70**
MORT119265-24	14.02.2022	12849	22:20:51	38.1	2746	4	8.3	-1.33	-1.37	1.03	0.033650	0.000447	0.000727	0.000006	0.281074	0.000068	0.000072	0.281055	0.000034	0.000036	*a*	**0.281055**	**0.000034**	**0.000036**	**0.281016**	**0.000034**	**0.000036**	**0.0**	**1.2**	**1.3**	**3194**	**75**
MORT119265-25	14.02.2022	12849	22:22:12	38.0	2746	4	9.6	-1.32	-1.36	1.03	0.071217	0.000619	0.001649	0.000011	0.281137	0.000068	0.000071	0.281100	0.000032	0.000033	*a*	**0.281100**	**0.000032**	**0.000033**	**0.281014**	**0.000032**	**0.000033**	**-0.1**	**1.1**	**1.2**	**3200**	**70**
MORT119265-27	14.02.2022	12849	22:23:33	26.6	2746	4	10.0	-1.32	-1.34	1.02	0.059177	0.001335	0.001242	0.000021	0.281077	0.000074	0.000078	0.281060	0.000035	0.000037	*a*	**0.281060**	**0.000035**	**0.000037**	**0.280995**	**0.000035**	**0.000037**	**-0.8**	**1.3**	**1.3**	**3239**	**77**
MORT119265-28	14.02.2022	12849	22:24:54	23.8	2746	4	9.2	-1.32	-1.42	1.07	0.037613	0.001454	0.000830	0.000028	0.281048	0.000085	0.000089	0.281036	0.000041	0.000043	*a*	**0.281036**	**0.000041**	**0.000043**	**0.280992**	**0.000041**	**0.000043**	**-0.9**	**1.4**	**1.5**	**3245**	**89**
MORT119265-29	14.02.2022	12849	22:26:16	38.0	2746	4	9.2	-1.33	-1.36	1.01	0.060129	0.003618	0.001141	0.000065	0.281067	0.000064	0.000067	0.281032	0.000029	0.000030	*a*	**0.281032**	**0.000029**	**0.000030**	**0.280972**	**0.000029**	**0.000031**	**-1.6**	**1.0**	**1.1**	**3286**	**64**
MORT119265-30	14.02.2022	12849	22:27:37	38.0	2746	4	9.2	-1.32	-1.36	1.04	0.083227	0.003652	0.001686	0.000045	0.281051	0.000074	0.000078	0.281020	0.000032	0.000034	*a*	**0.281020**	**0.000032**	**0.000034**	**0.280932**	**0.000032**	**0.000034**	**-3.1**	**1.2**	**1.2**	**3371**	**71**
MORT119265-31	14.02.2022	12849	22:34:26	28.0	2746	4	8.9	-1.32	-1.32	1.00	0.054645	0.001234	0.001260	0.000031	0.281101	0.000093	0.000097	0.281064	0.000039	0.000040	*a*	**0.281064**	**0.000039**	**0.000040**	**0.280998**	**0.000039**	**0.000040**	**-0.7**	**1.4**	**1.4**	**3233**	**85**
MORT119265-32	14.02.2022	12849	22:35:47	38.0	2746	4	8.5	-1.33	-1.36	1.03	0.029446	0.000675	0.000628	0.000010	0.281034	0.000069	0.000072	0.281022	0.000032	0.000034	*a*	**0.281022**	**0.000032**	**0.000034**	**0.280989**	**0.000032**	**0.000034**	**-1.0**	**1.1**	**1.2**	**3251**	**70**
MORT119266																																
MORT119266-001	14.02.2022	12849	18:03:50	38.0	1804	180.5	7.8	-1.33	-1.41	1.06	0.032330	0.000241	0.000732	0.000006	0.281366	0.000078	0.000082	0.281363	0.000035	0.000036	*a*	**0.281363**	**0.000035**	**0.000036**	**0.281338**	**0.000035**	**0.000036**	**-10.5**	**1.2**	**1.3**	**3081**	**77**
MORT119266-002	14.02.2022	12849	18:05:11	38.1	1449	110.8	12.8	-1.34	-1.38	1.04	0.015675	0.000057	0.000390	0.000002	0.281698	0.000045	0.000047	0.281689	0.000023	0.000024	*a*	**0.281689**	**0.000023**	**0.000024**	**0.281678**	**0.000023**	**0.000024**	**-6.6**	**0.8**	**0.8**	**2574**	**51**
MORT119266-003	14.02.2022	12849	18:06:33	38.0	1732	192.3	8.2	-1.33	-1.36	1.03	0.032440	0.000523	0.000781	0.000012	0.281813	0.000065	0.000068	0.281803	0.000032	0.000034	*a*	**0.281803**	**0.000032**	**0.000034**	**0.281777**	**0.000032**	**0.000034**	**3.4**	**1.1**	**1.2**	**2188**	**73**
MORT119266-004	14.02.2022	12849	18:07:54	38.0	2055	80.7	10.1	-1.33	-1.39	1.04	0.064428	0.003467	0.001273	0.000070	0.281566	0.000062	0.000066	0.281547	0.000029	0.000031	*a*	**0.281547**	**0.000029**	**0.000031**	**0.281497**	**0.000029**	**0.000031**	**0.9**	**1.0**	**1.1**	**2592**	**66**
MORT119266-005	14.02.2022	12849	18:09:15	38.1	1517	-90.7	9.0	-1.33	-1.43	1.08	0.022178	0.000232	0.000543	0.000004	0.281708	0.000058	0.000061	0.281722	0.000032	0.000033	*a*	**0.281722**	**0.000032**	**0.000033**	**0.281706**	**0.000032**	**0.000033**	**-4.0**	**1.1**	**1.2**	**2472**	**71**
~~MORT119266-006~~	~~14.02.2022~~	~~12849~~	~~18:10:36~~	~~10.2~~	~~1500~~	~~160.8~~	~~0.3~~	~~-1.25~~	~~-4.33~~	~~0.39~~	~~0.047981~~	~~0.001402~~	~~0.000619~~	~~0.000039~~	~~0.275579~~	~~0.004336~~	~~0.004553~~	~~0.281478~~	~~0.001458~~	~~0.001530~~	~~*a*~~	~~**0.281478**~~	~~**0.001458**~~	~~**0.001530**~~	~~**0.281461**~~	~~**0.001458**~~	~~**0.001530**~~	~~**-13.1**~~	~~**51.8**~~	~~**54.4**~~	~~**3007**~~	~~**3357**~~

MORT119266-007	14.02.2022	12849	18:11:57	38.0	1313	350.6	7.6	-1.33	-1.39	1.05	0.035107	0.000275	0.000807	0.000008	0.282034	0.000068	0.000071	0.282040	0.000035	0.000037	*a*	0.282040	0.000035	0.000037	0.282020	0.000035	0.000037	2.5	1.3	1.3	1919	81
MORT119266-008	14.02.2022	12849	18:13:19	34.1	1890	130.3	8.6	-1.34	-1.42	1.05	0.019479	0.000611	0.000475	0.000019	0.281604	0.000075	0.000079	0.281602	0.000034	0.000036	*a*	0.281602	0.000034	0.000036	0.281584	0.000034	0.000036	0.2	1.2	1.3	2506	77
MORT119266-009	14.02.2022	12849	18:14:40	38.0	1545	91.5	11.2	-1.34	-1.39	1.04	0.029415	0.000082	0.000691	0.000001	0.281878	0.000052	0.000055	0.281864	0.000027	0.000028	*a*	0.281864	0.000027	0.000028	0.281844	0.000027	0.000028	1.5	1.0	1.0	2159	61
~~MORT119266-010~~	~~14.02.2022~~	~~12849~~	~~18:16:01~~	~~11.4~~	~~1798~~	~~91.5~~	~~0.5~~	~~-1.36~~	~~-1.28~~	~~2.90~~	~~0.088517~~	~~0.011725~~	~~0.001628~~	~~0.000278~~	~~0.281166~~	~~0.002885~~	~~0.003029~~	~~0.282016~~	~~0.001158~~	~~0.001216~~	~~*b*~~	~~0.281166~~	~~0.002885~~	~~0.003029~~	~~0.281110~~	~~0.002885~~	~~0.003029~~	~~-18.7~~	~~102.6~~	~~107.8~~	~~3565~~	~~6763~~
MORT119266-011	14.02.2022	12849	18:22:50	38.1	1504	-116.4	10.0	-1.33	-1.40	1.05	0.019062	0.000107	0.000465	0.000003	0.281803	0.000061	0.000064	0.281806	0.000030	0.000031	*a*	0.281806	0.000030	0.000031	0.281793	0.000030	0.000031	-1.2	1.1	1.1	2293	67
MORT119266-012	14.02.2022	12849	18:24:11	38.0	1847	-190.1	10.8	-1.34	-1.40	1.07	0.007099	0.000085	0.000136	0.000001	0.281613	0.000051	0.000054	0.281626	0.000026	0.000028	*a*	0.281626	0.000026	0.000028	0.281622	0.000026	0.000028	0.5	0.9	1.0	2452	59
MORT119266-013	14.02.2022	12849	18:25:32	33.3	1888	131.9	10.9	-1.31	-1.38	1.05	0.033749	0.000736	0.000886	0.000034	0.281487	0.000060	0.000063	0.281478	0.000030	0.000032	*a*	0.281478	0.000030	0.000032	0.281446	0.000030	0.000032	-4.7	1.1	1.1	2801	68
MORT119266-014	14.02.2022	12849	18:26:54	38.0	1514	-121.7	8.7	-1.35	-1.38	1.02	0.026602	0.000310	0.000667	0.000013	0.281782	0.000084	0.000089	0.281755	0.000040	0.000042	*a*	0.281755	0.000040	0.000042	0.281736	0.000040	0.000042	-3.0	1.4	1.5	2410	90
MORT119266-015	14.02.2022	12849	18:28:15	38.0	1499	233.5	9.8	-1.33	-1.40	1.05	0.021567	0.000358	0.000519	0.000007	0.281741	0.000055	0.000058	0.281734	0.000029	0.000030	*a*	0.281734	0.000029	0.000030	0.281719	0.000029	0.000030	-4.0	1.0	1.1	2456	65
MORT119266-016	14.02.2022	12849	18:29:36	38.0	1847	60.1	12.5	-1.34	-1.38	1.03	0.082393	0.000542	0.001855	0.000012	0.281616	0.000051	0.000054	0.281581	0.000025	0.000026	*a*	0.281581	0.000025	0.000026	0.281516	0.000025	0.000026	-3.2	0.9	0.9	2677	55
MORT119266-017	14.02.2022	12849	18:30:57	38.0	2715	60.6	10.9	-1.34	-1.36	1.01	0.031802	0.000317	0.000735	0.000007	0.281118	0.000051	0.000053	0.281082	0.000026	0.000027	*a*	0.281082	0.000026	0.000027	0.281043	0.000026	0.000027	0.2	0.9	1.0	3156	57
MORT119266-018	14.02.2022	12849	18:32:18	38.1	1492	-173.7	10.0	-1.34	-1.39	1.04	0.016472	0.000340	0.000403	0.000006	0.281732	0.000055	0.000058	0.281733	0.000029	0.000030	*a*	0.281733	0.000029	0.000030	0.281722	0.000029	0.000030	-4.0	1.0	1.1	2453	65
MORT119266-019	14.02.2022	12849	18:33:40	38.1	1849	-112.2	11.0	-1.33	-1.37	1.03	0.056155	0.000763	0.001328	0.000017	0.281607	0.000057	0.000060	0.281590	0.000028	0.000030	*a*	0.281590	0.000028	0.000030	0.281543	0.000028	0.000030	-2.2	1.0	1.1	2619	63
MORT119266-020	14.02.2022	12849	18:35:01	38.0	2680	42.0	12.4	-1.33	-1.47	1.11	0.012411	0.000329	0.000252	0.000010	0.281016	0.000048	0.000050	0.281034	0.000024	0.000025	*a*	0.281034	0.000024	0.000025	0.281021	0.000024	0.000025	-1.4	0.9	0.9	3224	53
MORT119266-021	14.02.2022	12849	18:40:31	38.1	1851	-70.4	10.0	-1.34	-1.35	1.00	0.031233	0.000119	0.000722	0.000001	0.281671	0.000057	0.000060	0.281644	0.000029	0.000031	*a*	0.281644	0.000029	0.000031	0.281618	0.000029	0.000031	0.5	1.0	1.1	2457	66
MORT119266-022	14.02.2022	12849	18:41:52	38.0	1804	-101.5	11.1	-1.33	-1.37	1.03	0.080987	0.001208	0.001843	0.000027	0.281622	0.000062	0.000065	0.281578	0.000028	0.000030	*a*	0.281578	0.000028	0.000030	0.281514	0.000028	0.000030	-4.2	1.0	1.0	2707	63
MORT119266-023	14.02.2022	12849	18:43:13	38.0	1500	92.1	8.9	-1.34	-1.35	1.01	0.012091	0.000318	0.000384	0.000011	0.281772	0.000081	0.000085	0.281805	0.000039	0.000041	*a*	0.281805	0.000039	0.000041	0.281794	0.000039	0.000041	-1.3	1.4	1.4	2294	88
MORT119266-024	14.02.2022	12849	18:44:35	38.1	1594	212.5	9.4	-1.34	-1.46	1.09	0.017853	0.000224	0.000401	0.000003	0.281585	0.000061	0.000064	0.281613	0.000030	0.000032	*a*	0.281613	0.000030	0.000032	0.281601	0.000030	0.000032	-6.0	1.1	1.1	2651	68
MORT119266-025	14.02.2022	12849	18:45:56	38.1	1471	171.2	9.5	-1.34	-1.44	1.07	0.020864	0.000122	0.000506	0.000002	0.281710	0.000056	0.000059	0.281725	0.000028	0.000029	*a*	0.281725	0.000028	0.000029	0.281711	0.000028	0.000029	-4.9	1.0	1.0	2490	62
MORT119266-026	14.02.2022	12849	18:47:17	38.0	1480	193.4	9.0	-1.34	-1.40	1.06	0.022321	0.000271	0.000520	0.000006	0.281672	0.000063	0.000066	0.281672	0.000031	0.000032	*a*	0.281672	0.000031	0.000032	0.281657	0.000031	0.000032	-6.6	1.1	1.1	2600	69
MORT119266-027	14.02.2022	12849	18:48:38	38.2	1457	160.8	8.9	-1.34	-1.40	1.04	0.018790	0.000289	0.000428	0.000007	0.281672	0.000069	0.000072	0.281678	0.000033	0.000034	*a*	0.281678	0.000033	0.000034	0.281667	0.000033	0.000034	-6.8	1.2	1.2	2594	73
MORT119266-028	14.02.2022	12849	18:49:59	38.2	1464	180.5	9.4	-1.34	-1.41	1.05	0.022854	0.000146	0.000532	0.000002	0.281680	0.000060	0.000063	0.281684	0.000030	0.000032	*a*	0.281684	0.000030	0.000032	0.281669	0.000030	0.000032	-6.6	1.1	1.1	2584	68
MORT119266-029	14.02.2022	12849	18:51:21	38.1	1640	-82.3	10.2	-1.34	-1.43	1.07	0.020043	0.000054	0.000501	0.000001	0.281671	0.000056	0.000059	0.281692	0.000028	0.000030	*a*	0.281692	0.000028	0.000030	0.281676	0.000028	0.000030	-2.3	1.0	1.1	2461	64
MORT119266-030	14.02.2022	12849	18:52:42	29.4	1985	-111.3	9.3	-1.33	-1.42	1.07	0.031816	0.000429	0.000724	0.000009	0.281580	0.000072	0.000076	0.281596	0.000036	0.000038	*a*	0.281596	0.000036	0.000038	0.281569	0.000036	0.000038	1.9	1.3	1.3	2481	81
MORT119266-031	14.02.2022	12849	18:59:31	38.0	1908	91.0	10.9	-1.34	-1.41	1.06	0.019043	0.000213	0.000464	0.000003	0.281615	0.000054	0.000057	0.281605	0.000026	0.000027	*a*	0.281605	0.000026	0.000027	0.281588	0.000026	0.000027	0.7	0.9	1.0	2488	58
MORT119266-032	14.02.2022	12849	19:00:52	38.0	1498	122.3	10.3	-1.34	-1.36	1.01	0.024615	0.000051	0.000591	0.000002	0.281831	0.000057	0.000060	0.281813	0.000026	0.000027	*a*	0.281813	0.000026	0.000027	0.281797	0.000026	0.000027	-1.2	0.9	1.0	2289	59
MORT119266-033	14.02.2022	12849	19:02:14	38.2	1483	250.9	9.3	-1.34	-1.34	1.00	0.035354	0.001115	0.000814	0.000026	0.281835	0.000065	0.000068	0.281796	0.000030	0.000031	*a*	0.281796	0.000030	0.000031	0.281773	0.000030	0.000031	-2.5	1.1	1.1	2350	67
MORT119266-034	14.02.2022	12849	19:03:35	38.1	1486	190.9	9.7	-1.34	-1.38	1.03	0.037359	0.001293	0.000866	0.000030	0.281770	0.000071	0.000075	0.281769	0.000029	0.000031	*a*	0.281769	0.000029	0.000031	0.281744	0.000029	0.000031	-3.4	1.0	1.1	2408	66
MORT119266-035	14.02.2022	12849	19:04:56	38.1	1441	323.5	9.8	-1.34	-1.38	1.02	0.018919	0.000056	0.000449	0.000002	0.281779	0.000056	0.000059	0.281760	0.000028	0.000029	*a*	0.281760	0.000028	0.000029	0.281748	0.000028	0.000029	-4.3	1.0	1.0	2429	63
MORT119266-036	14.02.2022	12849	19:06:18	38.2	1505	202.4	10.1	-1.34	-1.36	1.02	0.024550	0.000072	0.000581	0.000003	0.281795	0.000058	0.000061	0.281770	0.000027	0.000028	*a*	0.281770	0.000027	0.000028	0.281753	0.000027	0.000028	-2.6	1.0	1.0	2378	61
MORT119266-037	14.02.2022	12849	19:07:39	38.0	1631	120.8	9.0	-1.35	-1.38	1.02	0.019549	0.000109	0.000449	0.000003	0.281775	0.000064	0.000067	0.281766	0.000030	0.000032	*a*	0.281766	0.000030	0.000032	0.281753	0.000030	0.000032	0.2	1.1	1.1	2303	68

MORT119266-038	14.02.2022	12849	19:09:00	38.0	1502	221.7	9.7	-1.34	-1.40	1.04	0.023297	0.000093	0.000558	0.000002	0.281748	0.000059	0.000061	0.281746	0.000027	0.000029	*a*	**0.281746**	**0.000027**	**0.000029**	**0.281730**	**0.000027**	**0.000029**	**-3.5**	**1.0**	**1.0**	**2429**	**62**
MORT119266-039	14.02.2022	12849	19:10:21	38.1	1506	-111.7	10.6	-1.35	-1.35	1.00	0.020685	0.000071	0.000507	0.000003	0.281819	0.000052	0.000055	0.281799	0.000026	0.000027	*a*	**0.281799**	**0.000026**	**0.000027**	**0.281785**	**0.000026**	**0.000027**	**-1.5**	**0.9**	**1.0**	**2309**	**58**
MORT119266-040	14.02.2022	12849	19:11:42	38.1	1492	132.5	11.6	-1.35	-1.36	1.02	0.017905	0.000105	0.000447	0.000002	0.281715	0.000051	0.000054	0.281706	0.000026	0.000027	*a*	**0.281706**	**0.000026**	**0.000027**	**0.281694**	**0.000026**	**0.000027**	**-5.0**	**0.9**	**1.0**	**2514**	**58**
MORT119266-041	14.02.2022	12849	19:17:13	38.0	2952	-92.5	9.4	-1.33	-1.37	1.03	0.047615	0.000643	0.001245	0.000019	0.281013	0.000063	0.000066	0.280999	0.000032	0.000033	*a*	**0.280999**	**0.000032**	**0.000033**	**0.280929**	**0.000032**	**0.000033**	**1.7**	**1.1**	**1.2**	**3255**	**70**
MORT119266-043	14.02.2022	12849	19:18:34	38.0	1434	-103.8	8.9	-1.35	-1.34	1.01	0.024889	0.000204	0.000545	0.000004	0.281979	0.000065	0.000068	0.281959	0.000029	0.000030	*a*	**0.281959**	**0.000029**	**0.000030**	**0.281944**	**0.000029**	**0.000030**	**2.5**	**1.0**	**1.1**	**2009**	**66**
MORT119266-044	14.02.2022	12849	19:19:55	36.9	1466	232.8	10.0	-1.34	-1.38	1.03	0.024976	0.000213	0.000598	0.000005	0.281766	0.000065	0.000068	0.281759	0.000030	0.000032	*a*	**0.281759**	**0.000030**	**0.000032**	**0.281742**	**0.000030**	**0.000032**	**-3.9**	**1.1**	**1.1**	**2425**	**68**
MORT119266-045	14.02.2022	12849	19:21:16	38.1	2431	181.8	8.9	-1.34	-1.36	1.01	0.015954	0.000132	0.000380	0.000002	0.281132	0.000067	0.000070	0.281125	0.000032	0.000033	*a*	**0.281125**	**0.000032**	**0.000033**	**0.281107**	**0.000032**	**0.000033**	**-4.2**	**1.1**	**1.2**	**3191**	**70**
MORT119266-046	14.02.2022	12849	19:22:37	38.0	1508	160.3	6.7	-1.34	-1.38	1.03	0.046847	0.000670	0.001159	0.000012	0.281985	0.000081	0.000085	0.281977	0.000038	0.000040	*a*	**0.281977**	**0.000038**	**0.000040**	**0.281944**	**0.000038**	**0.000040**	**4.2**	**1.4**	**1.4**	**1965**	**87**
MORT119266-047	14.02.2022	12849	19:23:58	38.0	1816	100.4	10.0	-1.34	-1.39	1.03	0.023429	0.000210	0.000553	0.000007	0.281700	0.000057	0.000060	0.281706	0.000027	0.000029	*a*	**0.281706**	**0.000027**	**0.000029**	**0.281686**	**0.000027**	**0.000029**	**2.1**	**1.0**	**1.0**	**2332**	**62**
MORT119266-048	14.02.2022	12849	19:25:20	38.1	1471	355.3	9.9	-1.35	-1.41	1.04	0.019923	0.000139	0.000474	0.000002	0.281725	0.000060	0.000063	0.281726	0.000030	0.000031	*a*	**0.281726**	**0.000030**	**0.000031**	**0.281713**	**0.000030**	**0.000031**	**-4.8**	**1.1**	**1.1**	**2486**	**67**
MORT119266-049	14.02.2022	12849	19:26:41	38.0	1883	122.5	9.8	-1.34	-1.36	1.02	0.021632	0.000063	0.000493	0.000002	0.281533	0.000056	0.000059	0.281514	0.000031	0.000032	*a*	**0.281514**	**0.000031**	**0.000032**	**0.281497**	**0.000031**	**0.000032**	**-3.0**	**1.1**	**1.1**	**2697**	**68**
MORT119266-050	14.02.2022	12849	19:28:02	38.1	1515	-230.2	10.1	-1.35	-1.37	1.01	0.020157	0.000101	0.000487	0.000003	0.281766	0.000056	0.000059	0.281750	0.000027	0.000028	*a*	**0.281750**	**0.000027**	**0.000028**	**0.281736**	**0.000027**	**0.000028**	**-3.0**	**1.0**	**1.0**	**2408**	**61**
MORT119266-051	14.02.2022	12849	19:34:51	38.0	2837	-90.9	10.2	-1.34	-1.33	0.99	0.016888	0.000999	0.000396	0.000020	0.281026	0.000056	0.000059	0.281021	0.000027	0.000029	*a*	**0.281021**	**0.000027**	**0.000029**	**0.280999**	**0.000027**	**0.000029**	**1.5**	**1.0**	**1.0**	**3177**	**60**
MORT119266-052	14.02.2022	12849	19:36:13	38.0	1492	300.7	9.9	-1.35	-1.36	1.01	0.016544	0.000171	0.000395	0.000002	0.281763	0.000053	0.000056	0.281750	0.000027	0.000029	*a*	**0.281750**	**0.000027**	**0.000029**	**0.281739**	**0.000027**	**0.000029**	**-3.4**	**1.0**	**1.0**	**2417**	**62**
MORT119266-053	14.02.2022	12849	19:37:34	38.1	1132	151.4	10.2	-1.35	-1.41	1.05	0.021452	0.000240	0.000499	0.000002	0.282123	0.000061	0.000064	0.282126	0.000029	0.000031	*a*	**0.282126**	**0.000029**	**0.000031**	**0.282115**	**0.000029**	**0.000031**	**1.7**	**1.0**	**1.1**	**1824**	**67**
MORT119266-054	14.02.2022	12849	19:38:55	38.3	1475	-203.0	10.2	-1.34	-1.39	1.04	0.018843	0.000180	0.000458	0.000004	0.281733	0.000055	0.000058	0.281735	0.000027	0.000028	*a*	**0.281735**	**0.000027**	**0.000028**	**0.281722**	**0.000027**	**0.000028**	**-4.4**	**1.0**	**1.0**	**2463**	**61**
MORT119266-055	14.02.2022	12849	19:40:17	38.0	1899	90.8	9.9	-1.34	-1.39	1.04	0.053849	0.000313	0.001286	0.000004	0.281670	0.000057	0.000059	0.281652	0.000028	0.000029	*a*	**0.281652**	**0.000028**	**0.000029**	**0.281605**	**0.000028**	**0.000029**	**1.2**	**1.0**	**1.0**	**2455**	**63**
MORT119266-056	14.02.2022	12849	19:41:38	38.0	1918	81.0	8.6	-1.34	-1.37	1.02	0.018682	0.000337	0.000419	0.000005	0.281629	0.000067	0.000070	0.281626	0.000032	0.000034	*a*	**0.281626**	**0.000032**	**0.000034**	**0.281610**	**0.000032**	**0.000034**	**1.8**	**1.1**	**1.2**	**2433**	**72**
MORT119266-057	14.02.2022	12849	19:42:59	38.0	1783	303.0	9.6	-1.35	-1.33	0.99	0.016682	0.000122	0.000425	0.000001	0.281693	0.000056	0.000058	0.281689	0.000028	0.000029	*a*	**0.281689**	**0.000028**	**0.000029**	**0.281675**	**0.000028**	**0.000029**	**1.0**	**1.0**	**1.0**	**2377**	**62**
MORT119266-058	14.02.2022	12849	19:44:20	38.1	1760	113.5	8.6	-1.33	-1.37	1.03	0.088092	0.001072	0.002053	0.000014	0.281779	0.000069	0.000072	0.281728	0.000032	0.000034	*a*	**0.281728**	**0.000032**	**0.000034**	**0.281659**	**0.000032**	**0.000034**	**-0.1**	**1.2**	**1.2**	**2424**	**73**
MORT119266-059	14.02.2022	12849	19:45:41	38.0	1902	-120.1	10.3	-1.34	-1.35	1.01	0.038059	0.001066	0.000811	0.000021	0.281506	0.000056	0.000058	0.281467	0.000027	0.000029	*a*	**0.281467**	**0.000027**	**0.000029**	**0.281438**	**0.000027**	**0.000029**	**-4.7**	**1.0**	**1.0**	**2811**	**61**
MORT119266-060	14.02.2022	12849	19:47:02	38.0	1481	185.2	10.6	-1.34	-1.34	1.00	0.018820	0.000272	0.000462	0.000005	0.281741	0.000051	0.000053	0.281727	0.000026	0.000027	*a*	**0.281727**	**0.000026**	**0.000027**	**0.281714**	**0.000026**	**0.000027**	**-4.6**	**0.9**	**1.0**	**2478**	**59**
MORT119266-061	14.02.2022	12849	19:52:33	38.0	1505	110.6	10.1	-1.34	-1.37	1.01	0.018304	0.000785	0.000448	0.000018	0.281772	0.000061	0.000064	0.281764	0.000030	0.000031	*a*	**0.281764**	**0.000030**	**0.000031**	**0.281751**	**0.000030**	**0.000031**	**-2.7**	**1.1**	**1.1**	**2382**	**67**
MORT119266-062	14.02.2022	12849	19:53:54	38.0	1500	83.2	10.1	-1.34	-1.43	1.06	0.019946	0.000290	0.000492	0.000007	0.281804	0.000061	0.000064	0.281805	0.000029	0.000030	*a*	**0.281805**	**0.000029**	**0.000030**	**0.281791**	**0.000029**	**0.000030**	**-1.4**	**1.0**	**1.1**	**2300**	**65**
MORT119266-063	14.02.2022	12849	19:55:15	38.0	1499	180.9	9.4	-1.34	-1.37	1.01	0.017103	0.000089	0.000401	0.000001	0.281742	0.000054	0.000057	0.281742	0.000026	0.000027	*a*	**0.281742**	**0.000026**	**0.000027**	**0.281731**	**0.000026**	**0.000027**	**-3.6**	**0.9**	**1.0**	**2430**	**58**
MORT119266-064	14.02.2022	12849	19:56:36	32.5	2708	51.3	7.3	-1.33	-1.48	1.07	0.009904	0.000167	0.000226	0.000007	0.281043	0.000096	0.000100	0.281046	0.000049	0.000051	*a*	**0.281046**	**0.000049**	**0.000051**	**0.281035**	**0.000049**	**0.000051**	**-0.3**	**1.7**	**1.8**	**3178**	**108**
MORT119266-065	14.02.2022	12849	19:57:58	38.0	1491	150.5	9.7	-1.34	-1.34	1.00	0.017712	0.000055	0.000431	0.000002	0.281747	0.000058	0.000061	0.281735	0.000026	0.000027	*a*	**0.281735**	**0.000026**	**0.000027**	**0.281723**	**0.000026**	**0.000027**	**-4.0**	**0.9**	**1.0**	**2451**	**58**
MORT119266-066	14.02.2022	12849	19:59:19	38.0	1771	61.5	12.1	-1.35	-1.38	1.02	0.044393	0.000209	0.001099	0.000001	0.281683	0.000049	0.000051	0.281654	0.000024	0.000026	*a*	**0.281654**	**0.000024**	**0.000026**	**0.281617**	**0.000024**	**0.000026**	**-1.4**	**0.9**	**0.9**	**2509**	**55**
MORT119266-067	14.02.2022	12849	20:00:40	38.0	1516	-181.0	9.4	-1.34	-1.31	0.99	0.015993	0.000110	0.000386	0.000001	0.281765	0.000065	0.000068	0.281737	0.000030	0.000032	*a*	**0.281737**	**0.000030**	**0.000032**	**0.281726**	**0.000030**	**0.000032**	**-3.4**	**1.1**	**1.1**	**2431**	**69**
MORT119266-068	14.02.2022	12849	20:02:01	38.1	1496	200.9	10.1	-1.33	-1.31	0.99	0.013857	0.000283	0.000351	0.000002	0.281711	0.000055	0.000058	0.281700	0.000027	0.000028	*a*	**0.281700**	**0.000027**	**0.000028**	**0.281690**	**0.000027**	**0.000028**	**-5.1**	**1.0**	**1.0**	**2519**	**60**
MORT119266-069	14.02.2022	12849	20:03:22	38.0	2702	-52.4	10.9	-1.34	-1.41	1.07	0.013138	0.000164	0.000322	0.000003	0.281055	0.000053	0.000055	0.281062	0.000027	0.000028	*a*	**0.281062**	**0.000027**	**0.000028**	**0.281046**	**0.000027**	**0.000028**	**0.0**	**0.9**	**1.0**	**3159**	**59**

MORT119266-070	14.02.2022	12849	20:04:44	38.0	1506	-192.0	8.9	-1.34	-1.37	1.02	0.031720	0.000512	0.000731	0.000010	0.281803	0.000062	0.000065	0.281778	0.000031	0.000032	*a*	**0.281778**	**0.000031**	**0.000032**	**0.281757**	**0.000031**	**0.000032**	**-2.5**	**1.1**	**1.1**	**2369**	**69**
MORT119266-071	14.02.2022	12849	20:11:33	38.0	1833	-83.4	11.0	-1.34	-1.37	1.02	0.059018	0.004109	0.001092	0.000068	0.281414	0.000055	0.000058	0.281344	0.000028	0.000029	*b*	**0.281414**	**0.000055**	**0.000058**	**0.281376**	**0.000055**	**0.000058**	**-8.5**	**2.0**	**2.0**	**2983**	**122**
MORT119266-072	14.02.2022	12849	20:12:54	38.0	1498	132.3	9.5	-1.35	-1.38	1.02	0.018384	0.000099	0.000450	0.000002	0.281759	0.000057	0.000060	0.281755	0.000029	0.000030	*a*	**0.281755**	**0.000029**	**0.000030**	**0.281742**	**0.000029**	**0.000030**	**-3.2**	**1.0**	**1.1**	**2406**	**65**
MORT119266-073	14.02.2022	12849	20:14:15	38.0	1601	141.7	10.0	-1.34	-1.39	1.03	0.036305	0.000462	0.000813	0.000012	0.281736	0.000057	0.000060	0.281732	0.000028	0.000029	*a*	**0.281732**	**0.000028**	**0.000029**	**0.281707**	**0.000028**	**0.000029**	**-2.1**	**1.0**	**1.0**	**2419**	**62**
MORT119266-074	14.02.2022	12849	20:15:36	38.1	1501	150.1	9.2	-1.34	-1.36	1.02	0.023257	0.000230	0.000550	0.000005	0.281778	0.000066	0.000070	0.281762	0.000031	0.000033	*a*	**0.281762**	**0.000031**	**0.000033**	**0.281746**	**0.000031**	**0.000033**	**-3.0**	**1.1**	**1.2**	**2396**	**71**
MORT119266-075	14.02.2022	12849	20:16:58	38.1	1803	-110.6	7.7	-1.34	-1.37	1.03	0.018020	0.000132	0.000400	0.000003	0.281683	0.000068	0.000072	0.281674	0.000035	0.000037	*a*	**0.281674**	**0.000035**	**0.000037**	**0.281661**	**0.000035**	**0.000037**	**0.9**	**1.3**	**1.3**	**2395**	**80**
MORT119266-076	14.02.2022	12849	20:18:19	38.0	2780	141.4	8.5	-1.34	-1.40	1.05	0.040865	0.000632	0.000927	0.000015	0.281060	0.000065	0.000068	0.281061	0.000032	0.000034	*a*	**0.281061**	**0.000032**	**0.000034**	**0.281011**	**0.000032**	**0.000034**	**0.6**	**1.1**	**1.2**	**3184**	**70**
MORT119266-077	14.02.2022	12849	20:19:40	38.0	2709	81.4	9.5	-1.33	-1.29	0.96	0.017667	0.000965	0.000447	0.000028	0.281021	0.000065	0.000068	0.281017	0.000030	0.000032	*a*	**0.281017**	**0.000030**	**0.000032**	**0.280993**	**0.000030**	**0.000032**	**-1.7**	**1.1**	**1.1**	**3264**	**66**
MORT119266-078	14.02.2022	12849	20:21:01	38.1	1749	160.4	9.6	-1.34	-1.30	0.98	0.026563	0.000188	0.000622	0.000003	0.281713	0.000063	0.000066	0.281676	0.000030	0.000032	*a*	**0.281676**	**0.000030**	**0.000032**	**0.281655**	**0.000030**	**0.000032**	**-0.5**	**1.1**	**1.1**	**2440**	**69**
MORT119266-079	14.02.2022	12849	20:22:22	38.0	1511	-101.4	10.4	-1.34	-1.38	1.02	0.024557	0.000264	0.000589	0.000007	0.281770	0.000053	0.000056	0.281751	0.000026	0.000028	*a*	**0.281751**	**0.000026**	**0.000028**	**0.281734**	**0.000026**	**0.000028**	**-3.2**	**0.9**	**1.0**	**2416**	**59**
MORT119266-080	14.02.2022	12849	20:23:43	38.0	1843	70.8	8.7	-1.33	-1.39	1.04	0.044140	0.000207	0.000978	0.000007	0.281675	0.000073	0.000077	0.281667	0.000034	0.000036	*a*	**0.281667**	**0.000034**	**0.000036**	**0.281633**	**0.000034**	**0.000036**	**0.9**	**1.2**	**1.3**	**2431**	**77**
MORT119266-081	14.02.2022	12849	20:29:14	38.0	1809	-90.1	9.1	-1.33	-1.46	1.07	0.016684	0.000556	0.000423	0.000012	0.281672	0.000060	0.000063	0.281682	0.000029	0.000031	*a*	**0.281682**	**0.000029**	**0.000031**	**0.281668**	**0.000029**	**0.000031**	**1.3**	**1.0**	**1.1**	**2377**	**66**
MORT119266-082	14.02.2022	12849	20:30:35	38.0	1872	70.8	9.6	-1.34	-1.37	1.03	0.036253	0.000187	0.000851	0.000004	0.281476	0.000058	0.000061	0.281461	0.000029	0.000031	*a*	**0.281461**	**0.000029**	**0.000031**	**0.281431**	**0.000029**	**0.000031**	**-5.6**	**1.0**	**1.1**	**2843**	**66**
MORT119266-083	14.02.2022	12849	20:31:57	38.2	1808	90.5	7.4	-1.34	-1.36	1.02	0.019205	0.000313	0.000550	0.000006	0.281658	0.000076	0.000080	0.281656	0.000037	0.000039	*a*	**0.281656**	**0.000037**	**0.000039**	**0.281638**	**0.000037**	**0.000039**	**0.2**	**1.3**	**1.4**	**2441**	**83**
MORT119266-084	14.02.2022	12849	20:33:18	38.0	1503	140.9	9.1	-1.35	-1.41	1.05	0.019242	0.000267	0.000474	0.000006	0.281704	0.000070	0.000073	0.281695	0.000032	0.000033	*a*	**0.281695**	**0.000032**	**0.000033**	**0.281681**	**0.000032**	**0.000033**	**-5.2**	**1.1**	**1.2**	**2534**	**71**
MORT119266-085	14.02.2022	12849	20:34:39	38.0	1891	221.4	6.7	-1.34	-1.39	1.03	0.018436	0.000103	0.000443	0.000001	0.281485	0.000084	0.000089	0.281495	0.000041	0.000043	*a*	**0.281495**	**0.000041**	**0.000043**	**0.281479**	**0.000041**	**0.000043**	**-3.5**	**1.5**	**1.5**	**2730**	**92**
MORT119266-086	14.02.2022	12849	20:36:00	38.0	1497	253.7	8.8	-1.34	-1.41	1.05	0.044118	0.000726	0.000964	0.000016	0.281744	0.000066	0.000069	0.281747	0.000031	0.000033	*a*	**0.281747**	**0.000031**	**0.000033**	**0.281720**	**0.000031**	**0.000033**	**-4.0**	**1.1**	**1.2**	**2455**	**71**
MORT119266-087	14.02.2022	12849	20:37:22	38.0	1810	91.6	8.1	-1.34	-1.38	1.03	0.032506	0.000318	0.000836	0.000010	0.281698	0.000070	0.000074	0.281697	0.000034	0.000036	*a*	**0.281697**	**0.000034**	**0.000036**	**0.281668**	**0.000034**	**0.000036**	**1.3**	**1.2**	**1.3**	**2375**	**77**
MORT119266-088	14.02.2022	12849	20:38:43	38.0	1492	-120.1	10.2	-1.34	-1.39	1.03	0.021084	0.000162	0.000512	0.000005	0.281756	0.000057	0.000060	0.281756	0.000026	0.000027	*a*	**0.281756**	**0.000026**	**0.000027**	**0.281741**	**0.000026**	**0.000027**	**-3.3**	**0.9**	**1.0**	**2411**	**58**
MORT119266-089	14.02.2022	12849	20:40:04	38.2	1480	222.6	9.0	-1.33	-1.37	1.03	0.048033	0.000205	0.001073	0.000004	0.281779	0.000067	0.000071	0.281754	0.000031	0.000033	*a*	**0.281754**	**0.000031**	**0.000033**	**0.281724**	**0.000031**	**0.000033**	**-4.3**	**1.1**	**1.2**	**2457**	**70**
MORT119266-090	14.02.2022	12849	20:41:25	38.1	1517	-211.4	8.9	-1.35	-1.33	0.99	0.014830	0.000102	0.000356	0.000002	0.281697	0.000073	0.000077	0.281674	0.000034	0.000036	*a*	**0.281674**	**0.000034**	**0.000036**	**0.281663**	**0.000034**	**0.000036**	**-5.5**	**1.2**	**1.3**	**2563**	**77**
MORT119266-091	14.02.2022	12849	20:48:15	38.2	1620	-120.4	12.2	-1.34	-1.41	1.05	0.021678	0.000041	0.000530	0.000001	0.281694	0.000048	0.000051	0.281691	0.000024	0.000025	*a*	**0.281691**	**0.000024**	**0.000025**	**0.281674**	**0.000024**	**0.000025**	**-2.8**	**0.9**	**0.9**	**2477**	**54**
MORT119266-092	14.02.2022	12849	20:49:36	38.0	1564	-101.6	8.4	-1.34	-1.38	1.04	0.044250	0.001862	0.001071	0.000045	0.281760	0.000062	0.000065	0.281752	0.000030	0.000031	*a*	**0.281752**	**0.000030**	**0.000031**	**0.281720**	**0.000030**	**0.000031**	**-2.5**	**1.1**	**1.1**	**2414**	**67**
MORT119266-093	14.02.2022	12849	20:50:57	38.0	2056	70.8	10.0	-1.35	-1.34	1.00	0.016781	0.000244	0.000387	0.000006	0.281224	0.000055	0.000058	0.281210	0.000027	0.000028	*a*	**0.281210**	**0.000027**	**0.000028**	**0.281194**	**0.000027**	**0.000028**	**-9.8**	**1.0**	**1.0**	**3232**	**60**
MORT119266-094	14.02.2022	12849	20:52:18	38.1	1495	130.0	9.8	-1.33	-1.39	1.05	0.032620	0.001025	0.000730	0.000019	0.281822	0.000051	0.000054	0.281815	0.000027	0.000029	*a*	**0.281815**	**0.000027**	**0.000029**	**0.281795**	**0.000027**	**0.000029**	**-1.4**	**1.0**	**1.0**	**2295**	**62**
MORT119266-095	14.02.2022	12849	20:53:39	38.0	1918	100.9	10.4	-1.35	-1.36	1.00	0.019102	0.000379	0.000453	0.000007	0.281587	0.000056	0.000058	0.281575	0.000028	0.000029	*a*	**0.281575**	**0.000028**	**0.000029**	**0.281559**	**0.000028**	**0.000029**	**-0.1**	**1.0**	**1.0**	**2544**	**62**
~~MORT119266-096~~	~~14.02.2022~~	~~12849~~	~~20:55:01~~	~~6.9~~	~~1881~~	~~110.2~~	~~12.2~~	~~-1.32~~	~~-1.33~~	~~1.01~~	~~0.039529~~	~~0.001432~~	~~0.000928~~	~~0.000027~~	~~0.281491~~	~~0.000092~~	~~0.000097~~	~~0.281468~~	~~0.000055~~	~~0.000057~~	~~*a*~~	~~**0.281468**~~	~~**0.000055**~~	~~**0.000057**~~	~~**0.281434**~~	~~**0.000055**~~	~~**0.000057**~~	~~**-5.3**~~	~~**1.9**~~	~~**2.0**~~	~~**2831**~~	~~**122**~~
MORT119266-097	14.02.2022	12849	20:56:22	38.0	2663	-53.9	11.3	-1.35	-1.43	1.06	0.015946	0.000207	0.000412	0.000006	0.281025	0.000048	0.000051	0.281034	0.000025	0.000026	*a*	**0.281034**	**0.000025**	**0.000026**	**0.281013**	**0.000025**	**0.000026**	**-2.1**	**0.9**	**0.9**	**3249**	**55**
MORT119266-098	14.02.2022	12849	20:57:43	38.0	1636	280.7	10.4	-1.34	-1.38	1.03	0.024609	0.000139	0.000553	0.000003	0.281597	0.000055	0.000057	0.281593	0.000028	0.000029	*a*	**0.281593**	**0.000028**	**0.000029**	**0.281576**	**0.000028**	**0.000029**	**-5.9**	**1.0**	**1.0**	**2678**	**63**
MORT119266-099	14.02.2022	12849	20:59:04	38.1	1869	90.6	8.1	-1.34	-1.39	1.03	0.055438	0.000537	0.001298	0.000007	0.281427	0.000077	0.000081	0.281416	0.000037	0.000039	*a*	**0.281416**	**0.000037**	**0.000039**	**0.281370**	**0.000037**	**0.000039**	**-7.9**	**1.3**	**1.4**	**2976**	**83**
MORT119266-100	14.02.2022	12849	21:00:26	38.1	1506	-101.7	10.2	-1.35	-1.40	1.04	0.033643	0.000223	0.000797	0.000003	0.281761	0.000057	0.000060	0.281757	0.000027	0.000029	*a*	**0.281757**	**0.000027**	**0.000029**	**0.281735**	**0.000027**	**0.000029**	**-3.3**	**1.0**	**1.0**	**2417**	**61**

MORT119266-101	14.02.2022	12849	21:05:56	38.1	2845	-62.9	9.3	-1.33	-1.37	1.03	0.109681	0.003218	0.002149	0.000054	0.281104	0.000072	0.000075	0.281044	0.000034	0.000036	*b*	0.281104	0.000072	0.000075	0.280987	0.000072	0.000075	1.2	2.6	2.7	3197	157
MORT119266-102	14.02.2022	12849	21:07:17	38.0	1613	100.8	10.4	-1.34	-1.36	1.01	0.017445	0.000112	0.000398	0.000001	0.281670	0.000054	0.000056	0.281661	0.000027	0.000028	*a*	0.281661	0.000027	0.000028	0.281648	0.000027	0.000028	-3.9	1.0	1.0	2537	61
MORT119266-103	14.02.2022	12849	21:08:38	38.0	2749	52.4	9.2	-1.34	-1.41	1.05	0.044469	0.000518	0.000996	0.000013	0.281083	0.000066	0.000069	0.281087	0.000032	0.000033	*a*	0.281087	0.000032	0.000033	0.281034	0.000032	0.000033	0.7	1.1	1.2	3155	70
MORT119266-104	14.02.2022	12849	21:09:59	38.0	1511	123.1	9.5	-1.34	-1.39	1.04	0.036744	0.000604	0.000840	0.000011	0.281739	0.000061	0.000064	0.281740	0.000030	0.000031	*a*	0.281740	0.000030	0.000031	0.281716	0.000030	0.000031	-3.8	1.0	1.1	2455	67
MORT119266-105	14.02.2022	12849	21:11:21	38.0	1474	-150.4	10.1	-1.34	-1.33	1.00	0.026416	0.000279	0.000635	0.000005	0.281751	0.000057	0.000060	0.281730	0.000030	0.000032	*a*	0.281730	0.000030	0.000032	0.281712	0.000030	0.000032	-4.8	1.1	1.1	2485	68
MORT119266-106	14.02.2022	12849	21:12:42	38.1	2686	-42.0	11.6	-1.34	-1.37	1.03	0.085064	0.004363	0.001605	0.000076	0.281052	0.000058	0.000061	0.281005	0.000028	0.000029	*a*	0.281005	0.000028	0.000029	0.280923	0.000028	0.000029	-4.8	1.0	1.0	3425	61
MORT119266-107	14.02.2022	12849	21:14:03	38.0	1466	232.2	9.6	-1.35	-1.38	1.02	0.027011	0.000149	0.000633	0.000002	0.281715	0.000059	0.000062	0.281697	0.000030	0.000031	*a*	0.281697	0.000030	0.000031	0.281679	0.000030	0.000031	-6.2	1.1	1.1	2561	68
MORT119266-108	14.02.2022	12849	21:15:24	35.1	1939	142.8	10.1	-1.34	-1.41	1.05	0.026571	0.000684	0.000664	0.000025	0.281591	0.000065	0.000068	0.281587	0.000032	0.000034	*a*	0.281587	0.000032	0.000034	0.281562	0.000032	0.000034	0.6	1.2	1.2	2524	73
MORT119266-109	14.02.2022	12849	21:16:45	38.1	2096	-110.6	8.1	-1.33	-1.40	1.05	0.085215	0.001082	0.001891	0.000016	0.281383	0.000074	0.000078	0.281376	0.000035	0.000037	*a*	0.281376	0.000035	0.000037	0.281300	0.000035	0.000037	-5.1	1.3	1.3	2985	79
MORT119266-110	14.02.2022	12849	21:18:07	38.2	1840	-60.7	11.5	-1.34	-1.38	1.03	0.065557	0.000502	0.001480	0.000014	0.281648	0.000054	0.000057	0.281628	0.000025	0.000027	*a*	0.281628	0.000025	0.000027	0.281576	0.000025	0.000027	-1.2	0.9	1.0	2553	57
MORT119266-111	14.02.2022	12849	21:24:56	38.1	1466	140.2	10.3	-1.34	-1.41	1.05	0.017286	0.000056	0.000425	0.000002	0.281736	0.000059	0.000062	0.281736	0.000028	0.000029	*a*	0.281736	0.000028	0.000029	0.281724	0.000028	0.000029	-4.6	1.0	1.0	2464	63
MORT119266-112	14.02.2022	12849	21:26:17	38.0	1497	-151.5	9.7	-1.34	-1.39	1.04	0.022339	0.000283	0.000539	0.000008	0.281732	0.000058	0.000061	0.281731	0.000029	0.000031	*a*	0.281731	0.000029	0.000031	0.281715	0.000029	0.000031	-4.2	1.0	1.1	2464	66
MORT119266-113	14.02.2022	12849	21:27:39	38.0	1509	-70.4	10.2	-1.34	-1.40	1.05	0.017848	0.000046	0.000430	0.000002	0.281815	0.000058	0.000061	0.281818	0.000027	0.000029	*a*	0.281818	0.000027	0.000029	0.281806	0.000027	0.000029	-0.7	1.0	1.0	2262	62
MORT119266-114	14.02.2022	12849	21:29:00	38.0	1453	-182.5	10.0	-1.34	-1.42	1.06	0.017434	0.000100	0.000404	0.000001	0.281671	0.000054	0.000056	0.281673	0.000027	0.000028	*a*	0.281673	0.000027	0.000028	0.281662	0.000027	0.000028	-7.1	1.0	1.0	2607	61
MORT119266-115	14.02.2022	12849	21:30:21	38.0	1586	-151.8	9.3	-1.34	-1.40	1.05	0.018339	0.000374	0.000438	0.000010	0.281739	0.000061	0.000064	0.281750	0.000031	0.000032	*a*	0.281750	0.000031	0.000032	0.281737	0.000031	0.000032	-1.4	1.1	1.2	2363	70
MORT119266-116	14.02.2022	12849	21:31:42	38.0	1900	-110.2	9.1	-1.34	-1.41	1.05	0.012867	0.000283	0.000279	0.000008	0.281524	0.000069	0.000073	0.281538	0.000032	0.000034	*a*	0.281538	0.000032	0.000034	0.281528	0.000032	0.000034	-1.6	1.1	1.2	2621	72
MORT119266-117	14.02.2022	12849	21:33:03	38.0	1621	-52.65	14.4	-1.33	-1.36	1.03	0.438137	0.009990	0.007395	0.000183	0.281737	0.000077	0.000081	0.281479	0.000043	0.000045	*b*	0.281737	0.000077	0.000081	0.281510	0.000077	0.000081	-8.6	2.7	2.9	2829	173
MORT119266-118	14.02.2022	12849	21:34:24	38.0	1494	122.0	10.0	-1.33	-1.33	1.00	0.019593	0.000100	0.000481	0.000003	0.281757	0.000059	0.000062	0.281736	0.000030	0.000032	*a*	0.281736	0.000030	0.000032	0.281723	0.000030	0.000032	-4.0	1.1	1.1	2450	68
MORT119266-119	14.02.2022	12849	21:35:46	38.0	2117	70.3	10.8	-1.35	-1.40	1.03	0.011864	0.000378	0.000271	0.000008	0.281405	0.000054	0.000057	0.281415	0.000027	0.000029	*a*	0.281415	0.000027	0.000029	0.281404	0.000027	0.000029	-0.9	1.0	1.0	2753	61
MORT119266-120	14.02.2022	12849	21:37:07	38.2	2749	40.3	7.6	-1.33	-1.39	1.05	0.027777	0.000530	0.000763	0.000011	0.281041	0.000075	0.000079	0.281046	0.000036	0.000038	*a*	0.281046	0.000036	0.000038	0.281006	0.000036	0.000038	-0.3	1.3	1.3	3214	79

STAI119268

STAI119268-001	21.02.2022	12859	11:36:57	38.0	2710	8	-5.9	6	-2	-1.5	0.99	0.06	0.00	0.001409	0.000036	0.281164	0.000090	0.000095	0.281170	0.000043	0.000045	*a*	0.281170	0.000043	0.000045	0.281097	0.000043	0.000045	2.0	1.5	1.6	3046	95
~~STAI119268-002~~	~~21.02.2022~~	~~12859~~	~~11:38:17~~	~~4.9~~	~~1701~~	~~14~~	~~-74.7~~	~~15~~	~~-2~~	~~-1.5~~	~~0.96~~	~~0.59~~	~~0.02~~	~~0.010555~~	~~0.000111~~	~~0.281913~~	~~0.000297~~	~~0.000312~~	~~0.281881~~	~~0.000244~~	~~0.000256~~	~~*a*~~	~~0.281881~~	~~0.000244~~	~~0.000256~~	~~0.281541~~	~~0.000244~~	~~0.000256~~	~~-5.7~~	~~8.7~~	~~9.1~~	~~2713~~	~~549~~
STAI119268-004	21.02.2022	12859	11:39:39	38.0	2373	11	-2.6	7	-2	-1.5	1.01	0.02	0.00	0.000478	0.000017	0.281184	0.000082	0.000087	0.281202	0.000040	0.000042	*a*	0.281202	0.000040	0.000042	0.281180	0.000040	0.000042	-2.9	1.4	1.5	3072	87
STAI119268-005	21.02.2022	12859	11:41:00	38.0	1895	5	-3.5	7	-2	-1.5	0.99	0.04	0.00	0.000932	0.000013	0.281647	0.000091	0.000096	0.281667	0.000042	0.000044	*a*	0.281667	0.000042	0.000044	0.281634	0.000042	0.000044	2.1	1.5	1.6	2397	95
STAI119268-006	21.02.2022	12859	11:42:22	38.0	2697	2	-1.6	8	-2	-1.5	0.95	0.02	0.00	0.000436	0.000013	0.281088	0.000067	0.000071	0.281096	0.000034	0.000036	*a*	0.281096	0.000034	0.000036	0.281074	0.000034	0.000036	0.9	1.2	1.3	3103	75
STAI119268-007	21.02.2022	12859	11:43:43	35.6	2309	7	-2.9	8	-2	-1.6	1.02	0.03	0.00	0.000766	0.000011	0.281185	0.000078	0.000082	0.281231	0.000037	0.000038	*a*	0.281231	0.000037	0.000038	0.281197	0.000037	0.000038	-3.8	1.3	1.4	3075	81
STAI119268-008	21.02.2022	12859	11:45:04	38.0	1870	7	-2.2	6	-2	-1.5	0.99	0.05	0.00	0.001124	0.000012	0.281464	0.000104	0.000109	0.281493	0.000047	0.000049	*a*	0.281493	0.000047	0.000049	0.281453	0.000047	0.000049	-4.9	1.7	1.7	2799	105
STAI119268-009	21.02.2022	12859	11:46:25	38.0	2668	6	-9.1	7	-2	-1.5	0.97	0.05	0.00	0.001177	0.000026	0.281143	0.000082	0.000086	0.281155	0.000039	0.000041	*a*	0.281155	0.000039	0.000041	0.281095	0.000039	0.000041	0.9	1.4	1.4	3077	85
STAI119268-010	21.02.2022	12859	11:47:46	21.8	2699	3	-2.2	7	-2	-1.5	0.98	0.06	0.00	0.001202	0.000058	0.281157	0.000115	0.000121	0.281160	0.000052	0.000055	*a*	0.281160	0.000052	0.000055	0.281098	0.000052	0.000055	1.8	1.9	2.0	3050	115

STAI119268-011	21.02.2022	12859	11:54:42	38.0	2707	4	-2.0	7	-2	-1.5	0.97	0.02	0.00	0.000545	0.000009	0.281130	0.000072	0.000075	0.281125	0.000035	0.000037	*a*	0.281125	0.000035	0.000037	0.281096	0.000035	0.000037	1.9	1.3	1.3	3050	78
~~STAI119268-012~~	~~21.02.2022~~	~~12859~~	~~11:56:03~~	~~7.9~~	~~3517~~	~~296~~	-99.9	~~0~~	~~-1~~	~~4.8~~	~~-6.73~~	~~0.08~~	~~0.01~~	~~0.000355~~	~~0.000476~~	~~0.080434~~	~~0.204546~~	~~0.214773~~	~~0.281696~~	~~0.015886~~	~~0.016680~~	~~*b*~~	~~0.080434~~	~~0.204546~~	~~0.214773~~	~~0.080410~~	~~0.204546~~	~~0.214773~~	~~-7133.4~~	~~25437.7~~	~~26709.6~~	~~119386~~	~~159729~~
STAI119268-013	21.02.2022	12859	11:57:24	38.0	2663	3	-7.2	6	-2	-1.4	0.93	0.05	0.00	0.001060	0.000015	0.281170	0.000105	0.000111	0.281144	0.000049	0.000052	*a*	0.281144	0.000049	0.000052	0.281090	0.000049	0.000052	0.7	1.8	1.8	3088	109
STAI119268-014	21.02.2022	12859	11:58:45	38.0	2363	3	-1.2	10	-2	-1.5	0.96	0.23	0.00	0.004113	0.000075	0.281402	0.000085	0.000090	0.281338	0.000041	0.000043	*b*	0.281402	0.000085	0.000090	0.281217	0.000086	0.000090	-1.9	3.0	3.2	3001	189
~~STAI119268-015~~	~~21.02.2022~~	~~12859~~	~~12:00:06~~	~~3.0~~	~~3591~~	~~277~~	-99.8	~~0~~	~~-2~~	~~-1.1~~	~~1.26~~	~~0.51~~	~~0.02~~	~~0.004748~~	~~0.000257~~	~~0.283248~~	~~0.017745~~	~~0.018632~~	~~0.279923~~	~~0.009806~~	~~0.010296~~	~~*b*~~	~~0.283248~~	~~0.017745~~	~~0.018632~~	~~0.282918~~	~~0.017745~~	~~0.018632~~	~~87.8~~	~~627.2~~	~~658.6~~	~~-1428~~	~~82357~~
STAI119268-016	21.02.2022	12859	12:01:28	38.0	1905	5	-0.7	10	-2	-1.5	0.99	0.04	0.00	0.000658	0.000012	0.281644	0.000063	0.000066	0.281673	0.000034	0.000036	*a*	0.281673	0.000034	0.000036	0.281649	0.000034	0.000036	2.9	1.2	1.3	2358	77
STAI119268-017	21.02.2022	12859	12:02:49	38.0	2470	18	-16.8	7	-2	-1.6	1.00	0.03	0.00	0.000580	0.000009	0.281171	0.000074	0.000077	0.281196	0.000035	0.000037	*a*	0.281196	0.000035	0.000037	0.281169	0.000035	0.000037	-1.1	1.2	1.3	3038	78
STAI119268-018	21.02.2022	12859	12:04:10	33.3	2704	2	-0.8	8	-2	-1.5	0.97	0.04	0.00	0.000947	0.000026	0.281114	0.000096	0.000101	0.281109	0.000040	0.000042	*a*	0.281109	0.000040	0.000042	0.281060	0.000040	0.000042	0.5	1.4	1.5	3128	88
STAI119268-019	21.02.2022	12859	12:05:31	19.9	2744	3	-0.9	9	-2	-1.5	0.97	0.08	0.01	0.001625	0.000117	0.281171	0.000102	0.000107	0.281200	0.000046	0.000048	*a*	0.281200	0.000046	0.000048	0.281115	0.000046	0.000048	3.4	1.6	1.7	2989	101
STAI119268-020	21.02.2022	12859	12:06:52	38.0	2757	4	-0.2	7	-2	-1.5	0.97	0.09	0.00	0.001835	0.000050	0.281130	0.000085	0.000089	0.281132	0.000041	0.000043	*a*	0.281132	0.000041	0.000043	0.281035	0.000041	0.000043	0.9	1.5	1.5	3150	91
STAI119268-021	21.02.2022	12859	12:12:39	38.0	2836	3	-1.1	6	-2	-1.5	0.97	0.06	0.00	0.001446	0.000038	0.281179	0.000091	0.000096	0.281177	0.000043	0.000045	*a*	0.281177	0.000043	0.000045	0.281098	0.000043	0.000045	5.0	1.5	1.6	2971	95
STAI119268-022	21.02.2022	12859	12:14:00	38.0	2237	6	-36.9	7	-2	-1.5	0.95	0.11	0.00	0.002247	0.000030	0.281151	0.000106	0.000111	0.281119	0.000049	0.000052	*a*	0.281119	0.000049	0.000052	0.281023	0.000049	0.000052	-11.7	1.7	1.8	3483	108
STAI119268-023	21.02.2022	12859	12:15:21	34.2	2713	4	0.0	7	-2	-1.5	0.96	0.03	0.00	0.000624	0.000024	0.281146	0.000101	0.000106	0.281125	0.000049	0.000052	*a*	0.281125	0.000049	0.000052	0.281092	0.000049	0.000052	1.9	1.8	1.8	3055	109
STAI119268-024	21.02.2022	12859	12:16:42	38.0	1897	8	-2.5	7	-2	-1.5	0.99	0.04	0.00	0.000834	0.000014	0.281569	0.000082	0.000086	0.281588	0.000041	0.000043	*a*	0.281588	0.000041	0.000043	0.281558	0.000041	0.000043	-0.6	1.5	1.5	2557	92
STAI119268-025	21.02.2022	12859	12:18:04	38.1	2730	2	1.0	7	-2	-1.5	0.96	0.03	0.00	0.000661	0.000013	0.281130	0.000088	0.000093	0.281135	0.000041	0.000043	*a*	0.281135	0.000041	0.000043	0.281100	0.000041	0.000043	2.6	1.5	1.5	3028	91
STAI119268-026	21.02.2022	12859	12:19:25	35.2	2499	5	0.4	9	-2	-1.4	0.94	0.10	0.01	0.002162	0.000219	0.281395	0.000088	0.000093	0.281283	0.000041	0.000043	*b*	0.281395	0.000088	0.000093	0.281292	0.000089	0.000093	4.0	3.2	3.3	2762	198
STAI119268-027	21.02.2022	12859	12:20:46	30.7	2448	6	-1.1	8	-2	-1.5	0.98	0.02	0.00	0.000530	0.000019	0.281257	0.000076	0.000080	0.281249	0.000037	0.000039	*a*	0.281249	0.000037	0.000039	0.281224	0.000037	0.000039	0.4	1.3	1.4	2936	81
STAI119268-028	21.02.2022	12859	12:22:07	38.1	2429	7	-0.7	7	-2	-1.5	0.96	0.02	0.00	0.000390	0.000005	0.281182	0.000081	0.000085	0.281179	0.000040	0.000042	*a*	0.281179	0.000040	0.000042	0.281161	0.000040	0.000042	-2.3	1.4	1.5	3079	89
STAI119268-029	21.02.2022	12859	12:23:28	38.0	2511	4	-42.8	8	-2	-1.5	0.96	0.08	0.00	0.001623	0.000039	0.281132	0.000075	0.000079	0.281130	0.000035	0.000036	*a*	0.281130	0.000035	0.000036	0.281052	0.000035	0.000036	-4.3	1.2	1.3	3259	76
STAI119268-030	21.02.2022	12859	12:24:50	38.1	2717	3	-1.2	9	-2	-1.6	1.03	0.01	0.00	0.000332	0.000015	0.281111	0.000062	0.000065	0.281137	0.000031	0.000033	*a*	0.281137	0.000031	0.000033	0.281119	0.000031	0.000033	2.9	1.1	1.2	2996	69
STAI119268-031	21.02.2022	12859	12:31:46	38.0	2476	7	-50.8	11	-2	-1.5	0.96	0.11	0.00	0.002008	0.000031	0.281150	0.000070	0.000073	0.281142	0.000031	0.000033	*a*	0.281142	0.000031	0.000033	0.281047	0.000031	0.000033	-5.3	1.1	1.2	3289	69
STAI119268-032	21.02.2022	12859	12:33:07	38.1	1935	4	-6.5	8	-2	-1.5	0.97	0.04	0.00	0.000824	0.000006	0.281616	0.000074	0.000078	0.281637	0.000035	0.000037	*a*	0.281637	0.000035	0.000037	0.281607	0.000035	0.000037	2.0	1.3	1.3	2431	80
STAI119268-034	21.02.2022	12859	12:34:28	38.0	2713	2	-6.5	10	-2	-1.5	0.96	0.15	0.00	0.002864	0.000058	0.281230	0.000075	0.000079	0.281200	0.000036	0.000038	*a*	0.281200	0.000036	0.000038	0.281051	0.000036	0.000038	0.4	1.3	1.3	3141	79
STAI119268-035	21.02.2022	12859	12:35:49	38.1	2011	4	-36.2	11	-2	-1.5	0.97	0.30	0.00	0.005464	0.000029	0.281271	0.000079	0.000083	0.281317	0.000040	0.000042	*a*	0.281317	0.000040	0.000042	0.281108	0.000040	0.000042	-13.9	1.4	1.5	3442	87
STAI119268-036	21.02.2022	12859	12:37:10	22.1	2702	2	-1.4	9	-2	-1.5	0.99	0.02	0.00	0.000508	0.000009	0.281002	0.000079	0.000083	0.281022	0.000038	0.000040	*a*	0.281022	0.000038	0.000040	0.280995	0.000038	0.000040	-1.8	1.4	1.4	3264	83
STAI119268-037	21.02.2022	12859	12:38:32	38.1	2459	5	-62.2	10	-2	-1.5	0.97	0.22	0.00	0.003970	0.000034	0.281227	0.000075	0.000079	0.281244	0.000036	0.000038	*a*	0.281244	0.000036	0.000038	0.281058	0.000036	0.000038	-5.3	1.3	1.3	3278	79
STAI119268-038	21.02.2022	12859	12:39:53	38.1	2783	4	-9.5	7	-2	-1.5	0.98	0.05	0.00	0.001052	0.000038	0.281158	0.000081	0.000085	0.281182	0.000039	0.000040	*a*	0.281182	0.000039	0.000040	0.281126	0.000039	0.000041	4.7	1.4	1.4	2944	85
STAI119268-040	21.02.2022	12859	12:41:14	22.5	2785	5	0.2	8	-2	-1.5	0.99	0.07	0.00	0.001446	0.000033	0.281153	0.000093	0.000098	0.281177	0.000046	0.000048	*a*	0.281177	0.000046	0.000048	0.281100	0.000046	0.000048	3.8	1.6	1.7	2997	101
~~STAI119268-041~~	~~21.02.2022~~	~~12859~~	~~12:47:01~~	~~1.7~~	~~2802~~	~~3~~	~~1.0~~	~~6~~	~~-1~~	~~-1.3~~	~~1.06~~	~~0.18~~	~~0.00~~	~~0.002670~~	~~0.000038~~	~~0.280759~~	~~0.001764~~	~~0.001852~~	~~0.281198~~	~~0.000289~~	~~0.000303~~	~~*b*~~	~~0.280759~~	~~0.001764~~	~~0.001852~~	~~0.280616~~	~~0.001764~~	~~0.001852~~	~~-13.0~~	~~62.9~~	~~66.0~~	~~3992~~	~~3953~~
STAI119268-042	21.02.2022	12859	12:48:22	21.6	1507	5	-1.6	9	-2	-1.5	0.97	0.03	0.00	0.000676	0.000005	0.281878	0.000088	0.000093	0.281885	0.000044	0.000046	*a*	0.281885	0.000044	0.000046	0.281865	0.000044	0.000046	1.4	1.6	1.6	2135	100

STAI119268-043	21.02.2022	12859	12:49:44	38.0	2721	4	-19.7	8	-2	-1.5	0.98	0.07	0.00	0.001323	0.000056	0.281073	0.000069	0.000073	0.281108	0.000035	0.000037	*a*	0.281108	0.000035	0.000037	0.281039	0.000035	0.000037	0.2	1.3	1.3	3161	77
STAI119268-044	21.02.2022	12859	12:51:05	38.2	1806	8	-1.8	7	-2	-1.6	1.03	0.02	0.00	0.000478	0.000012	0.281490	0.000082	0.000086	0.281519	0.000041	0.000043	*a*	0.281519	0.000041	0.000043	0.281503	0.000041	0.000043	-4.6	1.5	1.5	2731	92
~~STAI119268-045~~	~~21.02.2022~~	~~12859~~	~~12:52:25~~	~~1.7~~	~~2571~~	~~3~~	~~-23.8~~	~~8~~	~~-1~~	~~-1.3~~	~~0.92~~	~~0.11~~	~~0.01~~	~~0.001830~~	~~0.000051~~	~~0.281150~~	~~0.000481~~	~~0.000505~~	~~0.281043~~	~~0.000290~~	~~0.000304~~	~~*b*~~	~~0.281150~~	~~0.000481~~	~~0.000505~~	~~0.281060~~	~~0.000481~~	~~0.000505~~	~~-2.6~~	~~17.1~~	~~18.0~~	~~3206~~	~~1067~~
STAI119268-046	21.02.2022	12859	12:53:48	38.0	2886	2	0.7	7	-2	-1.4	0.95	0.05	0.00	0.001060	0.000030	0.281044	0.000081	0.000085	0.281034	0.000039	0.000041	*a*	0.281034	0.000039	0.000041	0.280975	0.000039	0.000041	1.8	1.4	1.4	3199	85
STAI119268-047	21.02.2022	12859	12:55:09	38.0	1924	4	-1.8	5	-2	-1.5	0.97	0.05	0.00	0.001226	0.000023	0.281756	0.000110	0.000116	0.281780	0.000053	0.000055	*a*	0.281780	0.000053	0.000055	0.281735	0.000053	0.000056	6.3	1.9	2.0	2163	119
STAI119268-048	21.02.2022	12859	12:56:30	38.0	2472	9	-1.8	7	-2	-1.5	0.96	0.03	0.00	0.000754	0.000006	0.281299	0.000072	0.000076	0.281285	0.000040	0.000042	*a*	0.281285	0.000040	0.000042	0.281249	0.000040	0.000042	1.8	1.4	1.5	2868	88
STAI119268-050	21.02.2022	12859	12:57:51	30.1	2435	7	-1.8	7	-2	-1.5	1.01	0.02	0.00	0.000506	0.000008	0.281145	0.000084	0.000089	0.281171	0.000041	0.000043	*a*	0.281171	0.000041	0.000043	0.281148	0.000041	0.000043	-2.6	1.5	1.5	3103	90
STAI119268-051	21.02.2022	12859	13:04:47	38.1	2939	6	-35.3	8	-1	-1.5	0.97	0.03	0.00	0.000781	0.000013	0.281083	0.000076	0.000080	0.281084	0.000035	0.000036	*a*	0.281084	0.000035	0.000036	0.281040	0.000035	0.000036	5.4	1.2	1.3	3031	76
STAI119268-052	21.02.2022	12859	13:06:08	38.0	2742	3	-2.0	8	-2	-1.4	0.94	0.01	0.00	0.000197	0.000006	0.281084	0.000069	0.000073	0.281084	0.000035	0.000037	*a*	0.281084	0.000035	0.000037	0.281074	0.000035	0.000037	1.9	1.2	1.3	3077	77
~~STAI119268-053~~	~~21.02.2022~~	~~12859~~	~~13:07:28~~	~~1.4~~	~~1907~~	~~4~~	~~-8.1~~	~~6~~	~~-1~~	~~-1.6~~	~~1.08~~	~~0.08~~	~~0.00~~	~~0.001333~~	~~0.000055~~	~~0.281241~~	~~0.000782~~	~~0.000821~~	~~0.281677~~	~~0.000201~~	~~0.000211~~	~~*b*~~	~~0.281241~~	~~0.000782~~	~~0.000821~~	~~0.281193~~	~~0.000782~~	~~0.000821~~	~~-13.3~~	~~27.8~~	~~29.2~~	~~3325~~	~~1757~~
STAI119268-054	21.02.2022	12859	13:08:50	33.3	2983	7	0.1	9	-2	-1.5	1.00	0.04	0.00	0.000920	0.000046	0.281010	0.000068	0.000072	0.281028	0.000035	0.000037	*a*	0.281028	0.000035	0.000037	0.280975	0.000035	0.000037	4.1	1.2	1.3	3141	76
~~STAI119268-055~~	~~21.02.2022~~	~~12859~~	~~13:10:11~~	~~12.1~~	~~2446~~	~~5~~	~~-1.5~~	~~7~~	~~-2~~	~~-1.5~~	~~0.97~~	~~0.07~~	~~0.00~~	~~0.001945~~	~~0.000043~~	~~0.281132~~	~~0.000174~~	~~0.000182~~	~~0.281119~~	~~0.000080~~	~~0.000084~~	~~*a*~~	~~0.281119~~	~~0.000080~~	~~0.000084~~	~~0.281028~~	~~0.000080~~	~~0.000084~~	~~-6.7~~	~~2.8~~	~~3.0~~	~~3348~~	~~176~~
STAI119268-056	21.02.2022	12859	13:11:33	38.0	1898	5	-2.0	7	-2	-1.5	0.97	0.05	0.00	0.001002	0.000008	0.281703	0.000083	0.000087	0.281727	0.000041	0.000043	*a*	0.281727	0.000041	0.000043	0.281691	0.000041	0.000043	4.2	1.4	1.5	2272	92
STAI119268-057	21.02.2022	12859	13:12:54	38.0	2653	5	-0.6	7	-2	-1.5	0.98	0.06	0.00	0.001376	0.000067	0.281181	0.000086	0.000091	0.281197	0.000042	0.000044	*a*	0.281197	0.000042	0.000044	0.281127	0.000042	0.000045	1.7	1.5	1.6	3018	94
STAI119268-058	21.02.2022	12859	13:14:15	38.1	2698	5	-11.9	10	-2	-1.5	0.96	0.22	0.01	0.004275	0.000205	0.281232	0.000082	0.000086	0.281177	0.000042	0.000044	*a*	0.281177	0.000042	0.000044	0.280956	0.000043	0.000045	-3.3	1.5	1.6	3349	94
STAI119268-059	21.02.2022	12859	13:15:36	38.0	2713	3	-0.8	9	-2	-1.5	0.99	0.03	0.00	0.000756	0.000024	0.281032	0.000070	0.000073	0.281049	0.000034	0.000035	*a*	0.281049	0.000034	0.000035	0.281010	0.000034	0.000035	-1.0	1.2	1.3	3227	74
STAI119268-060	21.02.2022	12859	13:16:57	20.2	2728	4	-3.1	11	-2	-1.5	0.98	0.03	0.00	0.000622	0.000009	0.281156	0.000076	0.000080	0.281170	0.000036	0.000038	*a*	0.281170	0.000036	0.000038	0.281137	0.000036	0.000038	3.8	1.3	1.3	2951	79
STAI119268-061	21.02.2022	12859	13:22:42	38.0	2615	3	-42.0	7	-2	-1.5	0.97	0.12	0.00	0.002317	0.000094	0.281154	0.000093	0.000098	0.281138	0.000042	0.000044	*a*	0.281138	0.000042	0.000044	0.281022	0.000042	0.000044	-2.9	1.5	1.6	3260	93
STAI119268-062	21.02.2022	12859	13:24:03	38.1	2479	5	-2.3	7	-2	-1.5	0.97	0.06	0.00	0.001237	0.000017	0.281307	0.000090	0.000094	0.281320	0.000045	0.000047	*a*	0.281320	0.000045	0.000047	0.281261	0.000045	0.000047	2.4	1.6	1.7	2838	99
STAI119268-063	21.02.2022	12859	13:25:25	38.0	2744	4	-7.6	9	-2	-1.5	0.98	0.09	0.00	0.001818	0.000029	0.281069	0.000071	0.000075	0.281078	0.000033	0.000035	*a*	0.281078	0.000033	0.000035	0.280983	0.000033	0.000035	-1.3	1.2	1.2	3266	73
STAI119268-064	21.02.2022	12859	13:26:46	38.0	2727	5	-1.8	7	-2	-1.5	0.97	0.02	0.00	0.000397	0.000004	0.281135	0.000081	0.000086	0.281142	0.000038	0.000040	*a*	0.281142	0.000038	0.000040	0.281121	0.000038	0.000040	3.2	1.3	1.4	2986	83
STAI119268-065	21.02.2022	12859	13:28:07	38.1	2763	3	-0.7	8	-2	-1.5	0.98	0.03	0.00	0.000646	0.000008	0.281170	0.000070	0.000073	0.281170	0.000035	0.000037	*a*	0.281170	0.000035	0.000037	0.281136	0.000035	0.000037	4.6	1.3	1.3	2935	78
STAI119268-066	21.02.2022	12859	13:29:28	17.5	2793	3	-1.2	9	-2	-1.5	0.97	0.09	0.01	0.001881	0.000116	0.281200	0.000104	0.000110	0.281203	0.000052	0.000055	*a*	0.281203	0.000052	0.000055	0.281102	0.000053	0.000055	4.1	1.9	2.0	2987	116
STAI119268-068	21.02.2022	12859	13:30:49	21.4	2755	7	2.9	6	-1	-1.4	0.98	0.03	0.00	0.000743	0.000043	0.281121	0.000118	0.000124	0.281128	0.000055	0.000058	*a*	0.281128	0.000055	0.000058	0.281089	0.000055	0.000058	2.7	2.0	2.1	3037	121
STAI119268-069	21.02.2022	12859	13:32:11	38.0	2763	4	2.1	7	-2	-1.5	0.97	0.02	0.00	0.000476	0.000007	0.281058	0.000082	0.000087	0.281067	0.000038	0.000040	*a*	0.281067	0.000038	0.000040	0.281042	0.000038	0.000040	1.3	1.4	1.4	3131	84
~~STAI119268-070~~	~~21.02.2022~~	~~12859~~	~~13:33:32~~	~~14.1~~	~~2749~~	~~2~~	~~0.3~~	~~9~~	~~-2~~	~~-1.5~~	~~0.99~~	~~0.04~~	~~0.00~~	~~0.000868~~	~~0.000038~~	~~0.281090~~	~~0.000107~~	~~0.000113~~	~~0.281077~~	~~0.000057~~	~~0.000060~~	~~*a*~~	~~0.281077~~	~~0.000057~~	~~0.000060~~	~~0.281031~~	~~0.000057~~	~~0.000060~~	~~0.5~~	~~2.0~~	~~2.1~~	~~3162~~	~~125~~
STAI119268-071	21.02.2022	12859	13:40:27	38.0	2749	3	-2.2	8	-2	-1.5	0.97	0.03	0.00	0.000621	0.000003	0.281153	0.000072	0.000076	0.281155	0.000032	0.000033	*a*	0.281155	0.000032	0.000033	0.281122	0.000032	0.000033	3.8	1.1	1.2	2972	69
~~STAI119268-072~~	~~21.02.2022~~	~~12859~~	~~13:41:46~~	~~1.1~~	~~2670~~	~~3~~	~~-7.9~~	~~1~~	~~-1~~	~~0.2~~	~~-3.15~~	~~0.07~~	~~0.00~~	~~0.001151~~	~~0.000051~~	~~0.282514~~	~~0.004043~~	~~0.004245~~	~~0.281102~~	~~0.001898~~	~~0.001993~~	~~*b*~~	~~0.282514~~	~~0.004043~~	~~0.004245~~	~~0.282455~~	~~0.004043~~	~~0.004245~~	~~49.4~~	~~143.1~~	~~150.3~~	~~145~~	~~10333~~
STAI119268-073	21.02.2022	12859	13:43:09	20.1	2489	4	-0.7	9	-2	-1.5	0.99	0.08	0.00	0.001641	0.000005	0.281322	0.000096	0.000100	0.281352	0.000042	0.000045	*a*	0.281352	0.000042	0.000045	0.281274	0.000042	0.000045	3.1	1.5	1.6	2805	94
STAI119268-074	21.02.2022	12859	13:44:31	38.0	2821	4	-1.2	7	-2	-1.4	0.92	0.01	0.00	0.000241	0.000001	0.281048	0.000079	0.000083	0.281045	0.000037	0.000039	*a*	0.281045	0.000037	0.000039	0.281032	0.000037	0.000039	2.3	1.3	1.4	3117	81
STAI119268-075	21.02.2022	12859	13:45:52	34.6	2723	4	-0.4	6	-2	-1.5	0.92	0.08	0.00	0.002018	0.000092	0.281272	0.000106	0.000112	0.281138	0.000048	0.000050	*b*	0.281272	0.000106	0.000112	0.281166	0.000106	0.000112	4.8	3.8	4.0	2893	235

STAI119268-076	21.02.2022	12859	13:47:13	38.0	3038	4	-4.5	7	-2	-1.5	0.97	0.06	0.00	0.001206	0.000034	0.280891	0.000072	0.000076	0.280872	0.000038	0.000040	*a*	**0.280872**	**0.000038**	**0.000040**	**0.280801**	**0.000038**	**0.000040**	**-0.8**	**1.4**	**1.4**	**3470**	**84**
STAI119268-077	21.02.2022	12859	13:48:34	38.0	2712	3	-1.9	8	-2	-1.5	0.96	0.02	0.00	0.000518	0.000007	0.281158	0.000073	0.000076	0.281150	0.000036	0.000037	*a*	**0.281150**	**0.000036**	**0.000037**	**0.281123**	**0.000036**	**0.000037**	**3.0**	**1.3**	**1.3**	**2990**	**78**
STAI119268-078	21.02.2022	12859	13:49:55	38.0	2710	5	0.9	7	-2	-1.5	0.95	0.01	0.00	0.000230	0.000007	0.281093	0.000072	0.000075	0.281084	0.000038	0.000039	*a*	**0.281084**	**0.000038**	**0.000039**	**0.281072**	**0.000038**	**0.000039**	**1.1**	**1.3**	**1.4**	**3100**	**83**
STAI119268-079	21.02.2022	12859	13:51:16	38.0	2394	10	-3.4	7	-2	-1.5	1.00	0.02	0.00	0.000379	0.000002	0.281138	0.000072	0.000076	0.281162	0.000037	0.000038	*a*	**0.281162**	**0.000037**	**0.000038**	**0.281145**	**0.000037**	**0.000038**	**-3.7**	**1.3**	**1.4**	**3134**	**81**
STAI119268-080	21.02.2022	12859	13:52:38	38.0	2745	3	-2.0	8	-2	-1.5	0.97	0.03	0.00	0.000756	0.000010	0.281098	0.000077	0.000080	0.281093	0.000035	0.000037	*a*	**0.281093**	**0.000035**	**0.000037**	**0.281053**	**0.000035**	**0.000037**	**1.3**	**1.3**	**1.3**	**3117**	**78**
STAI119268-081	21.02.2022	12859	13:58:24	30.5	2736	2	-2.1	7	-2	-1.5	1.01	0.06	0.00	0.001348	0.000027	0.281102	0.000108	0.000114	0.281123	0.000053	0.000056	*a*	**0.281123**	**0.000053**	**0.000056**	**0.281052**	**0.000053**	**0.000056**	**1.0**	**1.9**	**2.0**	**3125**	**117**
STAI119268-082	21.02.2022	12859	13:59:45	38.0	2390	3	-58.1	12	-2	-1.5	0.96	0.30	0.00	0.005189	0.000038	0.281190	0.000078	0.000082	0.281019	0.000039	0.000041	*b*	**0.281190**	**0.000078**	**0.000082**	**0.280953**	**0.000078**	**0.000082**	**-10.6**	**2.8**	**2.9**	**3537**	**172**
STAI119268-083	21.02.2022	12859	14:01:06	34.3	1849	5	-26.3	9	-2	-1.5	0.97	0.21	0.00	0.003849	0.000069	0.281579	0.000089	0.000093	0.281545	0.000042	0.000044	*a*	**0.281545**	**0.000042**	**0.000044**	**0.281410**	**0.000042**	**0.000044**	**-6.9**	**1.5**	**1.6**	**2902**	**94**
STAI119268-084	21.02.2022	12859	14:02:27	38.1	2723	3	-2.5	8	-2	-1.5	0.98	0.03	0.00	0.000569	0.000015	0.281129	0.000071	0.000074	0.281119	0.000034	0.000035	*a*	**0.281119**	**0.000034**	**0.000035**	**0.281089**	**0.000034**	**0.000035**	**2.0**	**1.2**	**1.3**	**3056**	**74**
STAI119268-085	21.02.2022	12859	14:03:48	38.0	2350	5	-5.0	7	-2	-1.5	1.00	0.04	0.00	0.000884	0.000012	0.281186	0.000073	0.000077	0.281206	0.000038	0.000040	*a*	**0.281206**	**0.000038**	**0.000040**	**0.281167**	**0.000038**	**0.000040**	**-4.0**	**1.4**	**1.4**	**3114**	**85**
STAI119268-086	21.02.2022	12859	14:05:10	38.0	2438	7	1.0	7	-2	-1.5	0.99	0.03	0.00	0.000616	0.000022	0.281155	0.000081	0.000085	0.281150	0.000039	0.000041	*a*	**0.281150**	**0.000039**	**0.000041**	**0.281122**	**0.000039**	**0.000041**	**-3.5**	**1.4**	**1.5**	**3156**	**87**
STAI119268-087	21.02.2022	12859	14:06:31	38.0	2721	4	-1.2	8	-2	-1.5	0.97	0.09	0.00	0.001882	0.000033	0.281183	0.000075	0.000079	0.281147	0.000034	0.000036	*a*	**0.281147**	**0.000034**	**0.000036**	**0.281049**	**0.000034**	**0.000036**	**0.5**	**1.2**	**1.3**	**3142**	**75**
STAI119268-088	21.02.2022	12859	14:07:52	38.0	2017	9	2.2	8	-2	-1.5	0.96	0.17	0.00	0.003395	0.000082	0.281722	0.000089	0.000094	0.281587	0.000040	0.000042	*b*	**0.281722**	**0.000089**	**0.000094**	**0.281592**	**0.000089**	**0.000094**	**3.4**	**3.2**	**3.3**	**2414**	**200**
STAI119268-089	21.02.2022	12859	14:09:13	38.2	2736	4	-1.9	9	-2	-1.5	1.00	0.03	0.00	0.000730	0.000017	0.281114	0.000064	0.000067	0.281132	0.000033	0.000035	*a*	**0.281132**	**0.000033**	**0.000035**	**0.281094**	**0.000033**	**0.000035**	**2.5**	**1.2**	**1.2**	**3038**	**72**
STAI119268-090	21.02.2022	12859	14:10:34	38.1	2448	7	-1.1	7	-2	-1.5	0.99	0.03	0.00	0.000607	0.000005	0.281202	0.000078	0.000082	0.281195	0.000038	0.000040	*a*	**0.281195**	**0.000038**	**0.000040**	**0.281167**	**0.000038**	**0.000040**	**-1.7**	**1.4**	**1.4**	**3056**	**85**
~~STAI119268-091~~	~~21.02.2022~~	~~12859~~	~~14:17:28~~	~~1.3~~	~~2675~~	~~3~~	~~-20.1~~	~~4~~	~~-1~~	~~-1.6~~	~~1.20~~	~~0.09~~	~~0.01~~	~~0.001497~~	~~0.000141~~	~~0.280744~~	~~0.001018~~	~~0.001069~~	~~0.281037~~	~~0.000455~~	~~0.000478~~	~~*b*~~	**~~0.280744~~**	**~~0.001018~~**	**~~0.001069~~**	**~~0.280667~~**	**~~0.001018~~**	**~~0.001069~~**	**~~-14.1~~**	**~~36.3~~**	**~~38.1~~**	**~~3962~~**	**~~2250~~**
STAI119268-092	21.02.2022	12859	14:18:51	38.0	2837	3	-2.4	8	-1	-1.5	1.01	0.04	0.00	0.000856	0.000021	0.281047	0.000069	0.000072	0.281076	0.000035	0.000036	*a*	**0.281076**	**0.000035**	**0.000036**	**0.281030**	**0.000035**	**0.000036**	**2.6**	**1.2**	**1.3**	**3112**	**76**
STAI119268-093	21.02.2022	12859	14:20:12	28.2	1922	4	-0.8	9	-1	-1.4	0.96	0.04	0.00	0.000767	0.000034	0.281607	0.000077	0.000081	0.281595	0.000038	0.000040	*a*	**0.281595**	**0.000038**	**0.000040**	**0.281567**	**0.000038**	**0.000040**	**0.3**	**1.4**	**1.4**	**2524**	**86**
STAI119268-095	21.02.2022	12859	14:21:34	25.2	1828	4	-0.3	8	-2	-1.4	0.94	0.06	0.01	0.001585	0.000123	0.281375	0.000095	0.000100	0.281291	0.000047	0.000049	*b*	**0.281375**	**0.000095**	**0.000100**	**0.281320**	**0.000095**	**0.000100**	**-10.6**	**3.4**	**3.6**	**3105**	**212**
STAI119268-096	21.02.2022	12859	14:22:55	26.3	2719	3	-0.4	7	-2	-1.5	0.99	0.05	0.00	0.001255	0.000029	0.281125	0.000112	0.000118	0.281126	0.000056	0.000059	*a*	**0.281126**	**0.000056**	**0.000059**	**0.281061**	**0.000056**	**0.000059**	**0.9**	**2.0**	**2.1**	**3117**	**123**
STAI119268-097	21.02.2022	12859	14:24:16	38.0	2749	7	-1.6	7	-2	-1.5	1.01	0.03	0.00	0.000731	0.000009	0.281067	0.000088	0.000092	0.281089	0.000041	0.000043	*a*	**0.281089**	**0.000041**	**0.000043**	**0.281051**	**0.000041**	**0.000043**	**1.2**	**1.4**	**1.5**	**3121**	**89**
STAI119268-098	21.02.2022	12859	14:25:37	38.0	2755	10	-2.8	10	-2	-1.5	0.97	0.15	0.00	0.002899	0.000067	0.281201	0.000075	0.000079	0.281142	0.000036	0.000037	*b*	**0.281201**	**0.000075**	**0.000079**	**0.281048**	**0.000075**	**0.000079**	**1.3**	**2.7**	**2.8**	**3123**	**166**
STAI119268-099	21.02.2022	12859	14:26:58	38.0	2708	4	0.2	9	-2	-1.5	1.00	0.02	0.00	0.000481	0.000006	0.281093	0.000062	0.000066	0.281097	0.000031	0.000033	*a*	**0.281097**	**0.000031**	**0.000033**	**0.281072**	**0.000031**	**0.000033**	**1.1**	**1.1**	**1.2**	**3099**	**69**
STAI119268-100	21.02.2022	12859	14:28:19	38.0	2704	3	-3.3	8	-2	-1.5	0.99	0.04	0.00	0.000822	0.000014	0.281121	0.000074	0.000078	0.281119	0.000035	0.000037	*a*	**0.281119**	**0.000035**	**0.000037**	**0.281076**	**0.000035**	**0.000037**	**1.1**	**1.2**	**1.3**	**3094**	**77**
STAI119268-101	21.02.2022	12859	14:34:05	38.0	2021	6	-2.9	9	-2	-1.5	0.97	0.10	0.00	0.002091	0.000017	0.281613	0.000074	0.000078	0.281583	0.000037	0.000038	*a*	**0.281583**	**0.000037**	**0.000038**	**0.281502**	**0.000037**	**0.000038**	**0.3**	**1.3**	**1.4**	**2601**	**82**
STAI119268-102	21.02.2022	12859	14:35:26	38.0	2577	4	-27.8	9	-2	-1.5	0.98	0.06	0.00	0.001317	0.000025	0.281123	0.000069	0.000072	0.281114	0.000031	0.000033	*a*	**0.281114**	**0.000031**	**0.000033**	**0.281049**	**0.000031**	**0.000033**	**-2.8**	**1.1**	**1.2**	**3226**	**69**
STAI119268-104	21.02.2022	12859	14:36:48	38.0	2495	4	-2.2	8	-2	-1.4	0.92	0.02	0.00	0.000458	0.000012	0.281179	0.000078	0.000082	0.281139	0.000036	0.000038	*a*	**0.281139**	**0.000036**	**0.000038**	**0.281117**	**0.000036**	**0.000038**	**-2.3**	**1.3**	**1.4**	**3132**	**80**
STAI119268-105	21.02.2022	12859	14:38:09	38.0	2435	6	-1.0	8	-2	-1.5	1.00	0.03	0.00	0.000657	0.000006	0.281094	0.000074	0.000078	0.281118	0.000039	0.000041	*a*	**0.281118**	**0.000039**	**0.000041**	**0.281087**	**0.000039**	**0.000041**	**-4.8**	**1.4**	**1.4**	**3230**	**85**
STAI119268-106	21.02.2022	12859	14:39:30	38.0	2436	7	0.1	6	-2	-1.5	1.00	0.03	0.00	0.000735	0.000012	0.281112	0.000091	0.000096	0.281136	0.000041	0.000043	*a*	**0.281136**	**0.000041**	**0.000043**	**0.281102**	**0.000041**	**0.000043**	**-4.2**	**1.4**	**1.5**	**3198**	**90**
STAI119268-107	21.02.2022	12859	14:40:51	38.0	2368	3	-0.1	9	-2	-1.5	0.96	0.03	0.00	0.000679	0.000016	0.281311	0.000061	0.000064	0.281309	0.000033	0.000035	*a*	**0.281309**	**0.000033**	**0.000035**	**0.281279**	**0.000033**	**0.000035**	**0.4**	**1.2**	**1.2**	**2868**	**74**
STAI119268-108	21.02.2022	12859	14:42:12	38.0	2761	2	-0.1	8	-2	-1.5	0.99	0.02	0.00	0.000471	0.000019	0.281042	0.000068	0.000072	0.281056	0.000034	0.000036	*a*	**0.281056**	**0.000034**	**0.000036**	**0.281031**	**0.000034**	**0.000036**	**0.8**	**1.2**	**1.3**	**3155**	**74**

STAI119268-109	21.02.2022	12859	14:43:33	38.1	2983	3	1.2	8	-2	-1.5	1.00	0.05	0.00	0.001187	0.000029	0.280882	0.000071	0.000074	0.280892	0.000034	0.000036	*a*	0.280892	0.000034	0.000036	0.280824	0.000034	0.000036	-1.3	1.2	1.3	3455	75
STAI119268-110	21.02.2022	12859	14:44:55	30.8	2326	11	-1.1	8	-2	-1.4	0.95	0.02	0.00	0.000511	0.000014	0.281195	0.000084	0.000089	0.281172	0.000038	0.000039	*a*	0.281172	0.000038	0.000039	0.281150	0.000038	0.000039	-5.1	1.3	1.4	3164	83
STAI119268-111	21.02.2022	12859	14:51:50	38.0	1884	5	0.1	9	-2	-1.5	0.98	0.03	0.00	0.000787	0.000024	0.281426	0.000064	0.000067	0.281417	0.000033	0.000034	*a*	0.281417	0.000033	0.000034	0.281389	0.000033	0.000034	-6.9	1.2	1.2	2926	73
STAI119268-112	21.02.2022	12859	14:53:11	38.0	2646	4	-33.1	9	-2	-1.5	0.97	0.13	0.00	0.002645	0.000040	0.281222	0.000078	0.000082	0.281165	0.000040	0.000042	*b*	0.281222	0.000078	0.000082	0.281088	0.000078	0.000082	0.2	2.8	2.9	3103	172
STAI119268-114	21.02.2022	12859	14:54:32	29.9	3355	5	-46.9	8	-2	-1.5	0.96	0.16	0.01	0.003538	0.000084	0.280560	0.000106	0.000112	0.280487	0.000050	0.000053	*b*	0.280560	0.000106	0.000112	0.280331	0.000106	0.000112	-10.1	3.8	4.0	4251	228
STAI119268-115	21.02.2022	12859	14:55:53	38.0	2718	4	-0.3	5	-2	-1.6	1.02	0.03	0.00	0.000759	0.000019	0.281058	0.000106	0.000111	0.281101	0.000049	0.000051	*a*	0.281101	0.000049	0.000051	0.281061	0.000049	0.000051	0.9	1.7	1.8	3117	107
STAI119268-116	21.02.2022	12859	14:57:15	38.1	2722	4	-0.7	7	-2	-1.6	1.02	0.02	0.00	0.000443	0.000004	0.281032	0.000075	0.000079	0.281052	0.000040	0.000042	*a*	0.281052	0.000040	0.000042	0.281029	0.000040	0.000042	-0.1	1.4	1.5	3182	88
STAI119268-117	21.02.2022	12859	14:58:36	38.0	2713	4	-1.0	7	-2	-1.5	1.01	0.02	0.00	0.000378	0.000008	0.281122	0.000083	0.000087	0.281128	0.000042	0.000044	*a*	0.281128	0.000042	0.000044	0.281109	0.000042	0.000044	2.5	1.5	1.6	3020	92
STAI119268-118	21.02.2022	12859	14:59:57	38.3	1867	5	-1.6	9	-2	-1.5	0.99	0.05	0.00	0.000987	0.000028	0.281451	0.000067	0.000070	0.281458	0.000032	0.000033	*a*	0.281458	0.000032	0.000033	0.281423	0.000032	0.000033	-6.0	1.1	1.2	2863	71
STAI119268-119	21.02.2022	12859	15:01:19	38.0	2082	8	13.0	9	-2	-1.5	0.97	0.03	0.00	0.000533	0.000003	0.281431	0.000065	0.000068	0.281429	0.000033	0.000034	*a*	0.281429	0.000033	0.000034	0.281408	0.000033	0.000034	-1.6	1.2	1.2	2765	73
STAI119268-120	21.02.2022	12859	15:02:40	38.2	2751	3	-5.8	7	-2	-1.5	1.02	0.04	0.00	0.000887	0.000014	0.281132	0.000076	0.000079	0.281153	0.000037	0.000038	*a*	0.281153	0.000037	0.000038	0.281106	0.000037	0.000038	3.3	1.3	1.4	3004	80

BREID119271

~~BREID119271_008~~	~~20.03.2022~~	~~12876~~	~~18:25:33~~	~~14.6~~	~~1650~~	~~22~~	-43.6	~~9~~	~~-1~~	~~-1.4~~	~~1.03~~	~~0.15~~	~~0.00~~	~~0.003202~~	~~0.000129~~	~~0.282260~~	~~0.000128~~	~~0.000134~~	~~0.282161~~	~~0.000053~~	~~0.000056~~	*b*	~~0.282260~~	~~0.000128~~	~~0.000134~~	~~0.282160~~	~~0.000128~~	~~0.000134~~	~~15.1~~	~~4.5~~	~~4.8~~	~~1407~~	~~294~~
~~BREID119271_009~~	~~20.03.2022~~	~~12876~~	~~18:26:54~~	~~7.2~~	~~1020~~	~~10~~	~~2.6~~	~~14~~	~~-1~~	~~-1.4~~	~~1.03~~	~~0.14~~	~~0.01~~	~~0.002482~~	~~0.000068~~	~~0.282160~~	~~0.000119~~	~~0.000125~~	~~0.282078~~	~~0.000057~~	~~0.000060~~	~~*b*~~	~~0.282160~~	~~0.000119~~	~~0.000125~~	~~0.282113~~	~~0.000119~~	~~0.000125~~	~~-0.9~~	~~4.2~~	~~4.4~~	~~1899~~	~~273~~
~~BREID119271_010~~	~~20.03.2022~~	~~12876~~	~~18:28:16~~	~~11.7~~	~~562~~	~~2~~	~~2.8~~	~~11~~	~~-1~~	~~-1.4~~	~~1.04~~	~~0.06~~	~~0.00~~	~~0.001349~~	~~0.000016~~	~~0.282391~~	~~0.000102~~	~~0.000107~~	~~0.282370~~	~~0.000050~~	~~0.000052~~	~~*a*~~	~~0.282370~~	~~0.000050~~	~~0.000052~~	~~0.282356~~	~~0.000050~~	~~0.000052~~	~~-2.6~~	~~1.8~~	~~1.8~~	~~1651~~	~~115~~
BREID119271_011	20.03.2022	12876	18:33:42	21.9	1534	6	3.5	12	-1	-1.3	1.01	0.06	0.00	0.001339	0.000063	0.281957	0.000071	0.000075	0.281881	0.000031	0.000033	*b*	0.281957	0.000071	0.000075	0.281918	0.000071	0.000075	3.9	2.5	2.6	2005	162
~~BREID119271_012~~	~~20.03.2022~~	~~12876~~	~~18:35:03~~	~~14.2~~	~~1043~~	~~5~~	~~9.1~~	~~13~~	~~-1~~	~~-1.4~~	~~1.00~~	~~0.04~~	~~0.00~~	~~0.000882~~	~~0.000008~~	~~0.282194~~	~~0.000078~~	~~0.000082~~	~~0.282145~~	~~0.000040~~	~~0.000042~~	~~*a*~~	~~0.282145~~	~~0.000040~~	~~0.000042~~	~~0.282127~~	~~0.000040~~	~~0.000042~~	~~0.1~~	~~1.4~~	~~1.5~~	~~1852~~	~~93~~
BREID119271_018	20.03.2022	12876	18:43:11	22.0	1446	16	-25.2	16	-1	-1.4	1.02	0.09	0.00	0.002581	0.000034	0.281861	0.000062	0.000065	0.281763	0.000032	0.000034	*b*	0.281861	0.000062	0.000065	0.281790	0.000062	0.000065	-2.7	2.2	2.3	2334	140
~~BREID119271_019~~	~~20.03.2022~~	~~12876~~	~~18:44:31~~	~~13.5~~	~~575~~	~~2~~	~~3.2~~	~~12~~	~~-1~~	~~-1.4~~	~~1.03~~	~~0.05~~	~~0.00~~	~~0.001282~~	~~0.000040~~	~~0.282588~~	~~0.000079~~	~~0.000083~~	~~0.282563~~	~~0.000042~~	~~0.000044~~	~~*a*~~	~~0.282563~~	~~0.000042~~	~~0.000044~~	~~0.282549~~	~~0.000042~~	~~0.000044~~	~~4.5~~	~~1.5~~	~~1.6~~	~~1215~~	~~99~~
BREID119271_021	20.03.2022	12876	18:52:42	34.1	2878	5	2.7	9	-1	-1.4	1.01	0.02	0.00	0.000434	0.000003	0.280998	0.000071	0.000074	0.280997	0.000035	0.000037	*a*	0.280997	0.000035	0.000037	0.280973	0.000035	0.000037	1.5	1.2	1.3	3208	76
BREID119271_026	20.03.2022	12876	18:59:28	17.2	1380	8	4.1	8	-1	-1.3	1.03	0.05	0.00	0.001614	0.000025	0.282120	0.000117	0.000123	0.282086	0.000054	0.000056	*a*	0.282086	0.000054	0.000056	0.282044	0.000054	0.000056	4.8	1.9	2.0	1824	123
~~BREID119271_028~~	~~20.03.2022~~	~~12876~~	~~19:02:10~~	~~12.3~~	~~583~~	~~2~~	~~3.5~~	~~7~~	~~-1~~	~~-1.4~~	~~1.12~~	~~0.04~~	~~0.00~~	~~0.001237~~	~~0.000009~~	~~0.282548~~	~~0.000125~~	~~0.000131~~	~~0.282606~~	~~0.000071~~	~~0.000075~~	~~*a*~~	~~0.282606~~	~~0.000071~~	~~0.000075~~	~~0.282593~~	~~0.000071~~	~~0.000075~~	~~6.2~~	~~2.5~~	~~2.6~~	~~1113~~	~~166~~
~~BREID119271_029~~	~~20.03.2022~~	~~12876~~	~~19:03:30~~	~~9.8~~	~~2090~~	~~7~~	~~-2.6~~	~~7~~	~~-1~~	~~-1.3~~	~~1.04~~	~~0.06~~	~~0.00~~	~~0.001834~~	~~0.000046~~	~~0.281641~~	~~0.000181~~	~~0.000191~~	~~0.281632~~	~~0.000075~~	~~0.000079~~	~~*a*~~	~~0.281632~~	~~0.000075~~	~~0.000079~~	~~0.281559~~	~~0.000075~~	~~0.000079~~	~~3.9~~	~~2.7~~	~~2.8~~	~~2440~~	~~169~~
BREID119271_030	20.03.2022	12876	19:04:52	19.7	2721	4	3.5	12	-1	-1.4	1.06	0.01	0.00	0.000216	0.000012	0.280837	0.000063	0.000067	0.280836	0.000031	0.000032	*a*	0.280836	0.000031	0.000032	0.280825	0.000031	0.000032	-7.4	1.1	1.2	3607	67
~~BREID119271_042~~	~~20.03.2022~~	~~12876~~	~~19:30:39~~	~~14.0~~	~~2064~~	~~6~~	~~-4.3~~	~~13~~	~~-1~~	~~-1.4~~	~~1.04~~	~~0.07~~	~~0.00~~	~~0.001992~~	~~0.000086~~	~~0.281635~~	~~0.000088~~	~~0.000092~~	~~0.281615~~	~~0.000048~~	~~0.000051~~	~~*a*~~	~~0.281615~~	~~0.000048~~	~~0.000051~~	~~0.281537~~	~~0.000048~~	~~0.000051~~	~~2.6~~	~~1.7~~	~~1.8~~	~~2502~~	~~108~~
BREID119271_043	20.03.2022	12876	19:32:01	30.4	1001	5	0.3	8	-1	-1.3	1.02	0.04	0.00	0.001298	0.000022	0.282060	0.000085	0.000089	0.282024	0.000042	0.000044	*a*	0.282024	0.000042	0.000044	0.282000	0.000042	0.000044	-5.4	1.5	1.5	2156	95
~~BREID119271_046~~	~~20.03.2022~~	~~12876~~	~~19:36:03~~	~~8.9~~	~~1595~~	~~7~~	~~0.3~~	~~7~~	~~-1~~	~~-1.4~~	~~1.00~~	~~0.04~~	~~0.00~~	~~0.001344~~	~~0.000046~~	~~0.281828~~	~~0.000189~~	~~0.000198~~	~~0.281777~~	~~0.000070~~	~~0.000074~~	~~*a*~~	~~0.281777~~	~~0.000070~~	~~0.000074~~	~~0.281736~~	~~0.000070~~	~~0.000074~~	~~-1.2~~	~~2.5~~	~~2.6~~	~~2359~~	~~159~~
BREID119271_053	20.03.2022	12876	19:49:37	29.7	2559	13	-43.1	15	-1	-1.4	1.01	0.01	0.00	0.000295	0.000037	0.282139	0.000044	0.000046	0.282121	0.000026	0.000027	*a*	0.282121	0.000026	0.000027	0.282107	0.000026	0.000027	34.4	0.9	1.0	976	59
~~BREID119271_054~~	~~20.03.2022~~	~~12876~~	~~19:50:57~~	~~2.9~~	~~602~~	~~3~~	~~1.7~~	~~15~~	~~-1~~	~~-1.4~~	~~1.05~~	~~0.07~~	~~0.00~~	~~0.001590~~	~~0.000012~~	~~0.282633~~	~~0.000164~~	~~0.000173~~	~~0.282614~~	~~0.000071~~	~~0.000075~~	~~*a*~~	~~0.282614~~	~~0.000071~~	~~0.000075~~	~~0.282596~~	~~0.000071~~	~~0.000075~~	~~6.8~~	~~2.5~~	~~2.6~~	~~1093~~	~~167~~

BREID119271_056	20.03.2022	12876	19:53:40	28.8	571	3	-27.1	23	-1	-1.4	1.01	0.13	0.00	0.003810	0.000065	0.282767	0.000038	0.000039	0.282635	0.000020	0.000021	*b*	**0.282767**	**0.000038**	**0.000039**	**0.282726**	**0.000038**	**0.000039**	**10.7**	**1.3**	**1.4**	**823**	**88**
BREID119271_061	20.03.2022	12876	20:05:55	23.8	1304	27	5.7	9	-1	-1.4	1.03	0.03	0.00	0.000885	0.000028	0.281994	0.000074	0.000077	0.281978	0.000039	0.000041	*a*	**0.281978**	**0.000039**	**0.000041**	**0.281956**	**0.000039**	**0.000041**	**0.0**	**1.4**	**1.4**	**2064**	**88**
BREID119271_063	20.03.2022	12876	20:08:37	21.1	1534	10	2.4	11	-1	-1.4	1.04	0.05	0.00	0.001189	0.000027	0.281897	0.000067	0.000071	0.281879	0.000033	0.000034	*a*	**0.281879**	**0.000033**	**0.000034**	**0.281844**	**0.000033**	**0.000034**	**1.3**	**1.2**	**1.2**	**2164**	**74**
BREID119271_065	20.03.2022	12876	20:11:19	20.0	1193	10	6.1	12	-1	-1.4	1.04	0.04	0.00	0.001050	0.000024	0.281912	0.000065	0.000068	0.281894	0.000031	0.000033	*a*	**0.281894**	**0.000031**	**0.000033**	**0.281870**	**0.000031**	**0.000033**	**-5.6**	**1.1**	**1.2**	**2318**	**71**
BREID119271_071	20.03.2022	12876	20:23:32	15.2	2837	4	1.9	10	-1	-1.4	1.03	0.04	0.00	0.001257	0.000049	0.281049	0.000095	0.000100	0.281031	0.000046	0.000048	*a*	**0.281031**	**0.000046**	**0.000048**	**0.280963**	**0.000046**	**0.000048**	**0.2**	**1.6**	**1.7**	**3253**	**100**
BREID119271_072	20.03.2022	12876	20:24:53	22.5	1232	8	0.5	11	-1	-1.4	1.04	0.05	0.00	0.001358	0.000027	0.281981	0.000075	0.000079	0.281962	0.000035	0.000037	*a*	**0.281962**	**0.000035**	**0.000037**	**0.281931**	**0.000035**	**0.000037**	**-2.6**	**1.2**	**1.3**	**2163**	**79**
BREID119271_079	20.03.2022	12876	20:34:22	15.4	1468	5	0.7	11	-1	-1.4	1.04	0.07	0.00	0.001530	0.000032	0.282030	0.000085	0.000089	0.281998	0.000042	0.000044	*a*	**0.281998**	**0.000042**	**0.000044**	**0.281956**	**0.000042**	**0.000044**	**3.7**	**1.5**	**1.6**	**1963**	**96**
BREID119271_080	20.03.2022	12876	20:35:43	30.0	1177	8	2.5	10	-1	-1.4	1.05	0.03	0.00	0.000700	0.000029	0.282143	0.000063	0.000066	0.282132	0.000031	0.000033	*a*	**0.282132**	**0.000031**	**0.000033**	**0.282117**	**0.000031**	**0.000033**	**2.8**	**1.1**	**1.2**	**1792**	**72**
~~BREID119271_081~~	~~20.03.2022~~	~~12876~~	~~20:42:32~~	~~7.3~~	~~1892~~	~~17~~	~~13.0~~	~~12~~	~~-1~~	~~-1.4~~	~~1.07~~	~~0.00~~	~~0.00~~	~~0.000092~~	~~0.000002~~	~~0.281344~~	~~0.000102~~	~~0.000107~~	~~0.281360~~	~~0.000058~~	~~0.000061~~	~~*a*~~	~~**0.281360**~~	~~**0.000058**~~	~~**0.000061**~~	~~**0.281356**~~	~~**0.000058**~~	~~**0.000061**~~	~~**-7.8**~~	~~**2.1**~~	~~**2.2**~~	~~**2989**~~	~~**129**~~
BREID119271_083	20.03.2022	12876	20:45:15	25.0	1262	9	1.9	8	-1	-1.4	1.05	0.09	0.00	0.002233	0.000079	0.282247	0.000093	0.000098	0.282237	0.000043	0.000046	*a*	**0.282237**	**0.000043**	**0.000046**	**0.282184**	**0.000044**	**0.000046**	**7.1**	**1.5**	**1.6**	**1594**	**100**
BREID119271_084	20.03.2022	12876	20:46:36	17.0	1443	9	4.8	9	-1	-1.4	1.06	0.04	0.00	0.001235	0.000040	0.282009	0.000108	0.000114	0.282012	0.000052	0.000055	*a*	**0.282012**	**0.000052**	**0.000055**	**0.281979**	**0.000052**	**0.000055**	**3.9**	**1.9**	**2.0**	**1929**	**120**
BREID119271_085	20.03.2022	12876	20:47:57	15.4	1244	5	-1.4	12	-1	-1.4	1.02	0.12	0.00	0.003501	0.000134	0.282187	0.000091	0.000096	0.282091	0.000048	0.000050	*b*	**0.282187**	**0.000091**	**0.000096**	**0.282105**	**0.000091**	**0.000096**	**3.9**	**3.2**	**3.4**	**1777**	**210**
BREID119271_086	20.03.2022	12876	20:49:18	24.3	1176	14	77.6	11	-1	-1.4	1.02	0.04	0.00	0.000926	0.000016	0.282226	0.000072	0.000076	0.282202	0.000034	0.000036	*a*	**0.282202**	**0.000034**	**0.000036**	**0.282181**	**0.000034**	**0.000036**	**5.0**	**1.2**	**1.3**	**1652**	**79**
~~BREID119271_087~~	~~20.03.2022~~	~~12876~~	~~20:50:39~~	~~6.9~~	~~4930~~	~~8~~	~~9.2~~	~~1~~	~~-1~~	~~-1.2~~	~~0.92~~	~~0.04~~	~~0.00~~	~~0.000966~~	~~0.000014~~	~~0.281862~~	~~0.001123~~	~~0.001179~~	~~0.281914~~	~~0.000506~~	~~0.000532~~	~~*a*~~	~~**0.281914**~~	~~**0.000506**~~	~~**0.000532**~~	~~**0.281821**~~	~~**0.000507**~~	~~**0.000532**~~	~~**81.4**~~	~~**18.0**~~	~~**18.9**~~	~~**237**~~	~~**1160**~~
BREID119271_088	20.03.2022	12876	20:52:01	32.5	1497	39	87.2	11	-1	-1.4	1.02	0.03	0.00	0.000749	0.000009	0.281996	0.000053	0.000055	0.281981	0.000028	0.000029	*a*	**0.281981**	**0.000028**	**0.000029**	**0.281960**	**0.000028**	**0.000029**	4.5	**1.0**	**1.0**	**1937**	**63**
BREID119271_089	20.03.2022	12876	20:53:22	24.2	1691	4	-0.5	10	-1	-1.4	1.05	0.09	0.00	0.002212	0.000030	0.281847	0.000073	0.000077	0.281830	0.000040	0.000042	*a*	**0.281830**	**0.000040**	**0.000042**	**0.281759**	**0.000040**	**0.000042**	**1.9**	**1.4**	**1.5**	**2251**	**91**
BREID119271_090	20.03.2022	12876	20:54:43	23.9	2772	8	-3.9	11	-1	-1.4	1.04	0.03	0.00	0.000849	0.000028	0.280957	0.000064	0.000068	0.280954	0.000033	0.000035	*a*	**0.280954**	**0.000033**	**0.000035**	**0.280909**	**0.000033**	**0.000035**	**-3.3**	**1.2**	**1.2**	**3404**	**73**
BREID119271_095	20.03.2022	12876	21:05:35	20.3	2575	5	-0.6	11	-1	-1.4	1.06	0.03	0.00	0.000792	0.000019	0.281033	0.000074	0.000078	0.281012	0.000037	0.000039	*a*	**0.281012**	**0.000037**	**0.000039**	**0.280973**	**0.000037**	**0.000039**	**-5.6**	**1.3**	**1.4**	**3386**	**82**
BREID119271_098	20.03.2022	12876	21:09:39	17.9	1247	9	-0.2	14	-1	-1.4	1.06	0.03	0.00	0.000927	0.000016	0.282040	0.000064	0.000067	0.282038	0.000033	0.000034	*a*	**0.282038**	**0.000033**	**0.000034**	**0.282016**	**0.000033**	**0.000034**	**0.8**	**1.2**	**1.2**	**1969**	**74**
~~BREID119271_101~~	~~20.03.2022~~	~~12876~~	~~21:19:11~~	~~11.9~~	~~1342~~	~~6~~	~~2.3~~	~~9~~	~~-1~~	~~-1.3~~	~~1.01~~	~~0.07~~	~~0.00~~	~~0.001781~~	~~0.000078~~	~~0.282156~~	~~0.000107~~	~~0.000113~~	~~0.282085~~	~~0.000054~~	~~0.000056~~	~~*b*~~	~~**0.282156**~~	~~**0.000107**~~	~~**0.000113**~~	~~**0.282111**~~	~~**0.000108**~~	~~**0.000113**~~	~~**6.3**~~	~~**3.8**~~	~~**4.0**~~	~~**1703**~~	~~**247**~~
BREID119271_103	20.03.2022	12876	21:21:53	28.8	1577	5	-23.9	12	-1	-1.4	1.01	0.11	0.00	0.002854	0.000031	0.281826	0.000072	0.000076	0.281705	0.000034	0.000035	*b*	**0.281826**	**0.000072**	**0.000076**	**0.281741**	**0.000072**	**0.000076**	**-1.4**	**2.6**	**2.7**	**2360**	**163**
BREID119271_105	20.03.2022	12876	21:24:36	27.0	554	3	-0.1	10	-1	-1.4	1.04	0.04	0.00	0.001113	0.000032	0.282510	0.000072	0.000076	0.282499	0.000036	0.000037	*a*	**0.282499**	**0.000036**	**0.000037**	**0.282488**	**0.000036**	**0.000037**	**1.8**	**1.3**	**1.3**	**1364**	**83**
BREID119271_106	20.03.2022	12876	21:25:57	15.4	573	5	5.6	11	-1	-1.4	1.02	0.04	0.00	0.000996	0.000036	0.282401	0.000077	0.000081	0.282369	0.000040	0.000042	*a*	**0.282369**	**0.000040**	**0.000042**	**0.282358**	**0.000040**	**0.000042**	**-2.3**	**1.4**	**1.5**	**1639**	**93**
BREID119271_107	20.03.2022	12876	21:27:18	21.0	1236	5	2.5	10	-1	-1.4	1.04	0.07	0.00	0.001377	0.000015	0.282108	0.000080	0.000084	0.282079	0.000040	0.000042	*a*	**0.282079**	**0.000040**	**0.000042**	**0.282047**	**0.000040**	**0.000042**	**1.6**	**1.4**	**1.5**	**1908**	**91**
BREID119271_120	20.03.2022	12876	21:49:00	18.3	1828	5	-3.5	9	-1	-1.3	1.01	0.04	0.00	0.001008	0.000015	0.281813	0.000108	0.000113	0.281788	0.000050	0.000052	*a*	**0.281788**	**0.000050**	**0.000052**	**0.281753**	**0.000050**	**0.000052**	**4.8**	**1.8**	**1.8**	**2181**	**112**

SMAL119272

~~SMAL119272_01~~	~~21.03.2022~~	~~12876~~	~~03:10:56~~	~~13.8~~	~~1971~~	~~52~~		~~9~~	~~-1~~	~~-1.2~~	~~0.89~~	~~0.01~~	~~0.00~~	~~0.000150~~	~~0.000007~~	~~0.281428~~	~~0.000100~~	~~0.000105~~	~~0.281432~~	~~0.000054~~	~~0.000057~~	~~*a*~~	~~**0.281432**~~	~~**0.000054**~~	~~**0.000057**~~	~~**0.281426**~~	~~**0.000054**~~	~~**0.000057**~~	~~**-3.5**~~	~~**1.9**~~	~~**2.0**~~	~~**2793**~~	~~**121**~~
~~SMAL119272_02~~	~~21.03.2022~~	~~12876~~	~~03:13:56~~	~~9.4~~	~~1971~~	~~52~~		~~19~~	~~-1~~	~~-1.4~~	~~1.00~~	~~0.08~~	~~0.00~~	~~0.001495~~	~~0.000007~~	~~0.281445~~	~~0.000061~~	~~0.000064~~	~~0.281342~~	~~0.000037~~	~~0.000038~~	~~*b*~~	~~**0.281445**~~	~~**0.000061**~~	~~**0.000064**~~	~~**0.281389**~~	~~**0.000061**~~	~~**0.000064**~~	~~**-4.9**~~	~~**2.2**~~	~~**2.3**~~	~~**2873**~~	~~**135**~~
~~SMAL119272_03~~	~~21.03.2022~~	~~12876~~	~~03:14:39~~	~~13.4~~	~~1971~~	~~52~~		~~23~~	~~-1~~	~~-1.4~~	~~1.00~~	~~0.09~~	~~0.00~~	~~0.001631~~	~~0.000013~~	~~0.281450~~	~~0.000047~~	~~0.000050~~	~~0.281323~~	~~0.000025~~	~~0.000027~~	~~*b*~~	~~**0.281450**~~	~~**0.000047**~~	~~**0.000050**~~	~~**0.281389**~~	~~**0.000047**~~	~~**0.000050**~~	~~**-4.9**~~	~~**1.7**~~	~~**1.8**~~	~~**2873**~~	~~**105**~~
~~SMAL119272_04~~	~~21.03.2022~~	~~12876~~	~~03:15:26~~	~~10.8~~	~~1971~~	~~52~~		~~2~~	~~-1~~	~~-1.3~~	~~0.97~~	~~0.09~~	~~0.00~~	~~0.002057~~	~~0.000007~~	~~0.281458~~	~~0.000480~~	~~0.000504~~	~~0.281299~~	~~0.000212~~	~~0.000222~~	~~*b*~~	~~**0.281458**~~	~~**0.000480**~~	~~**0.000504**~~	~~**0.281381**~~	~~**0.000480**~~	~~**0.000504**~~	~~**-5.1**~~	~~**17.0**~~	~~**17.9**~~	~~**2890**~~	~~**1078**~~

~~SMAL119272_05~~	~~21.03.2022~~	~~12876~~	~~03:16:15~~	~~13.2~~	~~1971~~	~~52~~		~~17~~	~~-1~~	~~-1.4~~	~~1.01~~	~~0.07~~	~~0.00~~	~~0.001388~~	~~0.000027~~	~~0.281373~~	~~0.000061~~	~~0.000064~~	~~0.281310~~	~~0.000034~~	~~0.000036~~	~~*b*~~	~~**0.281373**~~	~~**0.000061**~~	~~**0.000064**~~	~~**0.281321**~~	~~**0.000061**~~	~~**0.000064**~~	~~**-7.3**~~	~~**2.2**~~	~~**2.3**~~	~~**3016**~~	~~**136**~~
~~SMAL119272_06~~	~~21.03.2022~~	~~12876~~	~~03:17:01~~	~~14.4~~	~~1971~~	~~52~~		~~12~~	~~-1~~	~~-1.4~~	~~1.05~~	~~0.01~~	~~0.00~~	~~0.000252~~	~~0.000013~~	~~0.281234~~	~~0.000072~~	~~0.000075~~	~~0.281219~~	~~0.000037~~	~~0.000039~~	~~*a*~~	~~**0.281219**~~	~~**0.000037**~~	~~**0.000039**~~	~~**0.281209**~~	~~**0.000037**~~	~~**0.000039**~~	~~**-11.2**~~	~~**1.3**~~	~~**1.4**~~	~~**3253**~~	~~**83**~~
~~SMAL119272_07~~	~~21.03.2022~~	~~12876~~	~~03:17:43~~	~~11.6~~	~~1971~~	~~52~~		~~13~~	~~-1~~	~~-1.4~~	~~1.01~~	~~0.12~~	~~0.00~~	~~0.002328~~	~~0.000040~~	~~0.281446~~	~~0.000120~~	~~0.000126~~	~~0.281337~~	~~0.000052~~	~~0.000055~~	~~*b*~~	~~**0.281446**~~	~~**0.000120**~~	~~**0.000126**~~	~~**0.281358**~~	~~**0.000120**~~	~~**0.000126**~~	~~**-5.9**~~	~~**4.3**~~	~~**4.5**~~	~~**2938**~~	~~**267**~~
SMAL119272_09	21.03.2022	12876	03:19:10	19.3	1971	52		10	-1	-1.4	1.08	0.01	0.00	0.000156	0.000013	0.281352	0.000079	0.000083	0.281364	0.000041	0.000043	*a*	**0.281364**	**0.000041**	**0.000043**	**0.281358**	**0.000041**	**0.000043**	**-6.0**	**1.5**	**1.5**	**2939**	**91**
~~SMAL119272_10~~	~~21.03.2022~~	~~12876~~	~~03:19:58~~	~~13.3~~	~~1971~~	~~52~~		~~10~~	~~-1~~	~~-1.4~~	~~1.03~~	~~0.05~~	~~0.00~~	~~0.001014~~	~~0.000011~~	~~0.281987~~	~~0.000095~~	~~0.000100~~	~~0.281970~~	~~0.000049~~	~~0.000052~~	~~*a*~~	~~**0.281970**~~	~~**0.000049**~~	~~**0.000052**~~	~~**0.281932**~~	~~**0.000049**~~	~~**0.000052**~~	~~**14.5**~~	~~**1.7**~~	~~**1.8**~~	~~**1708**~~	~~**112**~~
~~SMAL119272_13~~	~~21.03.2022~~	~~12876~~	~~03:25:12~~	~~12.5~~	~~1971~~	~~52~~		~~11~~	~~-1~~	~~-1.3~~	~~1.03~~	~~0.01~~	~~0.00~~	~~0.000218~~	~~0.000008~~	~~0.281191~~	~~0.000084~~	~~0.000088~~	~~0.281194~~	~~0.000044~~	~~0.000046~~	~~*a*~~	~~**0.281194**~~	~~**0.000044**~~	~~**0.000046**~~	~~**0.281186**~~	~~**0.000044**~~	~~**0.000046**~~	~~**-12.1**~~	~~**1.6**~~	~~**1.6**~~	~~**3301**~~	~~**98**~~
~~SMAL119272_14~~	~~21.03.2022~~	~~12876~~	~~03:25:57~~	~~5.5~~	~~1971~~	~~52~~		~~15~~	~~-1~~	~~-1.3~~	~~0.99~~	~~0.04~~	~~0.00~~	~~0.001111~~	~~0.000019~~	~~0.281295~~	~~0.000147~~	~~0.000155~~	~~0.281305~~	~~0.000073~~	~~0.000077~~	~~*a*~~	~~**0.281305**~~	~~**0.000073**~~	~~**0.000077**~~	~~**0.281263**~~	~~**0.000073**~~	~~**0.000077**~~	~~**-9.3**~~	~~**2.6**~~	~~**2.7**~~	~~**3139**~~	~~**163**~~
~~SMAL119272_16~~	~~21.03.2022~~	~~12876~~	~~03:27:31~~	~~14.2~~	~~1971~~	~~52~~		~~10~~	~~-1~~	~~-1.3~~	~~0.98~~	~~0.02~~	~~0.00~~	~~0.000576~~	~~0.000013~~	~~0.282195~~	~~0.000097~~	~~0.000102~~	~~0.282175~~	~~0.000049~~	~~0.000051~~	~~*a*~~	~~**0.282175**~~	~~**0.000049**~~	~~**0.000051**~~	~~**0.282153**~~	~~**0.000049**~~	~~**0.000051**~~	~~**22.3**~~	~~**1.7**~~	~~**1.8**~~	~~**1228**~~	~~**111**~~
~~SMAL119272_17~~	~~21.03.2022~~	~~12876~~	~~03:28:17~~	~~14.3~~	~~1971~~	~~52~~		~~7~~	~~-1~~	~~-1.2~~	~~0.87~~	~~0.04~~	~~0.00~~	~~0.000932~~	~~0.000054~~	~~0.281323~~	~~0.000146~~	~~0.000153~~	~~0.281207~~	~~0.000074~~	~~0.000078~~	~~*a*~~	~~**0.281207**~~	~~**0.000074**~~	~~**0.000078**~~	~~**0.281172**~~	~~**0.000074**~~	~~**0.000078**~~	~~**-12.6**~~	~~**2.6**~~	~~**2.8**~~	~~**3330**~~	~~**164**~~

SMAL119273

SMAL119273_001	20.03.2022	12876	21:55:49	23.2	1897	7	-2.9	14	-1	-1.4	1.02	0.33	0.01	0.006260	0.000300	0.281803	0.000088	0.000092	0.281516	0.000047	0.000050	*b*	**0.281803**	**0.000088**	**0.000092**	**0.281577**	**0.000088**	**0.000093**	**0.1**	**3.1**	**3.3**	**2517**	**198**
SMAL119273_002	20.03.2022	12876	21:57:10	24.5	1361	5	0.4	13	-1	-1.4	1.03	0.09	0.00	0.001948	0.000040	0.282120	0.000070	0.000073	0.282049	0.000034	0.000035	*b*	**0.282120**	**0.000070**	**0.000073**	**0.282069**	**0.000070**	**0.000073**	**5.3**	**2.5**	**2.6**	**1782**	**160**
SMAL119273_003	20.03.2022	12876	21:58:32	19.6	1665	8	1.7	18	-1	-1.4	1.02	0.26	0.01	0.004927	0.000174	0.281970	0.000073	0.000076	0.281713	0.000044	0.000046	*b*	**0.281970**	**0.000073**	**0.000076**	**0.281815**	**0.000073**	**0.000076**	**3.2**	**2.6**	**2.7**	**2147**	**165**
SMAL119273_004	20.03.2022	12876	21:59:53	39.0	1608	8	3.2	10	-1	-1.4	1.04	0.06	0.00	0.001531	0.000017	0.281842	0.000061	0.000064	0.281809	0.000031	0.000032	*a*	**0.281809**	**0.000031**	**0.000032**	**0.281763**	**0.000031**	**0.000032**	**0.1**	**1.1**	**1.2**	**2294**	**70**
SMAL119273_005	20.03.2022	12876	22:01:14	18.4	1571	7	1.5	10	-1	-1.4	1.02	0.07	0.00	0.001508	0.000037	0.281746	0.000098	0.000103	0.281701	0.000042	0.000045	*a*	**0.281701**	**0.000042**	**0.000045**	**0.281657**	**0.000042**	**0.000045**	**-4.6**	**1.5**	**1.6**	**2545**	**96**
SMAL119273_006	20.03.2022	12876	22:02:36	33.8	997	5	-0.2	10	-1	-1.4	1.06	0.02	0.00	0.000525	0.000019	0.282157	0.000072	0.000076	0.282163	0.000037	0.000038	*a*	**0.282163**	**0.000037**	**0.000038**	**0.282153**	**0.000037**	**0.000038**	**0.0**	**1.3**	**1.4**	**1825**	**84**
SMAL119273_007	20.03.2022	12876	22:03:57	30.5	1505	9	1.4	10	-1	-1.4	1.04	0.04	0.00	0.001036	0.000042	0.281909	0.000071	0.000074	0.281906	0.000034	0.000036	*a*	**0.281906**	**0.000034**	**0.000036**	**0.281876**	**0.000034**	**0.000036**	**1.7**	**1.2**	**1.3**	**2112**	**78**
SMAL119273_010	20.03.2022	12876	22:08:00	25.1	1171	21	1.3	8	-1	-1.4	1.05	0.03	0.00	0.000670	0.000038	0.282109	0.000095	0.000100	0.282106	0.000042	0.000044	*a*	**0.282106**	**0.000042**	**0.000044**	**0.282091**	**0.000042**	**0.000044**	**1.7**	**1.5**	**1.6**	**1851**	**96**
SMAL119273_011	20.03.2022	12876	22:13:28	31.1	1275	7	-13.1	13	-1	-1.4	1.02	0.15	0.00	0.003370	0.000110	0.282167	0.000070	0.000074	0.282017	0.000035	0.000037	*b*	**0.282167**	**0.000070**	**0.000074**	**0.282086**	**0.000070**	**0.000074**	**3.9**	**2.5**	**2.6**	**1799**	**161**
SMAL119273_012	20.03.2022	12876	22:14:49	22.1	1063	11	-53.9	17	-1	-1.4	1.01	0.26	0.00	0.005218	0.000028	0.282132	0.000089	0.000094	0.281854	0.000042	0.000044	*b*	**0.282132**	**0.000089**	**0.000094**	**0.282027**	**0.000089**	**0.000094**	**-3.0**	**3.2**	**3.3**	**2058**	**204**
SMAL119273_013	20.03.2022	12876	22:16:11	38.5	1571	11	4.5	9	-1	-1.4	1.03	0.02	0.00	0.000508	0.000004	0.281760	0.000059	0.000062	0.281745	0.000029	0.000031	*a*	**0.281745**	**0.000029**	**0.000031**	**0.281730**	**0.000029**	**0.000031**	**-2.0**	**1.0**	**1.1**	**2388**	**66**
SMAL119273_014	20.03.2022	12876	22:17:32	39.5	1236	8	5.9	13	-1	-1.4	1.04	0.03	0.00	0.000774	0.000027	0.282081	0.000046	0.000048	0.282057	0.000024	0.000025	*a*	**0.282057**	**0.000024**	**0.000025**	**0.282039**	**0.000024**	**0.000025**	**1.4**	**0.8**	**0.9**	**1925**	**54**
~~SMAL119273_015~~	~~20.03.2022~~	~~12876~~	~~22:18:52~~	~~3.9~~	~~1314~~	~~14~~	~~2.8~~	~~10~~	~~-1~~	~~-1.4~~	~~1.04~~	~~0.02~~	~~0.00~~	~~0.000352~~	~~0.000003~~	~~0.281831~~	~~0.000145~~	~~0.000153~~	~~0.281877~~	~~0.000070~~	~~0.000074~~	~~*a*~~	~~**0.281877**~~	~~**0.000070**~~	~~**0.000074**~~	~~**0.281868**~~	~~**0.000070**~~	~~**0.000074**~~	~~**-2.9**~~	~~**2.5**~~	~~**2.6**~~	~~**2248**~~	~~**160**~~
SMAL119273_016	20.03.2022	12876	22:20:14	37.8	1349	11	2.7	10	-1	-1.4	1.03	0.04	0.00	0.000888	0.000005	0.281945	0.000057	0.000060	0.281919	0.000027	0.000029	*a*	**0.281919**	**0.000027**	**0.000029**	**0.281897**	**0.000027**	**0.000029**	**-1.1**	**1.0**	**1.0**	**2164**	**62**
SMAL119273_017	20.03.2022	12876	22:21:35	20.0	1645	7	-5.2	10	-1	-1.4	1.08	0.07	0.00	0.001887	0.000096	0.281882	0.000081	0.000086	0.281902	0.000046	0.000049	*a*	**0.281902**	**0.000046**	**0.000049**	**0.281843**	**0.000046**	**0.000049**	**3.8**	**1.6**	**1.7**	**2098**	**105**
SMAL119273_018	20.03.2022	12876	22:22:57	38.5	1167	9	6.6	10	-1	-1.4	1.04	0.02	0.00	0.000452	0.000008	0.282063	0.000058	0.000060	0.282080	0.000029	0.000030	*a*	**0.282080**	**0.000029**	**0.000030**	**0.282070**	**0.000029**	**0.000030**	**0.9**	**1.0**	**1.1**	**1900**	**66**
SMAL119273_020	20.03.2022	12876	22:25:39	39.2	1682	6	1.8	9	-1	-1.4	1.01	0.06	0.00	0.001361	0.000018	0.281846	0.000063	0.000066	0.281775	0.000029	0.000031	*b*	**0.281846**	**0.000063**	**0.000066**	**0.281802**	**0.000063**	**0.000066**	**3.2**	**2.2**	**2.3**	**2164**	**143**
SMAL119273_021	20.03.2022	12876	22:32:31	38.4	986	12	5.4	9	-1	-1.4	1.02	0.02	0.00	0.000517	0.000006	0.282234	0.000061	0.000064	0.282217	0.000030	0.000032	*a*	**0.282217**	**0.000030**	**0.000032**	**0.282207**	**0.000030**	**0.000032**	**1.6**	**1.1**	**1.1**	**1713**	**70**
SMAL119273_022	20.03.2022	12876	22:33:52	21.6	1607	10	-36.6	15	-1	-1.4	1.03	0.14	0.01	0.003444	0.000205	0.281776	0.000065	0.000068	0.281723	0.000035	0.000037	*a*	**0.281723**	**0.000035**	**0.000037**	**0.281618**	**0.000036**	**0.000038**	**-5.1**	**1.3**	**1.3**	**2606**	**80**
SMAL119273_026	20.03.2022	12876	22:39:17	26.3	1663	6	0.9	11	-1	-1.4	1.03	0.05	0.00	0.001344	0.000030	0.281811	0.000072	0.000076	0.281779	0.000035	0.000036	*a*	**0.281779**	**0.000035**	**0.000036**	**0.281737**	**0.000035**	**0.000036**	**0.4**	**1.2**	**1.3**	**2317**	**78**

SMAL119273_ 20.03.2022 027	12876	22:40:38	18.2	1234	13	9.3	10	-1	-1.5	1.12	0.02	0.00	0.000607	0.000017	0.282122	0.000074	0.000078	0.282157	0.000044	0.000047	*a*	**0.282157**	**0.000044**	**0.000047**	**0.282143**	**0.000044**	**0.000047**	**5.0**	**1.6**	**1.7**	**1700**	**102**
SMAL119273_ 20.03.2022 028	12876	22:42:00	38.5	1145	9	-9.2	14	-1	-1.4	1.01	0.04	0.00	0.000922	0.000034	0.282262	0.000042	0.000044	0.282222	0.000024	0.000025	*a*	**0.282222**	**0.000024**	**0.000025**	**0.282202**	**0.000024**	**0.000025**	**5.1**	**0.8**	**0.9**	**1626**	**55**
SMAL119273_ 20.03.2022 029	12876	22:43:21	23.2	1179	13	-1.9	10	-1	-1.4	1.03	0.03	0.00	0.000807	0.000034	0.282180	0.000086	0.000090	0.282167	0.000036	0.000038	*a*	**0.282167**	**0.000036**	**0.000038**	**0.282149**	**0.000036**	**0.000038**	**4.0**	**1.3**	**1.4**	**1719**	**84**
SMAL119273_ 20.03.2022 030	12876	22:44:42	38.5	1142	8	-22.9	11	-1	-1.4	1.02	0.08	0.00	0.001739	0.000057	0.282123	0.000059	0.000062	0.282058	0.000027	0.000028	*b*	**0.282123**	**0.000059**	**0.000062**	**0.282086**	**0.000059**	**0.000062**	**0.9**	**2.1**	**2.2**	**1882**	**135**
SMAL119273_ 20.03.2022 031	12876	22:50:10	23.9	1189	15	-5.5	13	-1	-1.4	1.00	0.12	0.00	0.002698	0.000020	0.282142	0.000070	0.000074	0.281988	0.000032	0.000034	*b*	**0.282142**	**0.000070**	**0.000074**	**0.282081**	**0.000070**	**0.000074**	**1.8**	**2.5**	**2.6**	**1863**	**161**
SMAL119273_ 20.03.2022 033	12876	22:52:52	21.2	1329	7	2.6	10	-1	-1.4	1.05	0.03	0.00	0.000690	0.000009	0.282020	0.000083	0.000087	0.282025	0.000040	0.000041	*a*	**0.282025**	**0.000040**	**0.000041**	**0.282008**	**0.000040**	**0.000041**	**2.4**	**1.4**	**1.5**	**1935**	**90**
SMAL119273_ 20.03.2022 034	12876	22:54:13	24.2	1212	9	0.7	10	-1	-1.4	1.05	0.09	0.00	0.001961	0.000049	0.282126	0.000081	0.000085	0.282114	0.000038	0.000040	*a*	**0.282114**	**0.000038**	**0.000040**	**0.282069**	**0.000038**	**0.000040**	**1.9**	**1.3**	**1.4**	**1874**	**87**
SMAL119273_ 20.03.2022 035	12876	22:55:34	38.9	1229	7	1.6	10	-1	-1.4	1.04	0.02	0.00	0.000550	0.000003	0.282103	0.000055	0.000058	0.282090	0.000028	0.000029	*a*	**0.282090**	**0.000028**	**0.000029**	**0.282078**	**0.000028**	**0.000029**	**2.6**	**1.0**	**1.0**	**1845**	**64**
SMAL119273_ 20.03.2022 036	12876	22:56:56	34.0	1340	5	1.9	18	-1	-1.4	1.02	0.09	0.00	0.002052	0.000035	0.282128	0.000041	0.000043	0.282066	0.000021	0.000022	*b*	**0.282128**	**0.000041**	**0.000043**	**0.282076**	**0.000041**	**0.000043**	**5.0**	**1.5**	**1.5**	**1780**	**94**
~~SMAL119273_ 20.03.2022 037~~	~~12876~~	~~22:58:17~~	~~14.7~~	~~1291~~	6	-30.5	~~15~~	~~-1~~	~~-1.4~~	~~1.03~~	~~0.12~~	~~0.00~~	~~0.002443~~	~~0.000047~~	~~0.282082~~	~~0.000082~~	~~0.000086~~	~~0.282001~~	~~0.000042~~	~~0.000044~~	~~*b*~~	~~**0.282082**~~	~~**0.000082**~~	~~**0.000086**~~	~~**0.282022**~~	~~**0.000082**~~	~~**0.000086**~~	~~**2.0**~~	~~**2.9**~~	~~**3.0**~~	~~**1928**~~	~~**187**~~
SMAL119273_ 20.03.2022 038	12876	22:59:38	17.8	1007	9	1.5	13	-1	-1.4	1.06	0.05	0.00	0.000950	0.000010	0.282194	0.000069	0.000072	0.282206	0.000035	0.000036	*a*	**0.282206**	**0.000035**	**0.000036**	**0.282188**	**0.000035**	**0.000036**	**1.5**	**1.2**	**1.3**	**1741**	**80**
SMAL119273_ 20.03.2022 039	12876	23:00:59	15.4	1538	5	0.6	16	-1	-1.4	1.03	0.11	0.01	0.002593	0.000195	0.282097	0.000065	0.000068	0.282032	0.000035	0.000036	*b*	**0.282097**	**0.000065**	**0.000068**	**0.282022**	**0.000065**	**0.000069**	**7.7**	**2.3**	**2.4**	**1777**	**149**
SMAL119273_ 20.03.2022 040	12876	23:02:20	39.0	1228	7	3.2	12	-1	-1.4	1.02	0.08	0.00	0.001807	0.000022	0.282125	0.000050	0.000052	0.282063	0.000024	0.000026	*b*	**0.282125**	**0.000050**	**0.000052**	**0.282083**	**0.000050**	**0.000052**	**2.8**	**1.8**	**1.9**	**1833**	**114**
SMAL119273_ 20.03.2022 041	12876	23:08:57	38.5	1350	7	0.9	11	-1	-1.4	1.04	0.03	0.00	0.000616	0.000002	0.282022	0.000050	0.000053	0.282015	0.000025	0.000026	*a*	**0.282015**	**0.000025**	**0.000026**	**0.281999**	**0.000025**	**0.000026**	**2.5**	**0.9**	**0.9**	**1942**	**57**
SMAL119273_ 20.03.2022 042	12876	23:10:19	22.5	1277	27	1.7	8	-1	-1.4	1.04	0.05	0.00	0.001225	0.000037	0.281972	0.000102	0.000107	0.281977	0.000047	0.000049	*a*	**0.281977**	**0.000047**	**0.000049**	**0.281947**	**0.000047**	**0.000049**	**-1.0**	**1.7**	**1.7**	**2099**	**106**
SMAL119273_ 20.03.2022 043	12876	23:11:27	33.1	1692	9	2.2	10	-1	-1.4	1.03	0.09	0.00	0.002211	0.000051	0.281842	0.000072	0.000075	0.281802	0.000034	0.000036	*a*	**0.281802**	**0.000034**	**0.000036**	**0.281731**	**0.000034**	**0.000036**	**0.9**	**1.2**	**1.3**	**2312**	**77**
SMAL119273_ 20.03.2022 044	12876	23:12:48	32.4	962	6	0.5	10	-1	-1.4	1.06	0.02	0.00	0.000457	0.000016	0.282181	0.000071	0.000075	0.282182	0.000031	0.000033	*a*	**0.282182**	**0.000031**	**0.000033**	**0.282174**	**0.000031**	**0.000033**	**-0.1**	**1.1**	**1.2**	**1801**	**72**
SMAL119273_ 20.03.2022 045	12876	23:14:10	22.5	1575	5	-1.5	9	-1	-1.4	1.01	0.02	0.00	0.000392	0.000002	0.281916	0.000079	0.000083	0.281901	0.000042	0.000044	*a*	**0.281901**	**0.000042**	**0.000044**	**0.281889**	**0.000042**	**0.000044**	**3.8**	**1.5**	**1.6**	**2041**	**95**
SMAL119273_ 20.03.2022 046	12876	23:15:18	24.8	1696	5	2.8	12	-1	-1.4	1.02	0.06	0.00	0.001470	0.000019	0.281842	0.000065	0.000068	0.281799	0.000032	0.000034	*a*	**0.281799**	**0.000032**	**0.000034**	**0.281752**	**0.000032**	**0.000034**	**1.7**	**1.2**	**1.2**	**2264**	**73**
SMAL119273_ 20.03.2022 047	12876	23:16:39	35.6	1014	7	3.2	10	-1	-1.4	1.02	0.03	0.00	0.000667	0.000008	0.282227	0.000066	0.000069	0.282208	0.000033	0.000035	*a*	**0.282208**	**0.000033**	**0.000035**	**0.282195**	**0.000033**	**0.000035**	**1.8**	**1.2**	**1.2**	**1722**	**77**
SMAL119273_ 20.03.2022 048	12876	23:17:48	33.8	1458	10	1.7	10	-1	-1.4	1.03	0.02	0.00	0.000575	0.000007	0.281908	0.000057	0.000060	0.281890	0.000030	0.000032	*a*	**0.281890**	**0.000030**	**0.000032**	**0.281874**	**0.000030**	**0.000032**	**0.6**	**1.1**	**1.1**	**2146**	**69**
SMAL119273_ 20.03.2022 049	12876	23:19:09	39.2	1541	5	0.7	11	-1	-1.4	1.03	0.04	0.00	0.000893	0.000008	0.281867	0.000059	0.000062	0.281859	0.000028	0.000030	*a*	**0.281859**	**0.000028**	**0.000030**	**0.281833**	**0.000028**	**0.000030**	**1.0**	**1.0**	**1.1**	**2183**	**64**
SMAL119273_ 20.03.2022 050	12876	23:20:17	22.0	1691	5	-1.1	11	-1	-1.4	1.04	0.07	0.00	0.001711	0.000130	0.281884	0.000072	0.000076	0.281838	0.000037	0.000038	*a*	**0.281838**	**0.000037**	**0.000038**	**0.281783**	**0.000037**	**0.000039**	**2.7**	**1.3**	**1.4**	**2200**	**83**
SMAL119273_ 20.03.2022 051	12876	23:25:19	38.5	1019	5	1.9	9	-1	-1.4	1.03	0.02	0.00	0.000469	0.000004	0.282200	0.000057	0.000060	0.282193	0.000029	0.000031	*a*	**0.282193**	**0.000029**	**0.000031**	**0.282184**	**0.000029**	**0.000031**	**1.6**	**1.0**	**1.1**	**1744**	**67**
SMAL119273_ 20.03.2022 052	12876	23:26:40	25.9	1602	6	-0.5	9	-1	-1.4	0.99	0.06	0.00	0.001690	0.000025	0.281905	0.000083	0.000087	0.281835	0.000040	0.000042	*b*	**0.281905**	**0.000083**	**0.000087**	**0.281854**	**0.000083**	**0.000087**	**3.2**	**2.9**	**3.1**	**2102**	**189**
SMAL119273_ 20.03.2022 053	12876	23:27:49	33.0	1500	8	2.0	10	-1	-1.4	1.06	0.03	0.00	0.000783	0.000010	0.281950	0.000069	0.000073	0.281942	0.000035	0.000036	*a*	**0.281942**	**0.000035**	**0.000036**	**0.281920**	**0.000035**	**0.000036**	**3.2**	**1.2**	**1.3**	**2021**	**79**
SMAL119273_ 20.03.2022 054	12876	23:28:57	17.1	1798	5	0.0	13	-1	-1.4	1.05	0.03	0.00	0.000608	0.000010	0.281714	0.000070	0.000073	0.281706	0.000038	0.000040	*a*	**0.281706**	**0.000038**	**0.000040**	**0.281685**	**0.000038**	**0.000040**	**1.7**	**1.4**	**1.4**	**2346**	**86**
SMAL119273_ 20.03.2022 055	12876	23:30:18	26.1	1016	9	-16.1	12	-1	-1.4	1.03	0.09	0.00	0.001824	0.000060	0.282242	0.000064	0.000067	0.282164	0.000031	0.000032	*b*	**0.282242**	**0.000064**	**0.000067**	**0.282207**	**0.000064**	**0.000067**	**2.3**	**2.3**	**2.4**	**1695**	**147**
SMAL119273_ 20.03.2022 056	12876	23:31:27	22.1	1219	5	1.8	13	-1	-1.4	1.03	0.09	0.00	0.001929	0.000077	0.282054	0.000068	0.000071	0.281990	0.000033	0.000035	*b*	**0.282054**	**0.000068**	**0.000071**	**0.282010**	**0.000068**	**0.000071**	**-0.1**	**2.4**	**2.5**	**1999**	**155**
SMAL119273_ 20.03.2022 057	12876	23:32:41	22.5	1205	6	2.2	10	-1	-1.4	1.04	0.03	0.00	0.000669	0.000024	0.281983	0.000080	0.000084	0.281982	0.000041	0.000043	*a*	**0.281982**	**0.000041**	**0.000043**	**0.281967**	**0.000041**	**0.000043**	**-1.9**	**1.4**	**1.5**	**2101**	**93**
SMAL119273_ 20.03.2022 058	12876	23:33:57	28.1	1437	12	1.8	9	-1	-1.4	1.03	0.03	0.00	0.000659	0.000007	0.281889	0.000075	0.000079	0.281881	0.000033	0.000035	*a*	**0.281881**	**0.000033**	**0.000035**	**0.281863**	**0.000033**	**0.000035**	**-0.3**	**1.2**	**1.2**	**2184**	**76**

SMAL119273_ 20.03.20 059	22	12876	23:35:05	26.2	1075	10	-8.3	16	-1	-1.4	1.01	0.18	0.00	0.003673	0.000117	0.282158	0.000061	0.000064	0.281972	0.000030	0.000032	*b*	0.282158	0.000061	0.000064	0.282084	0.000061	0.000064	-0.7	2.2	2.3	1927	140
SMAL119273_ 20.03.20 060	22	12876	23:36:14	39.2	1559	5	-0.4	9	-1	-1.4	1.04	0.04	0.00	0.001084	0.000050	0.281834	0.000071	0.000075	0.281807	0.000032	0.000033	*a*	0.281807	0.000032	0.000033	0.281775	0.000032	0.000034	-0.6	1.1	1.2	2299	72
SMAL119273_ 20.03.20 062	22	12876	23:43:34	17.3	1030	7	3.8	8	-1	-1.4	1.01	0.03	0.00	0.000706	0.000018	0.282187	0.000110	0.000116	0.282153	0.000052	0.000054	*a*	0.282153	0.000052	0.000054	0.282139	0.000052	0.000054	0.2	1.8	1.9	1834	119
SMAL119273_ 20.03.20 063	22	12876	23:44:43	19.4	1218	7	6.1	12	-1	-1.4	1.03	0.04	0.00	0.000823	0.000010	0.282099	0.000065	0.000069	0.282082	0.000036	0.000037	*a*	0.282082	0.000036	0.000037	0.282063	0.000036	0.000037	1.8	1.3	1.3	1884	81
SMAL119273_ 20.03.20 064	22	12876	23:45:51	35.5	1535	6	-6.9	9	-1	-1.4	1.00	0.04	0.00	0.001017	0.000004	0.281870	0.000070	0.000073	0.281828	0.000033	0.000035	*a*	0.281828	0.000033	0.000035	0.281799	0.000033	0.000035	-0.3	1.2	1.2	2262	75
SMAL119273_ 20.03.20 065	22	12876	23:47:00	16.4	1502	6	2.5	9	-1	-1.4	1.04	0.05	0.00	0.001218	0.000046	0.281913	0.000125	0.000132	0.281915	0.000052	0.000054	*a*	0.281915	0.000052	0.000054	0.281880	0.000052	0.000054	1.8	1.8	1.9	2106	118
SMAL119273_ 20.03.20 068	22	12876	23:50:34	29.2	1255	9	-3.0	10	-1	-1.4	1.03	0.05	0.00	0.001262	0.000037	0.282112	0.000065	0.000068	0.282064	0.000032	0.000034	*a*	0.282064	0.000032	0.000034	0.282034	0.000032	0.000034	1.6	1.1	1.2	1924	73
SMAL119273_ 20.03.20 069	22	12876	23:51:46	20.0	1442	9	-10.2	10	-1	-1.4	1.01	0.03	0.00	0.000799	0.000023	0.281954	0.000081	0.000085	0.281936	0.000040	0.000042	*a*	0.281936	0.000040	0.000042	0.281914	0.000040	0.000042	1.7	1.4	1.5	2069	91
SMAL119273_ 20.03.20 070	22	12876	23:52:55	26.1	1796	4	0.9	10	-1	-1.4	1.02	0.04	0.00	0.001114	0.000064	0.281632	0.000091	0.000096	0.281579	0.000044	0.000046	*a*	0.281579	0.000044	0.000046	0.281541	0.000044	0.000046	-3.5	1.6	1.6	2655	98
SMAL119273_ 20.03.20 071	22	12876	23:57:31	22.9	1487	8	1.7	8	-1	-1.4	1.03	0.05	0.00	0.001357	0.000027	0.282022	0.000102	0.000107	0.282004	0.000044	0.000047	*a*	0.282004	0.000044	0.000047	0.281965	0.000044	0.000047	4.5	1.6	1.7	1930	101
SMAL119273_ 20.03.20 072	22	12876	23:58:40	23.3	1672	4	1.1	12	-1	-1.4	1.02	0.04	0.00	0.000995	0.000026	0.281838	0.000066	0.000069	0.281810	0.000034	0.000036	*a*	0.281810	0.000034	0.000036	0.281779	0.000034	0.000036	2.1	1.2	1.3	2221	77
SMAL119273_ 20.03.20 073	22	12876	23:59:48	21.9	1501	7	1.2	11	-1	-1.4	1.03	0.03	0.00	0.000726	0.000043	0.281839	0.000065	0.000068	0.281817	0.000038	0.000040	*a*	0.281817	0.000038	0.000040	0.281796	0.000038	0.000040	-1.2	1.3	1.4	2288	86
SMAL119273_ 21.03.20 074	22	12876	00:00:56	20.6	1475	5	1.2	13	-1	-1.4	1.03	0.04	0.00	0.000866	0.000001	0.281860	0.000065	0.000068	0.281848	0.000030	0.000032	*a*	0.281848	0.000030	0.000032	0.281824	0.000030	0.000032	-0.8	1.1	1.1	2244	69
SMAL119273_ 21.03.20 075	22	12876	00:02:05	26.6	1248	18	-7.6	8	-1	-1.4	1.02	0.09	0.00	0.001834	0.000032	0.282141	0.000093	0.000098	0.282079	0.000045	0.000048	*b*	0.282141	0.000093	0.000098	0.282098	0.000093	0.000098	3.7	3.3	3.5	1789	214
~~SMAL119273_ 21.03.20 077~~	~~22~~	~~12876~~	~~00:04:22~~	~~13.7~~	~~1019~~	~~10~~	~~1.4~~	~~8~~	~~-1~~	~~-1.4~~	~~1.00~~	~~0.03~~	~~0.00~~	~~0.000769~~	~~0.000024~~	~~0.282172~~	~~0.000127~~	~~0.000134~~	~~0.282144~~	~~0.000062~~	~~0.000065~~	~~*a*~~	~~0.282144~~	~~0.000062~~	~~0.000065~~	~~0.282129~~	~~0.000062~~	~~0.000065~~	~~-0.4~~	~~2.2~~	~~2.3~~	~~1863~~	~~143~~
SMAL119273_ 21.03.20 078	22	12876	00:05:29	26.9	1405	9	-41.0	19	-1	-1.4	1.01	0.30	0.01	0.005643	0.000100	0.282051	0.000064	0.000067	0.281765	0.000032	0.000033	*b*	0.282051	0.000064	0.000067	0.281902	0.000064	0.000067	0.3	2.3	2.4	2119	145
~~SMAL119273_ 21.03.20 079~~	~~22~~	~~12876~~	~~00:06:29~~	~~9.5~~	~~969~~	~~5~~	~~0.4~~	~~13~~	~~-1~~	~~-1.4~~	~~1.04~~	~~0.03~~	~~0.00~~	~~0.000842~~	~~0.000002~~	~~0.282175~~	~~0.000096~~	~~0.000101~~	~~0.282167~~	~~0.000048~~	~~0.000051~~	~~*a*~~	~~0.282167~~	~~0.000048~~	~~0.000051~~	~~0.282152~~	~~0.000048~~	~~0.000051~~	~~-0.7~~	~~1.7~~	~~1.8~~	~~1844~~	~~111~~
SMAL119273_ 21.03.20 080	22	12876	00:07:34	39.4	1171	7	2.1	11	-1	-1.4	1.05	0.03	0.00	0.000731	0.000004	0.282160	0.000053	0.000056	0.282164	0.000026	0.000028	*a*	0.282164	0.000026	0.000028	0.282148	0.000026	0.000028	3.7	0.9	1.0	1728	61
SMAL119273_ 21.03.20 081	22	12876	00:13:21	26.4	1465	14	0.7	8	-1	-1.4	1.04	0.04	0.00	0.001136	0.000009	0.281955	0.000089	0.000093	0.281939	0.000042	0.000044	*a*	0.281939	0.000042	0.000044	0.281907	0.000042	0.000044	1.9	1.5	1.6	2070	95
SMAL119273_ 21.03.20 082	22	12876	00:14:20	35.5	1655	8	0.2	8	-1	-1.4	1.05	0.06	0.00	0.001384	0.000016	0.281803	0.000077	0.000081	0.281798	0.000036	0.000038	*a*	0.281798	0.000036	0.000038	0.281754	0.000036	0.000038	0.8	1.3	1.3	2284	81
SMAL119273_ 21.03.20 083	22	12876	00:15:25	37.5	1281	8	-9.4	12	-1	-1.4	1.02	0.11	0.01	0.002564	0.000125	0.282104	0.000064	0.000067	0.282024	0.000030	0.000031	*b*	0.282104	0.000064	0.000067	0.282042	0.000064	0.000067	2.5	2.3	2.4	1891	146
SMAL119273_ 21.03.20 084	22	12876	00:16:34	22.2	1451	12	0.8	8	-1	-1.4	1.03	0.04	0.00	0.001108	0.000029	0.281829	0.000102	0.000107	0.281851	0.000053	0.000055	*a*	0.281851	0.000053	0.000055	0.281821	0.000053	0.000055	-1.5	1.9	2.0	2265	119
SMAL119273_ 21.03.20 085	22	12876	00:17:42	17.8	1808	4	0.1	9	-1	-1.4	1.04	0.09	0.00	0.002597	0.000084	0.281775	0.000126	0.000133	0.281729	0.000054	0.000057	*a*	0.281729	0.000054	0.000057	0.281640	0.000054	0.000057	0.3	1.9	2.0	2437	123
SMAL119273_ 21.03.20 086	22	12876	00:18:40	17.4	1559	4	-0.4	10	-1	-1.4	1.00	0.06	0.00	0.001482	0.000093	0.281955	0.000082	0.000086	0.281886	0.000041	0.000043	*b*	0.281955	0.000082	0.000086	0.281911	0.000082	0.000086	4.2	2.9	3.1	2005	187
SMAL119273_ 21.03.20 087	22	12876	00:19:46	32.0	1464	5	0.9	11	-1	-1.4	1.04	0.06	0.00	0.001594	0.000013	0.281910	0.000062	0.000065	0.281881	0.000030	0.000031	*a*	0.281881	0.000030	0.000031	0.281837	0.000030	0.000031	-0.6	1.1	1.1	2222	67
~~SMAL119273_ 21.03.20 088~~	~~22~~	~~12876~~	~~00:20:54~~	~~13.8~~	~~1135~~	~~9~~	~~-0.1~~	~~11~~	~~-1~~	~~-1.4~~	~~1.02~~	~~0.05~~	~~0.00~~	~~0.000888~~	~~0.000019~~	~~0.282064~~	~~0.000078~~	~~0.000081~~	~~0.282040~~	~~0.000040~~	~~0.000042~~	~~*a*~~	~~0.282040~~	~~0.000040~~	~~0.000042~~	~~0.282021~~	~~0.000040~~	~~0.000042~~	~~-1.6~~	~~1.4~~	~~1.5~~	~~2027~~	~~92~~
SMAL119273_ 21.03.20 089	22	12876	00:22:00	29.2	1147	12	1.4	10	-1	-1.4	1.02	0.04	0.00	0.001057	0.000004	0.282107	0.000069	0.000072	0.282072	0.000033	0.000035	*a*	0.282072	0.000033	0.000035	0.282049	0.000033	0.000035	-0.3	1.2	1.2	1958	75
SMAL119273_ 21.03.20 090	22	12876	00:22:59	34.6	1381	10	2.5	9	-1	-1.4	1.02	0.04	0.00	0.001085	0.000013	0.281917	0.000072	0.000075	0.281893	0.000035	0.000037	*a*	0.281893	0.000035	0.000037	0.281865	0.000035	0.000037	-1.5	1.2	1.3	2214	79
SMAL119273_ 21.03.20 091	22	12876	00:27:23	26.0	1501	9	0.0	9	-1	-1.5	1.10	0.02	0.00	0.000419	0.000003	0.281913	0.000070	0.000074	0.281927	0.000036	0.000038	*a*	0.281927	0.000036	0.000038	0.281915	0.000036	0.000038	3.0	1.3	1.3	2031	82
SMAL119273_ 21.03.20 092	22	12876	00:28:18	28.8	1544	4	2.3	13	-1	-1.4	1.03	0.11	0.00	0.002773	0.000007	0.281975	0.000067	0.000070	0.281908	0.000032	0.000033	*b*	0.281975	0.000067	0.000070	0.281894	0.000067	0.000070	3.2	2.4	2.5	2050	153
~~SMAL119273_ 21.03.20 093~~	~~22~~	~~12876~~	~~00:29:31~~	~~8.1~~	~~1343~~	~~9~~	~~-20.7~~	~~11~~	~~-1~~	~~-1.4~~	~~1.04~~	~~0.14~~	~~0.01~~	~~0.003140~~	~~0.000244~~	~~0.281983~~	~~0.000157~~	~~0.000165~~	~~0.281949~~	~~0.000069~~	~~0.000072~~	~~*a*~~	~~0.281949~~	~~0.000069~~	~~0.000072~~	~~0.281870~~	~~0.000069~~	~~0.000072~~	~~-2.2~~	~~2.4~~	~~2.6~~	~~2226~~	~~157~~

SMAL119273_094	21.03.2022	12876	00:30:22	31.4	1450	8	-2.1	9	-1	-1.4	1.04	0.03	0.00	0.000778	0.000010	0.281888	0.000064	0.000067	0.281886	0.000032	0.000033	*a*	**0.281886**	**0.000032**	**0.000033**	**0.281864**	**0.000032**	**0.000033**	**0.1**	**1.1**	**1.2**	**2172**	**72**
~~SMAL119273_095~~	~~21.03.2022~~	~~12876~~	~~00:31:30~~	~~6.9~~	~~1792~~	~~5~~	~~1.0~~	~~11~~	~~-1~~	~~-1.4~~	~~1.02~~	~~0.07~~	~~0.00~~	~~0.001326~~	~~0.000009~~	~~0.281811~~	~~0.000135~~	~~0.000142~~	~~0.281771~~	~~0.000066~~	~~0.000069~~	~~*a*~~	~~**0.281771**~~	~~**0.000066**~~	~~**0.000069**~~	~~**0.281726**~~	~~**0.000066**~~	~~**0.000069**~~	~~**3.0**~~	~~**2.3**~~	~~**2.5**~~	~~**2262**~~	~~**149**~~
~~SMAL119273_097~~	~~21.03.2022~~	~~12876~~	~~00:33:34~~	~~6.6~~	~~1175~~	~~9~~	~~2.0~~	~~12~~	~~-1~~	~~-1.5~~	~~1.12~~	~~0.03~~	~~0.00~~	~~0.000759~~	~~0.000003~~	~~0.282088~~	~~0.000091~~	~~0.000096~~	~~0.282126~~	~~0.000046~~	~~0.000049~~	~~*a*~~	~~**0.282126**~~	~~**0.000046**~~	~~**0.000049**~~	~~**0.282109**~~	~~**0.000046**~~	~~**0.000049**~~	~~**2.5**~~	~~**1.6**~~	~~**1.7**~~	~~**1809**~~	~~**107**~~
SMAL119273_098	21.03.2022	12876	00:34:30	30.6	1494	13	3.8	8	-1	-1.5	1.06	0.05	0.00	0.001317	0.000034	0.281790	0.000071	0.000075	0.281805	0.000033	0.000035	*a*	**0.281805**	**0.000033**	**0.000035**	**0.281768**	**0.000033**	**0.000035**	**-2.4**	**1.2**	**1.2**	**2352**	**75**
~~SMAL119273_099~~	~~21.03.2022~~	~~12876~~	~~00:35:39~~	~~13.8~~	~~1194~~	~~11~~	~~1.5~~	~~12~~	~~-1~~	~~-1.4~~	~~1.02~~	~~0.12~~	~~0.01~~	~~0.002520~~	~~0.000164~~	~~0.282162~~	~~0.000094~~	~~0.000098~~	~~0.282083~~	~~0.000040~~	~~0.000042~~	~~*b*~~	~~**0.282162**~~	~~**0.000094**~~	~~**0.000098**~~	~~**0.282105**~~	~~**0.000094**~~	~~**0.000098**~~	~~**2.7**~~	~~**3.3**~~	~~**3.5**~~	~~**1807**~~	~~**215**~~
SMAL119273_100	21.03.2022	12876	00:36:35	27.8	995	12	3.0	10	-1	-1.4	1.05	0.04	0.00	0.000932	0.000006	0.282170	0.000068	0.000071	0.282173	0.000033	0.000034	*a*	**0.282173**	**0.000033**	**0.000034**	**0.282155**	**0.000033**	**0.000034**	**0.0**	**1.2**	**1.2**	**1821**	**75**
SMAL119273_101	21.03.2022	12876	00:41:44	19.1	3417	55	-75.3	18	-1	-1.4	1.03	0.46	0.01	0.008730	0.000207	0.282076	0.000090	0.000095	0.281817	0.000051	0.000054	*b*	**0.282076**	**0.000090**	**0.000095**	**0.281501**	**0.000091**	**0.000096**	**33.1**	**3.2**	**3.4**	**1779**	**204**
SMAL119273_102	21.03.2022	12876	00:42:51	26.5	1010	6	-30.4	11	-1	-1.4	1.02	0.20	0.00	0.003935	0.000005	0.282212	0.000086	0.000090	0.282056	0.000038	0.000040	*b*	**0.282212**	**0.000086**	**0.000090**	**0.282137**	**0.000086**	**0.000090**	**-0.3**	**3.0**	**3.2**	**1851**	**197**
~~SMAL119273_103~~	~~21.03.2022~~	~~12876~~	~~00:43:47~~	~~17.7~~	~~980~~	~~9~~	~~-1.2~~	~~0~~	~~-1~~	~~-1.6~~	~~1.08~~	~~0.31~~	~~0.01~~	~~0.003578~~	~~0.000040~~	~~0.281221~~	~~0.003594~~	~~0.003774~~	~~0.282271~~	~~0.001373~~	~~0.001442~~	~~*b*~~	~~**0.281221**~~	~~**0.003594**~~	~~**0.003774**~~	~~**0.281155**~~	~~**0.003594**~~	~~**0.003774**~~	~~**-35.8**~~	~~**127.8**~~	~~**134.2**~~	~~**3975**~~	~~**8580**~~
SMAL119273_104	21.03.2022	12876	00:44:43	25.2	1462	13	4.4	10	-1	-1.4	1.05	0.03	0.00	0.000824	0.000017	0.281882	0.000069	0.000073	0.281879	0.000034	0.000035	*a*	**0.281879**	**0.000034**	**0.000035**	**0.281857**	**0.000034**	**0.000035**	**0.1**	**1.2**	**1.3**	**2181**	**77**
SMAL119273_105	21.03.2022	12876	00:45:40	33.7	1598	10	4.9	10	-1	-1.4	1.04	0.03	0.00	0.000743	0.000013	0.281821	0.000059	0.000062	0.281813	0.000029	0.000030	*a*	**0.281813**	**0.000029**	**0.000030**	**0.281791**	**0.000029**	**0.000030**	**0.8**	**1.0**	**1.1**	**2241**	**66**
SMAL119273_106	21.03.2022	12876	00:46:52	21.0	1314	7	2.5	10	-1	-1.5	1.04	0.03	0.00	0.000769	0.000002	0.281994	0.000069	0.000073	0.281979	0.000032	0.000034	*a*	**0.281979**	**0.000032**	**0.000034**	**0.281960**	**0.000032**	**0.000034**	**0.3**	**1.1**	**1.2**	**2049**	**73**
SMAL119273_107	21.03.2022	12876	00:47:42	20.7	1896	9	0.1	13	-1	-1.5	1.08	0.01	0.00	0.000202	0.000002	0.281550	0.000053	0.000056	0.281560	0.000029	0.000031	*a*	**0.281560**	**0.000029**	**0.000031**	**0.281552**	**0.000029**	**0.000031**	**-0.8**	**1.0**	**1.1**	**2570**	**65**
SMAL119273_108	21.03.2022	12876	00:48:42	19.6	1039	11	-3.2	11	-1	-1.4	1.03	0.02	0.00	0.000610	0.000013	0.282172	0.000072	0.000075	0.282170	0.000035	0.000037	*a*	**0.282170**	**0.000035**	**0.000037**	**0.282158**	**0.000035**	**0.000037**	**1.1**	**1.2**	**1.3**	**1788**	**81**
SMAL119273_109	21.03.2022	12876	00:49:52	17.5	1530	7	-34.0	9	-1	-1.4	1.02	0.07	0.00	0.001857	0.000042	0.281831	0.000094	0.000099	0.281789	0.000045	0.000047	*a*	**0.281789**	**0.000045**	**0.000047**	**0.281735**	**0.000045**	**0.000047**	**-2.7**	**1.6**	**1.7**	**2402**	**102**
SMAL119273_110	21.03.2022	12876	00:50:42	20.8	1218	11	-29.1	20	-1	-1.4	1.02	0.18	0.00	0.004102	0.000040	0.282151	0.000058	0.000060	0.282013	0.000031	0.000032	*b*	**0.282151**	**0.000058**	**0.000060**	**0.282057**	**0.000058**	**0.000060**	**1.6**	**2.0**	**2.1**	**1897**	**132**
SMAL119273_111	21.03.2022	12876	00:54:41	20.7	1254	10	-5.9	12	-1	-1.4	1.01	0.07	0.00	0.001435	0.000023	0.282186	0.000072	0.000076	0.282103	0.000034	0.000036	*b*	**0.282186**	**0.000072**	**0.000076**	**0.282152**	**0.000072**	**0.000076**	**5.8**	**2.6**	**2.7**	**1669**	**166**
SMAL119273_112	21.03.2022	12876	00:55:39	21.6	1147	7	2.7	11	-1	-1.4	1.02	0.08	0.00	0.002145	0.000083	0.282114	0.000087	0.000091	0.282029	0.000042	0.000044	*b*	**0.282114**	**0.000087**	**0.000091**	**0.282067**	**0.000087**	**0.000091**	**0.3**	**3.1**	**3.2**	**1918**	**199**
SMAL119273_113	21.03.2022	12876	00:56:50	21.4	1599	8	0.9	8	-1	-1.4	1.05	0.05	0.00	0.001277	0.000008	0.281803	0.000096	0.000101	0.281803	0.000048	0.000050	*a*	**0.281803**	**0.000048**	**0.000050**	**0.281764**	**0.000048**	**0.000050**	**-0.1**	**1.7**	**1.8**	**2296**	**108**
SMAL119273_114	21.03.2022	12876	00:57:40	19.9	1452	24	4.2	10	-1	-1.4	1.02	0.03	0.00	0.000670	0.000010	0.281919	0.000082	0.000086	0.281905	0.000041	0.000043	*a*	**0.281905**	**0.000041**	**0.000043**	**0.281886**	**0.000041**	**0.000043**	**0.9**	**1.5**	**1.5**	**2124**	**93**
SMAL119273_115	21.03.2022	12876	00:58:37	17.0	1612	8	-3.6	14	-1	-1.4	1.04	0.05	0.00	0.001220	0.000021	0.281862	0.000061	0.000064	0.281848	0.000030	0.000032	*a*	**0.281848**	**0.000030**	**0.000032**	**0.281811**	**0.000030**	**0.000032**	**1.9**	**1.1**	**1.1**	**2189**	**69**
~~SMAL119273_117~~	~~21.03.2022~~	~~12876~~	~~01:00:39~~	~~11.4~~	~~1174~~	~~10~~	~~3.6~~	~~11~~	~~-1~~	~~-1.4~~	~~1.04~~	~~0.04~~	~~0.00~~	~~0.000965~~	~~0.000052~~	~~0.282114~~	~~0.000090~~	~~0.000095~~	~~0.282100~~	~~0.000044~~	~~0.000046~~	~~*a*~~	~~**0.282100**~~	~~**0.000044**~~	~~**0.000046**~~	~~**0.282079**~~	~~**0.000044**~~	~~**0.000046**~~	~~**1.4**~~	~~**1.6**~~	~~**1.6**~~	~~**1876**~~	~~**100**~~
~~SMAL119273_120~~	~~21.03.2022~~	~~12876~~	~~01:03:39~~	~~6.0~~	~~1549~~	~~8~~	~~5.0~~	~~15~~	~~-1~~	~~-1.3~~	~~0.98~~	~~0.05~~	~~0.00~~	~~0.001033~~	~~0.000008~~	~~0.281983~~	~~0.000086~~	~~0.000091~~	~~0.281907~~	~~0.000053~~	~~0.000056~~	~~*a*~~	~~**0.281907**~~	~~**0.000053**~~	~~**0.000056**~~	~~**0.281877**~~	~~**0.000053**~~	~~**0.000056**~~	~~**2.8**~~	~~**1.9**~~	~~**2.0**~~	~~**2084**~~	~~**121**~~

NYB119251

NYB119251_1	22.09.2022	13152	13:18:44	41.0	1906	6	1.0	12.4	-1.32	-1.23	0.96	0.011413	0.000638	0.000272	0.000016	0.281326	0.000044	0.000046	0.281315	0.000022	0.000023	*a*	**0.281315**	**0.000022**	**0.000023**	**0.281305**	**0.000022**	**0.000023**	**-9.3**	**0.8**	**0.8**	**3089**	**48**
NYB119251_2	22.09.2022	13152	13:20:09	34.9	1965	7	-0.4	13.9	-1.30	-1.31	1.01	0.228394	0.007464	0.004904	0.000147	0.281757	0.000069	0.000072	0.281579	0.000033	0.000034	*b*	**0.281757**	**0.000069**	**0.000072**	**0.281574**	**0.000069**	**0.000072**	**1.6**	**2.4**	**2.6**	**2482**	**155**
~~NYB119251_3~~	~~22.09.2022~~	~~13152~~	~~13:21:33~~	~~9.3~~	~~2814~~	~~6~~	~~5.2~~	~~18.9~~	~~-1.29~~	~~-1.32~~	~~1.03~~	~~0.019616~~	~~0.000448~~	~~0.000518~~	~~0.000023~~	~~0.281051~~	~~0.000063~~	~~0.000066~~	~~0.281035~~	~~0.000032~~	~~0.000034~~	~~*a*~~	~~**0.281035**~~	~~**0.000032**~~	~~**0.000034**~~	~~**0.281007**~~	~~**0.000032**~~	~~**0.000034**~~	~~**1.2**~~	~~**1.1**~~	~~**1.2**~~	~~**3174**~~	~~**71**~~
NYB119251_4	22.09.2022	13152	13:22:59	25.1	1595	8	0.5	11.9	-1.29	-1.34	1.04	0.094511	0.000417	0.002334	0.000029	0.281920	0.000064	0.000067	0.281916	0.000033	0.000034	*a*	**0.281916**	**0.000033**	**0.000034**	**0.281845**	**0.000033**	**0.000034**	**2.7**	**1.2**	**1.2**	**2124**	**74**
NYB119251_5	22.09.2022	13152	13:24:24	36.6	2044	11	-9.1	13.8	-1.30	-1.31	1.01	0.075259	0.003122	0.001762	0.000067	0.281576	0.000049	0.000052	0.281530	0.000024	0.000026	*a*	**0.281530**	**0.000024**	**0.000026**	**0.281462**	**0.000025**	**0.000026**	**-0.6**	**0.9**	**0.9**	**2674**	**55**

NYB119251_6	22.09.2022	13152	13:40:24	23.3	2511	9	0.7	14.1	-1.29	-1.29	1.00	0.034417	0.000613	0.000791	0.000007	0.281256	0.000048	0.000050	0.281227	0.000026	0.000027	*a*	**0.281227**	**0.000026**	**0.000027**	**0.281189**	**0.000026**	**0.000027**	**0.6**	**0.9**	**1.0**	**2972**	**58**
~~NYB119251_7~~	~~22.09.2022~~	~~13152~~	~~13:41:49~~	~~10.1~~	~~1894~~	~~18~~	~~1.0~~	~~15.7~~	~~-1.30~~	~~-0.97~~	~~0.75~~	~~0.003463~~	~~0.000175~~	~~0.000082~~	~~0.000006~~	~~0.281494~~	~~0.000063~~	~~0.000066~~	~~0.281471~~	~~0.000038~~	~~0.000040~~	~~*a*~~	~~**0.281471**~~	~~**0.000038**~~	~~**0.000040**~~	~~**0.281468**~~	~~**0.000038**~~	~~**0.000040**~~	~~**-3.8**~~	~~**1.4**~~	~~**1.4**~~	~~**2752**~~	~~**86**~~
NYB119251_8	22.09.2022	13152	13:43:14	28.6	2095	7	-1.7	16.0	-1.29	-1.30	1.01	0.025163	0.001316	0.000623	0.000032	0.281545	0.000046	0.000049	0.281512	0.000023	0.000024	*a*	**0.281512**	**0.000023**	**0.000024**	**0.281488**	**0.000023**	**0.000024**	**1.5**	**0.8**	**0.9**	**2588**	**51**
NYB119251_9	22.09.2022	13152	13:44:40	26.5	2001	21	-25.7	14.0	-1.29	-1.30	1.01	0.004439	0.000529	0.000095	0.000010	0.281461	0.000048	0.000050	0.281464	0.000027	0.000029	*a*	**0.281464**	**0.000027**	**0.000029**	**0.281461**	**0.000027**	**0.000029**	**-1.6**	1.0	1.0	2702	61
~~NYB119251_10~~	~~22.09.2022~~	~~13152~~	~~13:46:04~~	~~11.6~~	~~1973~~	~~6~~	~~1.3~~	~~10.6~~	~~-1.29~~	~~-1.31~~	~~1.02~~	~~0.092981~~	~~0.006609~~	~~0.002826~~	~~0.000205~~	~~0.281584~~	~~0.000106~~	~~0.000111~~	~~0.281498~~	~~0.000040~~	~~0.000042~~	~~*b*~~	~~**0.281584**~~	~~**0.000106**~~	~~**0.000111**~~	~~**0.281478**~~	~~**0.000106**~~	~~**0.000112**~~	~~**-1.7**~~	~~**3.8**~~	~~**4.0**~~	~~**2683**~~	~~**238**~~
NYB119251_11	22.09.2022	13152	13:49:13	27.9	2863	11	-75.0	16.2	-1.27	-1.30	1.02	0.194950	0.002817	0.004418	0.000100	0.281051	0.000059	0.000062	0.280940	0.000028	0.000030	*b*	**0.281051**	**0.000059**	**0.000062**	**0.280809**	**0.000059**	**0.000062**	**-4.7**	2.1	2.2	3558	129
NYB119251_12	22.09.2022	13152	13:50:40	34.6	1970	7	2.1	14.0	-1.30	-1.32	1.02	0.063612	0.004760	0.001452	0.000111	0.281589	0.000046	0.000048	0.281548	0.000024	0.000025	*a*	**0.281548**	**0.000024**	**0.000025**	**0.281494**	**0.000024**	**0.000025**	**-1.1**	**0.8**	**0.9**	**2650**	**53**
NYB119251_13	22.09.2022	13152	13:52:04	19.7	1858	10	0.1	12.9	-1.27	-1.30	1.02	0.054498	0.001031	0.001474	0.000017	0.281411	0.000071	0.000075	0.281392	0.000039	0.000041	*a*	**0.281392**	**0.000039**	**0.000041**	**0.281340**	**0.000039**	**0.000041**	**-9.2**	**1.4**	**1.4**	**3045**	**86**
~~NYB119251_14~~	~~22.09.2022~~	~~13152~~	~~13:53:29~~	~~13.6~~	~~2611~~	~~7~~	~~-1.8~~	~~11.8~~	~~-1.28~~	~~-1.24~~	~~0.97~~	~~0.143381~~	~~0.007616~~	~~0.004264~~	~~0.000255~~	~~0.281039~~	~~0.000097~~	~~0.000102~~	~~0.280797~~	~~0.000048~~	~~0.000050~~	~~*b*~~	~~**0.281039**~~	~~**0.000097**~~	~~**0.000102**~~	~~**0.280826**~~	~~**0.000098**~~	~~**0.000103**~~	~~**-10.0**~~	~~**3.5**~~	~~**3.7**~~	~~**3670**~~	~~**213**~~
NYB119251_15	22.09.2022	13152	13:54:55	17.8	2761	5	-3.2	18.0	-1.28	-1.30	1.02	0.140824	0.012311	0.003519	0.000357	0.281154	0.000063	0.000066	0.281109	0.000029	0.000030	*a*	**0.281109**	**0.000029**	**0.000030**	**0.280923**	**0.000034**	**0.000036**	**-3.0**	**1.2**	**1.3**	**3381**	**74**
NYB119251_16	22.09.2022	13152	13:58:03	15.0	1921	15	1.2	14.2	-1.31	-1.63	1.33	0.003042	0.000053	0.000076	0.000001	0.281442	0.000065	0.000068	0.281472	0.000030	0.000031	*a*	**0.281472**	**0.000030**	**0.000031**	**0.281469**	**0.000030**	**0.000031**	**-3.2**	**1.1**	**1.1**	**2732**	**67**
NYB119251_17	22.09.2022	13152	13:59:29	22.6	2806	10	-1.7	15.8	-1.28	-1.39	1.07	0.025266	0.001221	0.000682	0.000015	0.280961	0.000050	0.000052	0.280972	0.000029	0.000030	*a*	**0.280972**	**0.000029**	**0.000030**	**0.280935**	**0.000029**	**0.000030**	**-1.5**	**1.0**	**1.1**	**3328**	**63**
NYB119251_18	22.09.2022	13152	14:00:53	16.0	1863	8	-22.9	13.2	-1.31	-1.31	1.01	0.162597	0.002707	0.004275	0.000129	0.281607	0.000097	0.000102	0.281453	0.000050	0.000052	*b*	**0.281607**	**0.000097**	**0.000102**	**0.281456**	**0.000097**	**0.000102**	**-5.0**	3.5	3.6	2796	217
NYB119251_19	22.09.2022	13152	14:02:19	16.4	1793	6	1.8	19.2	-1.29	-1.34	1.04	0.065399	0.003727	0.001720	0.000125	0.281590	0.000053	0.000056	0.281581	0.000027	0.000028	*a*	**0.281581**	**0.000027**	**0.000028**	**0.281523**	**0.000027**	**0.000028**	**-4.2**	**1.0**	**1.0**	**2696**	**61**
~~NYB119251_20~~	~~22.09.2022~~	~~13152~~	~~14:03:43~~	~~5.7~~	~~1907~~	~~24~~	~~2.3~~	~~14.3~~	~~-1.28~~	~~-1.24~~	~~0.96~~	~~0.008909~~	~~0.002418~~	~~0.000184~~	~~0.000053~~	~~0.281505~~	~~0.000107~~	~~0.000113~~	~~0.281488~~	~~0.000066~~	~~0.000069~~	~~*a*~~	~~**0.281488**~~	~~**0.000066**~~	~~**0.000069**~~	~~**0.281482**~~	~~**0.000066**~~	~~**0.000069**~~	~~**-3.0**~~	~~**2.4**~~	~~**2.5**~~	~~**2715**~~	~~**148**~~
NYB119251_21	22.09.2022	13152	14:05:09	19.5	2334	6	-75.7	22.7	-1.27	-1.31	1.04	0.371524	0.008240	0.008558	0.000354	0.281290	0.000078	0.000082	0.281239	0.000042	0.000044	*a*	**0.281239**	**0.000042**	**0.000044**	**0.280858**	**0.000045**	**0.000047**	**-15.3**	1.6	1.7	3769	98
NYB119251_22	22.09.2022	13152	14:08:19	30.0	2928	14	-73.9	17.2	-1.31	-1.33	1.02	0.078786	0.001061	0.001889	0.000016	0.281199	0.000041	0.000043	0.281151	0.000022	0.000023	*a*	**0.281151**	**0.000022**	**0.000023**	**0.281045**	**0.000022**	**0.000023**	**5.3**	0.8	0.8	3027	48
NYB119251_23	22.09.2022	13152	14:09:45	22.8	2535	10	-87.5	16.9	-1.28	-1.31	1.03	0.173431	0.004460	0.003872	0.000046	0.281493	0.000059	0.000062	0.281425	0.000030	0.000032	*b*	**0.281493**	**0.000059**	**0.000062**	**0.281305**	**0.000059**	**0.000062**	**5.3**	2.1	2.2	2712	132
NYB119251_24	22.09.2022	13152	14:11:10	23.0	2788	5	-0.6	15.5	-1.28	-1.32	1.03	0.110048	0.004114	0.002667	0.000116	0.281147	0.000051	0.000054	0.281105	0.000027	0.000028	*a*	**0.281105**	**0.000027**	**0.000028**	**0.280963**	**0.000028**	**0.000029**	**-1.0**	**1.0**	**1.0**	**3281**	**60**
NYB119251_25	22.09.2022	13152	14:12:35	19.6	2003	11	-2.1	10.6	-1.27	-1.29	1.01	0.021284	0.000240	0.000618	0.000005	0.281594	0.000071	0.000074	0.281567	0.000034	0.000036	*a*	**0.281567**	**0.000034**	**0.000036**	**0.281544**	**0.000034**	**0.000036**	**1.4**	**1.2**	**1.3**	**2525**	**76**
NYB119251_26	22.09.2022	13152	14:14:01	15.3	1922	6	-1.3	18.5	-1.28	-1.34	1.04	0.076777	0.001600	0.002039	0.000042	0.281580	0.000054	0.000057	0.281573	0.000028	0.000029	*a*	**0.281573**	**0.000028**	**0.000029**	**0.281499**	**0.000028**	**0.000029**	**-2.1**	**1.0**	**1.0**	**2669**	**63**
NYB119251_27	27.09.2022	13160	16:57:33	32.5	2193	9	-42.3	12.1	-1.26	-1.38	1.06	0.027442	0.002907	0.000597	0.000056	0.281509	0.000061	0.000064	0.281512	0.000028	0.000030	*a*	**0.281512**	**0.000028**	**0.000030**	**0.281487**	**0.000028**	**0.000030**	3.8	1.0	1.1	2530	64
NYB119251_28	27.09.2022	13160	17:00:42	28.3	2075	5	-3.1	10.1	-1.27	-1.28	1.01	0.087837	0.001038	0.002803	0.000033	0.281705	0.000088	0.000092	0.281625	0.000040	0.000042	*b*	**0.281705**	**0.000088**	**0.000092**	**0.281594**	**0.000088**	**0.000092**	**4.8**	**3.1**	**3.3**	**2373**	**197**
NYB119251_29	27.09.2022	13160	17:02:06	21.9	1496	9	2.5	8.4	-1.27	-1.27	1.01	0.023963	0.000372	0.000882	0.000010	0.281847	0.000086	0.000090	0.281801	0.000045	0.000047	*a*	**0.281801**	**0.000045**	**0.000047**	**0.281776**	**0.000045**	**0.000047**	**-2.0**	**1.6**	**1.7**	**2334**	**102**
NYB119251_30	27.09.2022	13160	17:03:32	31.3	1923	6	-1.2	14.3	-1.27	-1.21	0.95	0.031436	0.001395	0.000764	0.000034	0.281546	0.000042	0.000044	0.281475	0.000024	0.000025	*a*	**0.281475**	**0.000024**	**0.000025**	**0.281447**	**0.000024**	**0.000025**	-3.9	**0.9**	**0.9**	**2778**	**54**
NYB119251_31	27.09.2022	13160	17:04:57	17.5	2158	10	-32.0	11.1	-1.27	-1.24	0.98	0.106213	0.001618	0.002944	0.000042	0.281549	0.000082	0.000087	0.281386	0.000045	0.000047	*b*	**0.281549**	**0.000082**	**0.000087**	**0.281428**	**0.000083**	**0.000087**	**0.9**	2.9	3.1	2678	184
~~NYB119251_32~~	~~27.09.2022~~	~~13160~~	~~17:06:22~~	~~10.3~~	~~1536~~	~~8~~	~~-4.9~~	~~10.2~~	~~-1.26~~	~~-1.31~~	~~1.04~~	~~0.088158~~	~~0.002260~~	~~0.002528~~	~~0.000085~~	~~0.281906~~	~~0.000125~~	~~0.000131~~	~~0.281890~~	~~0.000055~~	~~0.000058~~	~~*a*~~	~~**0.281890**~~	~~**0.000055**~~	~~**0.000058**~~	~~**0.281817**~~	~~**0.000055**~~	~~**0.000058**~~	~~**0.3**~~	~~**2.0**~~	~~**2.1**~~	~~**2222**~~	~~**125**~~
~~NYB119251_33~~	~~27.09.2022~~	~~13160~~	~~17:09:30~~	~~9.3~~	~~2170~~	~~17~~	~~-40.9~~	~~7.2~~	~~-1.25~~	~~-1.25~~	~~1.00~~	~~0.208569~~	~~0.007296~~	~~0.006364~~	~~0.000234~~	~~0.281732~~	~~0.000220~~	~~0.000231~~	~~0.281516~~	~~0.000099~~	~~0.000104~~	~~*b*~~	~~**0.281732**~~	~~**0.000220**~~	~~**0.000231**~~	~~**0.281469**~~	~~**0.000220**~~	~~**0.000231**~~	~~**2.6**~~	~~**7.8**~~	~~**8.2**~~	~~**2582**~~	~~**494**~~

NYB119251_34	27.09.2022	13160	17:10:56	36.7	2218	9	-83.8	17.3	-1.26	-1.28	1.01	0.260713	0.007175	0.005785	0.000120	0.281242	0.000057	0.000060	0.281059	0.000029	0.000030	*b*	**0.281242**	**0.000057**	**0.000060**	**0.280997**	**0.000057**	**0.000060**	**-13.1**	**2.0**	**2.1**	**3549**	**126**
NYB119251_35	27.09.2022	13160	17:12:22	20.8	1913	13	-3.9	9.7	-1.26	-1.32	1.05	0.067302	0.003215	0.001811	0.000095	0.281692	0.000092	0.000097	0.281651	0.000044	0.000047	*a*	**0.281651**	**0.000044**	**0.000047**	**0.281585**	**0.000045**	**0.000047**	**0.8**	**1.6**	**1.7**	**2490**	**100**
NYB119251_36	27.09.2022	13160	17:13:47	25.8	2422	22	-62.7	12.0	-1.26	-1.27	1.01	0.084179	0.004268	0.001913	0.000078	0.281450	0.000071	0.000075	0.281383	0.000035	0.000036	*b*	**0.281450**	**0.000071**	**0.000075**	**0.281361**	**0.000071**	**0.000075**	**4.6**	**2.5**	**2.7**	**2661**	**159**
NYB119251_37	27.09.2022	13160	17:15:12	41.0	2153	6	-6.5	14.4	-1.24	-1.29	1.04	0.056347	0.001128	0.001474	0.000021	0.281582	0.000045	0.000047	0.281568	0.000022	0.000024	*a*	**0.281568**	**0.000022**	**0.000024**	**0.281507**	**0.000022**	**0.000024**	**3.6**	**0.8**	**0.8**	**2512**	**50**
NYB119251_38	27.09.2022	13160	17:29:45	41.0	1897	6	-3.4	14.0	-1.28	-1.32	1.04	0.055227	0.001104	0.001277	0.000023	0.281554	0.000041	0.000043	0.281537	0.000020	0.000021	*a*	**0.281537**	**0.000020**	**0.000021**	**0.281491**	**0.000020**	**0.000021**	**-3.0**	**0.7**	**0.8**	**2702**	**46**
NYB119251_39	27.09.2022	13160	17:31:10	41.0	1935	6	0.3	9.5	-1.27	-1.24	0.98	0.051219	0.001701	0.001500	0.000053	0.281687	0.000063	0.000066	0.281630	0.000028	0.000030	*a*	**0.281630**	**0.000028**	**0.000030**	**0.281575**	**0.000028**	**0.000030**	**0.9**	**1.0**	**1.1**	**2498**	**64**
NYB119251_40	27.09.2022	13160	17:32:34	23.4	1905	5	-4.1	12.2	-1.25	-1.29	1.03	0.023878	0.000237	0.000733	0.000010	0.281648	0.000062	0.000065	0.281641	0.000032	0.000034	*a*	**0.281641**	**0.000032**	**0.000034**	**0.281615**	**0.000032**	**0.000034**	**1.6**	**1.1**	**1.2**	**2432**	**72**
NYB119251_41	27.09.2022	13160	17:34:00	25.1	1978	13	-35.6	8.8	-1.24	-1.28	1.03	0.123780	0.004355	0.003412	0.000129	0.281781	0.000101	0.000106	0.281740	0.000046	0.000048	*a*	**0.281740**	**0.000046**	**0.000048**	**0.281612**	**0.000046**	**0.000048**	**3.2**	**1.6**	**1.7**	**2394**	**103**
NYB119251_42	27.09.2022	13160	17:35:25	25.4	1413	9	-7.4	8.8	-1.26	-1.29	1.03	0.123519	0.005271	0.003466	0.000152	0.282106	0.000102	0.000107	0.282045	0.000043	0.000045	*b*	**0.282106**	**0.000102**	**0.000107**	**0.282014**	**0.000102**	**0.000107**	**4.5**	**3.6**	**3.8**	**1871**	**233**
NYB119251_43	27.09.2022	13160	17:38:35	19.0	2024	15	-52.5	22.8	-1.24	-1.27	1.02	0.410834	0.004998	0.009489	0.000094	0.281449	0.000079	0.000083	0.281239	0.000038	0.000040	*b*	**0.281449**	**0.000079**	**0.000083**	**0.281084**	**0.000079**	**0.000083**	**-14.5**	**2.8**	**3.0**	**3483**	**174**
NYB119251_44	27.09.2022	13160	17:40:00	32.8	2039	8	-21.5	16.9	-1.24	-1.28	1.04	0.182591	0.004128	0.004405	0.000066	0.281585	0.000055	0.000058	0.281547	0.000028	0.000029	*a*	**0.281547**	**0.000028**	**0.000029**	**0.281376**	**0.000028**	**0.000029**	**-3.7**	**1.0**	**1.0**	**2859**	**62**
NYB119251_45	27.09.2022	13160	17:41:24	30.1	2215	10	-24.9	17.6	-1.25	-1.31	1.04	0.023111	0.000650	0.000560	0.000012	0.281390	0.000039	0.000041	0.281390	0.000020	0.000021	*a*	**0.281390**	**0.000020**	**0.000021**	**0.281366**	**0.000020**	**0.000021**	**0.0**	**0.7**	**0.7**	**2775**	**44**
NYB119251_46	27.09.2022	13160	17:42:49	20.6	1577	8	0.2	11.4	-1.24	-1.35	1.09	0.030127	0.001918	0.000855	0.000048	0.281809	0.000074	0.000078	0.281831	0.000038	0.000040	*a*	**0.281831**	**0.000038**	**0.000040**	**0.281805**	**0.000038**	**0.000040**	**0.8**	**1.3**	**1.4**	**2222**	**86**
NYB119251_47	27.09.2022	13160	17:44:15	31.0	1988	6	-6.5	15.5	-1.24	-1.30	1.04	0.103069	0.003840	0.002565	0.000125	0.281550	0.000051	0.000053	0.281563	0.000027	0.000028	*a*	**0.281563**	**0.000027**	**0.000028**	**0.281466**	**0.000027**	**0.000029**	**-1.7**	**1.0**	**1.0**	**2699**	**61**
NYB119251_48	27.09.2022	13160	17:47:25	27.4	1933	8	5.7	16.7	-1.25	-1.27	1.02	0.146969	0.005926	0.003661	0.000155	0.281556	0.000060	0.000063	0.281462	0.000027	0.000028	*b*	**0.281556**	**0.000060**	**0.000063**	**0.281422**	**0.000060**	**0.000063**	**-4.6**	**2.1**	**2.2**	**2826**	**134**
~~NYB119251_49~~	~~27.09.2022~~	~~13160~~	~~17:48:51~~	~~41.0~~				~~0.1~~	~~-1.43~~	~~0.37~~	~~-2.24~~	~~0.194859~~	~~0.011806~~	~~0.003582~~	~~0.000230~~	~~0.251185~~	~~0.018610~~	~~0.019541~~	~~0.283424~~	~~0.003551~~	~~0.003729~~	~~*b*~~	~~**0.251185**~~	~~**0.018610**~~	~~**0.019541**~~	~~**0.251185**~~	~~**0.018610**~~	~~**0.019541**~~	~~**-1117.4**~~	~~**740.9**~~	~~**777.9**~~	~~**46225**~~	~~**23264**~~
NYB119251_50	27.09.2022	13160	17:50:15	28.7	1927	7	0.1	17.0	-1.25	-1.26	1.00	0.054665	0.002679	0.001199	0.000056	0.281520	0.000044	0.000046	0.281478	0.000022	0.000023	*a*	**0.281478**	**0.000022**	**0.000023**	**0.281434**	**0.000022**	**0.000023**	**-4.3**	**0.8**	**0.8**	**2804**	**48**
NYB119251_51	27.09.2022	13160	17:51:41	28.0	4918	24	-100.0	18.1	-1.25	-1.26	1.01	0.060896	0.003178	0.001193	0.000054	0.281526	0.000044	0.000046	0.281473	0.000021	0.000022	*a*	**0.281473**	**0.000021**	**0.000022**	**0.281358**	**0.000022**	**0.000023**	**64.5**	**0.8**	**0.8**	**1234**	**49**
~~NYB119251_52~~	~~27.09.2022~~	~~13160~~	~~17:53:05~~	~~3.7~~	~~4913~~	~~9~~	~~-100.1~~	~~14.6~~	~~-1.24~~	~~-1.34~~	~~1.08~~	~~0.048064~~	~~0.001360~~	~~0.000987~~	~~0.000031~~	~~0.281661~~	~~0.000145~~	~~0.000152~~	~~0.281693~~	~~0.000076~~	~~0.000080~~	~~*a*~~	~~**0.281693**~~	~~**0.000076**~~	~~**0.000080**~~	~~**0.281598**~~	~~**0.000076**~~	~~**0.000080**~~	~~**73.0**~~	~~**2.7**~~	~~**2.8**~~	~~**726**~~	~~**171**~~
~~NYB119251_53~~	~~27.09.2022~~	~~13160~~	~~17:56:16~~	~~41.0~~				~~0.0~~	~~-1.13~~	~~16.37~~	~~-1.61~~	~~13.617932~~	~~18.519999~~	~~-0.006824~~	~~0.016386~~	~~-1.177006~~	~~2.281540~~	~~2.395617~~	~~-12.520753~~	~~17.433749~~	~~18.305437~~	~~*a*~~	~~**-12.520753**~~	~~**17.433749**~~	~~**18.305437**~~	~~**-12.520753**~~	~~**17.433749**~~	~~**18.305437**~~	~~**-452765.8**~~	~~**-13923.9**~~	~~**-14620.1**~~	~~**337793**~~	~~**#NUM!**~~
NYB119251_54	27.09.2022	13160	17:57:40	30.0	2675	28	-60.4	9.6	-1.26	-1.22	0.98	0.077052	0.004328	0.001938	0.000084	0.280905	0.000076	0.000080	0.280802	0.000039	0.000041	*b*	**0.280905**	**0.000076**	**0.000080**	**0.280806**	**0.000077**	**0.000080**	**-9.2**	**2.7**	**2.9**	**3675**	**167**
NYB119251_55	27.09.2022	13160	17:59:05	20.5	1880	9	-3.4	16.8	-1.23	-1.27	1.03	0.202333	0.005444	0.004814	0.000141	0.281677	0.000072	0.000075	0.281593	0.000034	0.000036	*b*	**0.281677**	**0.000072**	**0.000075**	**0.281505**	**0.000072**	**0.000075**	**-2.8**	**2.6**	**2.7**	**2681**	**161**
NYB119251_56	27.09.2022	13160	18:00:31	30.3	1985	11	-2.1	14.8	-1.25	-1.27	1.01	0.119227	0.005555	0.003038	0.000105	0.281502	0.000051	0.000053	0.281420	0.000027	0.000028	*b*	**0.281502**	**0.000051**	**0.000053**	**0.281387**	**0.000051**	**0.000053**	**-4.6**	**1.8**	**1.9**	**2868**	**113**
NYB119251_57	27.09.2022	13160	18:01:56	16.5	1817	11	1.8	8.0	-1.26	-1.33	1.06	0.035964	0.000735	0.001035	0.000027	0.281607	0.000113	0.000118	0.281631	0.000055	0.000058	*a*	**0.281631**	**0.000055**	**0.000058**	**0.281595**	**0.000055**	**0.000058**	**-1.1**	**2.0**	**2.1**	**2527**	**124**
NYB119251_58	27.09.2022	13160	18:05:05	18.0	2617	12	-61.1	15.4	-1.25	-1.25	1.00	0.215940	0.007364	0.005710	0.000159	0.281206	0.000093	0.000098	0.280993	0.000044	0.000047	*b*	**0.281206**	**0.000093**	**0.000098**	**0.280920**	**0.000094**	**0.000098**	**-6.5**	**3.3**	**3.5**	**3472**	**205**
NYB119251_59	27.09.2022	13160	18:06:31	20.5	2698	8	-59.0	12.8	-1.25	-1.27	1.02	0.148422	0.002183	0.003723	0.000050	0.281072	0.000084	0.000088	0.280974	0.000037	0.000039	*b*	**0.281072**	**0.000084**	**0.000088**	**0.280879**	**0.000084**	**0.000088**	**-6.0**	**3.0**	**3.1**	**3508**	**184**
NYB119251_60	27.09.2022	13160	18:07:56	16.7	1246	7	-4.5	9.4	-1.25	-1.25	1.00	0.067646	0.001313	0.001983	0.000015	0.282157	0.000105	0.000111	0.282094	0.000051	0.000053	*b*	**0.282157**	**0.000105**	**0.000111**	**0.282110**	**0.000105**	**0.000111**	**4.1**	**3.7**	**3.9**	**1763**	**242**
NYB119251_61	27.09.2022	13160	18:09:22	37.4	1913	5	-1.3	16.9	-1.26	-1.21	0.96	0.025008	0.000311	0.000810	0.000015	0.281430	0.000037	0.000039	0.281380	0.000019	0.000020	*a*	**0.281380**	**0.000019**	**0.000020**	**0.281350**	**0.000019**	**0.000020**	**-7.6**	**0.7**	**0.7**	**2989**	**42**

NYB119251_62	27.09.2022	13160	18:10:46	16.9	1679	12	-12.9	9.8	-1.24	-1.26	1.02	0.179787	0.004801	0.004631	0.000090	0.281983	0.000122	0.000128	0.281898	0.000056	0.000058	*b*	**0.281983**	**0.000122**	**0.000128**	**0.281835**	**0.000122**	**0.000128**	**4.3**	**4.3**	**4.6**	**2095**	**278**
NYB119251_63	27.09.2022	13160	18:13:54	42.8	1411	11	-5.6	0.1	-5.02	25.34	-6.96	4.797729	12.977714	-0.000885	0.039226	-0.370721	0.817096	0.857950	-4.299048	12.092984	12.697633	*a*	**-4.299048**	**12.092984**	**12.697633**	**-4.299024**	**12.092984**	**12.697633**	**-162508.2**	**-28129.6**	**-29536.1**	**282045**	**#NUM!**
NYB119251_64	27.09.2022	13160	18:15:20	34.5	1976	7	-20.2	15.8	-1.28	-1.31	1.02	0.013496	0.000340	0.000336	0.000009	0.281556	0.000044	0.000046	0.281544	0.000023	0.000025	*a*	**0.281544**	**0.000023**	**0.000025**	**0.281531**	**0.000023**	**0.000025**	**0.3**	**0.8**	**0.9**	**2567**	**52**
NYB119251_65	27.09.2022	13160	18:16:45	25.2	2836	5	-3.7	15.6	-1.25	-1.29	1.04	0.030181	0.001392	0.000829	0.000023	0.281057	0.000049	0.000052	0.281045	0.000024	0.000026	*a*	**0.281045**	**0.000024**	**0.000026**	**0.281000**	**0.000024**	**0.000026**	**1.5**	**0.9**	**0.9**	**3174**	**54**
NYB119251_66	27.09.2022	13160	18:18:12	41.0	1902	10	-9.7	13.0	-1.27	-1.23	0.97	0.025107	0.000175	0.000631	0.000003	0.281642	0.000044	0.000046	0.281600	0.000022	0.000023	*a*	**0.281600**	**0.000022**	**0.000023**	**0.281577**	**0.000022**	**0.000023**	**0.2**	**0.8**	**0.8**	**2514**	**49**
~~NYB119251_67~~	~~27.09.2022~~	~~13160~~	~~18:19:37~~	~~41.0~~				~~0.1~~	~~1.34~~	~~2.60~~	~~-0.13~~	~~5.872343~~	~~1.125276~~	~~0.072192~~	~~0.009209~~	~~0.361579~~	~~0.156093~~	~~0.163897~~	~~-1.639136~~	~~0.838994~~	~~0.880944~~	~~*a*~~	~~**-1.639136**~~	~~**0.838994**~~	~~**0.880944**~~	~~**-1.639136**~~	~~**0.838994**~~	~~**0.880944**~~	~~**-67964.0**~~	~~**-5118.5**~~	~~**-5374.4**~~	~~**236780**~~	~~**32289**~~

NYB119256

NYB119256_1	22.09.2022	13152	14:17:11	21.7	1904	8	-0.4	14.8	-1.30	-1.44	1.10	0.003156	0.000120	0.000078	0.000005	0.281494	0.000056	0.000059	0.281496	0.000029	0.000030	*a*	**0.281496**	**0.000029**	**0.000030**	**0.281493**	**0.000029**	**0.000030**	**-2.7**	**1.0**	**1.1**	**2692**	**65**
NYB119256_2	22.09.2022	13152	14:18:36	29.4	2809	5	-1.0	14.0	-1.28	-1.27	0.99	0.023574	0.000628	0.000630	0.000017	0.281090	0.000047	0.000049	0.281051	0.000023	0.000025	*a*	**0.281051**	**0.000023**	**0.000025**	**0.281017**	**0.000023**	**0.000025**	**1.5**	**0.8**	**0.9**	**3155**	**51**
NYB119256_3	22.09.2022	13152	14:20:02	41.1	1968	7	-3.2	15.1	-1.28	-1.32	1.03	0.056373	0.001549	0.001414	0.000024	0.281488	0.000039	0.000041	0.281461	0.000020	0.000022	*a*	**0.281461**	**0.000020**	**0.000022**	**0.281408**	**0.000021**	**0.000022**	**-4.2**	**0.7**	**0.8**	**2833**	**46**
NYB119256_5	22.09.2022	13152	14:22:52	24.8	2051	11	-4.9	15.2	-1.28	-1.30	1.02	0.064624	0.001343	0.001689	0.000009	0.281522	0.000053	0.000056	0.281495	0.000027	0.000029	*a*	**0.281495**	**0.000027**	**0.000029**	**0.281429**	**0.000027**	**0.000029**	**-1.6**	**1.0**	**1.0**	**2740**	**61**
NYB119256_6	22.09.2022	13152	14:26:00	34.8	1913	10	0.6	15.2	-1.29	-1.34	1.04	0.039648	0.000574	0.001058	0.000004	0.281771	0.000044	0.000046	0.281749	0.000022	0.000023	*a*	**0.281749**	**0.000022**	**0.000023**	**0.281710**	**0.000022**	**0.000023**	**5.2**	**0.8**	**0.8**	**2222**	**49**
NYB119256_7	22.09.2022	13152	14:27:25	26.0	2694	7	2.2	15.8	-1.29	-1.30	1.01	0.030974	0.001147	0.000808	0.000037	0.281083	0.000049	0.000051	0.281069	0.000024	0.000026	*a*	**0.281069**	**0.000024**	**0.000026**	**0.281027**	**0.000025**	**0.000026**	**-0.9**	**0.9**	**0.9**	**3203**	**54**
~~NYB119256_8~~	~~22.09.2022~~	~~13152~~	~~14:28:49~~	~~9.2~~	~~1786~~	~~7~~	~~-0.6~~	~~17.8~~	~~-1.29~~	~~-1.30~~	~~1.00~~	~~0.060506~~	~~0.001922~~	~~0.001536~~	~~0.000070~~	~~0.281678~~	~~0.000060~~	~~0.000063~~	~~0.281611~~	~~0.000041~~	~~0.000043~~	~~*b*~~	~~**0.281678**~~	~~**0.000060**~~	~~**0.000063**~~	~~**0.281626**~~	~~**0.000060**~~	~~**0.000063**~~	~~**-0.7**~~	~~**2.1**~~	~~**2.3**~~	~~**2481**~~	~~**136**~~
NYB119256_9	22.09.2022	13152	14:30:16	15.7	2801	5	-6.7	11.5	-1.31	-1.30	0.99	0.054511	0.001496	0.001670	0.000038	0.281121	0.000096	0.000101	0.281052	0.000041	0.000043	*a*	**0.281052**	**0.000041**	**0.000043**	**0.280963**	**0.000041**	**0.000043**	**-0.7**	**1.5**	**1.5**	**3274**	**90**
NYB119256_10	22.09.2022	13152	14:31:41	34.6	1919	7	-0.7	15.5	-1.28	-1.28	1.00	0.024458	0.000289	0.000678	0.000017	0.281675	0.000045	0.000047	0.281639	0.000022	0.000023	*a*	**0.281639**	**0.000022**	**0.000023**	**0.281615**	**0.000022**	**0.000023**	**2.0**	**0.8**	**0.8**	**2423**	**50**
NYB119256_11	22.09.2022	13152	14:34:48	18.6	1627	12	-0.6	14.3	-1.29	-1.28	1.00	0.032149	0.000491	0.000964	0.000015	0.281765	0.000065	0.000068	0.281727	0.000035	0.000037	*a*	**0.281727**	**0.000035**	**0.000037**	**0.281697**	**0.000035**	**0.000037**	**-1.8**	**1.3**	**1.3**	**2423**	**80**
~~NYB119256_12~~	~~22.09.2022~~	~~13152~~	~~14:36:12~~	~~14.4~~	~~2747~~	~~24~~	~~-82.4~~	~~20.2~~	~~-1.28~~	~~-1.31~~	~~1.02~~	~~0.368862~~	~~0.009656~~	~~0.009748~~	~~0.000208~~	~~0.281348~~	~~0.000080~~	~~0.000084~~	~~0.281167~~	~~0.000046~~	~~0.000048~~	~~*b*~~	~~**0.281348**~~	~~**0.000080**~~	~~**0.000084**~~	~~**0.280835**~~	~~**0.000081**~~	~~**0.000085**~~	~~**-6.5**~~	~~**2.9**~~	~~**3.0**~~	~~**3571**~~	~~**176**~~
NYB119256_13	22.09.2022	13152	14:37:38	31.1	1978	11	-11.9	15.6	-1.28	-1.32	1.03	0.026771	0.000869	0.000686	0.000014	0.281480	0.000046	0.000048	0.281460	0.000023	0.000024	*a*	**0.281460**	**0.000023**	**0.000024**	**0.281434**	**0.000023**	**0.000024**	**-3.1**	**0.8**	**0.9**	**2773**	**52**
NYB119256_14	22.09.2022	13152	14:39:03	25.4	1942	9	3.6	13.6	-1.28	-1.33	1.03	0.031722	0.000268	0.000900	0.000007	0.281610	0.000054	0.000056	0.281586	0.000027	0.000028	*a*	**0.281586**	**0.000027**	**0.000028**	**0.281552**	**0.000027**	**0.000028**	**0.3**	**1.0**	**1.0**	**2542**	**60**
~~NYB119256_15~~	~~22.09.2022~~	~~13152~~	~~14:40:27~~	~~10.5~~	~~1584~~	~~10~~	~~1.8~~	~~14.6~~	~~-1.30~~	~~-1.33~~	~~1.02~~	~~0.057213~~	~~0.002189~~	~~0.001571~~	~~0.000089~~	~~0.281884~~	~~0.000074~~	~~0.000077~~	~~0.281834~~	~~0.000038~~	~~0.000040~~	~~*a*~~	~~**0.281834**~~	~~**0.000038**~~	~~**0.000040**~~	~~**0.281787**~~	~~**0.000038**~~	~~**0.000040**~~	~~**0.4**~~	~~**1.3**~~	~~**1.4**~~	~~**2257**~~	~~**86**~~
NYB119256_16	22.09.2022	13152	14:56:25	32.2	2031	9	-4.6	14.8	-1.28	-1.32	1.03	0.062072	0.000723	0.001738	0.000031	0.281568	0.000049	0.000051	0.281519	0.000025	0.000026	*a*	**0.281519**	**0.000025**	**0.000026**	**0.281452**	**0.000025**	**0.000026**	**-1.2**	**0.9**	**0.9**	**2703**	**55**
NYB119256_17	22.09.2022	13152	14:57:48	15.0	1905	9	-5.9	11.2	-1.29	-1.31	1.01	0.044246	0.002688	0.001160	0.000048	0.281572	0.000078	0.000082	0.281547	0.000041	0.000043	*a*	**0.281547**	**0.000041**	**0.000043**	**0.281505**	**0.000041**	**0.000043**	**-2.2**	**1.5**	**1.5**	**2665**	**91**
NYB119256_18	22.09.2022	13152	14:59:14	26.5	2005	20	-4.5	15.3	-1.28	-1.29	1.02	0.030547	0.000676	0.000822	0.000010	0.281658	0.000047	0.000049	0.281623	0.000023	0.000025	*a*	**0.281623**	**0.000023**	**0.000025**	**0.281592**	**0.000023**	**0.000025**	**3.1**	**0.8**	**0.9**	**2420**	**53**
NYB119256_19	22.09.2022	13152	15:00:39	22.0	1358	87	-46.6	15.5	-1.27	-1.30	1.02	0.051610	0.001614	0.001491	0.000032	0.281244	0.000055	0.000058	0.281215	0.000030	0.000032	*a*	**0.281215**	**0.000030**	**0.000032**	**0.281177**	**0.000030**	**0.000032**	**-26.4**	**1.1**	**1.1**	**3694**	**67**
~~NYB119256_20~~	~~22.09.2022~~	~~13152~~	~~15:02:06~~	~~41.0~~	~~4967~~	~~6~~	~~170.4~~	~~0.1~~	~~-1.21~~	~~-2.30~~	~~-0.73~~	~~0.270787~~	~~0.012925~~	~~0.004564~~	~~0.000217~~	~~0.234227~~	~~0.038541~~	~~0.040468~~	~~0.285347~~	~~0.002758~~	~~0.002896~~	~~*b*~~	~~**0.234227**~~	~~**0.038541**~~	~~**0.040468**~~	~~**0.233784**~~	~~**0.038541**~~	~~**0.040468**~~	~~**-1636.2**~~	~~**1648.6**~~	~~**1731.0**~~	~~**57882**~~	~~**43413**~~
NYB119256_21	23.09.2022	13154	14:15:41	21.1	4665	108	-99.6	11.4	1.47	-1.21	10.29	0.001933	0.000079	0.281103	0.000040	-1.239530	0.049144	0.051602	0.281096	0.000040	0.000042	*a*	**0.281096**	**0.000040**	**0.000042**	**0.255513**	**0.000041**	**0.000043**	**-865.6**	**1.6**	**1.7**	**39083**	**45**
NYB119256_22	23.09.2022	13154	14:17:06	31.9	3828	425	-100.0	9.1	1.47	-1.22	8.93	0.000513	0.000008	0.281477	0.000038	-1.402474	0.176609	0.185439	0.281470	0.000038	0.000040	*a*	**0.281470**	**0.000038**	**0.000040**	**0.260616**	**0.000038**	**0.000040**	**-702.1**	**1.5**	**1.5**	**33925**	**47**

NYB119256_23	23.09.2022	13154	14:18:31	33.0	1944	991	-100.0	12.9	1.47	-1.20	11.82	0.001791	0.000102	0.281572	0.000026	-1.258123	0.043170	0.045328	0.281565	0.000026	0.000027	*a*	0.281565	0.000026	0.000027	0.271156	0.000026	0.000027	-368.9	1.0	1.0	21106	41
NYB119256_24	23.09.2022	13154	14:19:57	19.4	2620	851	-100.0	12.5	1.47	-1.21	12.27	0.000544	0.000009	0.281062	0.000035	-1.235011	0.157438	0.165310	0.281055	0.000035	0.000037	*a*	0.281055	0.000035	0.000037	0.266963	0.000035	0.000037	-502.9	1.3	1.4	26682	50
NYB119256_25	23.09.2022	13154	14:21:23	41.2	1928	8	-2.7	12.6	1.47	-1.21	12.66	0.000037	0.000002	0.281575	0.000023	-2.211093	1.019271	1.070235	0.281568	0.000023	0.000024	*a*	0.281568	0.000023	0.000024	0.271249	0.000023	0.000024	-366.0	0.8	0.9	20974	37
NYB119256_26	23.09.2022	13154	14:24:31	41.0	2861	6	-2.5	10.4	1.47	-1.22	10.02	0.000768	0.000008	0.281054	0.000024	-1.327794	0.073416	0.077086	0.281047	0.000024	0.000026	*a*	0.281047	0.000024	0.000026	0.265626	0.000025	0.000026	-545.2	0.9	1.0	28314	34
~~NYB119256_27~~	~~23.09.2022~~	~~13154~~	~~14:25:55~~	~~14.2~~	~~2151~~	~~12~~	~~-66.9~~	~~8.1~~	~~1.47~~	~~-1.22~~	~~7.44~~	~~0.002065~~	~~0.000100~~	~~0.281195~~	~~0.000060~~	~~-1.244439~~	~~0.115562~~	~~0.121340~~	~~0.281188~~	~~0.000060~~	~~0.000063~~	~~*a*~~	~~0.281188~~	~~0.000060~~	~~0.000063~~	~~0.269664~~	~~0.000060~~	~~0.000064~~	~~-417.3~~	~~2.2~~	~~2.4~~	~~23186~~	~~92~~
NYB119256_28	23.09.2022	13154	14:27:20	15.2	1713	7	-43.6	7.1	1.47	-1.22	6.34	0.003037	0.000081	0.281871	0.000068	-1.236066	0.076735	0.080572	0.281864	0.000068	0.000071	*a*	0.281864	0.000068	0.000071	0.272706	0.000068	0.000071	-319.0	2.5	2.6	18853	112
~~NYB119256_29~~	~~23.09.2022~~	~~13154~~	~~14:28:45~~	~~10.4~~	~~2837~~	~~11~~	~~-39.7~~	~~6.3~~	~~1.47~~	~~-1.22~~	~~6.07~~	~~0.001576~~	~~0.000027~~	~~0.281121~~	~~0.000078~~	~~-1.214085~~	~~0.279023~~	~~0.292975~~	~~0.281114~~	~~0.000078~~	~~0.000082~~	~~*a*~~	~~0.281114~~	~~0.000078~~	~~0.000082~~	~~0.265824~~	~~0.000078~~	~~0.000082~~	~~-538.6~~	~~2.9~~	~~3.1~~	~~28069~~	~~107~~
NYB119256_30	23.09.2022	13154	14:30:10	31.3	1583	8	-1.2	10.4	1.47	-1.23	9.79	0.001154	0.000037	0.281739	0.000035	-1.159521	0.087516	0.091892	0.281732	0.000035	0.000037	*a*	0.281732	0.000035	0.000037	0.273282	0.000035	0.000037	-301.5	1.3	1.3	18016	59
NYB119256_31	23.09.2022	13154	14:47:32	21.3	2393	17	-77.3	15.3	1.47	-1.20	10.49	0.007287	0.000102	0.281385	0.000047	-1.229987	0.011839	0.012431	0.281377	0.000047	0.000050	*a*	0.281377	0.000047	0.000050	0.268518	0.000047	0.000050	-452.7	1.8	1.8	24675	70
NYB119256_32	23.09.2022	13154	14:48:57	32.6	2514	7	-1.9	11.6	1.47	-1.19	10.90	0.001206	0.000019	0.281269	0.000030	-1.233354	0.052826	0.055467	0.281262	0.000030	0.000031	*a*	0.281262	0.000030	0.000031	0.267744	0.000030	0.000031	-477.5	1.1	1.2	25680	43
NYB119256_33	23.09.2022	13154	14:50:22	15.3	1902	5	-1.2	13.5	1.47	-1.21	13.59	0.000094	0.000004	0.281488	0.000036	-1.347909	0.949659	0.997142	0.281480	0.000036	0.000037	*a*	0.281480	0.000036	0.000037	0.271305	0.000036	0.000037	-364.6	1.3	1.4	20905	57
~~NYB119256_34~~	~~23.09.2022~~	~~13154~~	~~14:51:48~~	~~14.0~~	~~1905~~	~~21~~	~~-0.5~~	~~8.5~~	~~1.47~~	~~-1.21~~	~~8.47~~	~~0.000161~~	~~0.000005~~	~~0.281467~~	~~0.000052~~	~~-1.567833~~	~~0.907267~~	~~0.952631~~	~~0.281460~~	~~0.000052~~	~~0.000055~~	~~*a*~~	~~0.281460~~	~~0.000052~~	~~0.000055~~	~~0.271270~~	~~0.000052~~	~~0.000055~~	~~-365.8~~	~~1.9~~	~~2.0~~	~~20957~~	~~83~~
NYB119256_35	23.09.2022	13154	14:53:13	22.1	1899	13	0.5	14.3	1.47	-1.20	13.99	0.000595	0.000006	0.281571	0.000026	-1.279374	0.098109	0.103015	0.281563	0.000026	0.000027	*a*	0.281563	0.000026	0.000027	0.271401	0.000026	0.000027	-361.2	1.0	1.0	20761	42
NYB119256_36	23.09.2022	13154	14:56:21	20.4	2752	6	-0.4	9.9	1.47	-1.21	9.18	0.001502	0.000019	0.281005	0.000042	-1.214090	0.070251	0.073764	0.280997	0.000042	0.000044	*a*	0.280997	0.000042	0.000044	0.266182	0.000042	0.000044	-527.8	1.6	1.7	27648	58
NYB119256_37	23.09.2022	13154	14:57:47	30.3	2693	5	-11.7	13.5	1.47	-1.20	12.96	0.000821	0.000022	0.281030	0.000027	-1.249968	0.073558	0.077236	0.281022	0.000027	0.000028	*a*	0.281022	0.000027	0.000028	0.266533	0.000027	0.000028	-516.6	1.0	1.1	27216	38
~~NYB119256_38~~	~~23.09.2022~~	~~13154~~	~~14:59:10~~	~~1.5~~	~~1971~~	~~8~~	~~-12.5~~	~~0.9~~	~~1.47~~	~~-1.28~~	~~0.66~~	~~0.005416~~	~~0.000435~~	~~0.280761~~	~~0.003179~~	~~-0.741857~~	~~1.322166~~	~~1.388275~~	~~0.280753~~	~~0.003179~~	~~0.003338~~	~~*a*~~	~~0.280753~~	~~0.003179~~	~~0.003338~~	~~0.270229~~	~~0.003182~~	~~0.003340~~	~~-401.3~~	~~117.7~~	~~123.6~~	~~22470~~	~~5153~~
NYB119256_39	23.09.2022	13154	15:00:36	17.3	2584	9	-71.6	14.1	1.47	-1.19	10.76	0.005510	0.000374	0.281017	0.000049	-1.209654	0.018742	0.019679	0.281009	0.000049	0.000051	*a*	0.281009	0.000049	0.000051	0.267120	0.000049	0.000051	-498.2	1.8	1.9	26491	69
NYB119256_40	23.09.2022	13154	15:02:01	16.2	2714	6	-3.5	11.3	1.47	-1.21	10.74	0.001309	0.000053	0.281068	0.000045	-1.172330	0.085325	0.089591	0.281060	0.000045	0.000047	*a*	0.281060	0.000045	0.000047	0.266453	0.000045	0.000047	-519.0	1.7	1.8	27311	62
~~NYB119256_41~~	~~23.09.2022~~	~~13154~~	~~15:05:09~~	~~12.9~~	~~1387~~	~~23~~	~~-0.3~~	~~8.5~~	~~1.47~~	~~-1.21~~	~~7.88~~	~~0.001844~~	~~0.000048~~	~~0.281827~~	~~0.000058~~	~~-1.257054~~	~~0.105143~~	~~0.110400~~	~~0.281819~~	~~0.000058~~	~~0.000061~~	~~*a*~~	~~0.281819~~	~~0.000058~~	~~0.000061~~	~~0.274426~~	~~0.000058~~	~~0.000061~~	~~-265.3~~	~~2.1~~	~~2.2~~	~~16268~~	~~101~~
NYB119256_42	23.09.2022	13154	15:06:34	17.5	2081	11	-44.6	12.1	1.47	-1.20	10.43	0.002895	0.000076	0.281431	0.000046	-1.212443	0.035085	0.036839	0.281423	0.000046	0.000048	*a*	0.281423	0.000046	0.000048	0.270276	0.000046	0.000048	-397.2	1.7	1.8	22335	71
NYB119256_43	23.09.2022	13154	15:07:59	20.2	2856	7	-13.2	11.1	1.47	-1.18	10.03	0.002109	0.000124	0.281048	0.000037	-1.199439	0.059624	0.062605	0.281040	0.000037	0.000039	*a*	0.281040	0.000037	0.000039	0.265645	0.000037	0.000039	-544.6	1.4	1.5	28292	51
NYB119256_44	23.09.2022	13154	15:09:24	28.5	1506	7	-0.8	14.1	1.47	-1.20	13.82	0.000578	0.000007	0.281836	0.000026	-1.222085	0.100413	0.105434	0.281827	0.000026	0.000027	*a*	0.281827	0.000026	0.000027	0.273788	0.000026	0.000027	-285.2	0.9	1.0	17244	44
~~NYB119256_45~~	~~23.09.2022~~	~~13154~~	~~15:10:49~~	~~14.9~~	~~2925~~	~~11~~	~~-15.0~~	~~15.2~~	~~1.47~~	~~-1.21~~	~~13.02~~	~~0.003091~~	~~0.000071~~	~~0.281021~~	~~0.000039~~	~~-1.204267~~	~~0.028090~~	~~0.029495~~	~~0.281013~~	~~0.000039~~	~~0.000041~~	~~*a*~~	~~0.281013~~	~~0.000039~~	~~0.000041~~	~~0.265242~~	~~0.000039~~	~~0.000041~~	~~-557.4~~	~~1.5~~	~~1.6~~	~~28776~~	~~53~~
~~NYB119256_46~~	~~23.09.2022~~	~~13154~~	~~15:13:57~~	~~9.8~~	~~1800~~	~~9~~	~~-18.2~~	~~6.4~~	~~1.47~~	~~-1.19~~	~~5.83~~	~~0.002331~~	~~0.000042~~	~~0.281847~~	~~0.000080~~	~~-1.166639~~	~~0.146913~~	~~0.154258~~	~~0.281838~~	~~0.000080~~	~~0.000084~~	~~*a*~~	~~0.281838~~	~~0.000080~~	~~0.000084~~	~~0.272204~~	~~0.000080~~	~~0.000084~~	~~-334.9~~	~~3.0~~	~~3.1~~	~~19587~~	~~131~~
~~NYB119256_47~~	~~23.09.2022~~	~~13154~~	~~15:15:22~~	~~5.5~~	~~2053~~	~~19~~	~~-51.5~~	~~11.8~~	~~1.47~~	~~-1.20~~	~~8.25~~	~~0.008226~~	~~0.000290~~	~~0.281486~~	~~0.000087~~	~~-1.196643~~	~~0.030765~~	~~0.032304~~	~~0.281477~~	~~0.000087~~	~~0.000092~~	~~*a*~~	~~0.281477~~	~~0.000087~~	~~0.000092~~	~~0.270477~~	~~0.000087~~	~~0.000092~~	~~-390.6~~	~~3.2~~	~~3.4~~	~~22055~~	~~136~~
~~NYB119256_48~~	~~23.09.2022~~	~~13154~~	~~15:16:48~~	~~4.9~~	~~2002~~	~~14~~	~~-59.2~~	~~15.5~~	~~1.47~~	~~-1.20~~	~~11.10~~	~~0.007290~~	~~0.000070~~	~~0.281542~~	~~0.000082~~	~~-1.195011~~	~~0.018472~~	~~0.019395~~	~~0.281534~~	~~0.000082~~	~~0.000086~~	~~*a*~~	~~0.281534~~	~~0.000082~~	~~0.000086~~	~~0.270811~~	~~0.000082~~	~~0.000086~~	~~-379.9~~	~~3.0~~	~~3.2~~	~~21588~~	~~129~~
NYB119256_49	23.09.2022	13154	15:18:13	19.8	1515	8	2.9	11.9	1.47	-1.20	11.56	0.000781	0.000018	0.281819	0.000038	-1.245022	0.127982	0.134381	0.281810	0.000038	0.000039	*a*	0.281810	0.000038	0.000039	0.273728	0.000038	0.000039	-287.2	1.4	1.4	17338	64
~~NYB119256_50~~	~~23.09.2022~~	~~13154~~	~~15:19:38~~	~~10.8~~	~~2014~~	~~8~~	~~-16.1~~	~~11.6~~	~~1.47~~	~~-1.20~~	~~9.63~~	~~0.004255~~	~~0.000046~~	~~0.281555~~	~~0.000068~~	~~-1.197723~~	~~0.043677~~	~~0.045860~~	~~0.281546~~	~~0.000068~~	~~0.000071~~	~~*a*~~	~~0.281546~~	~~0.000068~~	~~0.000071~~	~~0.270756~~	~~0.000068~~	~~0.000072~~	~~-381.6~~	~~2.5~~	~~2.6~~	~~21663~~	~~107~~

NYB119256_51	27.09.2022	13158	11:42:32	24.3	1986	8	-17.9	16.6	-1.25	-1.31	1.06	0.064678	0.001098	0.001688	0.000049	0.281636	0.000051	0.000053	0.281653	0.000025	0.000026	*a*	0.281653	0.000025	0.000026	0.281589	0.000025	0.000026	2.6	0.9	0.9	2437	56
NYB119256_52	27.09.2022	13158	11:45:46	22.3	2086	6	1.5	13.8	-1.27	-1.28	1.00	0.078358	0.003439	0.002107	0.000088	0.281675	0.000059	0.000062	0.281611	0.000031	0.000033	*b*	0.281675	0.000059	0.000062	0.281591	0.000059	0.000062	5.0	2.1	2.2	2372	133
NYB119256_53	27.09.2022	13158	11:47:11	25.4	2618	8	-2.3	13.1	-1.27	-1.26	0.99	0.029884	0.000375	0.000912	0.000010	0.281141	0.000055	0.000058	0.281103	0.000027	0.000029	*a*	0.281103	0.000027	0.000029	0.281057	0.000027	0.000029	-1.6	1.0	1.0	3184	60
NYB119256_54	27.09.2022	13158	11:48:36	32.2	2823	5	0.5	15.9	-1.25	-1.30	1.03	0.091331	0.002607	0.002373	0.000067	0.281162	0.000046	0.000049	0.281150	0.000024	0.000025	*a*	0.281150	0.000024	0.000025	0.281021	0.000024	0.000025	2.0	0.9	0.9	3139	53
NYB119256_55	27.09.2022	13158	11:50:02	35.8	1944	6	-32.1	17.8	-1.26	-1.31	1.04	0.033993	0.001048	0.000845	0.000015	0.281542	0.000036	0.000038	0.281535	0.000020	0.000021	*a*	0.281535	0.000020	0.000021	0.281503	0.000020	0.000021	-1.4	0.7	0.7	2646	44
NYB119256_56	27.09.2022	13158	11:51:26	36.8	2063	7	-10.6	14.9	-1.27	-1.34	1.06	0.028838	0.001078	0.000728	0.000018	0.281505	0.000040	0.000042	0.281507	0.000021	0.000022	*a*	0.281507	0.000021	0.000022	0.281478	0.000021	0.000022	0.5	0.8	0.8	2627	48
NYB119256_57	27.09.2022	13158	11:54:41	38.0	2198	10	-30.4	14.4	-1.27	-1.32	1.04	0.091234	0.001220	0.002180	0.000035	0.281337	0.000044	0.000046	0.281319	0.000023	0.000024	*a*	0.281319	0.000023	0.000024	0.281228	0.000023	0.000024	-5.3	0.8	0.9	3076	51
NYB119256_58	27.09.2022	13158	11:56:06	41.0	3164	8	-27.1	12.1	-1.28	-1.29	1.01	0.067192	0.002372	0.001608	0.000058	0.280968	0.000050	0.000052	0.280917	0.000026	0.000027	*a*	0.280917	0.000026	0.000027	0.280819	0.000026	0.000028	2.8	0.9	1.0	3360	57
NYB119256_59	27.09.2022	13158	11:57:30	24.5	1935	6	-0.2	13.6	-1.26	-1.27	1.01	0.024735	0.000474	0.000706	0.000023	0.281612	0.000056	0.000059	0.281600	0.000027	0.000028	*a*	0.281600	0.000027	0.000028	0.281574	0.000027	0.000028	0.9	1.0	1.0	2500	60
NYB119256_60	27.09.2022	13158	11:58:56	41.0	2759	6	0.0	16.3	-1.27	-1.31	1.03	0.017323	0.000117	0.000455	0.000002	0.281027	0.000035	0.000036	0.281027	0.000019	0.000020	*a*	0.281027	0.000019	0.000020	0.281003	0.000019	0.000020	-0.2	0.7	0.7	3214	41
NYB119256_61	27.09.2022	13158	12:00:20	24.1	2873	5	-0.1	12.5	-1.26	-1.29	1.02	0.059439	0.000361	0.001664	0.000021	0.281106	0.000063	0.000066	0.281078	0.000031	0.000032	*a*	0.281078	0.000031	0.000032	0.280987	0.000031	0.000033	1.9	1.1	1.2	3181	68
NYB119256_62	27.09.2022	13158	12:03:35	20.4	2847	7	-1.4	16.8	-1.27	-1.27	1.00	0.040399	0.000862	0.001149	0.000016	0.281104	0.000050	0.000053	0.281061	0.000028	0.000030	*a*	0.281061	0.000028	0.000030	0.280998	0.000028	0.000030	1.7	1.0	1.1	3172	62
~~NYB119256_63~~	~~27.09.2022~~	~~13158~~	~~12:05:00~~	~~14.1~~	~~1761~~	~~6~~	~~-2.2~~	~~12.7~~	~~-1.26~~	~~-1.29~~	~~1.02~~	~~0.047058~~	~~0.000676~~	~~0.001413~~	~~0.000038~~	~~0.281741~~	~~0.000082~~	~~0.000086~~	~~0.281708~~	~~0.000040~~	~~0.000042~~	~~*a*~~	~~0.281708~~	~~0.000040~~	~~0.000042~~	~~0.281661~~	~~0.000040~~	~~0.000042~~	~~-0.1~~	~~1.4~~	~~1.5~~	~~2421~~	~~91~~
NYB119256_64	27.09.2022	13158	12:06:25	28.9	1939	5	-2.5	14.8	-1.27	-1.28	1.01	0.029964	0.000232	0.000710	0.000006	0.281645	0.000043	0.000045	0.281619	0.000024	0.000025	*a*	0.281619	0.000024	0.000025	0.281593	0.000024	0.000025	1.6	0.9	0.9	2458	54
NYB119256_65	27.09.2022	13158	12:07:50	32.4	1944	8	-19.6	18.0	-1.26	-1.30	1.03	0.025838	0.001907	0.000527	0.000035	0.281510	0.000037	0.000039	0.281493	0.000020	0.000021	*a*	0.281493	0.000020	0.000021	0.281474	0.000020	0.000021	-2.5	0.7	0.7	2709	44
NYB119256_66	27.09.2022	13158	12:09:16	28.7	1944	9	-7.6	18.3	-1.26	-1.26	1.01	0.042521	0.002847	0.000994	0.000063	0.281568	0.000038	0.000040	0.281545	0.000020	0.000021	*a*	0.281545	0.000020	0.000021	0.281508	0.000021	0.000022	-1.2	0.7	0.8	2635	46
~~NYB119256_67~~	~~27.09.2022~~	~~13158~~	~~12:12:29~~	~~14.0~~	~~1900~~	~~6~~	~~1.4~~	~~8.8~~	~~-1.25~~	~~-1.22~~	~~0.98~~	~~0.060202~~	~~0.000635~~	~~0.001933~~	~~0.000007~~	~~0.281694~~	~~0.000110~~	~~0.000115~~	~~0.281614~~	~~0.000060~~	~~0.000063~~	~~*b*~~	~~0.281694~~	~~0.000110~~	~~0.000115~~	~~0.281624~~	~~0.000110~~	~~0.000115~~	~~1.9~~	~~3.9~~	~~4.1~~	~~2414~~	~~247~~
NYB119256_68	27.09.2022	13158	12:13:54	28.6	2506	6	-0.8	18.8	-1.24	-1.27	1.03	0.084252	0.001101	0.002196	0.000035	0.281336	0.000044	0.000046	0.281323	0.000021	0.000022	*a*	0.281323	0.000021	0.000022	0.281218	0.000021	0.000022	1.5	0.7	0.8	2913	46
NYB119256_69	27.09.2022	13158	12:15:20	35.5	2815	6	-15.0	13.1	-1.26	-1.28	1.01	0.052608	0.001785	0.001344	0.000031	0.281155	0.000048	0.000050	0.281129	0.000023	0.000024	*a*	0.281129	0.000023	0.000024	0.281057	0.000023	0.000024	3.0	0.8	0.9	3070	51
NYB119256_70	27.09.2022	13158	12:16:44	35.1	1911	6	-0.3	14.1	-1.26	-1.28	1.02	0.055647	0.003571	0.001272	0.000067	0.281573	0.000045	0.000047	0.281552	0.000023	0.000024	*a*	0.281552	0.000023	0.000024	0.281506	0.000023	0.000024	-2.1	0.8	0.9	2660	51
NYB119256_71	27.09.2022	13158	12:18:09	22.0	1945	9	-24.8	14.0	-1.26	-1.28	1.02	0.151054	0.001285	0.004134	0.000039	0.281617	0.000075	0.000079	0.281545	0.000038	0.000040	*b*	0.281617	0.000075	0.000079	0.281464	0.000075	0.000079	-2.8	2.7	2.8	2729	168
NYB119256_72	27.09.2022	13158	12:21:25	38.9	2164	7	-0.8	12.7	-1.26	-1.29	1.02	0.037673	0.000562	0.000919	0.000015	0.281450	0.000047	0.000049	0.281434	0.000023	0.000024	*a*	0.281434	0.000023	0.000024	0.281396	0.000023	0.000024	-0.1	0.8	0.9	2741	51
NYB119256_73	27.09.2022	13158	12:22:49	41.7	2001	19	-71.8	16.2	-1.27	-1.28	1.01	0.154583	0.006545	0.003795	0.000157	0.281427	0.000049	0.000052	0.281324	0.000025	0.000026	*b*	0.281427	0.000049	0.000052	0.281282	0.000050	0.000052	-8.0	1.8	1.8	3080	110
NYB119256_74	27.09.2022	13158	12:24:14	26.2	1930	6	0.2	13.1	-1.27	-1.27	1.00	0.069131	0.000619	0.001964	0.000037	0.281612	0.000065	0.000068	0.281560	0.000029	0.000031	*a*	0.281560	0.000029	0.000031	0.281488	0.000030	0.000031	-2.3	1.0	1.1	2688	66
NYB119256_75	27.09.2022	13158	12:25:41	38.3	1911	6	2.0	17.8	-1.26	-1.20	0.96	0.010169	0.000555	0.000251	0.000016	0.281540	0.000031	0.000032	0.281527	0.000017	0.000018	*a*	0.281527	0.000017	0.000018	0.281518	0.000017	0.000018	-1.7	0.6	0.6	2635	38
NYB119256_77	27.09.2022	13158	12:27:06	32.3	2906	6	-10.4	16.2	-1.25	-1.28	1.02	0.115930	0.005132	0.002971	0.000090	0.281179	0.000051	0.000054	0.281130	0.000024	0.000026	*a*	0.281130	0.000024	0.000026	0.280964	0.000025	0.000026	1.9	0.9	0.9	3209	55
NYB119256_78	27.09.2022	13158	12:41:45	24.8	2732	10	-14.6	17.7	-1.24	-1.27	1.03	0.050802	0.002454	0.001375	0.000064	0.281107	0.000044	0.000046	0.281089	0.000020	0.000021	*a*	0.281089	0.000020	0.000021	0.281017	0.000021	0.000022	-0.4	0.7	0.8	3202	45
~~NYB119256_79~~	~~27.09.2022~~	~~13158~~	~~12:43:10~~	~~11.7~~	~~2868~~	~~4~~	~~0.7~~	~~9.9~~	~~-1.25~~	~~-1.30~~	~~1.04~~	~~0.044348~~	~~0.000965~~	~~0.001391~~	~~0.000040~~	~~0.281008~~	~~0.000108~~	~~0.000114~~	~~0.281026~~	~~0.000049~~	~~0.000052~~	~~*a*~~	~~0.281026~~	~~0.000049~~	~~0.000052~~	~~0.280950~~	~~0.000049~~	~~0.000052~~	~~0.5~~	~~1.8~~	~~1.8~~	~~3261~~	~~108~~
~~NYB119256_80~~	~~27.09.2022~~	~~13158~~	~~12:44:36~~	~~10.1~~	~~2506~~	~~21~~	~~-64.6~~	~~20.9~~	~~-1.26~~	~~-1.28~~	~~1.02~~	~~0.164622~~	~~0.006240~~	~~0.004751~~	~~0.000254~~	~~0.281433~~	~~0.000075~~	~~0.000079~~	~~0.281335~~	~~0.000037~~	~~0.000039~~	~~*b*~~	~~0.281433~~	~~0.000075~~	~~0.000079~~	~~0.281205~~	~~0.000076~~	~~0.000080~~	~~1.1~~	~~2.7~~	~~2.8~~	~~2940~~	~~168~~

NYB119256_81	27.09.2022	13158	12:46:00	22.4	1922	5	1.5	18.7	-1.25	-1.28	1.02	0.028777	0.002228	0.000774	0.000068	0.281517	0.000040	0.000042	0.281517	0.000022	0.000024	a	0.281517	0.000022	0.000024	0.281489	0.000023	0.000024	-2.4	0.8	0.8	2691	50
NYB119256_82	27.09.2022	13158	12:47:25	27.5	2355	6	1.8	15.3	-1.24	-1.28	1.03	0.069038	0.002442	0.001954	0.000062	0.281154	0.000054	0.000056	0.281142	0.000025	0.000027	a	0.281142	0.000025	0.000027	0.281054	0.000026	0.000027	-7.8	0.9	1.0	3348	56
NYB119256_83	27.09.2022	13158	12:50:40	25.1	2854	7	-4.1	10.5	-1.26	-1.26	1.00	0.059924	0.001785	0.001849	0.000041	0.281107	0.000080	0.000084	0.281051	0.000038	0.000040	a	0.281051	0.000038	0.000040	0.280950	0.000038	0.000040	0.1	1.4	1.4	3269	84
~~NYB119256_84~~	~~27.09.2022~~	~~13158~~	~~12:52:05~~	~~13.2~~	~~1501~~	~~11~~	~~-0.4~~	~~13.2~~	~~-1.25~~	~~-1.27~~	~~1.02~~	~~0.030038~~	~~0.000601~~	~~0.000881~~	~~0.000036~~	~~0.281943~~	~~0.000080~~	~~0.000084~~	~~0.281918~~	~~0.000036~~	~~0.000038~~	~~a~~	~~0.281918~~	~~0.000036~~	~~0.000038~~	~~0.281893~~	~~0.000036~~	~~0.000038~~	~~2.2~~	~~1.3~~	~~1.4~~	~~2079~~	~~83~~
NYB119256_85	27.09.2022	13158	12:53:31	17.0	1915	10	-48.0	18.1	-1.26	-1.27	1.01	0.090457	0.005255	0.002464	0.000108	0.281618	0.000064	0.000067	0.281555	0.000033	0.000034	b	0.281618	0.000064	0.000067	0.281529	0.000064	0.000068	-1.2	2.3	2.4	2609	144
NYB119256_86	27.09.2022	13158	12:54:57	20.6	2176	11	1.4	15.4	-1.24	-1.27	1.03	0.042043	0.002212	0.001289	0.000053	0.281410	0.000053	0.000055	0.281385	0.000029	0.000031	a	0.281385	0.000029	0.000031	0.281332	0.000029	0.000031	-2.1	1.0	1.1	2870	65
NYB119256_87	27.09.2022	13158	12:56:21	26.3	2050	9	-2.6	17.8	-1.24	-1.27	1.02	0.149541	0.003504	0.003857	0.000127	0.281619	0.000050	0.000052	0.281565	0.000026	0.000027	a	0.281565	0.000026	0.000027	0.281415	0.000027	0.000028	-2.1	0.9	1.0	2770	59
NYB119256_88	27.09.2022	13158	12:59:35	17.6	2826	8	-2.6	15.2	-1.26	-1.25	0.99	0.144080	0.006280	0.003775	0.000114	0.281180	0.000074	0.000077	0.281056	0.000033	0.000035	b	0.281180	0.000074	0.000077	0.280975	0.000074	0.000078	0.4	2.6	2.8	3233	162
NYB119256_89	27.09.2022	13158	13:01:01	32.9	2778	5	0.1	13.3	-1.24	-1.28	1.03	0.030773	0.000544	0.000761	0.000016	0.281038	0.000046	0.000048	0.281035	0.000025	0.000026	a	0.281035	0.000025	0.000026	0.280995	0.000025	0.000026	-0.1	0.9	0.9	3220	55
NYB119256_90	27.09.2022	13158	13:02:27	24.7	1604	7	-0.8	13.9	-1.23	-1.27	1.03	0.037137	0.000244	0.001041	0.000018	0.281852	0.000050	0.000052	0.281833	0.000028	0.000030	a	0.281833	0.000028	0.000030	0.281801	0.000028	0.000030	1.3	1.0	1.1	2214	64
NYB119256_91	27.09.2022	13158	13:03:52	41.2	2873	6	-0.7	11.3	-1.26	-1.29	1.02	0.023775	0.000135	0.000620	0.000007	0.281050	0.000047	0.000049	0.281046	0.000025	0.000027	a	0.281046	0.000025	0.000027	0.281011	0.000025	0.000027	2.8	0.9	0.9	3130	55
NYB119256_92	27.09.2022	13158	13:05:17	30.7	2542	5	-0.8	15.6	-1.25	-1.28	1.02	0.034432	0.001589	0.000855	0.000045	0.281145	0.000045	0.000047	0.281119	0.000023	0.000024	a	0.281119	0.000023	0.000024	0.281077	0.000023	0.000024	-2.7	0.8	0.9	3188	51
~~NYB119256_93~~	~~27.09.2022~~	~~13158~~	~~13:08:30~~	~~7.6~~	~~2109~~	~~36~~	~~-45.2~~	~~19.4~~	~~-1.25~~	~~-1.25~~	~~1.01~~	~~0.224550~~	~~0.015282~~	~~0.005605~~	~~0.000480~~	~~0.281690~~	~~0.000116~~	~~0.000122~~	~~0.281540~~	~~0.000052~~	~~0.000055~~	~~b~~	~~0.281690~~	~~0.000116~~	~~0.000122~~	~~0.281465~~	~~0.000117~~	~~0.000123~~	~~1.0~~	~~4.2~~	~~4.4~~	~~2629~~	~~262~~
NYB119256_94	27.09.2022	13158	13:09:57	41.0	3069	13	-64.8	13.5	-1.24	-1.26	1.02	0.155967	0.005014	0.003966	0.000111	0.281674	0.000055	0.000058	0.281591	0.000028	0.000029	b	0.281674	0.000055	0.000058	0.281440	0.000056	0.000058	22.7	2.0	2.1	2112	124
NYB119256_95	27.09.2022	13158	13:11:22	41.1	1925	6	-0.7	13.6	-1.24	-1.26	1.02	0.025362	0.000447	0.000682	0.000006	0.281671	0.000039	0.000041	0.281655	0.000021	0.000022	a	0.281655	0.000021	0.000022	0.281630	0.000021	0.000022	2.6	0.7	0.8	2388	46
NYB119256_96	27.09.2022	13158	13:12:47	31.1	2676	14	-78.0	15.4	-1.24	-1.26	1.01	0.224821	0.004280	0.005668	0.000089	0.281239	0.000063	0.000066	0.281131	0.000030	0.000032	b	0.281239	0.000063	0.000066	0.280949	0.000063	0.000066	-4.1	2.2	2.4	3376	138
NYB119256_97	27.09.2022	13158	13:14:13	34.5	1924	7	-0.3	16.6	-1.22	-1.25	1.02	0.120047	0.004693	0.003237	0.000153	0.281703	0.000048	0.000050	0.281676	0.000023	0.000024	a	0.281676	0.000023	0.000024	0.281557	0.000023	0.000024	0.0	0.8	0.9	2543	52
NYB119256_98	27.09.2022	13158	13:17:25	25.2	1930	15	-1.9	21.3	-1.24	-1.27	1.02	0.125298	0.006854	0.002914	0.000166	0.281576	0.000041	0.000043	0.281521	0.000022	0.000023	a	0.281521	0.000022	0.000023	0.281414	0.000023	0.000024	-4.9	0.8	0.9	2843	51
NYB119256_99	27.09.2022	13158	13:18:51	18.2	1643	7	-3.9	17.1	-1.23	-1.27	1.03	0.048227	0.001573	0.001135	0.000050	0.281812	0.000052	0.000054	0.281803	0.000027	0.000028	a	0.281803	0.000027	0.000028	0.281768	0.000027	0.000028	1.1	0.9	1.0	2262	60
NYB119256_100	27.09.2022	13158	13:20:17	22.4	1918	6	1.5	17.5	-1.24	-1.60	1.27	0.002389	0.000060	0.000065	0.000002	0.281489	0.000037	0.000039	0.281503	0.000022	0.000023	a	0.281503	0.000022	0.000023	0.281501	0.000022	0.000023	-2.1	0.8	0.8	2667	49
NYB119256_101	27.09.2022	13158	13:21:41	22.3	1913	5	0.9	19.6	-1.24	-1.25	0.99	0.009400	0.000897	0.000213	0.000022	0.281591	0.000042	0.000044	0.281576	0.000023	0.000024	a	0.281576	0.000023	0.000024	0.281568	0.000023	0.000024	0.2	0.8	0.8	2527	51
NYB119256_102	27.09.2022	13158	13:23:07	26.7	1899	11	0.8	15.1	-1.23	-1.35	1.10	0.003010	0.000116	0.000072	0.000005	0.281437	0.000046	0.000048	0.281449	0.000026	0.000027	a	0.281449	0.000026	0.000027	0.281446	0.000026	0.000027	-4.5	0.9	1.0	2794	58
~~NYB119256_103~~	~~27.09.2022~~	~~13158~~	~~13:26:20~~	~~9.0~~	~~1826~~	~~25~~	~~-45.5~~	~~11.3~~	~~-1.25~~	~~-1.26~~	~~1.02~~	~~0.231715~~	~~0.007463~~	~~0.006440~~	~~0.000158~~	~~0.281781~~	~~0.000156~~	~~0.000164~~	~~0.281673~~	~~0.000077~~	~~0.000080~~	~~b~~	~~0.281781~~	~~0.000156~~	~~0.000164~~	~~0.281557~~	~~0.000156~~	~~0.000164~~	~~-2.2~~	~~5.5~~	~~5.8~~	~~2602~~	~~351~~
NYB119256_104	27.09.2022	13158	13:27:45	19.9	1858	8	2.8	11.5	-1.23	-1.25	1.01	0.143931	0.003591	0.004004	0.000112	0.281706	0.000097	0.000101	0.281635	0.000040	0.000042	b	0.281706	0.000097	0.000101	0.281565	0.000097	0.000101	-1.2	3.4	3.6	2567	217
~~NYB119256_105~~	~~27.09.2022~~	~~13158~~	~~13:29:10~~	~~14.6~~	~~1177~~	~~7~~	~~-2.5~~	~~13.3~~	~~-1.24~~	~~-1.23~~	~~0.99~~	~~0.042712~~	~~0.001105~~	~~0.001280~~	~~0.000013~~	~~0.282021~~	~~0.000076~~	~~0.000080~~	~~0.281991~~	~~0.000042~~	~~0.000044~~	~~a~~	~~0.281991~~	~~0.000042~~	~~0.000044~~	~~0.281963~~	~~0.000042~~	~~0.000044~~	~~-2.7~~	~~1.5~~	~~1.6~~	~~2127~~	~~95~~
NYB119256_106	27.09.2022	13158	13:30:36	21.4	2648	26	-37.7	20.6	-1.23	-1.25	1.01	0.209988	0.003953	0.005571	0.000152	0.281275	0.000061	0.000064	0.281172	0.000028	0.000030	b	0.281275	0.000061	0.000064	0.280993	0.000061	0.000064	-3.2	2.2	2.3	3301	135
NYB119256_107	27.09.2022	13158	13:32:01	41.2	2058	8	-2.8	12.6	-1.24	-1.26	1.01	0.070197	0.001174	0.001792	0.000018	0.281663	0.000049	0.000051	0.281630	0.000023	0.000024	a	0.281630	0.000023	0.000024	0.281560	0.000023	0.000024	3.2	0.8	0.9	2457	52
NYB119256_108	27.09.2022	13160	16:16:14	33.2	2117	6	-0.3	17.4	-1.25	-1.27	1.01	0.100758	0.002449	0.002589	0.000094	0.281649	0.000044	0.000047	0.281566	0.000021	0.000022	b	0.281649	0.000044	0.000047	0.281545	0.000045	0.000047	4.1	1.6	1.7	2453	100
NYB119256_109	27.09.2022	13160	16:17:39	34.9	1971	9	-37.0	15.8	-1.26	-1.27	1.01	0.099382	0.002608	0.002595	0.000079	0.281417	0.000042	0.000045	0.281346	0.000023	0.000024	b	0.281417	0.000042	0.000045	0.281320	0.000043	0.000045	-7.3	1.5	1.6	3018	94
NYB119256_110	27.09.2022	13160	16:19:05	34.6	2049	22	-14.2	15.2	-1.27	-1.25	0.99	0.059439	0.002547	0.001624	0.000046	0.281647	0.000045	0.000048	0.281575	0.000025	0.000026	b	0.281647	0.000045	0.000048	0.281584	0.000045	0.000048	3.9	1.6	1.7	2411	102

NYB119256_111	27.09.2022	13160	16:20:30	33.8	2065	9	-49.3	15.1	-1.26	-1.27	1.01	0.172168	0.012076	0.003967	0.000269	0.281786	0.000056	0.000058	0.281646	0.000029	0.000031	*b*	0.281786	0.000056	0.000058	0.281631	0.000057	0.000059	5.9	2.0	2.1	2301	127
NYB119256_112	27.09.2022	13160	16:21:55	34.3	1969	10	-4.7	14.1	-1.26	-1.26	1.01	0.097397	0.002639	0.002493	0.000093	0.281689	0.000057	0.000060	0.281603	0.000028	0.000030	*b*	0.281689	0.000057	0.000060	0.281596	0.000057	0.000060	2.4	2.0	2.1	2434	128
NYB119256_113	27.09.2022	13160	16:25:09	25.6	2024	9	-42.6	14.3	-1.26	-1.23	0.97	0.126137	0.002049	0.002876	0.000057	0.281569	0.000066	0.000069	0.281355	0.000035	0.000036	*b*	0.281569	0.000066	0.000069	0.281458	0.000066	0.000069	-1.2	2.3	2.5	2694	147
NYB119256_114	27.09.2022	13160	16:26:34	18.2	3654	9	-94.3	19.7	-1.26	-1.27	1.01	0.607399	0.008097	0.016572	0.000257	0.281418	0.000105	0.000110	0.280924	0.000072	0.000076	*b*	0.281418	0.000105	0.000110	0.280248	0.000106	0.000111	-5.9	3.8	4.0	4248	226
NYB119256_115	27.09.2022	13160	16:27:58	25.1	1853	6	-0.3	11.3	-1.27	-1.27	1.00	0.062187	0.003628	0.001729	0.000107	0.281686	0.000078	0.000082	0.281606	0.000033	0.000034	*b*	0.281686	0.000078	0.000082	0.281625	0.000078	0.000082	0.8	2.8	2.9	2440	176
NYB119256_116	27.09.2022	13160	16:29:24	31.4	2186	16	-25.7	14.4	-1.25	-1.29	1.03	0.111712	0.000916	0.002746	0.000027	0.281647	0.000052	0.000054	0.281595	0.000026	0.000027	*a*	0.281595	0.000026	0.000027	0.281481	0.000026	0.000027	3.4	0.9	1.0	2548	57
NYB119256_117	27.09.2022	13160	16:30:48	23.5	2093	13	-35.2	10.5	-1.27	-1.27	1.01	0.128615	0.008740	0.003147	0.000158	0.281320	0.000086	0.000091	0.281231	0.000044	0.000046	*b*	0.281320	0.000086	0.000091	0.281195	0.000086	0.000091	-8.9	3.1	3.2	3209	191
NYB119256_118	27.09.2022	13160	16:34:02	20.5	1945	7	-5.4	14.3	-1.26	-1.30	1.03	0.184763	0.003516	0.004317	0.000052	0.281612	0.000075	0.000079	0.281557	0.000037	0.000039	*a*	0.281557	0.000037	0.000039	0.281397	0.000037	0.000039	-5.2	1.3	1.4	2872	83
NYB119256_119	27.09.2022	13160	16:35:28	41.0	2699	13	0.6	12.9	-1.26	-1.28	1.01	0.022815	0.000631	0.000614	0.000013	0.281139	0.000046	0.000048	0.281118	0.000025	0.000026	*a*	0.281118	0.000025	0.000026	0.281087	0.000025	0.000026	1.4	0.9	0.9	3075	54
NYB119256_120	27.09.2022	13160	16:36:52	28.0	1964	12	-8.0	13.3	-1.26	-1.22	0.97	0.011259	0.000942	0.000303	0.000025	0.281523	0.000051	0.000053	0.281500	0.000026	0.000027	*a*	0.281500	0.000026	0.000027	0.281489	0.000026	0.000027	-1.5	0.9	1.0	2665	58
~~NYB119256_121~~	~~27.09.2022~~	~~13160~~	~~16:38:18~~	~~19.0~~	~~1846~~	~~5~~	~~-19.9~~	~~7.9~~	~~-1.25~~	~~-1.26~~	~~1.01~~	~~0.177489~~	~~0.002023~~	~~0.004679~~	~~0.000085~~	~~0.281791~~	~~0.000136~~	~~0.000143~~	~~0.281633~~	~~0.000063~~	~~0.000067~~	~~*b*~~	~~0.281791~~	~~0.000136~~	~~0.000143~~	~~0.281627~~	~~0.000136~~	~~0.000143~~	~~0.7~~	~~4.8~~	~~5.1~~	~~2441~~	~~307~~
NYB119256_122	27.09.2022	13160	16:39:43	23.5	2790	10	-4.8	12.8	-1.25	-1.27	1.02	0.083936	0.002375	0.002318	0.000059	0.281114	0.000072	0.000075	0.281070	0.000033	0.000035	*a*	0.281070	0.000033	0.000035	0.280946	0.000033	0.000035	-1.5	1.2	1.2	3315	72
NYB119256_123	27.09.2022	13160	16:42:57	19.2	1904	6	-0.5	11.0	-1.27	-1.27	1.00	0.028178	0.002349	0.000643	0.000047	0.281647	0.000074	0.000078	0.281627	0.000037	0.000039	*a*	0.281627	0.000037	0.000039	0.281604	0.000037	0.000039	1.2	1.3	1.4	2455	84
~~NYB119256_124~~	~~27.09.2022~~	~~13160~~	~~16:44:22~~	~~11.9~~	~~1682~~	~~13~~	~~-64.0~~	~~9.7~~	~~-1.26~~	~~-1.26~~	~~1.00~~	~~0.207083~~	~~0.002790~~	~~0.005851~~	~~0.000060~~	~~0.282247~~	~~0.000142~~	~~0.000149~~	~~0.282027~~	~~0.000082~~	~~0.000086~~	~~*b*~~	~~0.282247~~	~~0.000142~~	~~0.000149~~	~~0.282061~~	~~0.000142~~	~~0.000149~~	~~12.3~~	~~5.0~~	~~5.3~~	~~1604~~	~~326~~
NYB119256_125	27.09.2022	13160	16:45:49	31.1	2099	10	-49.0	16.0	-1.26	-1.28	1.01	0.056341	0.001228	0.001324	0.000022	0.281555	0.000043	0.000045	0.281493	0.000025	0.000026	*b*	0.281555	0.000043	0.000045	0.281502	0.000043	0.000045	2.1	1.5	1.6	2555	95
~~NYB119256_126~~	~~27.09.2022~~	~~13160~~	~~16:47:13~~	~~4.9~~	~~2541~~	~~55~~	~~-42.3~~	~~2.7~~	~~-1.26~~	~~-1.49~~	~~1.22~~	~~0.020746~~	~~0.003406~~	~~0.000710~~	~~0.000111~~	~~0.281266~~	~~0.000544~~	~~0.000571~~	~~0.281363~~	~~0.000239~~	~~0.000251~~	~~*a*~~	~~0.281363~~	~~0.000239~~	~~0.000251~~	~~0.281329~~	~~0.000240~~	~~0.000252~~	~~6.3~~	~~8.5~~	~~8.9~~	~~2659~~	~~535~~
NYB119256_127	27.09.2022	13160	16:48:39	25.3	2062	5	0.8	9.9	-1.26	-1.27	1.00	0.097549	0.003372	0.002698	0.000059	0.281579	0.000082	0.000086	0.281484	0.000035	0.000037	*b*	0.281579	0.000082	0.000086	0.281473	0.000082	0.000086	0.2	2.9	3.0	2639	183
NYB119256_128	27.09.2022	13160	16:51:52	20.9	1864	9	-64.8	11.6	-1.26	-1.26	1.00	0.118358	0.004787	0.003038	0.000108	0.281694	0.000094	0.000099	0.281579	0.000043	0.000045	*b*	0.281694	0.000094	0.000099	0.281586	0.000094	0.000099	-0.3	3.3	3.5	2517	211
NYB119256_129	27.09.2022	13160	16:53:17	25.1	1801	7	1.7	10.0	-1.25	-1.35	1.07	0.030388	0.000663	0.000831	0.000014	0.281443	0.000067	0.000071	0.281436	0.000035	0.000037	*a*	0.281436	0.000035	0.000037	0.281407	0.000035	0.000037	-8.1	1.2	1.3	2937	78
NYB119256_130	27.09.2022	13160	16:54:44	34.4	2040	9	-5.3	9.1	-1.28	-1.24	0.97	0.082471	0.001727	0.002273	0.000047	0.281452	0.000073	0.000077	0.281311	0.000036	0.000037	*b*	0.281452	0.000073	0.000077	0.281364	0.000073	0.000077	-4.1	2.6	2.7	2883	164
NYB119256_131	27.09.2022	13160	16:56:08	25.6	2139	17	-8.5	14.5	-1.25	-1.32	1.06	0.045079	0.002174	0.001146	0.000025	0.281526	0.000052	0.000055	0.281522	0.000027	0.000028	*a*	0.281522	0.000027	0.000028	0.281475	0.000027	0.000028	2.1	0.9	1.0	2588	60

STAL119267

STAL1119267_1	22.09.2022	13152	12:43:09	41.0	2453	10	1.0	12.3	-1.33	-1.34	1.00	0.031340	0.000336	0.000751	0.000007	0.281132	0.000046	0.000049	0.281117	0.000022	0.000023	*a*	0.281117	0.000022	0.000023	0.281082	0.000022	0.000023	-4.6	0.8	0.8	3231	49
STAL1119267_2	22.09.2022	13152	12:44:34	41.0	1988	9	-11.1	14.9	-1.32	-1.30	0.98	0.030120	0.000578	0.000700	0.000009	0.281607	0.000038	0.000040	0.281571	0.000023	0.000024	*a*	0.281571	0.000023	0.000024	0.281545	0.000023	0.000024	1.1	0.8	0.8	2530	51
STAL1119267_3	22.09.2022	13152	12:46:00	41.2	1952	7	-3.9	14.7	-1.32	-1.34	1.01	0.031262	0.000424	0.000730	0.000006	0.281578	0.000044	0.000046	0.281571	0.000020	0.000021	*a*	0.281571	0.000020	0.000021	0.281544	0.000020	0.000021	0.2	0.7	0.8	2555	45
STAL1119267_4	22.09.2022	13152	12:47:25	41.0	2455	6	0.5	14.4	-1.32	-1.33	1.01	0.029710	0.000984	0.000721	0.000014	0.281153	0.000039	0.000041	0.281140	0.000021	0.000022	*a*	0.281140	0.000021	0.000022	0.281106	0.000021	0.000022	-3.7	0.7	0.8	3179	46
STAL1119267_5	22.09.2022	13152	12:48:50	41.0	2800	7	-1.6	12.0	-1.32	-1.32	1.00	0.101927	0.002595	0.002246	0.000034	0.281137	0.000052	0.000054	0.281044	0.000027	0.000028	*b*	0.281137	0.000052	0.000054	0.281017	0.000052	0.000054	1.2	1.8	1.9	3162	114

STAL1119267_6	22.09.2022	13152	12:52:03	41.0	2913	7	-14.2	12.2	-1.32	-1.35	1.02	0.085447	0.004054	0.001870	0.000079	0.281065	0.000052	0.000055	0.281021	0.000025	0.000026	*a*	0.281021	0.000025	0.000026	0.280916	0.000025	0.000026	0.3	0.9	0.9	3305	55
STAL1119267_7	22.09.2022	13152	12:53:28	41.0	2804	7	2.1	12.9	-1.32	-1.32	1.00	0.047490	0.001095	0.001111	0.000024	0.281110	0.000047	0.000050	0.281068	0.000023	0.000024	*a*	0.281068	0.000023	0.000024	0.281008	0.000023	0.000024	1.0	0.8	0.9	3177	51
STAL1119267_8	22.09.2022	13152	12:54:54	41.0	2373	18	-68.2	12.1	-1.31	-1.34	1.03	0.171239	0.001341	0.003845	0.000020	0.281229	0.000066	0.000069	0.281172	0.000030	0.000031	*b*	0.281229	0.000066	0.000069	0.281054	0.000066	0.000069	-7.4	2.3	2.5	3336	144
STAL1119267_9	22.09.2022	13152	12:56:19	41.2	1904	7	1.1	13.1	-1.32	-1.32	1.00	0.026399	0.001060	0.000670	0.000026	0.281569	0.000041	0.000043	0.281566	0.000022	0.000023	*a*	0.281566	0.000022	0.000023	0.281542	0.000022	0.000023	-1.0	0.8	0.8	2588	50
STAL1119267_10	22.09.2022	13152	12:57:44	41.0	2311	21	-51.3	11.8	-1.31	-1.35	1.03	0.069733	0.002160	0.001536	0.000034	0.281272	0.000055	0.000058	0.281264	0.000026	0.000028	*a*	0.281264	0.000026	0.000028	0.281196	0.000026	0.000028	-3.8	0.9	1.0	3076	59
STAL1119267_11	22.09.2022	13152	13:00:57	41.0	2502	15	-24.6	19.0	-1.29	-1.33	1.03	0.043950	0.000695	0.000959	0.000018	0.281337	0.000032	0.000033	0.281327	0.000017	0.000018	*a*	0.281327	0.000017	0.000018	0.281281	0.000017	0.000018	3.7	0.6	0.6	2783	37
STAL1119267_12	22.09.2022	13152	13:02:22	41.0	2799	7	-1.5	11.3	-1.31	-1.39	1.06	0.031797	0.000610	0.000807	0.000013	0.281063	0.000051	0.000053	0.281080	0.000024	0.000025	*a*	0.281080	0.000024	0.000025	0.281036	0.000024	0.000025	1.9	0.9	0.9	3121	53
STAL1119267_14	22.09.2022	13152	13:05:13	41.3	2698	5	0.8	13.0	-1.32	-1.32	1.00	0.014124	0.000204	0.000372	0.000003	0.281063	0.000039	0.000041	0.281051	0.000022	0.000023	*a*	0.281051	0.000022	0.000023	0.281032	0.000022	0.000023	-0.6	0.8	0.8	3190	47
STAL1119267_16	22.09.2022	13152	13:09:51	30.3	2722	6	0.5	18.8	-1.30	-1.33	1.02	0.026720	0.001286	0.000673	0.000037	0.281053	0.000036	0.000038	0.281043	0.000020	0.000021	*a*	0.281043	0.000020	0.000021	0.281008	0.000020	0.000021	-0.9	0.7	0.7	3226	44
STAL1119267_17	22.09.2022	13152	13:11:16	30.5	3851	38	-72.7	15.9	-1.32	-1.33	1.01	0.120042	0.009437	0.002543	0.000156	0.281119	0.000051	0.000054	0.281013	0.000027	0.000028	*b*	0.281119	0.000051	0.000054	0.280930	0.000053	0.000055	23.2	1.9	2.0	2734	115
STAL1119267_18	22.09.2022	13152	13:12:42	41.0	1909	6	-2.2	14.6	-1.32	-1.45	1.09	0.013690	0.000696	0.000358	0.000021	0.281454	0.000037	0.000039	0.281461	0.000020	0.000020	*a*	0.281461	0.000020	0.000020	0.281448	0.000020	0.000021	-4.2	0.7	0.7	2784	44
STAL1119267_19	22.09.2022	13152	13:14:07	41.1	2890	9	-7.8	12.4	-1.31	-1.34	1.03	0.066356	0.001162	0.001545	0.000024	0.281115	0.000051	0.000054	0.281095	0.000025	0.000027	*a*	0.281095	0.000025	0.000027	0.281009	0.000025	0.000027	3.1	0.9	0.9	3125	56
STAL1119267_20	22.09.2022	13152	13:15:32	41.0	2776	7	1.0	12.1	-1.32	-1.39	1.06	0.027258	0.000549	0.000709	0.000016	0.281093	0.000045	0.000047	0.281100	0.000024	0.000025	*a*	0.281100	0.000024	0.000025	0.281063	0.000024	0.000025	2.3	0.8	0.9	3080	52
STAL1119267_21	23.09.2022	13154	12:34:01	36.8	2720	5	-0.1	13.9	1.47	-1.26	13.72	0.000361	0.000003	0.281075	0.000020	-1.339853	0.117397	0.123266	0.281072	0.000020	0.000021	*a*	0.281072	0.000020	0.000021	0.266431	0.000020	0.000021	-519.7	0.8	0.8	27336	29
STAL1119267_22	23.09.2022	13154	12:35:27	41.0	1909	8	0.6	12.7	1.47	-1.27	12.76	0.000049	0.000001	0.281505	0.000023	-1.576230	0.819774	0.860762	0.281501	0.000023	0.000024	*a*	0.281501	0.000023	0.000024	0.271286	0.000023	0.000024	-365.1	0.9	0.9	20929	37
STAL1119267_23	23.09.2022	13154	12:36:52	41.0	1970	6	1.2	11.7	1.47	-1.26	11.32	0.000691	0.000017	0.281617	0.000023	-1.265455	0.071536	0.075112	0.281614	0.000023	0.000024	*a*	0.281614	0.000023	0.000024	0.271062	0.000023	0.000024	-371.7	0.9	0.9	21231	37
STAL1119267_24	23.09.2022	13154	12:38:18	41.0	2825	9	-19.3	10.1	1.47	-1.26	9.12	0.001444	0.000042	0.281021	0.000029	-1.257003	0.048435	0.050857	0.281018	0.000029	0.000031	*a*	0.281018	0.000029	0.000031	0.265799	0.000029	0.000031	-539.8	1.1	1.2	28109	40
STAL1119267_25	23.09.2022	13154	12:39:43	41.1	2398	17	-31.1	14.8	1.47	-1.26	14.97	0.000013	0.000000	0.281078	0.000021	0.044719	2.880099	3.024104	0.281074	0.000021	0.000023	*a*	0.281074	0.000021	0.000023	0.268206	0.000022	0.000023	-463.7	0.8	0.8	25109	31
STAL1119267_26	23.09.2022	13154	12:42:56	41.1	2734	6	-12.5	13.1	1.47	-1.26	12.33	0.001047	0.000027	0.281076	0.000024	-1.265727	0.041770	0.043859	0.281073	0.000024	0.000026	*a*	0.281073	0.000024	0.000026	0.266351	0.000024	0.000026	-522.2	0.9	1.0	27433	34
STAL1119267_27	23.09.2022	13154	12:44:21	35.5	2731	6	0.3	12.3	1.47	-1.24	12.16	0.000468	0.000014	0.281011	0.000027	-1.315862	0.137212	0.144073	0.281007	0.000027	0.000028	*a*	0.281007	0.000027	0.000028	0.266306	0.000027	0.000028	-523.8	1.0	1.1	27495	37
STAL1119267_28	23.09.2022	13154	12:45:46	41.0	2924	4	-4.5	11.8	1.47	-1.25	10.26	0.002318	0.000055	0.280941	0.000030	-1.266293	0.023689	0.024874	0.280937	0.000030	0.000031	*a*	0.280937	0.000030	0.000031	0.265176	0.000030	0.000031	-559.8	1.1	1.2	28862	40
STAL1119267_29	23.09.2022	13154	12:47:11	41.0	2913	27	-28.2	13.4	1.47	-1.25	12.06	0.001774	0.000101	0.281510	0.000024	-1.255894	0.024852	0.026095	0.281506	0.000024	0.000025	*a*	0.281506	0.000024	0.000025	0.265769	0.000024	0.000025	-538.9	0.9	1.0	28096	33
STAL1119267_30	23.09.2022	13154	12:48:36	41.0	2693	5	0.5	10.3	1.47	-1.25	9.68	0.001161	0.000009	0.281108	0.000030	-1.258338	0.048236	0.050647	0.281104	0.000030	0.000031	*a*	0.281104	0.000030	0.000031	0.266611	0.000030	0.000032	-513.9	1.1	1.2	27112	42
STAL1119267_31	23.09.2022	13154	12:51:49	24.6	3145	19	-58.7	10.2	1.47	-1.23	9.34	0.001744	0.000032	0.281101	0.000034	-1.233282	0.048465	0.050888	0.281097	0.000034	0.000035	*a*	0.281097	0.000034	0.000035	0.264097	0.000034	0.000035	-593.3	1.3	1.3	30108	45
STAL1119267_32	23.09.2022	13154	12:53:14	41.0	2857	5	2.1	12.6	1.47	-1.26	11.82	0.001104	0.000041	0.280963	0.000024	-1.272916	0.047855	0.050248	0.280959	0.000024	0.000025	*a*	0.280959	0.000024	0.000025	0.265564	0.000024	0.000025	-547.4	0.9	0.9	28397	33
STAL1119267_33	23.09.2022	13154	12:54:39	41.1	2151	24	-45.9	11.9	1.47	-1.25	8.81	0.005037	0.000116	0.281141	0.000036	-1.266817	0.012055	0.012658	0.281137	0.000036	0.000038	*a*	0.281137	0.000036	0.000038	0.269617	0.000036	0.000038	-419.0	1.3	1.4	23254	55
STAL1119267_36	23.09.2022	13154	13:00:43	41.0	1908	8	0.7	13.8	1.47	-1.25	12.47	0.001732	0.000093	0.281455	0.000022	-1.271460	0.029674	0.031158	0.281450	0.000022	0.000024	*a*	0.281450	0.000022	0.000024	0.271245	0.000022	0.000024	-366.6	0.8	0.9	20992	36
STAL1119267_37	23.09.2022	13154	13:02:08	41.1	1907	6	0.8	12.3	1.47	-1.25	12.27	0.000203	0.000018	0.281504	0.000023	-1.328893	0.291295	0.305859	0.281500	0.000023	0.000024	*a*	0.281500	0.000023	0.000024	0.271296	0.000023	0.000024	-364.8	0.8	0.9	20916	36
STAL1119267_38	23.09.2022	13154	13:03:33	37.3	3505	35	-68.4	13.9	1.47	-1.24	9.95	0.005683	0.000104	0.280890	0.000040	-1.252720	0.009748	0.010235	0.280885	0.000040	0.000042	*a*	0.280885	0.000040	0.000042	0.261892	0.000040	0.000042	-663.8	1.5	1.6	32606	50

STAL1119267_39	23.09.2022	13154	13:04:58	41.1	2851	5	-0.3	9.6	1.47	-1.25	8.74	0.001759	0.000006	0.281140	0.000029	-1.281809	0.037449	0.039322	0.281136	0.000029	0.000030	*a*	**0.281136**	**0.000029**	**0.000030**	**0.265767**	**0.000029**	**0.000030**	**-540.3**	**1.1**	**1.1**	**28135**	**39**
STAL1119267_40	23.09.2022	13154	13:06:24	41.0	1899	9	-16.1	13.8	1.47	-1.24	12.52	0.001845	0.000021	0.281669	0.000023	-1.279515	0.027367	0.028735	0.281665	0.000023	0.000025	*a*	**0.281665**	**0.000023**	**0.000025**	**0.271501**	**0.000023**	**0.000025**	**-357.7**	**0.9**	**0.9**	**20610**	**38**
STAL1119267_41	23.09.2022	13154	13:09:37	41.0	2431	9	-2.0	10.8	1.47	-1.25	10.26	0.000989	0.000008	0.281197	0.000024	-1.317049	0.053199	0.055859	0.281192	0.000024	0.000025	*a*	**0.281192**	**0.000024**	**0.000025**	**0.268137**	**0.000024**	**0.000025**	**-465.4**	**0.9**	**0.9**	**25186**	**35**
STAL1119267_42	23.09.2022	13154	13:11:02	41.0	2774	7	-2.4	10.2	1.47	-1.25	9.74	0.001101	0.000011	0.281126	0.000026	-1.337538	0.057985	0.060884	0.281121	0.000026	0.000027	*a*	**0.281121**	**0.000026**	**0.000027**	**0.266178**	**0.000026**	**0.000027**	**-527.4**	**1.0**	**1.0**	**27639**	**36**
STAL1119267_43	23.09.2022	13154	13:12:27	34.2	2012	9	-24.1	11.9	1.47	-1.24	11.45	0.000834	0.000017	0.281958	0.000025	-1.291737	0.067495	0.070870	0.281953	0.000025	0.000027	*a*	**0.281953**	**0.000025**	**0.000027**	**0.271162**	**0.000025**	**0.000027**	**-367.2**	**0.9**	**1.0**	**21055**	**40**
STAL1119267_44	23.09.2022	13154	13:13:52	41.0	2863	13	-15.5	12.3	1.47	-1.24	11.18	0.001588	0.000045	0.281077	0.000025	-1.278282	0.029290	0.030755	0.281072	0.000025	0.000026	*a*	**0.281072**	**0.000025**	**0.000026**	**0.265640**	**0.000025**	**0.000026**	**-544.6**	**0.9**	**1.0**	**28295**	**34**
STAL1119267_45	23.09.2022	13154	13:15:17	41.0	2793	6	-13.5	10.4	1.47	-1.24	9.57	0.001355	0.000005	0.281112	0.000029	-1.283576	0.037905	0.039800	0.281107	0.000029	0.000030	*a*	**0.281107**	**0.000029**	**0.000030**	**0.266062**	**0.000029**	**0.000030**	**-531.2**	**1.1**	**1.1**	**27782**	**40**
STAL1119267_46	23.09.2022	13154	13:31:19	41.1	1934	6	2.0	12.1	1.47	-1.24	11.63	0.000860	0.000010	0.281596	0.000023	-1.257853	0.057788	0.060677	0.281591	0.000023	0.000024	*a*	**0.281591**	**0.000023**	**0.000024**	**0.271237**	**0.000023**	**0.000024**	**-366.3**	**0.8**	**0.9**	**20988**	**37**
STAL1119267_47	23.09.2022	13154	13:32:44	41.1	1936	10	-1.1	11.6	1.47	-1.25	11.21	0.000707	0.000005	0.281598	0.000024	-1.264526	0.063975	0.067174	0.281593	0.000024	0.000025	*a*	**0.281593**	**0.000024**	**0.000025**	**0.271227**	**0.000024**	**0.000025**	**-366.6**	**0.9**	**0.9**	**21003**	**38**
STAL1119267_48	23.09.2022	13154	13:34:10	41.0	1903	12	0.4	10.3	1.47	-1.25	10.24	0.000274	0.000005	0.281548	0.000024	-1.394033	0.209936	0.220433	0.281542	0.000024	0.000025	*a*	**0.281542**	**0.000024**	**0.000025**	**0.271361**	**0.000024**	**0.000025**	**-362.6**	**0.9**	**0.9**	**20820**	**39**
STAL1119267_49	23.09.2022	13154	13:35:35	41.0	2795	6	-4.1	9.5	1.47	-1.24	9.16	0.000835	0.000012	0.281069	0.000028	-1.246517	0.077368	0.081237	0.281063	0.000028	0.000030	*a*	**0.281063**	**0.000028**	**0.000030**	**0.266005**	**0.000028**	**0.000030**	**-533.1**	**1.1**	**1.1**	**27856**	**39**
STAL1119267_50	23.09.2022	13154	13:36:59	28.2	2680	7	3.4	12.2	1.47	-1.22	10.90	0.001625	0.000039	0.281088	0.000031	-1.254408	0.037171	0.039030	0.281083	0.000031	0.000033	*a*	**0.281083**	**0.000031**	**0.000033**	**0.266662**	**0.000031**	**0.000033**	**-512.3**	**1.2**	**1.2**	**27051**	**44**
STAL1119267_51	23.09.2022	13154	13:40:12	41.2	2735	6	-23.7	10.3	1.47	-1.24	9.87	0.000932	0.000005	0.281102	0.000027	-1.239923	0.067149	0.070506	0.281097	0.000027	0.000028	*a*	**0.281097**	**0.000027**	**0.000028**	**0.266368**	**0.000027**	**0.000028**	**-521.5**	**1.0**	**1.1**	**27411**	**37**
STAL1119267_52	23.09.2022	13154	13:41:38	41.1	1880	18	-7.4	11.1	1.47	-1.23	10.38	0.001219	0.000016	0.281748	0.000025	-1.290633	0.044652	0.046885	0.281742	0.000025	0.000026	*a*	**0.281742**	**0.000025**	**0.000026**	**0.271675**	**0.000025**	**0.000026**	**-351.9**	**0.9**	**1.0**	**20355**	**40**
STAL1119267_53	23.09.2022	13154	13:43:03	41.1	1886	6	-6.1	13.0	1.47	-1.24	12.25	0.001114	0.000001	0.281560	0.000023	-1.269543	0.042942	0.045089	0.281554	0.000023	0.000024	*a*	**0.281554**	**0.000023**	**0.000024**	**0.271461**	**0.000023**	**0.000024**	**-359.4**	**0.9**	**0.9**	**20677**	**37**
STAL1119267_54	23.09.2022	13154	13:44:28	36.8	2598	11	-6.8	12.8	1.47	-1.23	11.33	0.002168	0.000071	0.281080	0.000025	-1.246571	0.024447	0.025669	0.281074	0.000025	0.000026	*a*	**0.281074**	**0.000025**	**0.000026**	**0.267104**	**0.000025**	**0.000026**	**-498.4**	**0.9**	**1.0**	**26504**	**35**
STAL1119267_55	23.09.2022	13154	13:45:53	41.1	2794	5	-1.1	9.7	1.47	-1.24	9.07	0.001416	0.000008	0.281102	0.000029	-1.263926	0.049245	0.051708	0.281096	0.000029	0.000030	*a*	**0.281096**	**0.000029**	**0.000030**	**0.266041**	**0.000029**	**0.000030**	**-531.9**	**1.1**	**1.1**	**27808**	**40**
STAL1119267_56	23.09.2022	13154	13:49:05	41.1	2255	7	-12.5	13.1	1.47	-1.25	13.02	0.000157	0.000008	0.281543	0.000022	-1.154951	0.339393	0.356362	0.281537	0.000022	0.000023	*a*	**0.281537**	**0.000022**	**0.000023**	**0.269430**	**0.000022**	**0.000023**	**-423.3**	**0.8**	**0.9**	**23462**	**34**
STAL1119267_57	23.09.2022	13154	13:50:30	41.0	1953	7	-4.6	10.0	1.47	-1.24	9.58	0.000854	0.000002	0.281588	0.000026	-1.283872	0.072773	0.076412	0.281583	0.000026	0.000028	*a*	**0.281583**	**0.000026**	**0.000028**	**0.271125**	**0.000026**	**0.000028**	**-369.8**	**1.0**	**1.0**	**21146**	**42**
STAL1119267_58	23.09.2022	13154	13:51:55	29.4	2515	13	-2.1	8.5	1.47	-1.21	8.00	0.001218	0.000026	0.281148	0.000040	-1.178722	0.084269	0.088483	0.281142	0.000040	0.000042	*a*	**0.281142**	**0.000040**	**0.000042**	**0.267628**	**0.000040**	**0.000042**	**-481.6**	**1.5**	**1.6**	**25839**	**58**
STAL1119267_59	23.09.2022	13154	13:53:21	41.0	2516	7	0.0	11.5	1.47	-1.23	10.45	0.001706	0.000024	0.281271	0.000025	-1.252345	0.034027	0.035728	0.281265	0.000025	0.000027	*a*	**0.281265**	**0.000025**	**0.000027**	**0.267737**	**0.000025**	**0.000027**	**-477.7**	**1.0**	**1.0**	**25688**	**37**
STAL1119267_60	23.09.2022	13154	13:54:46	32.7	1904	7	0.9	13.1	1.47	-1.24	13.04	0.000157	0.000017	0.281492	0.000025	-1.057251	0.358401	0.376321	0.281486	0.000025	0.000026	*a*	**0.281486**	**0.000025**	**0.000026**	**0.271301**	**0.000025**	**0.000026**	**-364.7**	**0.9**	**1.0**	**20910**	**40**
STAL1119267_61	23.09.2022	13154	13:57:58	41.0	2416	6	-1.3	13.4	1.47	-1.25	12.35	0.001414	0.000038	0.281263	0.000022	-1.262088	0.032583	0.034212	0.281257	0.000022	0.000023	*a*	**0.281257**	**0.000022**	**0.000023**	**0.268277**	**0.000022**	**0.000023**	**-460.7**	**0.8**	**0.9**	**24999**	**32**
STAL1119267_62	23.09.2022	13154	13:59:24	41.0	2804	17	-29.5	13.3	1.47	-1.25	12.44	0.001244	0.000082	0.281580	0.000022	-1.251763	0.040784	0.042823	0.281574	0.000022	0.000023	*a*	**0.281574**	**0.000022**	**0.000023**	**0.266443**	**0.000022**	**0.000023**	**-517.3**	**0.8**	**0.9**	**27270**	**31**
STAL1119267_63	23.09.2022	13154	14:00:49	41.0	2376	9	-50.7	15.5	1.47	-1.24	13.87	0.001597	0.000033	0.281063	0.000022	-1.242837	0.025634	0.026916	0.281057	0.000022	0.000023	*a*	**0.281057**	**0.000022**	**0.000023**	**0.268309**	**0.000022**	**0.000023**	**-460.5**	**0.8**	**0.9**	**24978**	**32**
STAL1119267_64	23.09.2022	13154	14:02:13	22.4	2868	15	-23.6	17.0	1.47	-1.23	14.96	0.001942	0.000083	0.281024	0.000029	-1.233615	0.024411	0.025631	0.281018	0.000029	0.000030	*a*	**0.281018**	**0.000029**	**0.000030**	**0.265559**	**0.000029**	**0.000030**	**-547.4**	**1.1**	**1.1**	**28397**	**40**
STAL1119267_65	23.09.2022	13154	14:03:39	30.5	3636	8	-35.6	13.0	1.47	-1.24	11.80	0.001336	0.000040	0.281102	0.000032	-1.239067	0.036002	0.037802	0.281096	0.000032	0.000033	*a*	**0.281096**	**0.000032**	**0.000033**	**0.261353**	**0.000032**	**0.000033**	**-680.1**	**1.2**	**1.3**	**33170**	**39**
STAL1119267_66	23.09.2022	13154	14:06:51	41.0	1847	13	-57.7	16.3	1.47	-1.22	11.15	0.005943	0.000218	0.281480	0.000032	-1.229226	0.011727	0.012313	0.281474	0.000032	0.000034	*a*	**0.281474**	**0.000032**	**0.000034**	**0.271599**	**0.000032**	**0.000034**	**-355.4**	**1.2**	**1.2**	**20492**	**51**
STAL1119267_67	23.09.2022	13154	14:08:16	34.7	2451	8	-2.4	10.9	1.47	-1.23	10.66	0.000516	0.000010	0.281100	0.000028	-1.229277	0.101983	0.107082	0.281094	0.000028	0.000029	*a*	**0.281094**	**0.000028**	**0.000029**	**0.267934**	**0.000028**	**0.000029**	**-472.2**	**1.0**	**1.1**	**25455**	**40**

STAL1119267_68	23.09.2022	13154	14:09:42	41.0	2854	7	-4.5	9.9	1.47	-1.23	9.65	0.000538	0.000004	0.281026	0.000027	-1.233869	0.091343	0.095910	0.281020	0.000027	0.000029	*a*	**0.281020**	**0.000027**	**0.000029**	**0.265637**	**0.000027**	**0.000029**	**-544.9**	**1.0**	**1.1**	**28303**	**37**
STAL1119267_69	23.09.2022	13154	14:11:07	41.2	1911	6	-1.0	10.1	1.47	-1.24	10.11	0.000175	0.000004	0.281573	0.000028	-1.701593	0.280891	0.294936	0.281566	0.000028	0.000029	*a*	**0.281566**	**0.000028**	**0.000029**	**0.271338**	**0.000028**	**0.000029**	**-363.2**	**1.0**	**1.1**	**20851**	**44**
STAL1119267_70	23.09.2022	13154	14:12:32	23.2	1922	8	-2.0	13.2	1.47	-1.22	12.65	0.000907	0.000041	0.281603	0.000030	-1.271528	0.070137	0.073644	0.281597	0.000030	0.000032	*a*	**0.281597**	**0.000030**	**0.000032**	**0.271306**	**0.000030**	**0.000032**	**-364.1**	**1.1**	**1.2**	**20891**	**48**
STAL1119267_71	23.09.2022	13154	15:22:49	41.0	2562	6	-0.5	11.3	1.47	-1.22	10.85	0.000844	0.000015	0.281090	0.000025	-1.288036	0.059672	0.062656	0.281082	0.000025	0.000026	*a*	**0.281082**	**0.000025**	**0.000026**	**0.267311**	**0.000025**	**0.000026**	**-491.8**	**0.9**	**1.0**	**26244**	**36**
STAL1119267_72	23.09.2022	13154	15:24:14	41.1	2508	6	0.7	11.5	1.47	-1.23	11.10	0.000791	0.000013	0.281129	0.000024	-1.282774	0.057923	0.060819	0.281120	0.000024	0.000025	*a*	**0.281120**	**0.000024**	**0.000025**	**0.267644**	**0.000024**	**0.000025**	**-481.2**	**0.9**	**0.9**	**25821**	**34**
STAL1119267_73	23.09.2022	13154	15:25:40	41.3	2603	7	-6.8	14.0	1.47	-1.24	13.81	0.000374	0.000005	0.281165	0.000020	-1.272735	0.114851	0.120594	0.281156	0.000020	0.000021	*a*	**0.281156**	**0.000020**	**0.000021**	**0.267157**	**0.000020**	**0.000022**	**-496.4**	**0.8**	**0.8**	**26430**	**29**
STAL1119267_74	23.09.2022	13154	15:27:05	41.1	2449	5	0.1	13.4	1.47	-1.23	13.15	0.000523	0.000007	0.281126	0.000021	-1.258102	0.088346	0.092763	0.281117	0.000021	0.000023	*a*	**0.281117**	**0.000021**	**0.000023**	**0.267965**	**0.000021**	**0.000023**	**-471.1**	**0.8**	**0.8**	**25413**	**31**
STAL1119267_75	23.09.2022	13154	15:28:30	41.2	2809	7	-0.6	12.4	1.47	-1.23	12.16	0.000520	0.000009	0.281027	0.000025	-1.206871	0.097934	0.102831	0.281018	0.000025	0.000026	*a*	**0.281018**	**0.000025**	**0.000026**	**0.265884**	**0.000025**	**0.000026**	**-537.1**	**0.9**	**1.0**	**28007**	**34**
STAL1119267_76	23.09.2022	13154	15:31:43	41.0	2691	5	-2.0	8.9	1.47	-1.23	8.40	0.001052	0.000006	0.281110	0.000030	-1.236755	0.055579	0.058358	0.281101	0.000030	0.000032	*a*	**0.281101**	**0.000030**	**0.000032**	**0.266619**	**0.000031**	**0.000032**	**-513.6**	**1.1**	**1.2**	**27103**	**43**
STAL1119267_77	23.09.2022	13154	15:33:09	41.1	2723	5	-0.6	10.2	1.47	-1.23	10.02	0.000492	0.000003	0.281083	0.000026	-1.198707	0.120184	0.126193	0.281074	0.000026	0.000027	*a*	**0.281074**	**0.000026**	**0.000027**	**0.266413**	**0.000026**	**0.000027**	**-520.2**	**1.0**	**1.0**	**27358**	**36**
STAL1119267_78	23.09.2022	13154	15:34:34	41.0	3157	5	-2.5	11.2	1.47	-1.23	10.61	0.001112	0.000003	0.280722	0.000025	-1.262455	0.044032	0.046233	0.280713	0.000025	0.000026	*a*	**0.280713**	**0.000025**	**0.000026**	**0.263672**	**0.000025**	**0.000026**	**-608.2**	**0.9**	**1.0**	**30634**	**32**
STAL1119267_79	23.09.2022	13154	15:35:59	41.1	1979	11	-4.2	12.5	1.47	-1.23	11.83	0.000989	0.000024	0.281583	0.000024	-1.273138	0.051172	0.053730	0.281574	0.000024	0.000026	*a*	**0.281574**	**0.000024**	**0.000026**	**0.270973**	**0.000024**	**0.000026**	**-374.6**	**0.9**	**0.9**	**21359**	**38**
STAL1119267_80	23.09.2022	13154	15:37:24	41.2	2741	5	-5.2	10.8	1.47	-1.23	10.55	0.000441	0.000010	0.280996	0.000023	-1.312403	0.111051	0.116603	0.280987	0.000023	0.000025	*a*	**0.280987**	**0.000023**	**0.000025**	**0.266233**	**0.000023**	**0.000025**	**-526.2**	**0.9**	**0.9**	**27586**	**33**
STAL1119267_81	23.09.2022	13154	15:40:37	41.0	1906	6	-0.1	14.3	1.47	-1.23	13.62	0.000996	0.000010	0.281613	0.000020	-1.271686	0.041988	0.044087	0.281603	0.000020	0.000021	*a*	**0.281603**	**0.000020**	**0.000021**	**0.271403**	**0.000020**	**0.000021**	**-361.0**	**0.7**	**0.8**	**20755**	**31**
STAL1119267_82	23.09.2022	13154	15:42:02	41.1	2900	5	-19.0	10.6	1.47	-1.22	10.12	0.001015	0.000079	0.280999	0.000028	-1.254838	0.085390	0.089660	0.280990	0.000028	0.000030	*a*	**0.280990**	**0.000028**	**0.000030**	**0.265356**	**0.000028**	**0.000030**	**-553.9**	**1.1**	**1.1**	**28642**	**38**
STAL1119267_83	23.09.2022	13154	15:43:28	41.1	2445	7	-0.1	11.4	1.47	-1.23	11.08	0.000580	0.000018	0.281162	0.000023	-1.261476	0.099502	0.104478	0.281153	0.000023	0.000024	*a*	**0.281153**	**0.000023**	**0.000024**	**0.268020**	**0.000023**	**0.000024**	**-469.2**	**0.9**	**0.9**	**25339**	**34**
STAL1119267_84	23.09.2022	13154	15:44:53	41.0	1919	8	-1.3	13.6	1.47	-1.23	13.05	0.000846	0.000002	0.281640	0.000021	-1.239756	0.050769	0.053307	0.281631	0.000021	0.000022	*a*	**0.281631**	**0.000021**	**0.000022**	**0.271359**	**0.000021**	**0.000022**	**-362.3**	**0.8**	**0.8**	**20814**	**34**
STAL1119267_85	23.09.2022	13154	15:46:18	41.0	2685	6	-2.1	13.8	1.47	-1.24	13.87	0.000022	0.000002	0.281022	0.000020	2.097639	3.795667	3.985450	0.281013	0.000020	0.000021	*a*	**0.281013**	**0.000020**	**0.000021**	**0.266567**	**0.000020**	**0.000021**	**-515.6**	**0.7**	**0.8**	**27175**	**27**
STAL1119267_86	23.09.2022	13154	15:49:31	41.0	2459	11	-1.0	9.2	1.47	-1.24	8.92	0.000607	0.000004	0.281076	0.000028	-1.275096	0.111195	0.116755	0.281066	0.000028	0.000029	*a*	**0.281066**	**0.000028**	**0.000029**	**0.267859**	**0.000028**	**0.000029**	**-474.7**	**1.0**	**1.1**	**25554**	**40**
STAL1119267_87	23.09.2022	13154	15:50:56	41.0	2727	6	-3.4	10.6	1.47	-1.23	10.39	0.000584	0.000007	0.281094	0.000027	-1.260956	0.112367	0.117986	0.281084	0.000027	0.000028	*a*	**0.281084**	**0.000027**	**0.000028**	**0.266404**	**0.000027**	**0.000028**	**-520.5**	**1.0**	**1.0**	**27368**	**37**
STAL1119267_88	23.09.2022	13154	15:52:21	41.1	2695	5	-1.9	9.1	1.47	-1.23	8.42	0.001208	0.000010	0.281107	0.000029	-1.281057	0.047303	0.049668	0.281097	0.000029	0.000031	*a*	**0.281097**	**0.000029**	**0.000031**	**0.266592**	**0.000029**	**0.000031**	**-514.5**	**1.1**	**1.2**	**27136**	**41**
STAL1119267_89	23.09.2022	13154	15:53:45	37.6	3715	57	-61.9	13.4	1.47	-1.22	8.25	0.008960	0.000360	0.281384	0.000050	-1.244430	0.009312	0.009777	0.281374	0.000050	0.000052	*a*	**0.281374**	**0.000050**	**0.000052**	**0.261166**	**0.000050**	**0.000052**	**-685.0**	**1.9**	**2.0**	**33346**	**62**
STAL1119267_90	23.09.2022	13154	15:55:12	41.0	1902	6	0.4	14.0	1.47	-1.23	13.35	0.000962	0.000003	0.281630	0.000022	-1.282576	0.046826	0.049168	0.281620	0.000022	0.000023	*a*	**0.281620**	**0.000022**	**0.000023**	**0.271438**	**0.000022**	**0.000023**	**-359.8**	**0.8**	**0.9**	**20703**	**35**
STAL1119267_91	26.09.2022	13156	14:28:56	38.3	2783	9	2.9	9.0	-1.16	-1.19	1.03	0.047528	0.000336	0.001362	0.000008	0.281119	0.000067	0.000070	0.281101	0.000030	0.000032	*a*	**0.281101**	**0.000030**	**0.000032**	**0.281029**	**0.000030**	**0.000032**	**1.3**	**1.1**	**1.1**	**3146**	**67**
~~STAL1119267_92~~	~~26.09.2022~~	~~13156~~	~~14:30:20~~	~~11.6~~	~~1897~~	~~6~~	~~1.0~~	~~10.5~~	~~-1.15~~	~~-1.14~~	~~0.99~~	~~0.170619~~	~~0.002454~~	~~0.004232~~	~~0.000142~~	~~0.281441~~	~~0.000140~~	~~0.000147~~	~~0.281229~~	~~0.000061~~	~~0.000064~~	~~*b*~~	~~**0.281441**~~	~~**0.000140**~~	~~**0.000147**~~	~~**0.281288**~~	~~**0.000140**~~	~~**0.000147**~~	~~**-10.1**~~	~~**5.0**~~	~~**5.2**~~	~~**3131**~~	~~**312**~~
STAL1119267_93	26.09.2022	13156	14:31:47	41.2	2466	8	0.2	8.1	-1.16	-1.13	0.99	0.035452	0.000469	0.000963	0.000011	0.281167	0.000065	0.000068	0.281117	0.000032	0.000034	*a*	**0.281117**	**0.000032**	**0.000034**	**0.281072**	**0.000032**	**0.000034**	**-4.6**	**1.1**	**1.2**	**3244**	**71**
STAL1119267_94	26.09.2022	13156	14:33:12	41.1	2424	5	-3.5	8.1	-1.15	-1.15	1.00	0.032111	0.000333	0.000915	0.000013	0.281133	0.000070	0.000073	0.281106	0.000033	0.000035	*a*	**0.281106**	**0.000033**	**0.000035**	**0.281064**	**0.000033**	**0.000035**	**-5.9**	**1.2**	**1.2**	**3285**	**73**
STAL1119267_95	26.09.2022	13156	14:34:38	41.0	1894	8	-2.0	13.2	-1.14	-1.14	1.00	0.054081	0.001559	0.001471	0.000043	0.281814	0.000046	0.000048	0.281752	0.000024	0.000025	*a*	**0.281752**	**0.000024**	**0.000025**	**0.281699**	**0.000024**	**0.000025**	**4.4**	**0.9**	**0.9**	**2258**	**55**
STAL1119267_96	26.09.2022	13156	14:37:50	41.0	2501	6	-0.9	10.2	-1.15	-1.18	1.03	0.022573	0.000079	0.000602	0.000003	0.281122	0.000056	0.000058	0.281109	0.000027	0.000029	*a*	**0.281109**	**0.000027**	**0.000029**	**0.281080**	**0.000027**	**0.000029**	**-3.5**	**1.0**	**1.0**	**3206**	**61**
STAL1119267_97	26.09.2022	13156	14:39:15	41.0	2691	4	0.6	6.4	-1.10	-1.16	1.06	0.070929	0.001187	0.002031	0.000044	0.281081	0.000089	0.000094	0.281102	0.000043	0.000045	*a*	**0.281102**	**0.000043**	**0.000045**	**0.280998**	**0.000043**	**0.000045**	**-2.0**	**1.5**	**1.6**	**3266**	**94**
STAL1119267_98	26.09.2022	13156	14:40:41	41.0	2804	29	-58.0	11.5	-1.14	-1.17	1.03	0.222317	0.004903	0.004984	0.000091	0.281186	0.000072	0.000076	0.281060	0.000037	0.000038	*b*	**0.281186**	**0.000072**	**0.000076**	**0.280918**	**0.000072**	**0.000076**	**-2.2**	**2.6**	**2.7**	**3365**	**158**

STAL1119267_99	26.09.2022	13156	14:42:06	41.1	2703	5	-0.9	8.2	-1.15	-1.17	1.02	0.043893	0.000203	0.001042	0.000005	0.281128	0.000067	0.000070	0.281105	0.000031	0.000033	*a*	**0.281105**	**0.000031**	**0.000033**	**0.281051**	**0.000031**	**0.000033**	**0.2**	**1.1**	**1.2**	**3147**	**69**
STAL1119267_100	26.09.2022	13156	14:43:31	41.0	2450	5	-3.5	8.8	-1.13	-1.17	1.03	0.051512	0.001715	0.001290	0.000039	0.281198	0.000061	0.000064	0.281178	0.000030	0.000032	*a*	**0.281178**	**0.000030**	**0.000032**	**0.281117**	**0.000030**	**0.000032**	**-3.4**	**1.1**	**1.1**	**3158**	**67**
STAL1119267_101	26.09.2022	13156	14:46:43	41.1	2453	5	0.7	11.0	-1.14	-1.15	1.01	0.044452	0.000576	0.001176	0.000004	0.281180	0.000053	0.000056	0.281141	0.000028	0.000030	*a*	**0.281141**	**0.000028**	**0.000030**	**0.281086**	**0.000028**	**0.000030**	**-4.4**	**1.0**	**1.1**	**3222**	**62**
STAL1119267_102	26.09.2022	13156	14:48:08	41.1	2821	16	-11.1	13.0	-1.14	-1.15	1.01	0.110876	0.003256	0.002516	0.000069	0.281144	0.000052	0.000054	0.281046	0.000026	0.000027	*b*	**0.281144**	**0.000052**	**0.000054**	**0.281008**	**0.000052**	**0.000054**	**1.4**	**1.8**	**1.9**	**3168**	**113**
STAL1119267_103	26.09.2022	13156	14:49:34	41.0	1898	8	0.1	10.8	-1.14	-1.18	1.04	0.020369	0.000232	0.000526	0.000008	0.281624	0.000050	0.000052	0.281618	0.000026	0.000027	*a*	**0.281618**	**0.000026**	**0.000027**	**0.281599**	**0.000026**	**0.000027**	**0.9**	**0.9**	**1.0**	**2471**	**58**
STAL1119267_104	26.09.2022	13156	14:50:59	41.0	2467	5	-1.0	12.8	-1.14	-1.16	1.02	0.018594	0.000362	0.000498	0.000006	0.281148	0.000043	0.000046	0.281138	0.000024	0.000025	*a*	**0.281138**	**0.000024**	**0.000025**	**0.281115**	**0.000024**	**0.000025**	**-3.1**	**0.8**	**0.9**	**3153**	**52**
STAL1119267_105	26.09.2022	13156	14:52:25	41.3	2689	5	-0.3	8.5	-1.14	-1.12	0.98	0.031577	0.001041	0.000763	0.000016	0.281143	0.000064	0.000067	0.281095	0.000030	0.000031	*a*	**0.281095**	**0.000030**	**0.000031**	**0.281056**	**0.000030**	**0.000031**	**0.0**	**1.1**	**1.1**	**3145**	**65**
STAL1119267_106	26.09.2022	13156	14:55:37	41.1	2693	5	-13.1	10.4	-1.14	-1.18	1.03	0.024955	0.000291	0.000691	0.000010	0.281088	0.000056	0.000059	0.281069	0.000027	0.000028	*a*	**0.281069**	**0.000027**	**0.000028**	**0.281033**	**0.000027**	**0.000028**	**-0.7**	**1.0**	**1.0**	**3191**	**59**
STAL1119267_107	26.09.2022	13156	14:57:03	41.0	1934	8	-1.6	8.2	-1.14	-1.19	1.04	0.021858	0.000065	0.000724	0.000004	0.281605	0.000066	0.000069	0.281593	0.000032	0.000034	*a*	**0.281593**	**0.000032**	**0.000034**	**0.281566**	**0.000032**	**0.000034**	**0.6**	**1.1**	**1.2**	**2517**	**72**
STAL1119267_108	26.09.2022	13156	14:58:28	41.3	1867	10	-0.9	9.4	-1.14	-1.05	0.91	0.012470	0.000182	0.000417	0.000008	0.281784	0.000055	0.000058	0.281751	0.000027	0.000028	*a*	**0.281751**	**0.000027**	**0.000028**	**0.281737**	**0.000027**	**0.000028**	**5.1**	**0.9**	**1.0**	**2193**	**60**
STAL1119267_109	26.09.2022	13156	14:59:53	41.1	1984	6	0.2	11.5	-1.14	-1.10	0.97	0.042016	0.000740	0.001144	0.000008	0.281656	0.000050	0.000052	0.281586	0.000023	0.000025	*a*	**0.281586**	**0.000023**	**0.000025**	**0.281543**	**0.000023**	**0.000025**	**0.9**	**0.8**	**0.9**	**2536**	**52**
STAL1119267_110	26.09.2022	13156	15:01:18	41.1	1893	25	3.1	10.3	-1.14	-1.12	1.00	0.012085	0.000229	0.000458	0.000012	0.281549	0.000049	0.000051	0.281542	0.000026	0.000028	*a*	**0.281542**	**0.000026**	**0.000028**	**0.281526**	**0.000026**	**0.000028**	**-1.8**	**0.9**	**1.0**	**2630**	**59**

STAM119269

STAM 119269_1	26.09.2022	13156	15:04:30	20.3	2503	5	-1.8	6.8	-1.08	-0.93	0.86	0.024164	0.000575	0.000810	0.000023	0.281356	0.000117	0.000123	0.281260	0.000058	0.000061	*a*	**0.281260**	**0.000058**	**0.000061**	**0.281221**	**0.000059**	**0.000061**	**1.5**	**2.1**	**2.2**	**2909**	**130**
~~STAM 119269_2~~	~~26.09.2022~~	~~13156~~	~~15:05:56~~	~~10.7~~	~~4063~~	~~220~~	~~-100.0~~	~~0.0~~	~~-78.67~~	~~33.70~~	~~-1.71~~	~~16138.716022~~	~~32859.028687~~	~~-3.826249~~	~~7.618862~~	~~0.154753~~	~~3.822213~~	~~4.013323~~	~~-14350.836939~~	~~29252.376600~~	~~30714.995430~~	~~*a*~~	~~**-14350.836939**~~	~~**29252.376600**~~	~~**30714.995430**~~	~~**-14350.535393**~~	~~**29252.376607**~~	~~**30714.995436**~~	~~**-512278495.9**~~	~~**-20384.2**~~	~~**-21403.4**~~	~~**711345**~~	~~**#NUM!**~~
~~STAM 119269_3~~	~~26.09.2022~~	~~13156~~	~~15:07:19~~	~~3.1~~	~~1488~~	~~12~~	~~-20.1~~	~~7.9~~	~~-1.10~~	~~-1.09~~	~~0.99~~	~~0.104792~~	~~0.003188~~	~~0.002722~~	~~0.000112~~	~~0.281867~~	~~0.000454~~	~~0.000476~~	~~0.281610~~	~~0.000218~~	~~0.000229~~	~~*b*~~	~~**0.281867**~~	~~**0.000454**~~	~~**0.000476**~~	~~**0.281791**~~	~~**0.000454**~~	~~**0.000476**~~	~~**-1.7**~~	~~**16.1**~~	~~**16.9**~~	~~**2308**~~	~~**1036**~~
STAM 119269_4	26.09.2022	13156	15:08:45	19.9	539	5	-10.1	7.6	-1.09	-1.08	0.99	0.041230	0.000805	0.001310	0.000016	0.282783	0.000118	0.000123	0.282732	0.000056	0.000059	*a*	**0.282732**	**0.000056**	**0.000059**	**0.282718**	**0.000056**	**0.000059**	**9.7**	**2.0**	**2.1**	**860**	**133**
~~STAM 119269_5~~	~~26.09.2022~~	~~13156~~	~~15:10:11~~	~~41.0~~	~~3809~~	~~236~~	~~-100.3~~	~~0.0~~	~~-98.32~~	~~27.52~~	~~-0.06~~	~~724.005164~~	~~2073.749375~~	~~0.498370~~	~~0.923479~~	~~15.123412~~	~~140.481692~~	~~147.505777~~	~~-653.193040~~	~~1882.808571~~	~~1976.948999~~	~~*a*~~	~~**-653.193040**~~	~~**1882.808571**~~	~~**1976.948999**~~	~~**-653.229776**~~	~~**1882.808572**~~	~~**1976.949001**~~	~~**-23313974.9**~~	~~**-28823.1**~~	~~**-30264.2**~~	~~**546028**~~	~~**#NUM!**~~
STAM 119269_6	26.09.2022	13156	15:13:21	24.2	2685	5	-1.4	9.0	-1.08	-1.16	1.07	0.050062	0.001410	0.001116	0.000011	0.281088	0.000085	0.000089	0.281097	0.000040	0.000042	*a*	**0.281097**	**0.000040**	**0.000042**	**0.281040**	**0.000040**	**0.000042**	**-0.6**	**1.4**	**1.5**	**3181**	**88**
STAM 119269_7	26.09.2022	13156	15:14:48	22.4	539	4	2.5	7.2	-1.07	-1.17	1.10	0.022326	0.000566	0.000733	0.000020	0.282472	0.000109	0.000115	0.282465	0.000056	0.000059	*a*	**0.282465**	**0.000056**	**0.000059**	**0.282458**	**0.000056**	**0.000059**	**0.4**	**2.0**	**2.1**	**1441**	**130**
STAM 119269_8	26.09.2022	13156	15:16:11	17.8	1915	8	3.3	12.8	-1.09	-1.09	0.99	0.036100	0.007714	0.000705	0.000138	0.281487	0.000068	0.000072	0.281471	0.000035	0.000036	*a*	**0.281471**	**0.000035**	**0.000036**	**0.281446**	**0.000035**	**0.000037**	**-4.1**	**1.2**	**1.3**	**2787**	**78**
STAM 119269_9	26.09.2022	13156	15:17:37	24.8	647	3	-6.5	7.1	-1.07	-1.14	1.07	0.034807	0.000683	0.001256	0.000016	0.282623	0.000111	0.000117	0.282627	0.000049	0.000052	*a*	**0.282627**	**0.000049**	**0.000052**	**0.282612**	**0.000049**	**0.000052**	**8.3**	**1.7**	**1.8**	**1031**	**115**
STAM 119269_10	26.09.2022	13156	15:19:03	29.0	2732	7	-2.0	9.7	-1.09	-1.10	1.01	0.022349	0.000292	0.000595	0.000005	0.280692	0.000068	0.000072	0.280668	0.000032	0.000034	*a*	**0.280668**	**0.000032**	**0.000034**	**0.280637**	**0.000032**	**0.000034**	**-13.9**	**1.2**	**1.2**	**3990**	**70**
~~STAM 119269_11~~	~~26.09.2022~~	~~13156~~	~~15:22:15~~	~~4.5~~	~~3586~~	~~714~~	~~-99.2~~	~~0.0~~	~~-1.05~~	~~19.53~~	~~3.85~~	~~0.038229~~	~~0.021450~~	~~0.000972~~	~~0.000725~~	~~0.232819~~	~~0.078269~~	~~0.082182~~	~~0.281653~~	~~0.026554~~	~~0.027881~~	~~*a*~~	~~**0.281653**~~	~~**0.026554**~~	~~**0.027881**~~	~~**0.281586**~~	~~**0.026554**~~	~~**0.027881**~~	~~**40.2**~~	~~**943.0**~~	~~**990.2**~~	~~**1502**~~	~~**#NUM!**~~
STAM 119269_12	26.09.2022	13156	15:23:39	27.4	1846	9	-0.3	8.0	-1.07	-1.06	1.02	0.033301	0.000899	0.000924	0.000025	0.281506	0.000094	0.000098	0.281477	0.000044	0.000046	*a*	**0.281477**	**0.000044**	**0.000046**	**0.281444**	**0.000044**	**0.000046**	**-5.8**	**1.5**	**1.6**	**2831**	**97**
STAM 119269_13	26.09.2022	13156	15:25:04	21.6	1243	9	-6.0	7.6	-1.05	-1.09	1.04	0.037601	0.001410	0.001183	0.000038	0.282193	0.000097	0.000102	0.282157	0.000046	0.000048	*a*	**0.282157**	**0.000046**	**0.000048**	**0.282129**	**0.000046**	**0.000048**	**4.7**	**1.6**	**1.7**	**1725**	**105**
STAM 119269_14	26.09.2022	13156	15:26:29	23.1	516	4	-14.3	6.4	-1.06	-1.11	1.07	0.032138	0.000402	0.001203	0.000015	0.282617	0.000126	0.000133	0.282639	0.000059	0.000062	*a*	**0.282639**	**0.000059**	**0.000062**	**0.282628**	**0.000059**	**0.000062**	**5.9**	**2.1**	**2.2**	**1078**	**137**
STAM 119269_15	26.09.2022	13156	15:27:54	29.4	545	3	-5.7	10.0	-1.11	-1.11	1.00	0.026108	0.000271	0.000887	0.000014	0.282497	0.000062	0.000066	0.282472	0.000031	0.000033	*a*	**0.282472**	**0.000031**	**0.000033**	**0.282463**	**0.000031**	**0.000033**	**0.8**	**1.1**	**1.2**	**1426**	**73**

STAM 119269_16	26.09.2022	13156	15:42:30	23.9	527	2	-14.2	5.6	-1.11	-1.06	0.95	0.050282	0.001388	0.001869	0.000053	0.282591	0.000136	0.000143	0.282515	0.000060	0.000063	*a*	0.282515	0.000060	0.000063	0.282496	0.000060	0.000063	1.5	2.1	2.2	1363	140
STAM 119269_17	26.09.2022	13156	15:43:56	41.1	1652	8	-6.0	10.3	-1.09	-1.12	1.04	0.036861	0.000939	0.001136	0.000020	0.281877	0.000055	0.000057	0.281853	0.000029	0.000030	*a*	0.281853	0.000029	0.000030	0.281818	0.000029	0.000030	3.0	1.0	1.1	2149	66
STAM 119269_18	26.09.2022	13156	15:45:20	25.5	2460	5	1.5	9.4	-1.07	-1.05	1.01	0.027914	0.000403	0.000909	0.000019	0.281190	0.000098	0.000102	0.281132	0.000045	0.000047	*a*	0.281132	0.000045	0.000047	0.281089	0.000045	0.000047	-4.2	1.6	1.7	3212	98
STAM 119269_19	26.09.2022	13156	15:46:46	26.4	558	3	-0.8	9.7	-1.08	-1.08	1.01	0.032630	0.000532	0.001143	0.000021	0.282524	0.000070	0.000073	0.282494	0.000033	0.000035	*a*	0.282494	0.000033	0.000035	0.282482	0.000033	0.000035	1.7	1.2	1.2	1376	78
STAM 119269_20	26.09.2022	13156	15:48:10	27.8	1319	7	-41.7	9.4	-1.07	-1.10	1.04	0.061565	0.001268	0.002009	0.000052	0.282095	0.000078	0.000082	0.282067	0.000037	0.000039	*a*	0.282067	0.000037	0.000039	0.282017	0.000037	0.000039	2.5	1.3	1.4	1921	85
~~STAM 119269_21~~	~~26.09.2022~~	~~13156~~	~~15:51:21~~	~~11.8~~	~~1202~~	~~10~~	~~-10.8~~	~~9.6~~	~~-1.10~~	~~-1.12~~	~~1.02~~	~~0.192403~~	~~0.004499~~	~~0.004762~~	~~0.000060~~	~~0.282123~~	~~0.000133~~	~~0.000139~~	~~0.281981~~	~~0.000063~~	~~0.000066~~	*b*	~~0.282123~~	~~0.000133~~	~~0.000139~~	~~0.282015~~	~~0.000133~~	~~0.000139~~	~~-0.3~~	~~4.7~~	~~4.9~~	~~1998~~	~~304~~
STAM 119269_22	26.09.2022	13156	15:52:47	26.6	1645	8	1.9	11.1	-1.06	-1.04	0.98	0.087933	0.001513	0.002890	0.000053	0.281919	0.000071	0.000074	0.281784	0.000037	0.000039	*b*	0.281919	0.000071	0.000074	0.281829	0.000071	0.000074	3.3	2.5	2.6	2129	160
STAM 119269_23	26.09.2022	13156	15:54:12	27.6	1042	8	-34.6	19.3	-1.08	-1.09	1.01	0.043365	0.000452	0.001237	0.000023	0.282264	0.000044	0.000046	0.282209	0.000025	0.000027	*a*	0.282209	0.000025	0.000027	0.282185	0.000025	0.000027	2.1	0.9	0.9	1727	59
STAM 119269_24	26.09.2022	13156	15:55:38	20.9	1727	7	-1.2	9.2	-1.08	-1.12	1.04	0.025585	0.000408	0.000849	0.000020	0.281620	0.000085	0.000090	0.281618	0.000039	0.000041	*a*	0.281618	0.000039	0.000041	0.281590	0.000039	0.000041	-3.3	1.4	1.4	2592	87
STAM 119269_25	26.09.2022	13156	15:57:03	26.5	1541	12	-68.0	10.1	-1.07	-1.08	1.01	0.324917	0.010560	0.007955	0.000248	0.281125	0.000126	0.000132	0.280826	0.000064	0.000067	*b*	0.281125	0.000126	0.000132	0.280893	0.000126	0.000132	-32.3	4.5	4.7	4175	275
STAM 119269_26	26.09.2022	13156	16:00:14	20.1	1632	21	-4.9	3.4	-1.06	-1.18	1.15	0.048385	0.000258	0.001745	0.000013	0.281847	0.000265	0.000278	0.281888	0.000113	0.000118	*a*	0.281888	0.000113	0.000118	0.281834	0.000113	0.000118	3.1	4.0	4.2	2126	256
STAM 119269_27	26.09.2022	13156	16:01:40	21.4	1365	7	2.1	13.8	-1.07	-1.10	1.04	0.067072	0.003594	0.002037	0.000109	0.282065	0.000063	0.000066	0.282042	0.000030	0.000032	*a*	0.282042	0.000030	0.000032	0.281989	0.000031	0.000032	2.5	1.1	1.1	1954	70
STAM 119269_28	26.09.2022	13156	16:03:05	32.0	1266	8	-0.9	9.5	-1.09	-1.09	1.00	0.046766	0.001018	0.001450	0.000029	0.282198	0.000070	0.000074	0.282143	0.000034	0.000036	*a*	0.282143	0.000034	0.000036	0.282108	0.000035	0.000036	4.5	1.2	1.3	1756	79
STAM 119269_29	26.09.2022	13156	16:04:30	29.3	1887	8	1.7	10.6	-1.08	-1.05	0.97	0.016633	0.000435	0.000467	0.000010	0.281408	0.000054	0.000057	0.281389	0.000029	0.000031	*a*	0.281389	0.000029	0.000031	0.281372	0.000029	0.000031	-7.4	1.0	1.1	2959	66
STAM 119269_30	26.09.2022	13156	16:05:55	23.6	1841	9	0.2	9.6	-1.07	-0.99	0.94	0.018282	0.000563	0.000560	0.000011	0.281437	0.000073	0.000077	0.281392	0.000034	0.000036	*a*	0.281392	0.000034	0.000036	0.281372	0.000034	0.000036	-8.4	1.2	1.3	2987	76
STAM 119269_31	26.09.2022	13156	16:09:07	27.7	2162	6	-4.8	5.4	-1.08	-1.07	0.96	0.030854	0.000267	0.000950	0.000011	0.281382	0.000136	0.000142	0.281309	0.000061	0.000064	*a*	0.281309	0.000061	0.000064	0.281270	0.000061	0.000064	-4.6	2.2	2.3	3009	135
STAM 119269_33	26.09.2022	13156	16:10:32	32.5	2209	6	-55.8	9.3	-1.07	-1.07	1.00	0.184263	0.003783	0.005345	0.000083	0.281228	0.000092	0.000096	0.281033	0.000045	0.000047	*b*	0.281228	0.000092	0.000096	0.281003	0.000092	0.000096	-13.1	3.3	3.4	3542	202
STAM 119269_34	26.09.2022	13156	16:11:57	26.5	2137	24	-64.7	17.2	-1.05	-1.07	1.02	0.465113	0.006179	0.010293	0.000149	0.281194	0.000097	0.000102	0.280939	0.000051	0.000054	*b*	0.281194	0.000097	0.000102	0.280775	0.000098	0.000102	-22.8	3.5	3.6	4059	213
STAM 119269_35	26.09.2022	13156	16:13:23	22.3	1162	18	-17.7	15.3	-1.05	-1.05	1.00	0.184771	0.002110	0.004648	0.000082	0.282159	0.000071	0.000075	0.281939	0.000039	0.000041	*b*	0.282159	0.000071	0.000075	0.282057	0.000071	0.000075	0.3	2.5	2.6	1931	163
STAM 119269_36	26.09.2022	13156	16:16:34	28.8	1328	17	-14.6	8.3	-1.05	-1.08	1.03	0.050758	0.000758	0.001790	0.000032	0.281981	0.000082	0.000086	0.281955	0.000041	0.000043	*a*	0.281955	0.000041	0.000043	0.281910	0.000041	0.000043	-1.1	1.5	1.5	2148	94
STAM 119269_37	26.09.2022	13156	16:17:59	21.1	1237	8	-1.7	12.1	-1.07	-1.06	0.98	0.020159	0.000379	0.000552	0.000008	0.282142	0.000064	0.000067	0.282114	0.000035	0.000036	*a*	0.282114	0.000035	0.000036	0.282101	0.000035	0.000036	3.6	1.2	1.3	1790	80
STAM 119269_38	26.09.2022	13156	16:19:25	26.6	1507	7	-0.8	11.4	-1.06	-1.09	1.04	0.058648	0.000675	0.002172	0.000027	0.281915	0.000065	0.000068	0.281856	0.000032	0.000033	*b*	0.281915	0.000065	0.000068	0.281853	0.000065	0.000068	1.0	2.3	2.4	2161	148
STAM 119269_39	26.09.2022	13156	16:20:50	24.1	1592	8	-9.1	14.0	-1.07	-1.09	1.02	0.061317	0.000952	0.002331	0.000046	0.281883	0.000058	0.000061	0.281838	0.000031	0.000032	*a*	0.281838	0.000031	0.000032	0.281768	0.000031	0.000032	-0.1	1.1	1.1	2293	70
~~STAM 119269_41~~	~~26.09.2022~~	~~13156~~	~~16:24:01~~	~~22.2~~	~~2643~~	~~12~~	~~-82.7~~	~~8.6~~	~~-1.07~~	~~-1.07~~	~~1.00~~	~~0.217654~~	~~0.012652~~	~~0.005348~~	~~0.000309~~	~~0.281160~~	~~0.000146~~	~~0.000154~~	~~0.280916~~	~~0.000069~~	~~0.000072~~	*b*	~~0.281160~~	~~0.000146~~	~~0.000154~~	~~0.280889~~	~~0.000147~~	~~0.000155~~	~~-7.0~~	~~5.2~~	~~5.5~~	~~3520~~	~~322~~
STAM 119269_42	26.09.2022	13156	16:25:27	33.1	585	2	-0.2	7.8	-1.04	-1.05	1.00	0.038148	0.001174	0.001310	0.000041	0.282459	0.000085	0.000090	0.282415	0.000042	0.000044	*a*	0.282415	0.000042	0.000044	0.282400	0.000042	0.000044	-0.5	1.5	1.6	1538	97
STAM 119269_44	26.09.2022	13156	16:26:52	34.0	1517	9	-2.7	8.4	-1.04	-1.04	0.98	0.038175	0.000482	0.001262	0.000021	0.281966	0.000079	0.000083	0.281928	0.000039	0.000041	*a*	0.281928	0.000039	0.000041	0.281892	0.000039	0.000041	2.6	1.4	1.5	2071	90
STAM 119269_45	26.09.2022	13156	16:28:17	24.4	1685	8	-24.1	10.1	-1.05	-1.04	0.99	0.138946	0.001825	0.003354	0.000068	0.281322	0.000098	0.000103	0.281169	0.000045	0.000048	*b*	0.281322	0.000098	0.000103	0.281215	0.000098	0.000103	-17.6	3.5	3.7	3413	218
STAM 119269_46	26.09.2022	13156	16:31:28	18.9	1229	11	0.3	9.9	-1.06	-1.10	1.04	0.033507	0.000781	0.000969	0.000039	0.282138	0.000078	0.000082	0.282117	0.000039	0.000041	*a*	0.282117	0.000039	0.000041	0.282094	0.000039	0.000041	3.2	1.4	1.5	1809	89
STAM 119269_47	26.09.2022	13156	16:32:53	21.2	1700	7	-12.8	15.5	-1.06	-1.08	1.01	0.064847	0.000731	0.001705	0.000040	0.281917	0.000051	0.000054	0.281851	0.000028	0.000029	*b*	0.281917	0.000051	0.000054	0.281862	0.000051	0.000054	5.7	1.8	1.9	2025	117

~~STAM 119269_48~~	~~26.09.2022~~	~~13156~~	~~16:34:18~~	~~10.9~~	~~3260~~	~~31~~	~~-40.1~~	~~0.1~~	~~-1.16~~	~~0.24~~	~~0.02~~	~~0.116757~~	~~0.010835~~	~~0.002406~~	~~0.000297~~	~~0.040935~~	~~0.256522~~	~~0.269348~~	~~0.277402~~	~~0.011299~~	~~0.011863~~	~~*b*~~	~~**0.040935**~~	~~**0.256522**~~	~~**0.269348**~~	~~**0.040784**~~	~~**0.256522**~~	~~**0.269348**~~	~~**-8546.9**~~	~~**62897.8**~~	~~**66042.6**~~	~~**128179**~~	~~**#NUM!**~~
STAM 119269_49	26.09.2022	13156	16:35:44	24.4	1512	7	4.9	13.0	-1.05	-1.06	1.00	0.104827	0.001449	0.002629	0.000030	0.281972	0.000068	0.000071	0.281868	0.000030	0.000032	*b*	**0.281972**	**0.000068**	**0.000071**	**0.281896**	**0.000068**	**0.000071**	**2.6**	**2.4**	**2.5**	**2065**	**154**
STAM 119269_51	27.09.2022	13158	11:38:16	22.0	2659	10	-30.5	12.0	-1.24	-1.26	1.02	0.095136	0.005755	0.002560	0.000133	0.281181	0.000071	0.000074	0.281126	0.000035	0.000037	*a*	**0.281126**	**0.000035**	**0.000037**	**0.280995**	**0.000035**	**0.000037**	**-2.8**	1.3	1.3	3290	78
STAM 119269_52	27.09.2022	13158	11:39:42	24.5	1956	11	-23.5	15.9	-1.23	-1.26	1.02	0.095340	0.003156	0.002580	0.000060	0.281631	0.000054	0.000057	0.281576	0.000027	0.000028	*a*	**0.281576**	**0.000027**	**0.000028**	**0.281480**	**0.000027**	**0.000028**	**-2.0**	1.0	1.0	2688	60
STAM 119269_54	27.09.2022	13158	11:41:08	32.9	1352	7	-2.9	18.2	-1.25	-1.30	1.03	0.095484	0.002111	0.002167	0.000022	0.282178	0.000044	0.000046	0.282171	0.000021	0.000022	*a*	**0.282171**	**0.000021**	**0.000022**	**0.282116**	**0.000021**	**0.000022**	**6.7**	**0.7**	**0.8**	**1686**	**48**

STAL119260

STAL119260-1	11.10.2022	13231	11:29:02	41.0	1982	3	-0.7	8.2	-1.35	-1.39	1.03	0.093853	0.000687	0.002503	0.000028	0.281715	0.000077	0.000081	0.281699353	3.51603E-05	0.000037	*a*	**0.281699**	**0.000035**	**0.000037**	**0.281605**	**0.000035**	**0.000037**	**3.1**	**1.2**	**1.3**	**2406**	**79**
STAL119260-2	11.10.2022	13231	11:30:27	41.2	1516	6	-0.5	13.0	-1.33	-1.38	1.04	0.037142	0.000544	0.000918	0.000014	0.281973	0.000044	0.000046	0.281966039	2.29519E-05	0.000024	*a*	**0.281966**	**0.000023**	**0.000024**	**0.281940**	**0.000023**	**0.000024**	**4.2**	**0.8**	**0.9**	**1969**	**52**
STAL119260-3	11.10.2022	13231	11:31:52	32.7	1919	6	-7.6	11.4	-1.35	-1.35	1.00	0.052853	0.001663	0.001247	0.000042	0.281630	0.000061	0.000064	0.281584416	3.00396E-05	0.000032	*a*	**0.281584**	**0.000030**	**0.000032**	**0.281539**	**0.000030**	**0.000032**	**-0.7**	**1.1**	**1.1**	**2585**	**67**
STAL119260-4	11.10.2022	13231	11:33:18	39.3	1532	6	-2.7	10.8	-1.36	-1.39	1.03	0.039204	0.000569	0.000965	0.000015	0.282009	0.000051	0.000054	0.281987702	2.49335E-05	0.000026	*a*	**0.281988**	**0.000025**	**0.000026**	**0.281960**	**0.000025**	**0.000026**	**5.3**	**0.9**	**0.9**	**1916**	**57**
STAL119260-5	11.10.2022	13231	11:34:43	16.9	2085	10	1.2	13.5	-1.34	-1.36	1.01	0.035600	0.001943	0.000929	0.000036	0.281559	0.000063	0.000067	0.281545167	3.27755E-05	0.000034	*a*	**0.281545**	**0.000033**	**0.000034**	**0.281508**	**0.000033**	**0.000034**	**2.0**	**1.2**	**1.2**	**2550**	**73**
STAL119260-6	11.10.2022	13231	11:36:08	33.2	1976	6	-2.4	11.7	-1.34	-1.37	1.02	0.047692	0.000756	0.001201	0.000022	0.281382	0.000057	0.000060	0.281367156	3.09767E-05	0.000033	*a*	**0.281367**	**0.000031**	**0.000033**	**0.281322**	**0.000031**	**0.000033**	**-7.1**	**1.1**	**1.2**	**3011**	**69**
STAL119260-7	11.10.2022	13231	11:37:33	38.7	2803	5	-18.4	12.1	-1.36	-1.40	1.03	0.040127	0.000773	0.000899	0.000010	0.281027	0.000047	0.000050	0.281018382	2.44186E-05	0.000026	*a*	**0.281018**	**0.000024**	**0.000026**	**0.280970**	**0.000024**	**0.000026**	**-0.3**	0.9	0.9	3257	54
STAL119260-8	11.10.2022	13231	11:38:59	34.9	2553	5	-0.4	12.9	-1.35	-1.35	0.97	0.011084	0.000148	0.000345	0.000004	0.281118	0.000048	0.000050	0.281112297	2.36649E-05	0.000025	*a*	**0.281112**	**0.000024**	**0.000025**	**0.281095**	**0.000024**	**0.000025**	**-1.8**	**0.8**	**0.9**	**3143**	**52**
STAL119260-9	11.10.2022	13231	11:40:24	41.0	2117	7	-14.8	10.7	-1.36	-1.37	1.01	0.088675	0.001571	0.001922	0.000039	0.281578	0.000061	0.000064	0.281522885	2.75508E-05	0.000029	*a*	**0.281523**	**0.000028**	**0.000029**	**0.281445**	**0.000028**	**0.000029**	**0.5**	1.0	1.0	2665	62
STAL119260-10	11.10.2022	13231	11:41:49	41.0	2788	9	1.3	9.7	-1.35	-1.41	1.06	0.024635	0.001168	0.000617	0.000025	0.281089	0.000058	0.000061	0.281088481	2.80388E-05	0.000029	*a*	**0.281088**	**0.000028**	**0.000029**	**0.281056**	**0.000028**	**0.000029**	**2.3**	**1.0**	**1.0**	**3088**	**62**
STAL119260-11	11.10.2022	13231	11:44:51	41.1	2640	8	-1.2	8.9	-1.36	-1.34	1.01	0.016353	0.000070	0.000575	0.000005	0.281201	0.000059	0.000062	0.281197541	2.98455E-05	0.000031	*a*	**0.281198**	**0.000030**	**0.000031**	**0.281168**	**0.000030**	**0.000031**	**2.9**	**1.1**	**1.1**	**2938**	**66**
STAL119260-12	11.10.2022	13231	11:46:15	21.5	2862	16	-28.4	7.9	-1.32	-1.33	1.02	0.053878	0.001440	0.001346	0.000033	0.280781	0.000093	0.000098	0.280746065	4.27116E-05	0.000045	*a*	**0.280746**	**0.000043**	**0.000045**	**0.280672**	**0.000043**	**0.000045**	**-9.6**	1.5	1.6	3840	93
STAL119260-13	11.10.2022	13231	11:47:41	28.7	2817	10	-51.3	10.3	-1.32	-1.30	0.99	0.036145	0.000554	0.001035	0.000010	0.281060	0.000072	0.000076	0.281033553	3.54747E-05	0.000037	*a*	**0.281034**	**0.000035**	**0.000037**	**0.280978**	**0.000035**	**0.000037**	**0.2**	1.3	1.3	3233	78
STAL119260-14	11.10.2022	13231	11:49:06	21.7	1285	6	-1.9	13.4	-1.34	-1.37	1.02	0.048189	0.000649	0.001522	0.000031	0.282207	0.000059	0.000062	0.28219272	2.86874E-05	0.000030	*a*	**0.282193**	**0.000029**	**0.000030**	**0.282156**	**0.000029**	**0.000030**	**6.6**	**1.0**	**1.1**	**1640**	**66**
STAL119260-15	11.10.2022	13231	11:50:32	28.7	2711	5	-0.5	11.1	-1.34	-1.39	1.04	0.042126	0.000283	0.001036	0.000005	0.281017	0.000056	0.000059	0.281011754	2.87529E-05	0.000030	*a*	**0.281012**	**0.000029**	**0.000030**	**0.280958**	**0.000029**	**0.000030**	**-2.9**	**1.0**	**1.1**	**3336**	**63**
~~STAL119260-16~~	~~11.10.2022~~	~~13231~~	~~11:51:56~~	~~12.0~~	~~2581~~	~~5~~	~~-37.5~~	~~15.5~~	~~-1.35~~	~~-1.37~~	~~1.02~~	~~0.178472~~	~~0.007558~~	~~0.003643~~	~~0.000097~~	~~0.281163~~	~~0.000089~~	~~0.000094~~	~~0.281076928~~	~~4.10349E-05~~	~~0.000043~~	~~*b*~~	~~**0.281163**~~	~~**0.000089**~~	~~**0.000094**~~	~~**0.280983**~~	~~**0.000089**~~	~~**0.000094**~~	~~**-5.1**~~	~~3.2~~	~~3.3~~	~~3361~~	~~196~~
STAL119260-17	11.10.2022	13231	11:53:22	19.6	1828	4	-0.9	19.8	-1.34	-1.36	1.01	0.088905	0.002450	0.002563	0.000021	0.281793	0.000049	0.000052	0.28173493	2.48418E-05	0.000026	*b*	**0.281793**	**0.000049**	**0.000052**	**0.281704**	**0.000049**	**0.000052**	**3.0**	**1.8**	**1.8**	**2286**	**111**
~~STAL119260-18~~	~~11.10.2022~~	~~13231~~	~~11:54:47~~	~~14.9~~	~~2110~~	~~6~~	~~-3.1~~	~~12.7~~	~~-1.34~~	~~-1.36~~	~~1.02~~	~~0.100918~~	~~0.003084~~	~~0.002495~~	~~0.000091~~	~~0.281390~~	~~0.000085~~	~~0.000089~~	~~0.281341511~~	~~4.05819E-05~~	~~0.000043~~	~~*a*~~	~~**0.281342**~~	~~**0.000041**~~	~~**0.000043**~~	~~**0.281241**~~	~~**0.000041**~~	~~**0.000043**~~	~~**-6.9**~~	~~**1.4**~~	~~**1.5**~~	~~**3101**~~	~~**90**~~
STAL119260-19	11.10.2022	13231	11:56:12	36.0	2739	3	-1.2	12.0	-1.36	-1.39	1.02	0.023871	0.000427	0.000618	0.000014	0.281043	0.000048	0.000050	0.281030815	2.41992E-05	0.000025	*a*	**0.281031**	**0.000024**	**0.000025**	**0.280998**	**0.000024**	**0.000025**	**-0.8**	**0.9**	**0.9**	**3236**	**53**
STAL119260-20	11.10.2022	13231	11:57:38	38.4	2733	5	-2.2	12.2	-1.35	-1.37	1.02	0.046925	0.000750	0.001075	0.000009	0.281043	0.000049	0.000051	0.281020212	2.55354E-05	0.000027	*a*	**0.281020**	**0.000026**	**0.000027**	**0.280964**	**0.000026**	**0.000027**	**-2.2**	**0.9**	**1.0**	**3311**	**56**
STAL119260-21	11.10.2022	13231	12:12:04	31.3	2712	7	1.0	12.5	-1.36	-1.43	1.05	0.019258	0.000642	0.000501	0.000012	0.281028	0.000049	0.000052	0.281039017	2.57463E-05	0.000027	*a*	**0.281039**	**0.000026**	**0.000027**	**0.281013**	**0.000026**	**0.000027**	**-1.0**	**0.9**	**1.0**	**3222**	**57**
STAL119260-22	11.10.2022	13231	12:13:29	35.6	2572	6	-1.5	13.2	-1.35	-1.36	1.00	0.015503	0.000305	0.000450	0.000011	0.281197	0.000044	0.000046	0.281199431	2.19051E-05	0.000023	*a*	**0.281199**	**0.000022**	**0.000023**	**0.281177**	**0.000022**	**0.000023**	**1.6**	**0.8**	**0.8**	**2960**	**48**

STAL119260-23	11.10.2022	13231	12:14:54	29.0	2747	7	0.7	12.7	-1.35	-1.32	0.98	0.013253	0.000151	0.000357	0.000006	0.281018	0.000050	0.000053	0.280997096	2.80554E-05	0.000029	*a*	**0.280997**	**0.000028**	**0.000029**	**0.280978**	**0.000028**	**0.000029**	**-1.4**	**1.0**	**1.0**	**3273**	**62**
STAL119260-24	11.10.2022	13231	12:16:20	33.8	2717	6	-0.4	10.4	-1.35	-1.41	1.04	0.018711	0.000333	0.000464	0.000005	0.281011	0.000057	0.000060	0.281020499	2.87393E-05	0.000030	*a*	**0.281020**	**0.000029**	**0.000030**	**0.280996**	**0.000029**	**0.000030**	**-1.4**	**1.0**	**1.1**	**3253**	**63**
STAL119260-25	11.10.2022	13231	12:17:45	41.0	2556	4	1.1	11.2	-1.35	-1.35	1.00	0.029030	0.000190	0.000896	0.000007	0.281111	0.000053	0.000056	0.281083757	2.85031E-05	0.000030	*a*	**0.281084**	**0.000029**	**0.000030**	**0.281040**	**0.000029**	**0.000030**	**-3.6**	**1.0**	**1.1**	**3257**	**63**
STAL119260-26	11.10.2022	13231	12:19:10	29.6	2731	5	0.7	12.2	-1.35	-1.37	1.02	0.019693	0.000481	0.000510	0.000007	0.281129	0.000051	0.000054	0.281116139	2.63501E-05	0.000028	*a*	**0.281116**	**0.000026**	**0.000028**	**0.281089**	**0.000026**	**0.000028**	**2.2**	**0.9**	**1.0**	**3050**	**58**
STAL119260-27	11.10.2022	13231	12:20:35	37.0	2840	5	1.0	9.4	-1.36	-1.36	1.01	0.026933	0.000683	0.000709	0.000012	0.281055	0.000058	0.000061	0.281039399	3.02621E-05	0.000032	*a*	**0.281039**	**0.000030**	**0.000032**	**0.281001**	**0.000030**	**0.000032**	**1.6**	**1.1**	**1.1**	**3172**	**66**
STAL119260-28	11.10.2022	13231	12:22:01	38.6	1905	6	-1.3	11.5	-1.36	-1.41	1.04	0.016849	0.000293	0.000416	0.000008	0.281443	0.000050	0.000053	0.281454303	2.58919E-05	0.000027	*a*	**0.281454**	**0.000026**	**0.000027**	**0.281439**	**0.000026**	**0.000027**	**-4.6**	**0.9**	**1.0**	**2806**	**58**
STAL119260-29	11.10.2022	13231	12:23:26	37.1	2821	3	-7.7	11.6	-1.34	-1.36	1.02	0.049574	0.000915	0.001094	0.000017	0.281082	0.000051	0.000054	0.281063726	2.60956E-05	0.000027	*a*	**0.281064**	**0.000026**	**0.000027**	**0.281005**	**0.000026**	**0.000027**	**1.3**	**0.9**	**1.0**	**3174**	**57**
STAL119260-30	11.10.2022	13231	12:24:51	26.4	2950	9	0.5	12.5	-1.33	-1.44	1.08	0.028094	0.000747	0.000647	0.000014	0.280909	0.000054	0.000057	0.280937661	2.91181E-05	0.000031	*a*	**0.280938**	**0.000029**	**0.000031**	**0.280901**	**0.000029**	**0.000031**	**0.7**	**1.0**	**1.1**	**3315**	**64**
STAL119260-31	11.10.2022	13231	12:27:53	27.1	2819	6	0.4	11.5	-1.35	-1.39	1.03	0.048742	0.001150	0.001226	0.000035	0.281069	0.000057	0.000059	0.281063424	2.87032E-05	0.000030	*a*	**0.281063**	**0.000029**	**0.000030**	**0.280997**	**0.000029**	**0.000030**	**1.0**	**1.0**	**1.1**	**3191**	**63**
STAL119260-32	11.10.2022	13231	12:29:18	27.9	1932	5	0.1	13.5	-1.35	-1.34	0.99	0.054908	0.005947	0.001033	0.000121	0.281672	0.000051	0.000053	0.281628932	2.63755E-05	0.000028	*a*	**0.281629**	**0.000026**	**0.000028**	**0.281591**	**0.000027**	**0.000028**	**1.4**	**0.9**	**1.0**	**2466**	**60**
STAL119260-33	11.10.2022	13231	12:30:43	23.5	1984	8	-0.2	11.9	-1.33	-1.33	1.00	0.036801	0.000474	0.000954	0.000006	0.281562	0.000063	0.000066	0.281537196	3.2886E-05	0.000035	*a*	**0.281537**	**0.000033**	**0.000035**	**0.281501**	**0.000033**	**0.000035**	**-0.6**	**1.2**	**1.2**	**2626**	**74**
STAL119260-34	11.10.2022	13231	12:32:08	24.0	2046	7	0.6	12.6	-1.33	-1.31	0.98	0.026964	0.001409	0.000624	0.000023	0.281262	0.000057	0.000060	0.281246662	2.84819E-05	0.000030	*a*	**0.281247**	**0.000028**	**0.000030**	**0.281222**	**0.000028**	**0.000030**	**-9.0**	**1.0**	**1.1**	**3180**	**63**
STAL119260-35	11.10.2022	13231	12:33:34	41.0	1973	11	-1.0	9.1	-1.35	-1.38	1.02	0.036248	0.000206	0.001097	0.000012	0.281751	0.000063	0.000066	0.28174448	3.01971E-05	0.000032	*a*	**0.281744**	**0.000030**	**0.000032**	**0.281703**	**0.000030**	**0.000032**	**6.4**	**1.1**	**1.1**	**2201**	**68**
STAL119260-36	11.10.2022	13231	12:34:59	33.3	1984	6	-0.2	10.6	-1.34	-1.40	1.04	0.035818	0.000544	0.001154	0.000012	0.281612	0.000057	0.000060	0.281622408	2.79993E-05	0.000029	*a*	**0.281622**	**0.000028**	**0.000029**	**0.281579**	**0.000028**	**0.000029**	**2.2**	**1.0**	**1.0**	**2460**	**63**
STAL119260-37	11.10.2022	13231	12:36:24	23.8	1927	7	0.1	12.4	-1.34	-1.42	1.06	0.026493	0.000611	0.000591	0.000009	0.281387	0.000057	0.000060	0.281388782	3.01661E-05	0.000032	*a*	**0.281389**	**0.000030**	**0.000032**	**0.281367**	**0.000030**	**0.000032**	**-6.6**	**1.1**	**1.1**	**2945**	**67**
STAL119260-38	11.10.2022	13231	12:37:50	29.5	2457	7	-0.4	11.7	-1.33	-1.37	1.03	0.021079	0.000345	0.000554	0.000004	0.281217	0.000053	0.000056	0.281217553	2.93271E-05	0.000031	*a*	**0.281218**	**0.000029**	**0.000031**	**0.281192**	**0.000029**	**0.000031**	**-0.6**	**1.0**	**1.1**	**2998**	**65**
~~STAL119260-39~~	~~11.10.2022~~	~~13231~~	~~12:39:14~~	~~6.9~~	~~2456~~	~~5~~	~~0.5~~	~~16.0~~	~~-1.34~~	~~-1.32~~	~~0.99~~	~~0.034248~~	~~0.000264~~	~~0.000812~~	~~0.000002~~	~~0.281141~~	~~0.000081~~	~~0.000085~~	~~0.281117397~~	~~4.51863E-05~~	~~0.000047~~	~~*a*~~	~~**0.281117**~~	~~**0.000045**~~	~~**0.000047**~~	~~**0.281079**~~	~~**0.000045**~~	~~**0.000047**~~	~~**-4.6**~~	~~**1.6**~~	~~**1.7**~~	~~**3234**~~	~~**99**~~
STAL119260-40	11.10.2022	13231	12:40:40	41.1	1931	9	-0.9	11.9	-1.35	-1.35	1.00	0.048962	0.000819	0.001229	0.000009	0.281623	0.000049	0.000051	0.281584148	2.55194E-05	0.000027	*a*	**0.281584**	**0.000026**	**0.000027**	**0.281539**	**0.000026**	**0.000027**	**-0.4**	**0.9**	**1.0**	**2577**	**57**
STAL119260-41	11.10.2022	13231	12:55:07	41.1	2733	5	-7.0	10.5	-1.35	-1.40	1.04	0.032168	0.000612	0.000819	0.000019	0.281079	0.000053	0.000055	0.281084529	2.53281E-05	0.000027	*a*	**0.281085**	**0.000025**	**0.000027**	**0.281042**	**0.000025**	**0.000027**	**0.5**	**0.9**	**0.9**	**3149**	**56**
STAL119260-42	11.10.2022	13231	12:56:33	41.0	2760	4	0.3	11.3	-1.35	-1.37	1.02	0.014990	0.000387	0.000376	0.000009	0.281092	0.000048	0.000050	0.281088242	2.47088E-05	0.000026	*a*	**0.281088**	**0.000025**	**0.000026**	**0.281068**	**0.000025**	**0.000026**	**2.1**	**0.9**	**0.9**	**3077**	**54**
STAL119260-43	11.10.2022	13231	12:57:58	41.2	2774	4	0.3	12.4	-1.32	-1.35	1.02	0.022126	0.000161	0.000624	0.000007	0.281015	0.000042	0.000044	0.281012878	2.32257E-05	0.000024	*a*	**0.281013**	**0.000023**	**0.000024**	**0.280980**	**0.000023**	**0.000024**	**-0.7**	**0.8**	**0.9**	**3255**	**51**
STAL119260-44	11.10.2022	13231	12:59:23	41.1	1989	6	0.3	11.1	-1.34	-1.35	1.01	0.042357	0.000294	0.001175	0.000007	0.281702	0.000049	0.000051	0.281686213	2.35614E-05	0.000025	*a*	**0.281686**	**0.000024**	**0.000025**	**0.281642**	**0.000024**	**0.000025**	**4.5**	**0.8**	**0.9**	**2323**	**53**
STAL119260-45	11.10.2022	13231	13:00:49	37.6	2552	7	0.4	12.6	-1.34	-1.38	1.03	0.017930	0.000127	0.000481	0.000008	0.281075	0.000045	0.000047	0.281090079	2.37138E-05	0.000025	*a*	**0.281090**	**0.000024**	**0.000025**	**0.281067**	**0.000024**	**0.000025**	**-2.8**	**0.8**	**0.9**	**3204**	**52**
STAL119260-46	11.10.2022	13231	13:02:14	24.7	2675	5	-3.3	10.7	-1.32	-1.34	1.01	0.087649	0.000789	0.001846	0.000011	0.281157	0.000070	0.000073	0.281111439	3.48586E-05	0.000037	*a*	**0.281111**	**0.000035**	**0.000037**	**0.281017**	**0.000035**	**0.000037**	**-1.7**	**1.2**	**1.3**	**3235**	**77**
STAL119260-47	11.10.2022	13231	13:03:39	35.9	2023	5	0.2	14.7	-1.34	-1.32	0.99	0.012973	0.000207	0.000359	0.000004	0.281536	0.000039	0.000041	0.281526723	2.12938E-05	0.000022	*a*	**0.281527**	**0.000021**	**0.000022**	**0.281513**	**0.000021**	**0.000022**	**0.8**	**0.8**	**0.8**	**2578**	**48**
~~STAL119260-48~~	~~11.10.2022~~	~~13231~~	~~13:05:04~~	~~13.4~~	~~2850~~	~~4~~	~~-10.3~~	~~14.5~~	~~-1.33~~	~~-1.35~~	~~1.01~~	~~0.047317~~	~~0.001358~~	~~0.001095~~	~~0.000010~~	~~0.281087~~	~~0.000060~~	~~0.000063~~	~~0.281066146~~	~~3.43131E-05~~	~~0.000036~~	~~*a*~~	~~**0.281066**~~	~~**0.000034**~~	~~**0.000036**~~	~~**0.281006**~~	~~**0.000034**~~	~~**0.000036**~~	~~**2.0**~~	~~**1.2**~~	~~**1.3**~~	~~**3154**~~	~~**75**~~
STAL119260-49	11.10.2022	13231	13:06:30	21.6	2710	5	-0.7	13.4	-1.32	-1.40	1.06	0.014888	0.000263	0.000393	0.000007	0.281050	0.000050	0.000053	0.281062887	2.71478E-05	0.000029	*a*	**0.281063**	**0.000027**	**0.000029**	**0.281043**	**0.000027**	**0.000029**	**0.0**	**1.0**	**1.0**	**3161**	**60**
STAL119260-50	11.10.2022	13231	13:07:55	41.0	1998	7	-4.8	10.8	-1.33	-1.35	1.02	0.068441	0.001417	0.001692	0.000034	0.281611	0.000055	0.000057	0.281590014	2.74493E-05	0.000029	*a*	**0.281590**	**0.000027**	**0.000029**	**0.281526**	**0.000027**	**0.000029**	**0.6**	**1.0**	**1.0**	**2565**	**62**
STAL119260-51	11.10.2022	13231	13:10:57	34.1	2706	5	0.8	9.8	-1.34	-1.35	1.01	0.028636	0.000327	0.000702	0.000003	0.281085	0.000060	0.000063	0.281080032	3.09522E-05	0.000032	*a*	**0.281080**	**0.000031**	**0.000032**	**0.281044**	**0.000031**	**0.000033**	**0.0**	**1.1**	**1.2**	**3161**	**68**
STAL119260-52	11.10.2022	13231	13:12:22	41.0	2433	10	1.3	10.1	-1.34	-1.44	1.07	0.022207	0.000314	0.000570	0.000003	0.281125	0.000053	0.000056	0.281147871	2.62562E-05	0.000028	*a*	**0.281148**	**0.000026**	**0.000028**	**0.281121**	**0.000026**	**0.000028**	**-3.6**	**0.9**	**1.0**	**3160**	**58**
STAL119260-53	11.10.2022	13231	13:13:46	16.0	1305	8	-0.6	11.8	-1.32	-1.36	1.02	0.041279	0.001796	0.000978	0.000025	0.281897	0.000073	0.000077	0.281899905	3.65409E-05	0.000038	*a*	**0.281900**	**0.000037**	**0.000038**	**0.281876**	**0.000037**	**0.000038**	**-2.9**	**1.3**	**1.4**	**2237**	**83**

STAL119260-54	11.10.2022	13231	13:15:13	35.0	2120	7	0.2	12.2	-1.34	-1.35	1.01	0.024873	0.001025	0.000603	0.000015	0.281232	0.000047	0.000049	0.28122387	2.60917E-05	0.000027	*a*	**0.281224**	**0.000026**	**0.000027**	**0.281200**	**0.000026**	**0.000027**	**-8.1**	**0.9**	**1.0**	**3183**	**58**
STAL119260-55	11.10.2022	13231	13:16:38	41.2	1517	11	0.0	10.4	-1.33	-1.36	1.02	0.017223	0.000234	0.000439	0.000007	0.281698	0.000053	0.000055	0.281701371	2.58209E-05	0.000027	*a*	**0.281701**	**0.000026**	**0.000027**	**0.281689**	**0.000026**	**0.000027**	**-4.7**	**0.9**	**1.0**	**2509**	**58**
STAL119260-56	11.10.2022	13231	13:18:03	21.7	2714	7	-5.4	15.7	-1.32	-1.32	1.00	0.059609	0.001627	0.001514	0.000048	0.281122	0.000052	0.000055	0.281068064	2.65028E-05	0.000028	*a*	**0.281068**	**0.000027**	**0.000028**	**0.280989**	**0.000027**	**0.000028**	**-1.8**	**0.9**	**1.0**	**3270**	**58**
STAL119260-57	11.10.2022	13231	13:19:29	30.0	1980	6	-3.6	11.9	-1.31	-1.36	1.03	0.088865	0.000765	0.002344	0.000022	0.281818	0.000064	0.000068	0.281815458	3.18335E-05	0.000033	*a*	**0.281815**	**0.000032**	**0.000033**	**0.281727**	**0.000032**	**0.000033**	**7.4**	**1.1**	**1.2**	**2145**	**72**
STAL119260-58	11.10.2022	13231	13:20:54	38.2	1903	7	-0.2	13.0	-1.32	-1.40	1.06	0.015014	0.000151	0.000410	0.000006	0.281541	0.000043	0.000045	0.281559803	2.36676E-05	0.000025	*a*	**0.281560**	**0.000024**	**0.000025**	**0.281545**	**0.000024**	**0.000025**	**-0.9**	**0.8**	**0.9**	**2582**	**53**
STAL119260-59	11.10.2022	13231	13:22:19	28.8	2554	18	-0.4	11.7	-1.31	-1.37	1.05	0.030247	0.000385	0.000810	0.000010	0.281121	0.000052	0.000055	0.281131915	2.86611E-05	0.000030	*a*	**0.281132**	**0.000029**	**0.000030**	**0.281092**	**0.000029**	**0.000030**	**-1.8**	**1.0**	**1.1**	**3149**	**63**
~~STAL119260-60~~	~~11.10.2022~~	~~13231~~	~~13:23:43~~	~~1.5~~	~~2309~~	~~4~~	~~-15.1~~	~~12.8~~	~~-1.30~~	~~-1.34~~	~~1.04~~	~~0.064763~~	~~0.002120~~	~~0.001190~~	~~0.000042~~	~~0.281209~~	~~0.000326~~	~~0.000342~~	~~0.281208668~~	~~0.00012192~~	~~0.000128~~	~~*a*~~	~~**0.281209**~~	~~**0.000122**~~	~~**0.000128**~~	~~**0.281156**~~	~~**0.000122**~~	~~**0.000128**~~	~~**-5.3**~~	~~**4.3**~~	~~**4.6**~~	~~**3161**~~	~~**270**~~
STAL119260-61	11.10.2022	13232	14:48:19	27.2	2392	10	0.7	14.2	-1.30	-1.31	1.01	0.019634	0.000270	0.000503	0.000004	0.281235	0.000049	0.000051	0.281219	0.000026	0.000027	*a*	**0.281219**	**0.000026**	**0.000027**	**0.281196**	**0.000026**	**0.000027**	**-1.9**	**0.9**	**1.0**	**3028**	**57**
STAL119260-62	11.10.2022	13232	14:49:45	32.9	2694	3	-24.9	11.2	-1.31	-1.33	1.02	0.070218	0.000915	0.001652	0.000012	0.281069	0.000058	0.000061	0.281019	0.000029	0.000031	*a*	**0.281019**	**0.000029**	**0.000031**	**0.280934**	**0.000029**	**0.000031**	-4.2	**1.0**	**1.1**	**3396**	**64**
STAL119260-63	11.10.2022	13232	14:51:10	33.5	1936	10	-0.2	12.5	-1.31	-1.29	0.98	0.009381	0.000325	0.000238	0.000009	0.281095	0.000049	0.000051	0.281089	0.000024	0.000025	*a*	**0.281089**	**0.000024**	**0.000025**	**0.281080**	**0.000024**	**0.000025**	**-16.6**	**0.8**	**0.9**	**3545**	**52**
STAL119260-64	11.10.2022	13232	14:52:36	28.0	1470	8	0.9	12.9	-1.32	-1.30	0.99	0.026687	0.000349	0.000693	0.000014	0.281937	0.000052	0.000055	0.281904	0.000027	0.000028	*a*	**0.281904**	**0.000027**	**0.000028**	**0.281885**	**0.000027**	**0.000028**	**1.2**	**1.0**	**1.0**	**2115**	**62**
STAL119260-65	11.10.2022	13232	14:54:01	30.1	2693	3	-3.4	11.1	-1.32	-1.31	1.00	0.026678	0.000120	0.000692	0.000003	0.281114	0.000060	0.000063	0.281093	0.000029	0.000031	*a*	**0.281093**	**0.000029**	**0.000031**	**0.281057**	**0.000029**	**0.000031**	**0.2**	**1.0**	**1.1**	**3139**	**64**
STAL119260-66	11.10.2022	13232	14:55:26	24.4	2734	3	-1.1	9.9	-1.31	-1.33	1.02	0.039072	0.000597	0.000942	0.000006	0.281102	0.000075	0.000078	0.281083	0.000034	0.000036	*a*	**0.281083**	**0.000034**	**0.000036**	**0.281034**	**0.000034**	**0.000036**	**0.3**	**1.2**	**1.3**	**3165**	**75**
STAL119260-67	11.10.2022	13232	14:56:51	33.1	2211	12	-4.7	13.3	-1.32	-1.37	1.04	0.021415	0.000111	0.000561	0.000005	0.281176	0.000043	0.000045	0.281173	0.000024	0.000025	*a*	**0.281173**	**0.000024**	**0.000025**	**0.281149**	**0.000024**	**0.000025**	**-7.8**	**0.8**	**0.9**	**3235**	**52**
STAL119260-68	11.10.2022	13232	14:58:16	29.2	2826	6	0.9	11.5	-1.31	-1.30	0.99	0.014653	0.000318	0.000367	0.000007	0.281072	0.000050	0.000053	0.281056	0.000029	0.000030	*a*	**0.281056**	**0.000029**	**0.000030**	**0.281036**	**0.000029**	**0.000030**	**2.5**	**1.0**	**1.1**	**3106**	**63**
STAL119260-69	11.10.2022	13232	14:59:41	16.7	2417	9	-2.3	12.7	-1.32	-1.36	1.03	0.050280	0.001848	0.001155	0.000051	0.281181	0.000066	0.000069	0.281162	0.000034	0.000036	*a*	**0.281162**	**0.000034**	**0.000036**	**0.281108**	**0.000034**	**0.000036**	**-4.5**	**1.2**	**1.3**	**3197**	**75**
STAL119260-70	11.10.2022	13232	15:01:07	21.9	2080	5	1.0	15.6	-1.32	-1.34	1.01	0.061646	0.001108	0.001612	0.000020	0.281433	0.000052	0.000055	0.281383	0.000026	0.000028	*a*	**0.281383**	**0.000026**	**0.000028**	**0.281319**	**0.000026**	**0.000028**	**-4.8**	**0.9**	**1.0**	**2955**	**58**
STAL119260-71	11.10.2022	13232	15:04:09	29.1	1383	17	-19.7	12.9	-1.31	-1.34	1.02	0.025653	0.000491	0.000637	0.000010	0.282176	0.000049	0.000051	0.282167	0.000026	0.000027	*a*	**0.282167**	**0.000026**	**0.000027**	**0.282150**	**0.000026**	**0.000027**	**8.7**	**0.9**	**1.0**	**1592**	**60**
STAL119260-72	11.10.2022	13232	15:05:34	39.7	2712	6	-0.1	10.9	-1.32	-1.36	1.04	0.027447	0.000250	0.000720	0.000009	0.281085	0.000050	0.000053	0.281083	0.000026	0.000027	*a*	**0.281083**	**0.000026**	**0.000027**	**0.281046**	**0.000026**	**0.000027**	**0.2**	**0.9**	**1.0**	**3152**	**56**
STAL119260-73	11.10.2022	13232	15:06:58	17.4	1970	6	-0.6	14.3	-1.31	-1.29	0.99	0.045490	0.001043	0.001031	0.000010	0.281666	0.000059	0.000062	0.281609	0.000030	0.000032	*a*	**0.281609**	**0.000030**	**0.000032**	**0.281570**	**0.000030**	**0.000032**	**1.6**	**1.1**	**1.1**	**2488**	**68**
STAL119260-74	11.10.2022	13232	15:08:25	30.1	1980	10	-27.1	12.1	-1.32	-1.35	1.02	0.033185	0.000821	0.000804	0.000020	0.280990	0.000055	0.000058	0.280977	0.000027	0.000029	*a*	**0.280977**	**0.000027**	**0.000029**	**0.280946**	**0.000027**	**0.000029**	-20.4	**1.0**	**1.0**	**3798**	**60**
STAL119260-75	11.10.2022	13232	15:09:50	34.8	2724	3	0.6	11.2	-1.31	-1.30	1.00	0.014947	0.000726	0.000345	0.000014	0.281042	0.000049	0.000052	0.281027	0.000026	0.000027	*a*	**0.281027**	**0.000026**	**0.000027**	**0.281009**	**0.000026**	**0.000027**	**-0.8**	**0.9**	**1.0**	**3223**	**57**
STAL119260-76	11.10.2022	13232	15:11:15	41.0	2809	3	-1.1	11.6	-1.32	-1.35	1.03	0.049464	0.000649	0.001364	0.000016	0.281140	0.000054	0.000057	0.281125	0.000026	0.000027	*a*	**0.281125**	**0.000026**	**0.000027**	**0.281051**	**0.000026**	**0.000027**	**2.7**	**0.9**	**1.0**	**3084**	**57**
STAL119260-77	11.10.2022	13232	15:12:39	24.3	2755	4	-0.4	13.6	-1.31	-1.29	0.99	0.022552	0.000223	0.000611	0.000013	0.281115	0.000052	0.000054	0.281083	0.000029	0.000030	*a*	**0.281083**	**0.000029**	**0.000030**	**0.281051**	**0.000029**	**0.000030**	**1.4**	**1.0**	**1.1**	**3116**	**63**
STAL119260-78	11.10.2022	13232	15:14:05	41.0	2811	9	0.1	10.9	-1.32	-1.34	1.02	0.046521	0.001011	0.001196	0.000021	0.281037	0.000054	0.000057	0.281023	0.000028	0.000029	*a*	**0.281023**	**0.000028**	**0.000029**	**0.280958**	**0.000028**	**0.000029**	**-0.6**	**1.0**	**1.0**	**3277**	**60**
~~STAL119260-79~~	~~11.10.2022~~	~~13232~~	~~15:15:30~~	~~14.5~~	~~2813~~	~~4~~	~~0.4~~	~~15.1~~	~~-1.31~~	~~-1.37~~	~~1.05~~	~~0.025218~~	~~0.000544~~	~~0.000629~~	~~0.000005~~	~~0.281031~~	~~0.000061~~	~~0.000064~~	~~0.281030~~	~~0.000031~~	~~0.000033~~	~~*a*~~	~~**0.281030**~~	~~**0.000031**~~	~~**0.000033**~~	~~**0.280996**~~	~~**0.000031**~~	~~**0.000033**~~	~~**0.8**~~	~~**1.1**~~	~~**1.2**~~	~~**3198**~~	~~**69**~~
STAL119260-80	11.10.2022	13232	15:16:56	24.3	2911	4	-0.1	14.8	-1.29	-1.31	1.02	0.058392	0.001007	0.001583	0.000036	0.281000	0.000054	0.000056	0.280974	0.000030	0.000031	*a*	**0.280974**	**0.000030**	**0.000031**	**0.280886**	**0.000030**	**0.000032**	**-0.8**	**1.1**	**1.1**	**3370**	**66**
STAL119260-81	11.10.2022	13232	15:19:57	17.1	2844	4	-2.0	10.5	-1.31	-1.36	1.04	0.075213	0.000711	0.002030	0.000039	0.281122	0.000086	0.000091	0.281120	0.000041	0.000043	*a*	**0.281120**	**0.000041**	**0.000043**	**0.281010**	**0.000041**	**0.000043**	**2.0**	**1.5**	**1.5**	**3150**	**90**
STAL119260-82	11.10.2022	13232	15:21:23	28.0	2832	5	-0.8	12.3	-1.30	-1.35	1.04	0.024263	0.000339	0.000801	0.000018	0.281018	0.000056	0.000059	0.281016	0.000028	0.000029	*a*	**0.281016**	**0.000028**	**0.000029**	**0.280973**	**0.000028**	**0.000029**	**0.4**	**1.0**	**1.0**	**3235**	**61**
STAL119260-83	11.10.2022	13232	15:22:48	26.0	2734	8	1.6	11.2	-1.30	-1.35	1.03	0.040869	0.001114	0.001135	0.000041	0.281090	0.000061	0.000064	0.281075	0.000030	0.000031	*a*	**0.281075**	**0.000030**	**0.000031**	**0.281016**	**0.000030**	**0.000031**	**-0.3**	**1.1**	**1.1**	**3203**	**66**

STAL119260-84	11.10.2022	13232	15:24:13	41.0	2354	6	1.2	11.8	-1.31	-1.37	1.05	0.024985	0.000352	0.000666	0.000011	0.281148	0.000050	0.000052	0.281153	0.000025	0.000027	*a*	0.281153	0.000025	0.000027	0.281123	0.000025	0.000027	-5.4	0.9	0.9	3203	56
STAL119260-85	11.10.2022	13232	15:25:38	18.0	2769	3	-8.3	15.3	-1.29	-1.36	1.05	0.019938	0.000401	0.000639	0.000005	0.281062	0.000052	0.000054	0.281068	0.000026	0.000027	*a*	0.281068	0.000026	0.000027	0.281034	0.000026	0.000027	1.1	0.9	1.0	3143	57
STAL119260-86	11.10.2022	13232	15:27:03	41.0	2859	3	-0.8	13.6	-1.31	-1.34	1.02	0.068170	0.001734	0.001584	0.000039	0.281095	0.000044	0.000047	0.281057	0.000024	0.000025	*a*	0.281057	0.000024	0.000025	0.280970	0.000024	0.000025	1.0	0.9	0.9	3224	53
STAL119260-87	11.10.2022	13232	15:28:29	17.8	2592	7	-19.3	12.5	-1.31	-1.33	1.01	0.039052	0.001387	0.000816	0.000020	0.281118	0.000064	0.000067	0.281092	0.000033	0.000035	*a*	0.281092	0.000033	0.000035	0.281051	0.000033	0.000035	-2.4	1.2	1.2	3212	73
~~STAL119260-88~~	~~11.10.2022~~	~~13232~~	~~15:29:53~~	~~13.8~~	~~1960~~	~~13~~	~~-13.6~~	~~16.6~~	~~-1.31~~	~~-1.33~~	~~1.01~~	~~0.145739~~	~~0.001893~~	~~0.002990~~	~~0.000030~~	~~0.281620~~	~~0.000074~~	~~0.000078~~	~~0.281514~~	~~0.000037~~	~~0.000039~~	~~*b*~~	~~0.281620~~	~~0.000074~~	~~0.000078~~	~~0.281508~~	~~0.000074~~	~~0.000078~~	~~-0.9~~	~~2.6~~	~~2.8~~	~~2625~~	~~166~~
STAL119260-89	11.10.2022	13232	15:31:19	28.2	1772	5	-0.5	11.7	-1.30	-1.34	1.03	0.053459	0.000598	0.001397	0.000016	0.281736	0.000057	0.000059	0.281717	0.000030	0.000032	*a*	0.281717	0.000030	0.000032	0.281670	0.000030	0.000032	0.6	1.1	1.1	2393	68
~~STAL119260-90~~	~~11.10.2022~~	~~13232~~	~~15:32:43~~	~~12.9~~	~~3032~~	~~4~~	~~-14.0~~	~~11.0~~	~~-1.31~~	~~-1.31~~	~~1.01~~	~~0.049549~~	~~0.001479~~	~~0.001227~~	~~0.000029~~	~~0.280905~~	~~0.000087~~	~~0.000091~~	~~0.280854~~	~~0.000042~~	~~0.000044~~	~~*a*~~	~~0.280854~~	~~0.000042~~	~~0.000044~~	~~0.280782~~	~~0.000042~~	~~0.000044~~	~~-1.6~~	~~1.5~~	~~1.6~~	~~3513~~	~~92~~
STAL119260-91	11.10.2022	13232	15:47:10	25.8	2078	5	0.8	11.8	-1.30	-1.30	1.00	0.052993	0.000679	0.001352	0.000019	0.281654	0.000064	0.000067	0.281605	0.000031	0.000033	*a*	0.281605	0.000031	0.000033	0.281552	0.000031	0.000033	3.4	1.1	1.2	2462	70
STAL119260-92	11.10.2022	13232	15:48:36	29.4	2704	4	-1.1	10.8	-1.31	-1.33	1.02	0.086557	0.000987	0.002033	0.000010	0.281179	0.000064	0.000067	0.281119	0.000033	0.000034	*b*	0.281179	0.000064	0.000067	0.281074	0.000064	0.000067	1.0	2.3	2.4	3098	141
STAL119260-93	11.10.2022	13232	15:50:00	17.2	1466	12	-0.4	10.5	-1.30	-1.29	1.00	0.039052	0.000974	0.001152	0.000010	0.281940	0.000083	0.000087	0.281902	0.000042	0.000044	*a*	0.281902	0.000042	0.000044	0.281870	0.000042	0.000044	0.6	1.5	1.6	2149	96
STAL119260-94	11.10.2022	13232	15:51:26	37.1	1934	9	2.3	6.7	-1.30	-1.26	0.97	0.017680	0.000179	0.000541	0.000007	0.281461	0.000083	0.000087	0.281444	0.000041	0.000043	*a*	0.281444	0.000041	0.000043	0.281424	0.000041	0.000043	-4.5	1.4	1.5	2820	90
~~STAL119260-95~~	~~11.10.2022~~	~~13232~~	~~15:52:50~~	~~13.9~~	~~1480~~	~~6~~	~~-42.3~~	~~16.4~~	~~-1.31~~	~~-1.35~~	~~1.03~~	~~0.168682~~	~~0.018054~~	~~0.003689~~	~~0.000369~~	~~0.281682~~	~~0.000084~~	~~0.000088~~	~~0.281583~~	~~0.000043~~	~~0.000045~~	~~*b*~~	~~0.281682~~	~~0.000084~~	~~0.000088~~	~~0.281579~~	~~0.000085~~	~~0.000089~~	~~-9.4~~	~~3.0~~	~~3.2~~	~~2767~~	~~190~~
STAL119260-96	11.10.2022	13232	15:54:16	24.0	1917	8	-0.2	8.7	-1.29	-1.26	0.97	0.042219	0.002728	0.000993	0.000050	0.281616	0.000081	0.000085	0.281546	0.000038	0.000040	*a*	0.281546	0.000038	0.000040	0.281510	0.000038	0.000040	-1.8	1.3	1.4	2648	85
STAL119260-97	11.10.2022	13232	15:55:41	25.5	2771	3	-1.8	12.5	-1.31	-1.34	1.03	0.049377	0.000725	0.001192	0.000008	0.281184	0.000055	0.000057	0.281166	0.000028	0.000029	*a*	0.281166	0.000028	0.000029	0.281103	0.000028	0.000029	3.6	1.0	1.0	2999	62
~~STAL119260-98~~	~~11.10.2022~~	~~13232~~	~~15:57:06~~	~~9.7~~	~~1924~~	~~6~~	~~-0.4~~	~~12.3~~	~~-1.30~~	~~-1.37~~	~~1.05~~	~~0.058998~~	~~0.009709~~	~~0.001285~~	~~0.000239~~	~~0.281629~~	~~0.000096~~	~~0.000100~~	~~0.281605~~	~~0.000044~~	~~0.000046~~	~~*a*~~	~~0.281605~~	~~0.000044~~	~~0.000046~~	~~0.281558~~	~~0.000045~~	~~0.000047~~	~~0.1~~	~~1.6~~	~~1.7~~	~~2542~~	~~100~~
STAL119260-99	11.10.2022	13232	15:58:32	18.2	2429	5	-2.7	13.5	-1.31	-1.31	1.01	0.023115	0.000217	0.000571	0.000001	0.281197	0.000059	0.000062	0.281177	0.000033	0.000035	*a*	0.281177	0.000033	0.000035	0.281150	0.000033	0.000035	-2.7	1.2	1.2	3102	73
STAL119260-100	11.10.2022	13232	15:59:58	29.3	2451	3	-1.9	13.9	-1.30	-1.33	1.03	0.052391	0.000643	0.001318	0.000020	0.281144	0.000052	0.000054	0.281129	0.000025	0.000026	*a*	0.281129	0.000025	0.000026	0.281068	0.000025	0.000026	-5.1	0.9	0.9	3262	55
STAL119260-101	11.10.2022	13232	16:02:59	38.0	1601	9	-0.7	7.0	-1.30	-1.29	0.99	0.021833	0.000382	0.000718	0.000016	0.281938	0.000087	0.000092	0.281944	0.000042	0.000044	*a*	0.281944	0.000042	0.000044	0.281922	0.000042	0.000044	5.6	1.5	1.6	1954	96
STAL119260-102	11.10.2022	13232	16:04:25	27.2	2565	5	-0.2	13.6	-1.31	-1.34	1.03	0.030872	0.000369	0.000785	0.000013	0.281064	0.000048	0.000051	0.281051	0.000024	0.000026	*a*	0.281051	0.000024	0.000026	0.281012	0.000024	0.000026	-4.4	0.9	0.9	3310	54
~~STAL119260-103~~	~~11.10.2022~~	~~13232~~	~~16:05:49~~	~~10.5~~	~~2601~~	~~12~~	~~-0.5~~	~~13.2~~	~~-1.30~~	~~-1.35~~	~~1.04~~	~~0.018774~~	~~0.000805~~	~~0.000349~~	~~0.000008~~	~~0.281043~~	~~0.000071~~	~~0.000074~~	~~0.281032~~	~~0.000041~~	~~0.000043~~	~~*a*~~	~~0.281032~~	~~0.000041~~	~~0.000043~~	~~0.281015~~	~~0.000041~~	~~0.000043~~	~~-3.5~~	~~1.5~~	~~1.5~~	~~3283~~	~~90~~
STAL119260-104	11.10.2022	13232	16:07:14	20.6	1972	4	-1.3	12.3	-1.29	-1.36	1.05	0.039092	0.000189	0.001058	0.000016	0.281555	0.000057	0.000060	0.281568	0.000032	0.000034	*a*	0.281568	0.000032	0.000034	0.281528	0.000032	0.000034	0.1	1.1	1.2	2576	72
STAL119260-105	11.10.2022	13232	16:08:40	41.0	1930	8	-3.7	13.3	-1.31	-1.50	1.13	0.003022	0.000177	0.000061	0.000003	0.281515	0.000039	0.000041	0.281537	0.000021	0.000022	*a*	0.281537	0.000021	0.000022	0.281534	0.000021	0.000022	-0.6	0.8	0.8	2588	48
~~STAL119260-106~~	~~11.10.2022~~	~~13232~~	~~16:10:04~~	~~2.4~~	~~1897~~	~~9~~	~~0.2~~	~~7.3~~	~~-1.30~~	~~-1.17~~	~~0.87~~	~~0.038618~~	~~0.001314~~	~~0.000826~~	~~0.000026~~	~~0.281490~~	~~0.000390~~	~~0.000409~~	~~0.281344~~	~~0.000250~~	~~0.000262~~	~~*a*~~	~~0.281344~~	~~0.000250~~	~~0.000262~~	~~0.281315~~	~~0.000250~~	~~0.000262~~	~~-9.2~~	~~8.9~~	~~9.3~~	~~3075~~	~~558~~
STAL119260-107	11.10.2022	13232	16:11:31	26.8	2690	5	-1.6	12.5	-1.31	-1.34	1.02	0.043624	0.000671	0.001152	0.000008	0.281058	0.000050	0.000053	0.281049	0.000027	0.000029	*a*	0.281049	0.000027	0.000029	0.280990	0.000027	0.000029	-2.3	1.0	1.0	3283	60
STAL119260-108	11.10.2022	13232	16:12:57	38.8	2774	5	0.6	10.2	-1.31	-1.38	1.05	0.015647	0.000238	0.000431	0.000006	0.281009	0.000057	0.000060	0.281020	0.000027	0.000028	*a*	0.281020	0.000027	0.000028	0.280997	0.000027	0.000028	-0.1	1.0	1.0	3218	59
STAL119260-109	11.10.2022	13232	16:14:22	39.8	2705	6	-17.4	13.8	-1.31	-1.27	0.98	0.021706	0.001085	0.000524	0.000032	0.281111	0.000042	0.000045	0.281086	0.000022	0.000023	*a*	0.281086	0.000022	0.000023	0.281059	0.000022	0.000023	0.5	0.8	0.8	3129	48
STAL119260-110	11.10.2022	13232	16:15:47	26.1	2709	4	0.2	13.1	-1.31	-1.33	1.02	0.045549	0.000912	0.001126	0.000011	0.281080	0.000055	0.000058	0.281056	0.000030	0.000032	*a*	0.281056	0.000030	0.000032	0.280998	0.000030	0.000032	-1.6	1.1	1.1	3254	66
STAL119260-111	11.10.2022	13232	16:18:48	18.8	2019	6	-0.4	14.3	-1.28	-1.32	1.02	0.037273	0.001452	0.000932	0.000044	0.281564	0.000059	0.000062	0.281563	0.000031	0.000032	*a*	0.281563	0.000031	0.000032	0.281527	0.000031	0.000032	1.2	1.1	1.1	2550	69
STAL119260-112	11.10.2022	13232	16:20:14	22.1	2444	8	-1.4	11.7	-1.30	-1.33	1.03	0.018753	0.000252	0.000512	0.000005	0.281127	0.000059	0.000062	0.281125	0.000030	0.000032	*a*	0.281125	0.000030	0.000032	0.281101	0.000030	0.000032	-4.1	1.1	1.1	3196	67
STAL119260-113	11.10.2022	13232	16:21:40	28.1	2779	7	-25.2	11.9	-1.30	-1.35	1.04	0.040539	0.000806	0.000969	0.000014	0.281012	0.000058	0.000061	0.281014	0.000029	0.000030	*a*	0.281014	0.000029	0.000030	0.280962	0.000029	0.000030	-1.2	1.0	1.1	3288	64

STAL119260-114	11.10.2022	13232	16:23:05	39.4	2806	10	-1.6	10.8	-1.28	-1.33	1.04	0.043307	0.000471	0.001312	0.000007	0.281133	0.000054	0.000057	0.281138	0.000028	0.000030	*a*	**0.281138**	**0.000028**	**0.000030**	**0.281067**	**0.000028**	**0.000030**	**3.2**	**1.0**	**1.1**	**3053**	**62**
STAL119260-115	11.10.2022	13232	16:24:30	23.7	2997	3	-7.8	13.0	-1.31	-1.32	1.01	0.016927	0.000180	0.000458	0.000004	0.280945	0.000056	0.000059	0.280933	0.000032	0.000033	*a*	**0.280933**	**0.000032**	**0.000033**	**0.280907**	**0.000032**	**0.000033**	**2.0**	**1.1**	**1.2**	**3275**	**69**
STAL119260-116	11.10.2022	13232	16:25:56	41.0	2761	4	-0.2	12.8	-1.32	-1.19	0.90	0.006993	0.000090	0.000203	0.000002	0.281115	0.000042	0.000044	0.281103	0.000023	0.000024	*a*	**0.281103**	**0.000023**	**0.000024**	**0.281093**	**0.000023**	**0.000024**	**3.0**	**0.8**	**0.8**	**3025**	**50**
STAL119260-117	11.10.2022	13232	16:27:21	17.4	2445	9	-2.0	11.9	-1.30	-1.37	1.05	0.026543	0.000478	0.000658	0.000004	0.281116	0.000071	0.000074	0.281123	0.000038	0.000040	*a*	**0.281123**	**0.000038**	**0.000040**	**0.281092**	**0.000038**	**0.000040**	**-4.4**	**1.4**	**1.4**	**3215**	**84**
STAL119260-118	11.10.2022	13232	16:28:46	25.4	2707	4	-5.6	10.0	-1.29	-1.33	1.03	0.063895	0.000570	0.001679	0.000015	0.281044	0.000078	0.000082	0.281028	0.000036	0.000038	*a*	**0.281028**	**0.000036**	**0.000038**	**0.280941**	**0.000036**	**0.000038**	**-3.6**	**1.3**	**1.3**	**3374**	**78**
STAL119260-119	11.10.2022	13232	16:30:11	41.1	2425	10	1.9	10.2	-1.28	-1.29	1.01	0.022545	0.000199	0.000669	0.000003	0.281170	0.000054	0.000057	0.281160	0.000028	0.000029	*a*	**0.281160**	**0.000028**	**0.000029**	**0.281129**	**0.000028**	**0.000029**	**-3.6**	**1.0**	**1.0**	**3149**	**62**
STAL119260-120	11.10.2022	13232	16:31:36	19.1	2736	6	-0.1	11.4	-1.29	-1.33	1.03	0.028806	0.000273	0.000774	0.000013	0.280915	0.000070	0.000074	0.280913	0.000038	0.000040	*a*	**0.280913**	**0.000038**	**0.000040**	**0.280872**	**0.000038**	**0.000040**	**-5.4**	**1.4**	**1.4**	**3500**	**83**

STAI119257

STAI119257-1	11.10.2022	13232	16:46:01	16.9	1240	7	-2.3	15.3	-1.29	-1.29	1.00	0.036603	0.000253	0.000896	0.000006	0.282185	0.000060	0.000063	0.282152	0.000030	0.000032	*a*	**0.282152**	**0.000030**	**0.000032**	**0.282131**	**0.000030**	**0.000032**	**4.7**	**1.1**	**1.1**	**1723**	**69**
STAI119257-2	11.10.2022	13232	16:47:26	15.5	1614	9	-2.3	9.5	-1.28	-1.33	1.03	0.050392	0.000260	0.001649	0.000024	0.281810	0.000091	0.000096	0.281814	0.000044	0.000046	*a*	**0.281814**	**0.000044**	**0.000046**	**0.281764**	**0.000044**	**0.000046**	**0.2**	**1.6**	**1.6**	**2289**	**100**
~~STAI119257-3~~	~~11.10.2022~~	~~13232~~	~~16:48:51~~	~~14.2~~	~~1549~~	~~10~~	~~-1.1~~	~~12.6~~	~~-1.30~~	~~-1.31~~	~~1.01~~	~~0.038936~~	~~0.000785~~	~~0.001067~~	~~0.000010~~	~~0.281896~~	~~0.000072~~	~~0.000075~~	~~0.281870~~	~~0.000038~~	~~0.000040~~	~~*a*~~	~~**0.281870**~~	~~**0.000038**~~	~~**0.000040**~~	~~**0.281838**~~	~~**0.000038**~~	~~**0.000040**~~	~~**1.4**~~	~~**1.3**~~	~~**1.4**~~	~~**2168**~~	~~**85**~~
STAI119257-4	11.10.2022	13232	16:50:16	24.3	1882	8	-1.2	13.4	-1.29	-1.31	1.01	0.050883	0.000607	0.001412	0.000038	0.281558	0.000057	0.000060	0.281528	0.000029	0.000030	*a*	**0.281528**	**0.000029**	**0.000030**	**0.281478**	**0.000029**	**0.000030**	**-3.7**	**1.0**	**1.1**	**2737**	**64**
~~STAI119257-5~~	~~11.10.2022~~	~~13232~~	~~16:51:41~~	~~6.6~~	~~574~~	~~2~~	~~-20.6~~	~~9.1~~	~~-1.31~~	~~-1.34~~	~~1.02~~	~~0.083690~~	~~0.001911~~	~~0.002544~~	~~0.000043~~	~~0.282211~~	~~0.000161~~	~~0.000169~~	~~0.282177~~	~~0.000074~~	~~0.000078~~	~~*a*~~	~~**0.282177**~~	~~**0.000074**~~	~~**0.000078**~~	~~**0.282150**~~	~~**0.000074**~~	~~**0.000078**~~	~~**-9.7**~~	~~**2.6**~~	~~**2.8**~~	~~**2097**~~	~~**171**~~
STAI119257-6	11.10.2022	13232	16:53:06	22.5	1770	9	-41.5	10.6	-1.30	-1.29	0.99	0.130377	0.003093	0.003360	0.000049	0.282211	0.000090	0.000094	0.282066	0.000040	0.000042	*b*	**0.282211**	**0.000090**	**0.000094**	**0.282098**	**0.000090**	**0.000094**	**15.7**	**3.2**	**3.3**	**1470**	**206**
~~STAI119257-7~~	~~11.10.2022~~	~~13232~~	~~16:54:31~~	~~2.4~~	~~2677~~	~~11~~	~~-35.9~~	~~3.5~~	~~-1.35~~	~~-1.35~~	~~1.00~~	~~0.089417~~	~~0.001727~~	~~0.002176~~	~~0.000015~~	~~0.281250~~	~~0.000522~~	~~0.000548~~	~~0.281187~~	~~0.000240~~	~~0.000252~~	~~*b*~~	~~**0.281250**~~	~~**0.000522**~~	~~**0.000548**~~	~~**0.281139**~~	~~**0.000522**~~	~~**0.000548**~~	~~**2.7**~~	~~**18.6**~~	~~**19.5**~~	~~**2979**~~	~~**1163**~~
~~STAI119257-8~~	~~11.10.2022~~	~~13232~~	~~16:55:56~~	~~1.1~~	~~1187~~	~~12~~	~~-0.7~~	~~1.9~~	~~-1.44~~	~~-1.42~~	~~0.99~~	~~0.148585~~	~~0.005356~~	~~0.002783~~	~~0.000128~~	~~0.281483~~	~~0.001033~~	~~0.001085~~	~~0.281331~~	~~0.000761~~	~~0.000800~~	~~*b*~~	~~**0.281483**~~	~~**0.001033**~~	~~**0.001085**~~	~~**0.281421**~~	~~**0.001033**~~	~~**0.001085**~~	~~**-21.7**~~	~~**36.7**~~	~~**38.6**~~	~~**3285**~~	~~**2354**~~
STAI119257-9	11.10.2022	13232	16:57:22	17.2	2113	8	3.6	16.2	-1.29	-1.30	1.01	0.022732	0.000421	0.000919	0.000035	0.281513	0.000050	0.000053	0.281496	0.000027	0.000029	*a*	**0.281496**	**0.000027**	**0.000029**	**0.281459**	**0.000027**	**0.000029**	**0.9**	**1.0**	**1.0**	**2638**	**61**
~~STAI119257-10~~	~~11.10.2022~~	~~13232~~	~~16:58:47~~	~~9.6~~	~~1749~~	~~9~~	~~-39.0~~	~~8.6~~	~~-1.29~~	~~-1.31~~	~~1.02~~	~~0.079576~~	~~0.000852~~	~~0.002587~~	~~0.000015~~	~~0.281864~~	~~0.000129~~	~~0.000136~~	~~0.281816~~	~~0.000072~~	~~0.000075~~	~~*a*~~	~~**0.281816**~~	~~**0.000072**~~	~~**0.000075**~~	~~**0.281730**~~	~~**0.000072**~~	~~**0.000075**~~	~~**2.1**~~	~~**2.5**~~	~~**2.7**~~	~~**2279**~~	~~**162**~~
~~STAI119257-11~~	~~11.10.2022~~	~~13232~~	~~17:01:46~~	~~2.4~~	~~1811~~	~~7~~	~~-5.9~~	~~8.9~~	~~-1.33~~	~~-1.32~~	~~1.00~~	~~0.035538~~	~~0.001296~~	~~0.000989~~	~~0.000031~~	~~0.281783~~	~~0.000295~~	~~0.000310~~	~~0.281756~~	~~0.000148~~	~~0.000155~~	~~*a*~~	~~**0.281756**~~	~~**0.000148**~~	~~**0.000155**~~	~~**0.281722**~~	~~**0.000148**~~	~~**0.000155**~~	~~**3.3**~~	~~**5.3**~~	~~**5.5**~~	~~**2259**~~	~~**335**~~
~~STAI119257-12~~	~~11.10.2022~~	~~13232~~	~~17:03:11~~	~~14.7~~	~~1892~~	~~5~~	~~-0.8~~	~~9.3~~	~~-1.28~~	~~-1.27~~	~~0.99~~	~~0.055629~~	~~0.000702~~	~~0.001809~~	~~0.000037~~	~~0.281553~~	~~0.000114~~	~~0.000120~~	~~0.281492~~	~~0.000054~~	~~0.000056~~	~~*b*~~	~~**0.281553**~~	~~**0.000114**~~	~~**0.000120**~~	~~**0.281488**~~	~~**0.000114**~~	~~**0.000120**~~	~~**-3.2**~~	~~**4.1**~~	~~**4.3**~~	~~**2710**~~	~~**256**~~
STAI119257-14	11.10.2022	13232	17:04:37	18.0	1971	7	-54.3	10.9	-1.28	-1.30	1.01	0.212375	0.002316	0.005612	0.000037	0.281974	0.000103	0.000109	0.281816	0.000054	0.000057	*b*	**0.281974**	**0.000103**	**0.000109**	**0.281763**	**0.000103**	**0.000109**	**8.4**	**3.7**	**3.9**	**2073**	**234**
STAI119257-15	11.10.2022	13232	17:06:02	30.3	1508	6	-2.1	12.0	-1.25	-1.28	1.02	0.073202	0.001149	0.002104	0.000016	0.282019	0.000060	0.000063	0.281983	0.000029	0.000031	*a*	**0.281983**	**0.000029**	**0.000031**	**0.281923**	**0.000029**	**0.000031**	**3.5**	**1.0**	**1.1**	**2009**	**67**
~~STAI119257-16~~	~~11.10.2022~~	~~13232~~	~~17:07:28~~	~~2.0~~	~~1470~~	~~11~~	~~-29.7~~	~~14.3~~	~~-1.30~~	~~-1.31~~	~~1.01~~	~~0.090488~~	~~0.003738~~	~~0.002730~~	~~0.000067~~	~~0.282025~~	~~0.000223~~	~~0.000234~~	~~0.281960~~	~~0.000107~~	~~0.000113~~	~~*b*~~	~~**0.282025**~~	~~**0.000223**~~	~~**0.000234**~~	~~**0.281949**~~	~~**0.000223**~~	~~**0.000234**~~	~~**3.5**~~	~~**7.9**~~	~~**8.3**~~	~~**1977**~~	~~**510**~~
STAI119257-17	11.10.2022	13232	17:08:54	25.9	1537	7	-9.0	8.0	-1.28	-1.28	1.00	0.047141	0.001184	0.001389	0.000031	0.282021	0.000093	0.000097	0.281979	0.000043	0.000045	*a*	**0.281979**	**0.000043**	**0.000045**	**0.281938**	**0.000043**	**0.000045**	**4.7**	**1.5**	**1.6**	**1959**	**98**
~~STAI119257-18~~	~~11.10.2022~~	~~13232~~	~~17:10:18~~	~~1.7~~	~~1823~~	~~7~~	~~-12.6~~	~~8.0~~	~~-1.32~~	~~-1.38~~	~~1.06~~	~~0.068568~~	~~0.002251~~	~~0.001638~~	~~0.000045~~	~~0.281791~~	~~0.000365~~	~~0.000383~~	~~0.281802~~	~~0.000209~~	~~0.000219~~	~~*a*~~	~~**0.281802**~~	~~**0.000209**~~	~~**0.000219**~~	~~**0.281745**~~	~~**0.000209**~~	~~**0.000219**~~	~~**4.4**~~	~~**7.4**~~	~~**7.8**~~	~~**2201**~~	~~**474**~~
STAI119257-19	11.10.2022	13232	17:11:44	27.0	1612	4	-0.4	12.1	-1.31	-1.24	0.95	0.021318	0.000262	0.000645	0.000005	0.281899	0.000062	0.000065	0.281873	0.000030	0.000031	*a*	**0.281873**	**0.000030**	**0.000031**	**0.281853**	**0.000030**	**0.000031**	**3.4**	**1.1**	**1.1**	**2097**	**67**
STAI119257-20	11.10.2022	13232	17:13:09	21.0	1470	10	1.5	14.6	-1.28	-1.29	1.00	0.142645	0.009030	0.003222	0.000114	0.281830	0.000074	0.000078	0.281705	0.000037	0.000039	*b*	**0.281830**	**0.000074**	**0.000078**	**0.281740**	**0.000074**	**0.000078**	**-3.9**	**2.6**	**2.8**	**2427**	**168**
STAI119257-21	11.10.2022	13232	17:16:08	20.3	1115	15	-1.2	12.7	-1.31	-1.34	1.03	0.028440	0.000450	0.000845	0.000016	0.282078	0.000060	0.000063	0.282082	0.000035	0.000036	*a*	**0.282082**	**0.000035**	**0.000036**	**0.282065**	**0.000035**	**0.000036**	**-0.5**	**1.2**	**1.3**	**1944**	**79**

STAI119257-22	11.10.2022	13232	17:17:33	20.7	1464	45	-13.0	14.2	-1.28	-1.30	1.01	0.093201	0.002028	0.002543	0.000028	0.282132	0.000061	0.000064	0.282074	0.000029	0.000030	*b*	**0.282132**	**0.000061**	**0.000064**	**0.282062**	**0.000061**	**0.000064**	**7.4**	**2.2**	**2.3**	**1735**	**141**
STAI119257-23	11.10.2022	13232	17:18:58	15.9	1360	7	-3.5	9.9	-1.30	-1.34	1.03	0.097973	0.000923	0.002623	0.000028	0.282172	0.000100	0.000105	0.282154	0.000045	0.000047	*a*	**0.282154**	**0.000045**	**0.000047**	**0.282087**	**0.000045**	**0.000047**	**5.9**	**1.6**	**1.7**	**1744**	**103**
~~STAI119257-24~~	~~11.10.2022~~	~~13232~~	~~17:20:24~~	~~13.5~~	~~1233~~	~~7~~	~~-3.7~~	~~10.6~~	~~-1.28~~	~~-1.33~~	~~1.04~~	~~0.111333~~	~~0.000557~~	~~0.003220~~	~~0.000020~~	~~0.282153~~	~~0.000103~~	~~0.000108~~	~~0.282148~~	~~0.000047~~	~~0.000049~~	~~*a*~~	~~**0.282148**~~	~~**0.000047**~~	~~**0.000049**~~	~~**0.282073**~~	~~**0.000047**~~	~~**0.000049**~~	~~**2.5**~~	~~**1.7**~~	~~**1.8**~~	~~**1852**~~	~~**108**~~
~~STAI119257-25~~	~~11.10.2022~~	~~13232~~	~~17:21:49~~	~~20.2~~	~~1243~~	~~16~~	~~-1.1~~	~~4.5~~	~~-1.27~~	~~-1.28~~	~~1.03~~	~~0.271983~~	~~0.134783~~	~~0.005981~~	~~0.002575~~	~~0.281552~~	~~0.000270~~	~~0.000284~~	~~0.280984~~	~~0.001244~~	~~0.001306~~	~~*b*~~	~~**0.281552**~~	~~**0.000270**~~	~~**0.000284**~~	~~**0.281412**~~	~~**0.000277**~~	~~**0.000290**~~	~~**-20.7**~~	~~**9.8**~~	~~**10.3**~~	~~**3268**~~	~~**619**~~
STAI119257-26	11.10.2022	13232	17:23:15	15.9	1892	7	0.3	8.6	-1.30	-1.37	1.06	0.026444	0.000258	0.000740	0.000015	0.281599	0.000095	0.000100	0.281624	0.000048	0.000050	*a*	**0.281624**	**0.000048**	**0.000050**	**0.281598**	**0.000048**	**0.000050**	**0.7**	**1.7**	**1.8**	**2476**	**108**
~~STAI119257-27~~	~~11.10.2022~~	~~13232~~	~~17:24:40~~	~~14.6~~	~~1225~~	~~23~~	~~5.1~~	~~12.8~~	~~-1.29~~	~~-1.31~~	~~1.01~~	~~0.022336~~	~~0.000432~~	~~0.000693~~	~~0.000011~~	~~0.282144~~	~~0.000068~~	~~0.000071~~	~~0.282129~~	~~0.000041~~	~~0.000043~~	~~*a*~~	~~**0.282129**~~	~~**0.000041**~~	~~**0.000043**~~	~~**0.282113**~~	~~**0.000041**~~	~~**0.000043**~~	~~**3.7**~~	~~**1.4**~~	~~**1.5**~~	~~**1771**~~	~~**93**~~
STAI119257-28	11.10.2022	13232	17:26:05	20.9	1375	7	-13.7	16.1	-1.27	-1.30	1.02	0.170112	0.002824	0.004167	0.000056	0.282072	0.000073	0.000077	0.282003	0.000034	0.000035	*b*	**0.282072**	**0.000073**	**0.000077**	**0.281964**	**0.000073**	**0.000077**	**1.9**	**2.6**	**2.7**	**2002**	**167**
STAI119257-29	11.10.2022	13232	17:27:30	16.4	1644	9	2.7	10.8	-1.29	-1.34	1.04	0.067999	0.001202	0.002253	0.000052	0.281873	0.000085	0.000090	0.281888	0.000042	0.000045	*a*	**0.281888**	**0.000042**	**0.000045**	**0.281817**	**0.000042**	**0.000045**	**2.8**	**1.5**	**1.6**	**2155**	**96**
~~STAI119257-30~~	~~11.10.2022~~	~~13232~~	~~17:28:55~~	~~8.0~~	~~2075~~	~~4~~	~~-0.1~~	~~13.0~~	~~-1.29~~	~~-1.33~~	~~1.03~~	~~0.023523~~	~~0.000280~~	~~0.000687~~	~~0.000005~~	~~0.281162~~	~~0.000095~~	~~0.000100~~	~~0.281162~~	~~0.000052~~	~~0.000055~~	~~*a*~~	~~**0.281162**~~	~~**0.000052**~~	~~**0.000055**~~	~~**0.281135**~~	~~**0.000052**~~	~~**0.000055**~~	~~**-11.5**~~	~~**1.9**~~	~~**1.9**~~	~~**3347**~~	~~**115**~~
~~STAI119257-31~~	~~11.10.2022~~	~~13232~~	~~17:43:18~~	~~1.2~~	~~1515~~	~~5~~	~~-1.0~~	~~5.6~~	~~-1.34~~	~~-1.17~~	~~0.89~~	~~0.110180~~	~~0.004557~~	~~0.002620~~	~~0.000118~~	~~0.282546~~	~~0.000554~~	~~0.000582~~	~~0.282134~~	~~0.000322~~	~~0.000338~~	~~*b*~~	~~**0.282546**~~	~~**0.000554**~~	~~**0.000582**~~	~~**0.282470**~~	~~**0.000554**~~	~~**0.000582**~~	~~**23.0**~~	~~**19.6**~~	~~**20.6**~~	~~**806**~~	~~**1305**~~
~~STAI119257-32~~	~~11.10.2022~~	~~13232~~	~~17:44:43~~	~~2.0~~	~~1144~~	~~7~~	~~-9.2~~	~~3.3~~	~~-1.28~~	~~-1.38~~	~~1.13~~	~~0.106338~~	~~0.002481~~	~~0.003190~~	~~0.000093~~	~~0.281759~~	~~0.000785~~	~~0.000824~~	~~0.282301~~	~~0.000430~~	~~0.000452~~	~~*b*~~	~~**0.281759**~~	~~**0.000785**~~	~~**0.000824**~~	~~**0.281691**~~	~~**0.000785**~~	~~**0.000824**~~	~~**-13.1**~~	~~**27.9**~~	~~**29.3**~~	~~**2735**~~	~~**1799**~~
STAI119257-33	11.10.2022	13232	17:46:09	20.6	1119	10	-7.5	16.1	-1.28	-1.28	1.00	0.182187	0.003486	0.004647	0.000098	0.282212	0.000076	0.000080	0.282030	0.000037	0.000038	*b*	**0.282212**	**0.000076**	**0.000080**	**0.282114**	**0.000076**	**0.000080**	**1.4**	**2.7**	**2.8**	**1833**	**175**
~~STAI119257-34~~	~~11.10.2022~~	~~13232~~	~~17:47:34~~	~~9.2~~	~~1372~~	~~9~~	~~-4.9~~	~~15.2~~	~~-1.29~~	~~-1.30~~	~~1.00~~	~~0.056859~~	~~0.001947~~	~~0.001517~~	~~0.000040~~	~~0.282092~~	~~0.000093~~	~~0.000098~~	~~0.282062~~	~~0.000042~~	~~0.000044~~	~~*a*~~	~~**0.282062**~~	~~**0.000042**~~	~~**0.000044**~~	~~**0.282023**~~	~~**0.000042**~~	~~**0.000044**~~	~~**3.9**~~	~~**1.5**~~	~~**1.5**~~	~~**1877**~~	~~**95**~~
STAI119257-36	11.10.2022	13232	17:49:00	28.7	1166	10	-7.9	11.5	-1.30	-1.25	0.96	0.034319	0.001186	0.001168	0.000019	0.282120	0.000065	0.000068	0.282068	0.000028	0.000030	*a*	**0.282068**	**0.000028**	**0.000030**	**0.282042**	**0.000028**	**0.000030**	**-0.1**	**1.0**	**1.1**	**1962**	**65**
~~STAI119257-37~~	~~11.10.2022~~	~~13232~~	~~17:50:24~~	~~2.8~~	~~1954~~	~~8~~	~~-24.5~~	~~13.1~~	~~-1.30~~	~~-1.38~~	~~1.07~~	~~0.074975~~	~~0.002680~~	~~0.001610~~	~~0.000072~~	~~0.281525~~	~~0.000278~~	~~0.000292~~	~~0.281596~~	~~0.000106~~	~~0.000111~~	~~*b*~~	~~**0.281525**~~	~~**0.000278**~~	~~**0.000292**~~	~~**0.281465**~~	~~**0.000278**~~	~~**0.000292**~~	~~**-2.6**~~	~~**9.9**~~	~~**10.4**~~	~~**2722**~~	~~**625**~~
STAI119257-38	11.10.2022	13232	17:51:50	26.8	1742	8	-10.8	9.7	-1.27	-1.27	1.00	0.071101	0.000302	0.002062	0.000018	0.281904	0.000076	0.000080	0.281852	0.000035	0.000037	*a*	**0.281852**	**0.000035**	**0.000037**	**0.281784**	**0.000035**	**0.000037**	**3.9**	**1.2**	**1.3**	**2168**	**79**
STAI119257-39	11.10.2022	13232	17:53:15	18.7	1592	10	2.9	11.5	-1.25	-1.28	1.03	0.126625	0.007875	0.003167	0.000182	0.281893	0.000086	0.000090	0.281871	0.000040	0.000042	*a*	**0.281871**	**0.000040**	**0.000042**	**0.281775**	**0.000040**	**0.000042**	**0.1**	**1.4**	**1.5**	**2277**	**91**
STAI119257-40	11.10.2022	13232	17:54:41	19.6	1218	10	0.3	3.8	-1.27	-1.32	1.04	0.048031	0.000700	0.001548	0.000006	0.281804	0.000201	0.000211	0.281831	0.000095	0.000100	*a*	**0.281831**	**0.000095**	**0.000100**	**0.281796**	**0.000095**	**0.000100**	**-7.7**	**3.4**	**3.6**	**2463**	**216**
~~STAI119257-41~~	~~11.10.2022~~	~~13232~~	~~17:57:39~~	~~1.5~~	~~1993~~	~~15~~	~~-4.7~~	~~4.5~~	~~-1.36~~	~~-1.29~~	~~0.93~~	~~0.098435~~	~~0.003118~~	~~0.001929~~	~~0.000107~~	~~0.281926~~	~~0.000904~~	~~0.000949~~	~~0.281754~~	~~0.000345~~	~~0.000362~~	~~*b*~~	~~**0.281926**~~	~~**0.000904**~~	~~**0.000949**~~	~~**0.281853**~~	~~**0.000904**~~	~~**0.000949**~~	~~**12.2**~~	~~**32.1**~~	~~**33.7**~~	~~**1866**~~	~~**2090**~~
STAI119257-42	11.10.2022	13232	17:59:05	25.1	1437	6	0.4	12.2	-1.30	-1.29	1.00	0.059417	0.000746	0.002008	0.000034	0.281822	0.000067	0.000070	0.281776	0.000031	0.000032	*a*	**0.281776**	**0.000031**	**0.000032**	**0.281722**	**0.000031**	**0.000032**	**-5.3**	**1.1**	**1.1**	**2487**	**70**
~~STAI119257-43~~	~~11.10.2022~~	~~13232~~	~~18:00:29~~	~~4.0~~	~~1544~~	~~7~~	~~-1.5~~	~~9.8~~	~~-1.32~~	~~-1.39~~	~~1.05~~	~~0.050807~~	~~0.000933~~	~~0.001530~~	~~0.000010~~	~~0.281911~~	~~0.000235~~	~~0.000247~~	~~0.281970~~	~~0.000096~~	~~0.000101~~	~~*a*~~	~~**0.281970**~~	~~**0.000096**~~	~~**0.000101**~~	~~**0.281925**~~	~~**0.000096**~~	~~**0.000101**~~	~~**4.4**~~	~~**3.4**~~	~~**3.6**~~	~~**1983**~~	~~**219**~~
STAI119257-44	11.10.2022	13232	18:01:55	37.1	1987	6	1.5	11.3	-1.29	-1.29	1.00	0.039302	0.000745	0.001169	0.000007	0.281269	0.000055	0.000057	0.281243	0.000028	0.000030	*a*	**0.281243**	**0.000028**	**0.000030**	**0.281199**	**0.000028**	**0.000030**	**-11.2**	**1.0**	**1.1**	**3265**	**63**
~~STAI119257-45~~	~~11.10.2022~~	~~13232~~	~~18:03:20~~	~~10.6~~	~~1251~~	~~8~~	~~-2.8~~	~~9.6~~	~~-1.29~~	~~-1.29~~	~~1.00~~	~~0.074805~~	~~0.003676~~	~~0.001899~~	~~0.000054~~	~~0.282097~~	~~0.000120~~	~~0.000126~~	~~0.282053~~	~~0.000058~~	~~0.000061~~	~~*a*~~	~~**0.282053**~~	~~**0.000058**~~	~~**0.000061**~~	~~**0.282008**~~	~~**0.000058**~~	~~**0.000061**~~	~~**0.6**~~	~~**2.1**~~	~~**2.2**~~	~~**1983**~~	~~**132**~~
STAI119257-46	11.10.2022	13232	18:04:46	16.3	1935	8	-0.8	9.1	-1.28	-1.36	1.06	0.009419	0.000146	0.000300	0.000005	0.281272	0.000099	0.000104	0.281298	0.000043	0.000045	*a*	**0.281298**	**0.000043**	**0.000045**	**0.281287**	**0.000043**	**0.000045**	**-9.3**	**1.5**	**1.6**	**3111**	**95**
~~STAI119257-47~~	~~11.10.2022~~	~~13232~~	~~18:06:11~~	~~14.7~~	~~1511~~	~~12~~	~~8.9~~	~~12.6~~	~~-1.28~~	~~-1.28~~	~~1.01~~	~~0.122332~~	~~0.002917~~	~~0.003123~~	~~0.000037~~	~~0.281920~~	~~0.000090~~	~~0.000094~~	~~0.281842~~	~~0.000041~~	~~0.000044~~	~~*b*~~	~~**0.281920**~~	~~**0.000090**~~	~~**0.000094**~~	~~**0.281830**~~	~~**0.000090**~~	~~**0.000094**~~	~~**0.2**~~	~~**3.2**~~	~~**3.4**~~	~~**2208**~~	~~**204**~~
~~STAI119257-48~~	~~11.10.2022~~	~~13232~~	~~18:07:36~~	~~6.1~~	~~1798~~	~~5~~	~~-1.0~~	~~16.4~~	~~-1.28~~	~~-1.33~~	~~1.03~~	~~0.024854~~	~~0.000919~~	~~0.000641~~	~~0.000010~~	~~0.281685~~	~~0.000109~~	~~0.000114~~	~~0.281685~~	~~0.000056~~	~~0.000059~~	~~*a*~~	~~**0.281685**~~	~~**0.000056**~~	~~**0.000059**~~	~~**0.281663**~~	~~**0.000056**~~	~~**0.000059**~~	~~**0.9**~~	~~**2.0**~~	~~**2.1**~~	~~**2393**~~	~~**126**~~
~~STAI119257-49~~	~~11.10.2022~~	~~13232~~	~~18:09:01~~	~~3.4~~	~~2003~~	~~23~~	~~-56.2~~	~~19.3~~	~~-1.27~~	~~-1.31~~	~~1.03~~	~~0.380194~~	~~0.008464~~	~~0.007707~~	~~0.000099~~	~~0.282109~~	~~0.000209~~	~~0.000220~~	~~0.282064~~	~~0.000118~~	~~0.000124~~	~~*a*~~	~~**0.282064**~~	~~**0.000118**~~	~~**0.000124**~~	~~**0.281771**~~	~~**0.000118**~~	~~**0.000124**~~	~~**9.5**~~	~~**4.2**~~	~~**4.4**~~	~~**2037**~~	~~**267**~~
STAI119257-50	11.10.2022	13232	18:10:27	24.0	1429	9	10.4	14.1	-1.24	-1.31	1.06	0.070727	0.001761	0.001832	0.000022	0.282023	0.000054	0.000056	0.282040	0.000026	0.000027	*a*	**0.282040**	**0.000026**	**0.000027**	**0.281990**	**0.000026**	**0.000027**	**4.0**	**0.9**	**1.0**	**1912**	**59**
~~STAI119257-51~~	~~11.10.2022~~	~~13232~~	~~18:13:26~~	~~8.7~~	~~2166~~	~~12~~	~~-22.8~~	~~6.6~~	~~-1.29~~	~~-1.31~~	~~1.02~~	~~0.111505~~	~~0.001039~~	~~0.003027~~	~~0.000053~~	~~0.281593~~	~~0.000160~~	~~0.000168~~	~~0.281574~~	~~0.000072~~	~~0.000075~~	~~*a*~~	~~**0.281574**~~	~~**0.000072**~~	~~**0.000075**~~	~~**0.281449**~~	~~**0.000072**~~	~~**0.000075**~~	~~**1.8**~~	~~**2.5**~~	~~**2.7**~~	~~**2626**~~	~~**160**~~
STAI119257-52	11.10.2022	13232	18:14:51	18.4	1765	10	0.7	12.1	-1.25	-1.27	1.01	0.056405	0.000697	0.001711	0.000038	0.281842	0.000073	0.000077	0.281815	0.000039	0.000041	*a*	**0.281815**	**0.000039**	**0.000041**	**0.281757**	**0.000039**	**0.000041**	**3.5**	**1.4**	**1.5**	**2210**	**88**

~~STAI119257-53~~	~~11.10.2022~~	~~13232~~	~~18:16:16~~	~~6.3~~	~~1441~~	9	~~-5.5~~	~~8.4~~	~~-1.29~~	~~-1.29~~	~~1.00~~	~~0.047214~~	~~0.000568~~	~~0.001686~~	~~0.000020~~	~~0.281970~~	~~0.000167~~	~~0.000176~~	~~0.281947~~	~~0.000077~~	~~0.000081~~	~~*a*~~	~~**0.281947**~~	~~**0.000077**~~	~~**0.000081**~~	~~**0.281901**~~	~~**0.000077**~~	~~**0.000081**~~	~~**1.1**~~	~~**2.7**~~	~~**2.9**~~	~~**2099**~~	~~**176**~~
~~STAI119257-54~~	~~11.10.2022~~	~~13232~~	~~18:17:41~~	~~7.0~~	~~1963~~	9	~~-5.7~~	~~2.1~~	~~-1.30~~	~~-1.23~~	~~0.95~~	~~0.085102~~	~~0.000903~~	~~0.002792~~	~~0.000036~~	~~0.282145~~	~~0.000627~~	~~0.000658~~	~~0.282005~~	~~0.000259~~	~~0.000272~~	~~*b*~~	~~**0.282145**~~	~~**0.000627**~~	~~**0.000658**~~	~~**0.282040**~~	~~**0.000627**~~	~~**0.000658**~~	~~**18.1**~~	~~**22.2**~~	~~**23.3**~~	~~**1478**~~	~~**1451**~~
STAI119257-55	11.10.2022	13232	18:19:06	21.0	1182	10	0.6	11.8	-1.27	-1.30	1.02	0.041156	0.000393	0.001202	0.000007	0.282088	0.000066	0.000070	0.282087	0.000034	0.000036	*a*	**0.282087**	**0.000034**	**0.000036**	**0.282061**	**0.000034**	**0.000036**	**0.9**	**1.2**	**1.3**	**1911**	**78**
~~STAI119257-56~~	~~11.10.2022~~	~~13232~~	~~18:20:31~~	~~2.2~~	~~1579~~	5	~~-17.2~~	~~8.6~~	~~-1.29~~	~~-1.30~~	~~1.00~~	~~0.060545~~	~~0.002253~~	~~0.001778~~	~~0.000053~~	~~0.281930~~	~~0.000298~~	~~0.000313~~	~~0.281885~~	~~0.000139~~	~~0.000146~~	~~*a*~~	~~**0.281885**~~	~~**0.000139**~~	~~**0.000146**~~	~~**0.281832**~~	~~**0.000139**~~	~~**0.000146**~~	~~**1.8**~~	~~**4.9**~~	~~**5.2**~~	~~**2164**~~	~~**315**~~
STAI119257-57	11.10.2022	13232	18:21:57	26.8	1521	5	0.1	13.5	-1.28	-1.31	1.02	0.048510	0.001021	0.001277	0.000012	0.281977	0.000053	0.000056	0.281964	0.000028	0.000030	*a*	**0.281964**	**0.000028**	**0.000030**	**0.281927**	**0.000028**	**0.000030**	**3.9**	**1.0**	**1.1**	**1992**	**65**
~~STAI119257-58~~	~~11.10.2022~~	~~13232~~	~~18:23:22~~	~~11.9~~	~~2822~~	4	~~-20.6~~	~~14.5~~	~~-1.29~~	~~-1.30~~	~~1.02~~	~~0.027119~~	~~0.000571~~	~~0.000643~~	~~0.000008~~	~~0.280995~~	~~0.000065~~	~~0.000069~~	~~0.280992~~	~~0.000032~~	~~0.000034~~	~~*a*~~	~~**0.280992**~~	~~**0.000032**~~	~~**0.000034**~~	~~**0.280957**~~	~~**0.000032**~~	~~**0.000034**~~	~~**-0.4**~~	~~**1.2**~~	~~**1.2**~~	~~**3272**~~	~~**71**~~
~~STAI119257-59~~	~~11.10.2022~~	~~13232~~	~~18:24:47~~	~~3.8~~	~~1325~~	~~8~~	~~0.1~~	~~3.2~~	~~-1.31~~	~~-1.18~~	~~0.94~~	~~0.063986~~	~~0.003050~~	~~0.001682~~	~~0.000044~~	~~0.282133~~	~~0.001197~~	~~0.001257~~	~~0.282074~~	~~0.000529~~	~~0.000555~~	~~*b*~~	~~**0.282133**~~	~~**0.001197**~~	~~**0.001257**~~	~~**0.282091**~~	~~**0.001197**~~	~~**0.001257**~~	~~**5.2**~~	~~**42.4**~~	~~**44.6**~~	~~**1756**~~	~~**2815**~~
STAI119257-60	11.10.2022	13232	18:26:13	15.6	890	4	-3.3	9.6	-1.29	-1.30	1.02	0.019766	0.000160	0.000685	0.000012	0.281435	0.000086	0.000090	0.281431	0.000047	0.000049	*a*	**0.281431**	**0.000047**	**0.000049**	**0.281420**	**0.000047**	**0.000049**	**-28.4**	**1.7**	**1.8**	**3471**	**105**
STAI119257-61	13.10.2022	13239	13:36:29	29.4	1332	12	-22.8	14.3	-1.33	-1.32	1.00	0.115240	0.001488	0.002799	0.000042	0.282234	0.000059	0.000062	0.282120	0.000028	0.000030	*b*	**0.282234**	**0.000059**	**0.000062**	**0.282164**	**0.000059**	**0.000062**	**8.0**	**2.1**	**2.2**	**1593**	**135**
STAI119257-62	13.10.2022	13239	13:37:53	17.5	1873	6	0.9	12.2	-1.32	-1.35	1.02	0.044543	0.001136	0.001232	0.000035	0.281082	0.000074	0.000078	0.281094	0.000039	0.000041	*a*	**0.281094**	**0.000039**	**0.000041**	**0.281050**	**0.000039**	**0.000041**	**-19.1**	**1.4**	**1.5**	**3646**	**85**
STAI119257-63	13.10.2022	13239	13:39:18	16.2	1575	4	-0.7	12.8	-1.31	-1.34	1.02	0.055904	0.000393	0.001849	0.000012	0.281928	0.000074	0.000078	0.281926	0.000037	0.000039	*a*	**0.281926**	**0.000037**	**0.000039**	**0.281871**	**0.000037**	**0.000039**	**3.1**	**1.3**	**1.4**	**2082**	**85**
~~STAI119257-64~~	~~13.10.2022~~	~~13239~~	~~13:40:43~~	~~1.2~~	~~1535~~	~~4~~	~~-7.3~~	~~9.1~~	~~-1.36~~	~~-1.46~~	~~1.08~~	~~0.075133~~	~~0.001569~~	~~0.001954~~	~~0.000018~~	~~0.281859~~	~~0.000490~~	~~0.000514~~	~~0.281925~~	~~0.000214~~	~~0.000225~~	~~*b*~~	~~**0.281859**~~	~~**0.000490**~~	~~**0.000514**~~	~~**0.281802**~~	~~**0.000490**~~	~~**0.000514**~~	~~**-0.2**~~	~~**17.4**~~	~~**18.2**~~	~~**2254**~~	~~**1120**~~
~~STAI119257-65~~	~~13.10.2022~~	~~13239~~	~~13:42:08~~	~~1.3~~	~~1338~~	8	~~-15.3~~	~~9.7~~	~~-1.35~~	~~-1.42~~	~~1.05~~	~~0.087741~~	~~0.000880~~	~~0.002489~~	~~0.000015~~	~~0.281905~~	~~0.000387~~	~~0.000407~~	~~0.281948~~	~~0.000154~~	~~0.000162~~	~~*a*~~	~~**0.281948**~~	~~**0.000154**~~	~~**0.000162**~~	~~**0.281885**~~	~~**0.000154**~~	~~**0.000162**~~	~~**-1.8**~~	~~**5.5**~~	~~**5.8**~~	~~**2195**~~	~~**352**~~
~~STAI119257-66~~	~~13.10.2022~~	~~13239~~	~~13:43:34~~	~~14.2~~	~~1208~~	~~5~~	~~0.1~~	~~11.6~~	~~-1.28~~	~~-1.31~~	~~1.02~~	~~0.069518~~	~~0.001340~~	~~0.002323~~	~~0.000046~~	~~0.281914~~	~~0.000101~~	~~0.000106~~	~~0.281875~~	~~0.000039~~	~~0.000041~~	~~*a*~~	~~**0.281875**~~	~~**0.000039**~~	~~**0.000041**~~	~~**0.281822**~~	~~**0.000039**~~	~~**0.000041**~~	~~**-7.0**~~	~~**1.4**~~	~~**1.5**~~	~~**2413**~~	~~**89**~~
~~STAI119257-67~~	~~13.10.2022~~	~~13239~~	~~13:44:59~~	~~10.2~~	~~1618~~	6	~~-1.3~~	~~15.0~~	~~-1.31~~	~~-1.37~~	~~1.04~~	~~0.045855~~	~~0.000161~~	~~0.001337~~	~~0.000009~~	~~0.281936~~	~~0.000068~~	~~0.000072~~	~~0.281946~~	~~0.000038~~	~~0.000040~~	~~*a*~~	~~**0.281946**~~	~~**0.000038**~~	~~**0.000040**~~	~~**0.281905**~~	~~**0.000038**~~	~~**0.000040**~~	~~**5.4**~~	~~**1.4**~~	~~**1.4**~~	~~**1981**~~	~~**87**~~
~~STAI119257-68~~	~~13.10.2022~~	~~13239~~	~~13:46:24~~	~~1.1~~	~~1310~~	9	~~-8.4~~	~~0.8~~	~~-1.28~~	~~-1.57~~	~~-0.25~~	~~0.388686~~	~~0.091303~~	~~0.005049~~	~~0.000791~~	~~0.279365~~	~~0.009028~~	~~0.009479~~	~~0.281046~~	~~0.004026~~	~~0.004227~~	~~*b*~~	~~**0.279365**~~	~~**0.009028**~~	~~**0.009479**~~	~~**0.279240**~~	~~**0.009028**~~	~~**0.009479**~~	~~**-96.2**~~	~~**323.3**~~	~~**339.5**~~	~~**7649**~~	~~**22730**~~
~~STAI119257-69~~	~~13.10.2022~~	~~13239~~	~~13:47:49~~	~~9.1~~	~~2548~~	9	~~-43.5~~	~~10.2~~	~~-1.28~~	~~-1.28~~	~~1.00~~	~~0.056782~~	~~0.001423~~	~~0.001604~~	~~0.000027~~	~~0.281129~~	~~0.000116~~	~~0.000122~~	~~0.281081~~	~~0.000058~~	~~0.000061~~	~~*a*~~	~~**0.281081**~~	~~**0.000058**~~	~~**0.000061**~~	~~**0.281003**~~	~~**0.000058**~~	~~**0.000061**~~	~~**-5.2**~~	~~**2.1**~~	~~**2.2**~~	~~**3339**~~	~~**128**~~
STAI119257-70	13.10.2022	13239	13:49:15	34.6	1421	13	-3.8	13.1	-1.29	-1.32	1.02	0.027721	0.000353	0.000823	0.000014	0.281977	0.000048	0.000050	0.281979	0.000024	0.000025	*a*	**0.281979**	**0.000024**	**0.000025**	**0.281957**	**0.000024**	**0.000025**	**2.7**	**0.8**	**0.9**	**1989**	**54**
STAI119257-71	13.10.2022	13239	13:52:13	24.4	1165	5	-1.6	10.4	-1.31	-1.33	1.01	0.046625	0.002265	0.001327	0.000041	0.282131	0.000068	0.000072	0.282092	0.000032	0.000034	*a*	**0.282092**	**0.000032**	**0.000034**	**0.282062**	**0.000032**	**0.000034**	**0.6**	**1.1**	**1.2**	**1918**	**74**
STAI119257-72	13.10.2022	13239	13:53:38	29.6	1723	18	-6.9	12.4	-1.33	-1.36	1.02	0.082045	0.002442	0.001843	0.000032	0.281891	0.000061	0.000064	0.281848	0.000029	0.000031	*a*	**0.281848**	**0.000029**	**0.000031**	**0.281788**	**0.000029**	**0.000031**	**3.6**	**1.0**	**1.1**	**2171**	**67**
STAI119257-73	13.10.2022	13239	13:55:04	30.3	1213	10	0.7	15.6	-1.32	-1.33	1.02	0.033183	0.001713	0.000853	0.000023	0.282166	0.000047	0.000049	0.282155	0.000024	0.000025	*a*	**0.282155**	**0.000024**	**0.000025**	**0.282135**	**0.000024**	**0.000025**	**4.3**	**0.8**	**0.9**	**1729**	**55**
~~STAI119257-74~~	~~13.10.2022~~	~~13239~~	~~13:56:29~~	~~13.8~~	~~1815~~	~~4~~	~~-0.5~~	~~13.8~~	~~-1.32~~	~~-1.34~~	~~1.02~~	~~0.053561~~	~~0.000421~~	~~0.001562~~	~~0.000012~~	~~0.281752~~	~~0.000076~~	~~0.000079~~	~~0.281735~~	~~0.000043~~	~~0.000045~~	~~*a*~~	~~**0.281735**~~	~~**0.000043**~~	~~**0.000045**~~	~~**0.281681**~~	~~**0.000043**~~	~~**0.000045**~~	~~**1.9**~~	~~**1.5**~~	~~**1.6**~~	~~**2343**~~	~~**96**~~
~~STAI119257-75~~	~~13.10.2022~~	~~13239~~	~~13:57:54~~	~~10.4~~	~~1799~~	3	~~-1.0~~	~~12.2~~	~~-1.31~~	~~-1.31~~	~~1.00~~	~~0.095889~~	~~0.001481~~	~~0.002556~~	~~0.000015~~	~~0.281775~~	~~0.000109~~	~~0.000115~~	~~0.281713~~	~~0.000054~~	~~0.000057~~	~~*b*~~	~~**0.281775**~~	~~**0.000109**~~	~~**0.000115**~~	~~**0.281688**~~	~~**0.000109**~~	~~**0.000115**~~	~~**1.8**~~	~~**3.9**~~	~~**4.1**~~	~~**2339**~~	~~**247**~~
~~STAI119257-76~~	~~13.10.2022~~	~~13239~~	~~13:59:19~~	~~3.8~~	~~1692~~	~~4~~	~~-1.9~~	~~12.1~~	~~-1.30~~	~~-1.45~~	~~1.12~~	~~0.026345~~	~~0.001007~~	~~0.000707~~	~~0.000026~~	~~0.281682~~	~~0.000126~~	~~0.000132~~	~~0.281721~~	~~0.000074~~	~~0.000078~~	~~*a*~~	~~**0.281721**~~	~~**0.000074**~~	~~**0.000078**~~	~~**0.281699**~~	~~**0.000074**~~	~~**0.000078**~~	~~**-0.3**~~	~~**2.6**~~	~~**2.8**~~	~~**2381**~~	~~**168**~~
STAI119257-77	13.10.2022	13239	14:00:44	20.4	1731	16	-67.0	13.9	-1.30	-1.29	0.99	0.237078	0.003616	0.005164	0.000116	0.281831	0.000080	0.000084	0.281612	0.000042	0.000045	*b*	**0.281831**	**0.000080**	**0.000084**	**0.281662**	**0.000080**	**0.000084**	**-0.7**	**2.8**	**3.0**	**2437**	**180**
STAI119257-78	13.10.2022	13239	14:02:10	31.6	1611	5	-1.7	11.5	-1.31	-1.33	1.01	0.049506	0.000921	0.001399	0.000039	0.281829	0.000065	0.000068	0.281814	0.000030	0.000031	*a*	**0.281814**	**0.000030**	**0.000031**	**0.281772**	**0.000030**	**0.000031**	**0.4**	**1.1**	**1.1**	**2273**	**67**
STAI119257-79	13.10.2022	13239	14:03:34	28.2	3279	7	-78.5	15.6	-1.31	-1.32	1.02	0.199598	0.003922	0.004886	0.000075	0.282228	0.000067	0.000070	0.282143	0.000033	0.000034	*b*	**0.282228**	**0.000067**	**0.000070**	**0.281919**	**0.000067**	**0.000070**	**44.7**	**2.4**	**2.5**	**962**	**152**
STAI119257-80	13.10.2022	13239	14:05:00	26.5	1333	12	-2.1	12.7	-1.31	-1.38	1.05	0.026145	0.000544	0.000771	0.000005	0.281921	0.000054	0.000057	0.281928	0.000029	0.000031	*a*	**0.281928**	**0.000029**	**0.000031**	**0.281908**	**0.000029**	**0.000031**	**-1.1**	**1.0**	**1.1**	**2149**	**67**
STAI119257-81	13.10.2022	13239	14:07:58	20.4	2003	20	-35.4	8.9	-1.30	-1.29	0.99	0.077474	0.002784	0.002191	0.000074	0.281866	0.000104	0.000109	0.281770	0.000045	0.000047	*b*	**0.281866**	**0.000104**	**0.000109**	**0.281783**	**0.000104**	**0.000109**	**9.9**	**3.7**	**3.9**	**2012**	**235**

STAI119257-82	13.10.2022	13239	14:09:24	28.2	1561	7	2.6	12.5	-1.31	-1.38	1.06	0.024017	0.000312	0.000793	0.000015	0.281912	0.000061	0.000064	0.281916	0.000031	0.000032	*a*	0.281916	0.000031	0.000032	0.281893	0.000031	0.000032	3.6	1.1	1.2	2043	70
STAI119257-83	13.10.2022	13239	14:10:48	31.7	1007	9	1.8	10.3	-1.30	-1.32	1.01	0.029155	0.001526	0.000763	0.000025	0.282181	0.000065	0.000068	0.282167	0.000031	0.000032	*a*	0.282167	0.000031	0.000032	0.282152	0.000031	0.000032	0.2	1.1	1.1	1820	71
STAI119257-84	13.10.2022	13239	14:12:14	28.1	1652	7	1.5	12.1	-1.30	-1.33	1.02	0.081857	0.000847	0.002662	0.000048	0.281864	0.000067	0.000070	0.281843	0.000033	0.000034	*a*	0.281843	0.000033	0.000034	0.281759	0.000033	0.000034	0.9	1.2	1.2	2275	74
STAI119257-85	13.10.2022	13239	14:13:39	24.4	1252	6	-0.5	12.9	-1.31	-1.32	1.01	0.058353	0.002201	0.001589	0.000082	0.282223	0.000070	0.000073	0.282181	0.000031	0.000033	*a*	0.282181	0.000031	0.000033	0.282143	0.000031	0.000033	5.4	1.1	1.2	1688	72
~~STAI119257-86~~	~~13.10.2022~~	~~13239~~	~~14:15:04~~	~~1.0~~	~~1980~~	~~5~~	~~-0.2~~	~~1.3~~	~~-1.53~~	~~-1.36~~	~~0.90~~	~~0.105842~~	~~0.023197~~	~~0.002287~~	~~0.000341~~	~~0.281888~~	~~0.003597~~	~~0.003777~~	~~0.282008~~	~~0.001462~~	~~0.001535~~	~~*b*~~	~~0.281888~~	~~0.003597~~	~~0.003777~~	~~0.281801~~	~~0.003597~~	~~0.003777~~	~~10.0~~	~~127.6~~	~~134.0~~	~~1985~~	~~8830~~
STAI119257-87	13.10.2022	13239	14:16:30	18.2	1155	8	-0.2	9.5	-1.31	-1.32	1.01	0.038415	0.000663	0.001259	0.000006	0.282122	0.000109	0.000114	0.282101	0.000058	0.000061	*a*	0.282101	0.000058	0.000061	0.282074	0.000058	0.000061	0.8	2.1	2.2	1899	133
STAI119257-88	13.10.2022	13239	14:17:56	34.0	1668	5	-3.1	10.7	-1.31	-1.30	0.99	0.066319	0.000415	0.002263	0.000027	0.281917	0.000062	0.000065	0.281849	0.000031	0.000033	*b*	0.281917	0.000062	0.000065	0.281846	0.000062	0.000065	4.4	2.2	2.3	2079	140
~~STAI119257-89~~	~~13.10.2022~~	~~13239~~	~~14:19:20~~	~~3.5~~	~~1471~~	~~11~~	~~-1.2~~	~~1.8~~	~~-1.35~~	~~-1.35~~	~~1.02~~	~~0.077220~~	~~0.001180~~	~~0.002174~~	~~0.000027~~	~~0.281987~~	~~0.000832~~	~~0.000874~~	~~0.281960~~	~~0.000407~~	~~0.000427~~	~~*a*~~	~~0.281960~~	~~0.000407~~	~~0.000427~~	~~0.281899~~	~~0.000407~~	~~0.000427~~	~~1.8~~	~~14.4~~	~~15.2~~	~~2083~~	~~933~~
STAI119257-90	13.10.2022	13239	14:20:45	20.4	1527	6	1.6	15.8	-1.32	-1.36	1.03	0.046961	0.000753	0.001146	0.000018	0.281965	0.000050	0.000052	0.281950	0.000026	0.000027	*a*	0.281950	0.000026	0.000027	0.281917	0.000026	0.000027	3.7	0.9	1.0	2011	59
STAI119257-91	13.10.2022	13239	14:35:08	16.4	1269	5	-12.5	17.0	-1.30	-1.31	1.00	0.091179	0.001432	0.002538	0.000067	0.282014	0.000065	0.000069	0.281939	0.000029	0.000031	*b*	0.282014	0.000065	0.000069	0.281953	0.000066	0.000069	-0.9	2.3	2.4	2090	149
~~STAI119257-92~~	~~13.10.2022~~	~~13239~~	~~14:36:33~~	~~14.5~~	~~1130~~	~~15~~	~~-2.0~~	~~10.9~~	~~-1.30~~	~~-1.27~~	~~0.98~~	~~0.076913~~	~~0.007439~~	~~0.001820~~	~~0.000160~~	~~0.282125~~	~~0.000088~~	~~0.000092~~	~~0.282028~~	~~0.000045~~	~~0.000047~~	~~*b*~~	~~0.282125~~	~~0.000088~~	~~0.000092~~	~~0.282086~~	~~0.000088~~	~~0.000092~~	~~0.6~~	~~3.1~~	~~3.3~~	~~1887~~	~~202~~
STAI119257-93	13.10.2022	13239	14:37:58	16.1	1543	10	-5.0	13.4	-1.29	-1.30	1.00	0.046644	0.002654	0.001018	0.000041	0.282030	0.000069	0.000073	0.281993	0.000034	0.000036	*a*	0.281993	0.000034	0.000036	0.281964	0.000034	0.000036	5.7	1.2	1.3	1900	78
STAI119257-94	13.10.2022	13239	14:39:23	20.6	1581	8	-2.3	15.8	-1.30	-1.33	1.02	0.075338	0.001045	0.001920	0.000033	0.281864	0.000050	0.000053	0.281842	0.000027	0.000028	*a*	0.281842	0.000027	0.000028	0.281785	0.000027	0.000028	0.2	0.9	1.0	2264	60
STAI119257-95	13.10.2022	13239	14:40:49	18.9	1169	4	-1.1	16.3	-1.29	-1.29	1.00	0.066442	0.001083	0.001797	0.000026	0.282119	0.000058	0.000061	0.282069	0.000030	0.000031	*a*	0.282069	0.000030	0.000031	0.282030	0.000030	0.000031	-0.5	1.1	1.1	1987	68
~~STAI119257-96~~	~~13.10.2022~~	~~13239~~	~~14:42:14~~	~~1.4~~	~~1616~~	~~7~~	~~0.4~~	~~3.3~~	~~-1.30~~	~~-1.66~~	~~1.25~~	~~0.041993~~	~~0.002941~~	~~0.000932~~	~~0.000047~~	~~0.281477~~	~~0.001119~~	~~0.001175~~	~~0.281693~~	~~0.000499~~	~~0.000524~~	~~*a*~~	~~0.281693~~	~~0.000499~~	~~0.000524~~	~~0.281665~~	~~0.000499~~	~~0.000524~~	~~-3.2~~	~~17.7~~	~~18.6~~	~~2500~~	~~1135~~
STAI119257-97	13.10.2022	13239	14:43:39	19.8	1494	12	-4.3	10.9	-1.29	-1.31	1.01	0.025898	0.001897	0.000846	0.000069	0.281747	0.000088	0.000092	0.281751	0.000041	0.000043	*a*	0.281751	0.000041	0.000043	0.281727	0.000041	0.000043	-3.8	1.5	1.5	2441	93
STAI119257-98	13.10.2022	13239	14:45:05	17.9	1537	6	-2.0	12.5	-1.30	-1.32	1.02	0.036050	0.001729	0.000944	0.000041	0.281854	0.000066	0.000069	0.281839	0.000035	0.000037	*a*	0.281839	0.000035	0.000037	0.281812	0.000035	0.000037	0.2	1.2	1.3	2232	79
~~STAI119257-99~~	~~13.10.2022~~	~~13239~~	~~14:46:30~~	~~14.3~~	~~1551~~	~~7~~	~~0.5~~	~~10.0~~	~~-1.30~~	~~-1.36~~	~~1.05~~	~~0.037175~~	~~0.000940~~	~~0.001141~~	~~0.000008~~	~~0.281773~~	~~0.000091~~	~~0.000095~~	~~0.281794~~	~~0.000045~~	~~0.000047~~	~~*a*~~	~~0.281794~~	~~0.000045~~	~~0.000047~~	~~0.281761~~	~~0.000045~~	~~0.000047~~	~~-1.3~~	~~1.6~~	~~1.7~~	~~2333~~	~~101~~
~~STAI119257-100~~	~~13.10.2022~~	~~13239~~	~~14:47:55~~	~~13.4~~	~~1702~~	~~7~~	~~-0.9~~	~~13.7~~	~~-1.28~~	~~-1.35~~	~~1.05~~	~~0.097724~~	~~0.001994~~	~~0.002577~~	~~0.000021~~	~~0.281830~~	~~0.000091~~	~~0.000096~~	~~0.281856~~	~~0.000042~~	~~0.000044~~	~~*a*~~	~~0.281856~~	~~0.000042~~	~~0.000044~~	~~0.281773~~	~~0.000042~~	~~0.000044~~	~~2.6~~	~~1.5~~	~~1.6~~	~~2215~~	~~95~~
~~STAI119257-101~~	~~13.10.2022~~	~~13239~~	~~14:50:53~~	~~1.2~~	~~2466~~	~~8~~	~~6.5~~	~~9.9~~	~~-1.33~~	~~-1.51~~	~~1.12~~	~~0.028075~~	~~0.001648~~	~~0.000752~~	~~0.000050~~	~~0.281161~~	~~0.000369~~	~~0.000387~~	~~0.281254~~	~~0.000163~~	~~0.000171~~	~~*a*~~	~~0.281254~~	~~0.000163~~	~~0.000171~~	~~0.281219~~	~~0.000163~~	~~0.000171~~	~~0.6~~	~~5.8~~	~~6.1~~	~~2936~~	~~362~~
STAI119257-102	13.10.2022	13239	14:52:19	22.4	1618	5	0.4	15.3	-1.29	-1.33	1.03	0.095207	0.001600	0.002769	0.000032	0.282023	0.000063	0.000066	0.282013	0.000029	0.000030	*a*	0.282013	0.000029	0.000030	0.281928	0.000029	0.000030	6.2	1.0	1.1	1932	65
STAI119257-103	13.10.2022	13239	14:53:44	17.6	1620	6	2.9	15.2	-1.30	-1.32	1.02	0.056672	0.000418	0.001588	0.000016	0.281882	0.000061	0.000064	0.281867	0.000032	0.000034	*a*	0.281867	0.000032	0.000034	0.281818	0.000032	0.000034	2.3	1.1	1.2	2167	73
STAI119257-104	13.10.2022	13239	14:55:10	25.9	1581	6	0.3	14.0	-1.29	-1.25	0.98	0.035875	0.001152	0.001080	0.000023	0.281905	0.000061	0.000064	0.281862	0.000029	0.000030	*a*	0.281862	0.000029	0.000030	0.281829	0.000029	0.000030	1.8	1.0	1.1	2167	65
~~STAI119257-105~~	~~13.10.2022~~	~~13239~~	~~14:56:34~~	~~1.0~~	~~1023~~	~~9~~	~~1.0~~	~~2.7~~	~~-1.36~~	~~-2.02~~	~~1.39~~	~~0.041401~~	~~0.002481~~	~~0.000872~~	~~0.000022~~	~~0.281364~~	~~0.000939~~	~~0.000986~~	~~0.281841~~	~~0.000374~~	~~0.000393~~	~~*a*~~	~~0.281841~~	~~0.000374~~	~~0.000393~~	~~0.281824~~	~~0.000374~~	~~0.000393~~	~~-11.1~~	~~13.3~~	~~13.9~~	~~2523~~	~~855~~
STAI119257-106	13.10.2022	13239	14:58:00	16.2	1246	8	2.9	12.5	-1.29	-1.28	1.00	0.067623	0.001373	0.002042	0.000025	0.282224	0.000084	0.000088	0.282176	0.000038	0.000040	*a*	0.282176	0.000038	0.000040	0.282128	0.000038	0.000040	4.7	1.4	1.4	1725	88
STAI119257-107	13.10.2022	13239	14:59:26	24.9	1645	6	-2.9	12.5	-1.29	-1.34	1.04	0.046224	0.000661	0.001398	0.000005	0.281850	0.000058	0.000061	0.281856	0.000030	0.000031	*a*	0.281856	0.000030	0.000031	0.281812	0.000030	0.000031	2.7	1.1	1.1	2165	68
~~STAI119257-108~~	~~13.10.2022~~	~~13239~~	~~15:00:50~~	~~13.0~~	~~1163~~	~~8~~	~~-2.4~~	~~12.4~~	~~-1.30~~	~~-1.29~~	~~0.99~~	~~0.088927~~	~~0.002423~~	~~0.002409~~	~~0.000061~~	~~0.282178~~	~~0.000085~~	~~0.000090~~	~~0.282110~~	~~0.000042~~	~~0.000044~~	~~*b*~~	~~0.282178~~	~~0.000085~~	~~0.000090~~	~~0.282125~~	~~0.000085~~	~~0.000090~~	~~2.7~~	~~3.0~~	~~3.2~~	~~1783~~	~~196~~
~~STAI119257-109~~	~~13.10.2022~~	~~13239~~	~~15:02:14~~	~~1.1~~	~~1245~~	~~9~~	~~-2.9~~	~~1.2~~	~~-1.31~~	~~-1.94~~	~~1.36~~	~~0.093991~~	~~0.015973~~	~~0.002062~~	~~0.000141~~	~~0.280551~~	~~0.004302~~	~~0.004517~~	~~0.281702~~	~~0.002849~~	~~0.002992~~	~~*b*~~	~~0.280551~~	~~0.004302~~	~~0.004517~~	~~0.280502~~	~~0.004302~~	~~0.004517~~	~~-52.9~~	~~153.4~~	~~161.0~~	~~5164~~	~~10158~~
~~STAI119257-110~~	~~13.10.2022~~	~~13239~~	~~15:03:40~~	~~1.0~~	~~1498~~	~~7~~	~~-26.3~~	~~7.6~~	~~-1.28~~	~~-1.39~~	~~1.09~~	~~0.160752~~	~~0.001608~~	~~0.004387~~	~~0.000046~~	~~0.281547~~	~~0.000993~~	~~0.001042~~	~~0.281725~~	~~0.000460~~	~~0.000483~~	~~*b*~~	~~0.281547~~	~~0.000993~~	~~0.001042~~	~~0.281423~~	~~0.000993~~	~~0.001042~~	~~-14.5~~	~~35.3~~	~~37.0~~	~~3089~~	~~2260~~
STAI119257-111	13.10.2022	13239	15:06:39	17.3	1626	4	0.5	17.1	-1.29	-1.31	1.01	0.067037	0.000927	0.002439	0.000072	0.281902	0.000055	0.000058	0.281853	0.000027	0.000028	*a*	0.281853	0.000027	0.000028	0.281778	0.000027	0.000028	1.0	0.9	1.0	2250	60

STAI119257-112	13.10.2022	13239	15:08:04	28.7	1654	7	3.1	15.1	-1.29	-1.33	1.03	0.083409	0.001865	0.002157	0.000035	0.281926	0.000052	0.000054	0.281914	0.000024	0.000025	*a*	**0.281914**	**0.000024**	**0.000025**	**0.281846**	**0.000024**	**0.000025**	**4.1**	**0.9**	**0.9**	**2087**	**55**
~~STAI119257-113~~	~~13.10.2022~~	~~13239~~	~~15:09:29~~	~~2.8~~	~~1618~~	~~9~~	~~0.3~~	~~10.2~~	~~-1.27~~	~~-1.37~~	~~1.08~~	~~0.078082~~	~~0.002087~~	~~0.001986~~	~~0.000097~~	~~0.281725~~	~~0.000346~~	~~0.000363~~	~~0.281935~~	~~0.000153~~	~~0.000160~~	~~*b*~~	~~**0.281725**~~	~~**0.000346**~~	~~**0.000363**~~	~~**0.281664**~~	~~**0.000346**~~	~~**0.000363**~~	~~**-3.2**~~	~~**12.3**~~	~~**12.9**~~	~~**2501**~~	~~**785**~~
STAI119257-114	13.10.2022	13239	15:10:55	32.1	1232	12	-1.6	13.1	-1.31	-1.36	1.04	0.059405	0.002435	0.001494	0.000054	0.282119	0.000050	0.000052	0.282119	0.000023	0.000024	*a*	**0.282119**	**0.000023**	**0.000024**	**0.282084**	**0.000023**	**0.000024**	**2.9**	**0.8**	**0.9**	**1829**	**53**
STAI119257-115	13.10.2022	13239	15:12:19	19.4	1441	3	-11.2	16.0	-1.31	-1.34	1.02	0.104622	0.001992	0.002928	0.000094	0.281967	0.000062	0.000065	0.281936	0.000031	0.000032	*a*	**0.281936**	**0.000031**	**0.000032**	**0.281856**	**0.000031**	**0.000032**	**-0.4**	**1.1**	**1.1**	**2195**	**70**
~~STAI119257-116~~	~~13.10.2022~~	~~13239~~	~~15:13:44~~	~~1.2~~	~~973~~	~~7~~	~~-0.8~~	~~0.6~~	~~-1.31~~	~~-1.42~~	~~1.22~~	~~0.330258~~	~~0.066519~~	~~0.007414~~	~~0.001356~~	~~0.283341~~	~~0.007520~~	~~0.007896~~	~~0.284040~~	~~0.004369~~	~~0.004588~~	~~*b*~~	~~**0.283341**~~	~~**0.007520**~~	~~**0.007896**~~	~~**0.283205**~~	~~**0.007520**~~	~~**0.007896**~~	~~**36.7**~~	~~**265.5**~~	~~**278.8**~~	~~**-511**~~	~~**21996**~~
STAI119257-117	13.10.2022	13239	15:15:10	23.3	2054	4	-4.2	13.4	-1.30	-1.29	1.00	0.072043	0.003870	0.001874	0.000106	0.281668	0.000059	0.000062	0.281602	0.000030	0.000032	*b*	**0.281668**	**0.000059**	**0.000062**	**0.281595**	**0.000059**	**0.000062**	**4.4**	**2.1**	**2.2**	**2383**	**133**
~~STAI119257-118~~	~~13.10.2022~~	~~13239~~	~~15:16:35~~	~~1.3~~	~~1541~~	~~5~~	~~0.0~~	~~8.4~~	~~-1.31~~	~~-1.46~~	~~1.13~~	~~0.043869~~	~~0.006489~~	~~0.001235~~	~~0.000154~~	~~0.281919~~	~~0.000542~~	~~0.000569~~	~~0.281953~~	~~0.000247~~	~~0.000259~~	~~*a*~~	~~**0.281953**~~	~~**0.000247**~~	~~**0.000259**~~	~~**0.281917**~~	~~**0.000247**~~	~~**0.000259**~~	~~**4.0**~~	~~**8.7**~~	~~**9.2**~~	~~**2003**~~	~~**564**~~
~~STAI119257-119~~	~~13.10.2022~~	~~13239~~	~~15:18:00~~	~~9.3~~	~~2120~~	~~11~~	~~-62.4~~	~~13.5~~	~~-1.29~~	~~-1.28~~	~~0.99~~	~~0.363323~~	~~0.007984~~	~~0.008916~~	~~0.000224~~	~~0.282181~~	~~0.000178~~	~~0.000187~~	~~0.281821~~	~~0.000099~~	~~0.000104~~	~~*b*~~	~~**0.282181**~~	~~**0.000178**~~	~~**0.000187**~~	~~**0.281821**~~	~~**0.000178**~~	~~**0.000187**~~	~~**13.9**~~	~~**6.3**~~	~~**6.6**~~	~~**1859**~~	~~**406**~~
STAI119257-120	13.10.2022	13239	15:19:25	23.4	1336	7	-1.5	11.7	-1.31	-1.29	0.99	0.077844	0.002199	0.002631	0.000078	0.281921	0.000076	0.000080	0.281844	0.000038	0.000040	*b*	**0.281921**	**0.000076**	**0.000080**	**0.281854**	**0.000076**	**0.000080**	**-2.9**	**2.7**	**2.8**	**2264**	**172**

BREID119270

BREID119270-1	13.10.2022	13240	16:15:00	29.5	1540	5	0.5	12.1	-1.30	-1.35	1.03	0.058183	0.001832	0.001506	0.000044	0.281914	0.000055	0.000057	0.281910	0.000027	0.000028	*a*	**0.281910**	**0.000027**	**0.000028**	**0.281866**	**0.000027**	**0.000028**	**2.2**	**0.9**	**1.0**	**2112**	**60**
BREID119270-2	13.10.2022	13240	16:16:25	18.8	1461	4	0.6	13.4	-1.28	-1.34	1.04	0.092112	0.001286	0.002462	0.000021	0.282055	0.000066	0.000070	0.282065	0.000030	0.000031	*a*	**0.282065**	**0.000030**	**0.000031**	**0.281996**	**0.000030**	**0.000031**	**5.0**	**1.1**	**1.1**	**1879**	**68**
BREID119270-3	13.10.2022	13240	16:17:50	15.5	1348	4	0.2	20.0	-1.29	-1.31	1.01	0.032693	0.000616	0.000995	0.000019	0.282073	0.000051	0.000054	0.282060	0.000027	0.000028	*a*	**0.282060**	**0.000027**	**0.000028**	**0.282034**	**0.000027**	**0.000028**	**3.7**	**0.9**	**1.0**	**1866**	**61**
~~BREID119270-4~~	~~13.10.2022~~	~~13240~~	~~16:19:15~~	~~7.4~~	~~1817~~	~~5~~	~~-3.8~~	~~14.7~~	~~-1.29~~	~~-1.33~~	~~1.04~~	~~0.048972~~	~~0.000628~~	~~0.001353~~	~~0.000013~~	~~0.281808~~	~~0.000091~~	~~0.000096~~	~~0.281801~~	~~0.000050~~	~~0.000053~~	~~*a*~~	~~**0.281801**~~	~~**0.000050**~~	~~**0.000053**~~	~~**0.281754**~~	~~**0.000050**~~	~~**0.000053**~~	~~**4.6**~~	~~**1.8**~~	~~**1.9**~~	~~**2185**~~	~~**114**~~
BREID119270-5	13.10.2022	13240	16:20:41	35.5	1993	4	1.1	11.7	-1.30	-1.35	1.03	0.043210	0.000488	0.001102	0.000011	0.281249	0.000050	0.000052	0.281249	0.000027	0.000029	*a*	**0.281249**	**0.000027**	**0.000029**	**0.281207**	**0.000027**	**0.000029**	**-10.8**	**1.0**	**1.0**	**3244**	**60**
BREID119270-6	13.10.2022	13240	16:22:07	33.8	1819	7	1.5	13.6	-1.29	-1.35	1.05	0.022646	0.000188	0.000687	0.000012	0.281695	0.000047	0.000049	0.281703	0.000023	0.000024	*a*	**0.281703**	**0.000023**	**0.000024**	**0.281679**	**0.000023**	**0.000024**	**2.0**	**0.8**	**0.9**	**2345**	**52**
BREID119270-7	13.10.2022	13240	16:23:32	27.6	1427	18	-16.1	7.5	-1.33	-1.30	0.98	0.036070	0.000615	0.001209	0.000016	0.282177	0.000085	0.000089	0.282137	0.000041	0.000043	*a*	**0.282137**	**0.000041**	**0.000043**	**0.282104**	**0.000041**	**0.000043**	**8.0**	**1.4**	**1.5**	**1665**	**93**
BREID119270-8	13.10.2022	13240	16:24:57	17.7	1570	6	-29.3	15.9	-1.30	-1.31	1.01	0.098206	0.001788	0.002344	0.000059	0.281955	0.000065	0.000069	0.281908	0.000034	0.000035	*a*	**0.281908**	**0.000034**	**0.000035**	**0.281839**	**0.000034**	**0.000035**	**1.9**	**1.2**	**1.3**	**2155**	**77**
BREID119270-9	13.10.2022	13240	16:26:22	19.7	1223	10	1.9	12.7	-1.29	-1.30	1.01	0.067940	0.002224	0.001545	0.000055	0.282164	0.000070	0.000073	0.282134	0.000035	0.000036	*a*	**0.282134**	**0.000035**	**0.000036**	**0.282098**	**0.000035**	**0.000036**	**3.2**	**1.2**	**1.3**	**1804**	**79**
~~BREID119270-10~~	~~13.10.2022~~	~~13240~~	~~16:27:47~~	~~10.1~~	~~1436~~	~~7~~	~~-29.3~~	~~18.1~~	~~-1.29~~	~~-1.31~~	~~1.01~~	~~0.090374~~	~~0.002633~~	~~0.002421~~	~~0.000062~~	~~0.281948~~	~~0.000076~~	~~0.000080~~	~~0.281893~~	~~0.000042~~	~~0.000044~~	~~*a*~~	~~**0.281893**~~	~~**0.000042**~~	~~**0.000044**~~	~~**0.281827**~~	~~**0.000042**~~	~~**0.000044**~~	~~**-1.6**~~	~~**1.5**~~	~~**1.6**~~	~~**2261**~~	~~**96**~~
~~BREID119270-11~~	~~13.10.2022~~	~~13240~~	~~16:30:42~~	~~7.5~~	~~1650~~	~~6~~	~~-9.3~~	~~15.8~~	~~-1.31~~	~~-1.31~~	~~1.01~~	~~0.062269~~	~~0.001725~~	~~0.001762~~	~~0.000034~~	~~0.281785~~	~~0.000106~~	~~0.000111~~	~~0.281747~~	~~0.000056~~	~~0.000058~~	~~*a*~~	~~**0.281747**~~	~~**0.000056**~~	~~**0.000058**~~	~~**0.281691**~~	~~**0.000056**~~	~~**0.000058**~~	~~**-1.5**~~	~~**2.0**~~	~~**2.1**~~	~~**2422**~~	~~**126**~~
BREID119270-12	13.10.2022	13240	16:32:09	19.1	2765	5	-3.1	13.3	-1.29	-1.32	1.03	0.026071	0.000732	0.000682	0.000015	0.281027	0.000064	0.000067	0.281027	0.000034	0.000036	*a*	**0.281027**	**0.000034**	**0.000036**	**0.280991**	**0.000034**	**0.000036**	**-0.5**	**1.2**	**1.3**	**3236**	**75**
BREID119270-13	13.10.2022	13240	16:33:34	16.3	1909	4	0.2	15.5	-1.29	-1.36	1.04	0.017202	0.000094	0.000421	0.000007	0.281526	0.000053	0.000055	0.281534	0.000029	0.000030	*a*	**0.281534**	**0.000029**	**0.000030**	**0.281519**	**0.000029**	**0.000030**	**-1.7**	**1.0**	**1.1**	**2634**	**64**
BREID119270-14	13.10.2022	13240	16:34:59	16.4	1684	7	-36.4	13.4	-1.30	-1.31	1.00	0.059908	0.000961	0.001782	0.000031	0.282245	0.000071	0.000075	0.282207	0.000039	0.000041	*a*	**0.282207**	**0.000039**	**0.000041**	**0.282150**	**0.000039**	**0.000041**	**15.6**	**1.4**	**1.5**	**1408**	**90**
~~BREID119270-16~~	~~13.10.2022~~	~~13240~~	~~16:36:23~~	~~10.1~~	~~1639~~	~~4~~	~~-14.9~~	~~14.0~~	~~-1.31~~	~~-1.33~~	~~1.02~~	~~0.111765~~	~~0.001103~~	~~0.003373~~	~~0.000057~~	~~0.281975~~	~~0.000101~~	~~0.000106~~	~~0.281930~~	~~0.000049~~	~~0.000052~~	~~*a*~~	~~**0.281930**~~	~~**0.000049**~~	~~**0.000052**~~	~~**0.281825**~~	~~**0.000049**~~	~~**0.000052**~~	~~**3.0**~~	~~**1.8**~~	~~**1.8**~~	~~**2141**~~	~~**112**~~
BREID119270-17	13.10.2022	13240	16:37:49	26.4	1636	6	0.4	10.8	-1.31	-1.29	0.98	0.027668	0.000297	0.000858	0.000014	0.281781	0.000059	0.000062	0.281763	0.000031	0.000032	*a*	**0.281763**	**0.000031**	**0.000032**	**0.281737**	**0.000031**	**0.000032**	**-0.2**	**1.1**	**1.1**	**2334**	**69**
BREID119270-18	13.10.2022	13240	16:39:14	23.2	1334	6	-2.8	16.8	-1.31	-1.29	0.99	0.031955	0.000760	0.000873	0.000006	0.282118	0.000050	0.000052	0.282096	0.000024	0.000025	*a*	**0.282096**	**0.000024**	**0.000025**	**0.282074**	**0.000024**	**0.000025**	**4.8**	**0.8**	**0.9**	**1788**	**54**
~~BREID119270-19~~	~~13.10.2022~~	~~13240~~	~~16:40:39~~	~~12.5~~	~~1497~~	~~5~~	~~-2.0~~	~~12.5~~	~~-1.30~~	~~-1.30~~	~~1.01~~	~~0.041512~~	~~0.001716~~	~~0.001186~~	~~0.000063~~	~~0.281844~~	~~0.000086~~	~~0.000090~~	~~0.281824~~	~~0.000045~~	~~0.000047~~	~~*a*~~	~~**0.281824**~~	~~**0.000045**~~	~~**0.000047**~~	~~**0.281790**~~	~~**0.000045**~~	~~**0.000047**~~	~~**-1.5**~~	~~**1.6**~~	~~**1.7**~~	~~**2304**~~	~~**102**~~
~~BREID119270-20~~	~~13.10.2022~~	~~13240~~	~~16:42:04~~	~~6.3~~	~~1265~~	~~14~~	~~-0.3~~	~~11.3~~	~~-1.29~~	~~-1.31~~	~~1.02~~	~~0.056911~~	~~0.000992~~	~~0.001449~~	~~0.000049~~	~~0.282075~~	~~0.000141~~	~~0.000148~~	~~0.282058~~	~~0.000065~~	~~0.000068~~	~~*a*~~	~~**0.282058**~~	~~**0.000065**~~	~~**0.000068**~~	~~**0.282024**~~	~~**0.000065**~~	~~**0.000068**~~	~~**1.5**~~	~~**2.3**~~	~~**2.4**~~	~~**1941**~~	~~**149**~~

BREID119270-21	13.10.2022	13240	16:45:00	24.1	1453	4	1.3	14.7	-1.30	-1.33	1.02	0.026465	0.000433	0.000836	0.000021	0.281958	0.000048	0.000050	0.281967	0.000029	0.000030	*a*	**0.281967**	**0.000029**	**0.000030**	**0.281944**	**0.000029**	**0.000030**	**2.9**	**1.0**	**1.1**	**1998**	**65**
BREID119270-22	13.10.2022	13240	16:46:26	41.1	2063	4	-0.6	11.3	-1.31	-1.32	1.01	0.017193	0.000109	0.000447	0.000001	0.281493	0.000049	0.000051	0.281501	0.000025	0.000026	*a*	**0.281501**	**0.000025**	**0.000026**	**0.281483**	**0.000025**	**0.000026**	**0.6**	**0.9**	**0.9**	**2617**	**56**
BREID119270-23	13.10.2022	13240	16:47:51	19.9	1507	4	-1.0	13.3	-1.31	-1.29	0.99	0.073525	0.002400	0.002166	0.000071	0.282005	0.000071	0.000074	0.281928	0.000035	0.000036	*b*	**0.282005**	**0.000071**	**0.000074**	**0.281943**	**0.000071**	**0.000074**	**4.2**	**2.5**	**2.6**	**1967**	**162**
~~BREID119270-24~~	~~13.10.2022~~	~~13240~~	~~16:49:15~~	~~11.7~~	~~1211~~	~~8~~	~~-7.4~~	~~14.4~~	~~-1.30~~	~~-1.31~~	~~1.00~~	~~0.128283~~	~~0.007266~~	~~0.003458~~	~~0.000135~~	~~0.282083~~	~~0.000084~~	~~0.000089~~	~~0.281976~~	~~0.000045~~	~~0.000047~~	~~*b*~~	~~**0.282083**~~	~~**0.000084**~~	~~**0.000089**~~	~~**0.282004**~~	~~**0.000084**~~	~~**0.000089**~~	~~**-0.5**~~	~~**3.0**~~	~~**3.1**~~	~~**2017**~~	~~**193**~~
~~BREID119270-25~~	~~13.10.2022~~	~~13240~~	~~16:50:40~~	~~10.5~~	~~1502~~	~~4~~	~~0.0~~	~~14.0~~	~~-1.30~~	~~-1.34~~	~~1.04~~	~~0.086351~~	~~0.001117~~	~~0.002418~~	~~0.000024~~	~~0.282015~~	~~0.000095~~	~~0.000099~~	~~0.282022~~	~~0.000043~~	~~0.000045~~	~~*a*~~	~~**0.282022**~~	~~**0.000043**~~	~~**0.000045**~~	~~**0.281953**~~	~~**0.000043**~~	~~**0.000045**~~	~~**4.4**~~	~~**1.5**~~	~~**1.6**~~	~~**1948**~~	~~**97**~~
~~BREID119270-26~~	~~13.10.2022~~	~~13240~~	~~16:52:05~~	~~2.9~~	~~1916~~	~~3~~	~~-13.3~~	~~3.6~~	~~-1.38~~	~~-0.63~~	~~0.92~~	~~0.076138~~	~~0.004855~~	~~0.002672~~	~~0.000051~~	~~0.282022~~	~~0.003696~~	~~0.003881~~	~~0.281545~~	~~0.001415~~	~~0.001486~~	~~*b*~~	~~**0.282022**~~	~~**0.003696**~~	~~**0.003881**~~	~~**0.281925**~~	~~**0.003696**~~	~~**0.003881**~~	~~**12.9**~~	~~**131.1**~~	~~**137.7**~~	~~**1757**~~	~~**9146**~~
~~BREID119270-27~~	~~13.10.2022~~	~~13240~~	~~16:53:31~~	~~2.6~~	~~1847~~	~~5~~	~~-16.7~~	~~3.0~~	~~-1.27~~	~~-0.50~~	~~0.38~~	~~0.049494~~	~~0.006785~~	~~0.001378~~	~~0.000155~~	~~0.281961~~	~~0.000681~~	~~0.000715~~	~~0.281531~~	~~0.000251~~	~~0.000263~~	~~*a*~~	~~**0.281531**~~	~~**0.000251**~~	~~**0.000263**~~	~~**0.281482**~~	~~**0.000251**~~	~~**0.000263**~~	~~**-4.4**~~	~~**8.9**~~	~~**9.4**~~	~~**2749**~~	~~**563**~~
BREID119270-28	13.10.2022	13240	16:54:57	34.5	1210	8	-0.3	12.8	-1.29	-1.28	1.00	0.048470	0.001067	0.001593	0.000061	0.282179	0.000051	0.000054	0.282152	0.000026	0.000027	*a*	**0.282152**	**0.000026**	**0.000027**	**0.282116**	**0.000026**	**0.000027**	**3.5**	**0.9**	**1.0**	**1774**	**59**
BREID119270-29	13.10.2022	13240	16:56:22	17.7	1410	7	-37.3	10.0	-1.29	-1.28	0.99	0.123859	0.002350	0.003464	0.000058	0.281935	0.000090	0.000095	0.281813	0.000048	0.000051	*b*	**0.281935**	**0.000090**	**0.000095**	**0.281843**	**0.000090**	**0.000095**	**-1.6**	**3.2**	**3.4**	**2243**	**205**
~~BREID119270-30~~	~~13.10.2022~~	~~13240~~	~~16:57:47~~	~~3.1~~	~~1759~~	~~4~~	~~-6.8~~	~~0.7~~	~~-1.38~~	~~-1.55~~	~~0.39~~	~~0.090826~~	~~0.002987~~	~~0.002226~~	~~0.000053~~	~~0.279919~~	~~0.004888~~	~~0.005132~~	~~0.281556~~	~~0.001336~~	~~0.001403~~	~~*b*~~	~~**0.279919**~~	~~**0.004888**~~	~~**0.005132**~~	~~**0.279845**~~	~~**0.004888**~~	~~**0.005132**~~	~~**-64.6**~~	~~**174.7**~~	~~**183.4**~~	~~**6179**~~	~~**11383**~~
BREID119270-31	13.10.2022	13240	17:12:08	20.5	1337	7	0.0	13.9	-1.30	-1.32	1.00	0.032166	0.002434	0.000778	0.000041	0.282075	0.000050	0.000052	0.282058	0.000028	0.000029	*a*	**0.282058**	**0.000028**	**0.000029**	**0.282038**	**0.000028**	**0.000029**	**3.6**	**1.0**	**1.0**	**1864**	**64**
BREID119270-32	13.10.2022	13240	17:13:32	15.8	674	6	-24.4	15.9	-1.30	-1.30	1.00	0.078285	0.002961	0.002125	0.000072	0.282197	0.000062	0.000065	0.282146	0.000034	0.000035	*a*	**0.282146**	**0.000034**	**0.000035**	**0.282119**	**0.000034**	**0.000035**	**-8.5**	**1.2**	**1.2**	**2100**	**77**
BREID119270-33	13.10.2022	13240	17:14:59	24.9	1299	7	-5.3	15.3	-1.30	-1.35	1.04	0.056599	0.000227	0.001552	0.000015	0.282172	0.000050	0.000053	0.282182	0.000027	0.000029	*a*	**0.282182**	**0.000027**	**0.000029**	**0.282144**	**0.000027**	**0.000029**	**6.5**	**1.0**	**1.0**	**1656**	**63**
BREID119270-34	13.10.2022	13240	17:16:24	16.5	1551	5	-5.4	13.6	-1.29	-1.36	1.05	0.031276	0.000406	0.000923	0.000021	0.281800	0.000066	0.000070	0.281816	0.000031	0.000033	*a*	**0.281816**	**0.000031**	**0.000033**	**0.281789**	**0.000031**	**0.000033**	**-0.3**	**1.1**	**1.2**	**2272**	**71**
~~BREID119270-35~~	~~13.10.2022~~	~~13240~~	~~17:17:48~~	~~12.4~~	~~2002~~	~~9~~	~~-0.9~~	~~9.7~~	~~-1.30~~	~~-1.35~~	~~1.04~~	~~0.020675~~	~~0.000288~~	~~0.000700~~	~~0.000008~~	~~0.281468~~	~~0.000116~~	~~0.000122~~	~~0.281476~~	~~0.000058~~	~~0.000061~~	~~*a*~~	~~**0.281476**~~	~~**0.000058**~~	~~**0.000061**~~	~~**0.281449**~~	~~**0.000058**~~	~~**0.000061**~~	~~**-2.0**~~	~~**2.1**~~	~~**2.2**~~	~~**2726**~~	~~**130**~~
~~BREID119270-36~~	~~13.10.2022~~	~~13240~~	~~17:19:13~~	~~8.4~~	~~1361~~	~~10~~	~~-3.3~~	~~9.9~~	~~-1.29~~	~~-1.30~~	~~0.99~~	~~0.037278~~	~~0.000635~~	~~0.001316~~	~~0.000022~~	~~0.281938~~	~~0.000113~~	~~0.000118~~	~~0.281909~~	~~0.000061~~	~~0.000064~~	~~*a*~~	~~**0.281909**~~	~~**0.000061**~~	~~**0.000064**~~	~~**0.281875**~~	~~**0.000061**~~	~~**0.000064**~~	~~**-1.6**~~	~~**2.1**~~	~~**2.3**~~	~~**2204**~~	~~**138**~~
BREID119270-37	13.10.2022	13240	17:20:40	29.7	1320	14	-10.4	11.3	-1.30	-1.28	0.98	0.025658	0.000544	0.000845	0.000021	0.282119	0.000058	0.000061	0.282084	0.000031	0.000032	*a*	**0.282084**	**0.000031**	**0.000032**	**0.282062**	**0.000031**	**0.000032**	**4.1**	**1.1**	**1.1**	**1822**	**70**
BREID119270-38	13.10.2022	13240	17:22:05	30.5	1112	6	0.0	14.0	-1.30	-1.30	1.00	0.040369	0.000142	0.001093	0.000010	0.282211	0.000051	0.000054	0.282184	0.000025	0.000026	*a*	**0.282184**	**0.000025**	**0.000026**	**0.282161**	**0.000025**	**0.000026**	**2.9**	**0.9**	**0.9**	**1735**	**57**
BREID119270-39	13.10.2022	13240	17:23:30	20.3	1711	8	-18.1	17.2	-1.30	-1.31	1.01	0.219020	0.002387	0.005649	0.000106	0.281976	0.000075	0.000078	0.281847	0.000036	0.000038	*b*	**0.281976**	**0.000075**	**0.000078**	**0.281792**	**0.000075**	**0.000078**	**3.5**	**2.7**	**2.8**	**2168**	**169**
BREID119270-40	13.10.2022	13240	17:24:55	18.9	1760	6	-1.7	12.4	-1.29	-1.32	1.02	0.081793	0.002013	0.002426	0.000017	0.281905	0.000076	0.000079	0.281892	0.000037	0.000039	*a*	**0.281892**	**0.000037**	**0.000039**	**0.281810**	**0.000037**	**0.000039**	**5.2**	**1.3**	**1.4**	**2099**	**84**
~~BREID119270-41~~	~~13.10.2022~~	~~13240~~	~~17:27:50~~	~~10.9~~	~~2772~~	~~6~~	~~-0.7~~	~~13.5~~	~~-1.30~~	~~-1.38~~	~~1.07~~	~~0.012346~~	~~0.000228~~	~~0.000345~~	~~0.000011~~	~~0.281121~~	~~0.000084~~	~~0.000088~~	~~0.281130~~	~~0.000046~~	~~0.000048~~	~~*a*~~	~~**0.281130**~~	~~**0.000046**~~	~~**0.000048**~~	~~**0.281111**~~	~~**0.000046**~~	~~**0.000048**~~	~~**4.0**~~	~~**1.6**~~	~~**1.7**~~	~~**2980**~~	~~**102**~~
BREID119270-42	13.10.2022	13240	17:29:16	23.0	2763	9	-0.4	8.7	-1.31	-1.43	1.10	0.022389	0.000386	0.000612	0.000013	0.281034	0.000082	0.000086	0.281068	0.000037	0.000039	*a*	**0.281068**	**0.000037**	**0.000039**	**0.281036**	**0.000037**	**0.000039**	**1.0**	**1.3**	**1.4**	**3144**	**81**
BREID119270-43	13.10.2022	13240	17:30:41	20.6	2856	12	-0.7	9.1	-1.31	-1.17	0.89	0.002574	0.000156	0.000054	0.000003	0.280949	0.000081	0.000085	0.281001	0.000041	0.000043	*a*	**0.281001**	**0.000041**	**0.000043**	**0.280998**	**0.000041**	**0.000043**	**1.9**	**1.5**	**1.5**	**3168**	**90**
BREID119270-44	13.10.2022	13240	17:32:05	16.7	1512	8	-2.8	15.5	-1.31	-1.30	1.00	0.033807	0.000705	0.000929	0.000030	0.282057	0.000058	0.000061	0.282025	0.000032	0.000034	*a*	**0.282025**	**0.000032**	**0.000034**	**0.281998**	**0.000032**	**0.000034**	**6.2**	**1.1**	**1.2**	**1844**	**73**
~~BREID119270-45~~	~~13.10.2022~~	~~13240~~	~~17:33:31~~	~~13.4~~	~~1399~~	~~9~~	~~-4.9~~	~~16.5~~	~~-1.30~~	~~-1.31~~	~~1.01~~	~~0.029720~~	~~0.002018~~	~~0.000866~~	~~0.000033~~	~~0.281941~~	~~0.000058~~	~~0.000061~~	~~0.281945~~	~~0.000033~~	~~0.000035~~	~~*a*~~	~~**0.281945**~~	~~**0.000033**~~	~~**0.000035**~~	~~**0.281922**~~	~~**0.000033**~~	~~**0.000035**~~	~~**0.9**~~	~~**1.2**~~	~~**1.2**~~	~~**2079**~~	~~**76**~~
BREID119270-46	13.10.2022	13240	17:34:57	16.7	1986	64	-57.4	17.0	-1.29	-1.31	1.02	0.400774	0.004225	0.008421	0.000108	0.282343	0.000102	0.000108	0.282216	0.000056	0.000058	*b*	**0.282343**	**0.000102**	**0.000108**	**0.282025**	**0.000102**	**0.000108**	**18.1**	**3.6**	**3.8**	**1497**	**235**
~~BREID119270-47~~	~~13.10.2022~~	~~13240~~	~~17:36:21~~	~~12.3~~	~~3165~~	~~24~~	~~-65.4~~	~~3.9~~	~~-1.30~~	~~-1.33~~	~~1.02~~	~~0.037452~~	~~0.003190~~	~~0.001155~~	~~0.000115~~	~~0.281907~~	~~0.000269~~	~~0.000283~~	~~0.281898~~	~~0.000103~~	~~0.000109~~	~~*a*~~	~~**0.281898**~~	~~**0.000103**~~	~~**0.000109**~~	~~**0.281827**~~	~~**0.000104**~~	~~**0.000109**~~	~~**38.7**~~	~~**3.7**~~	~~**3.9**~~	~~**1227**~~	~~**235**~~
BREID119270-48	13.10.2022	13240	17:37:47	19.8	1602	7	-0.2	12.5	-1.28	-1.30	1.01	0.036935	0.002051	0.000915	0.000047	0.281964	0.000058	0.000061	0.281964	0.000031	0.000033	*a*	**0.281964**	**0.000031**	**0.000033**	**0.281936**	**0.000032**	**0.000033**	**6.1**	**1.1**	**1.2**	**1924**	**72**
BREID119270-49	13.10.2022	13240	17:39:12	33.3	1693	5	-1.7	15.2	-1.30	-1.31	1.01	0.032293	0.000777	0.000836	0.000020	0.281862	0.000039	0.000041	0.281848	0.000022	0.000023	*a*	**0.281848**	**0.000022**	**0.000023**	**0.281821**	**0.000022**	**0.000023**	**4.1**	**0.8**	**0.8**	**2117**	**51**
BREID119270-50	13.10.2022	13240	17:40:37	41.0	1356	10	2.3	13.0	-1.30	-1.34	1.03	0.040977	0.000309	0.001196	0.000021	0.282056	0.000043	0.000045	0.282059	0.000023	0.000024	*a*	**0.282059**	**0.000023**	**0.000024**	**0.282029**	**0.000023**	**0.000024**	**3.7**	**0.8**	**0.8**	**1874**	**52**

~~BREID119270-51~~	~~13.10.2022~~	~~13240~~	~~17:43:33~~	~~14.5~~	~~1428~~	~~7~~	~~-13.3~~	~~13.8~~	~~-1.30~~	~~-1.34~~	~~1.03~~	~~0.058453~~	~~0.000490~~	~~0.001740~~	~~0.000021~~	~~0.282117~~	~~0.000076~~	~~0.000080~~	~~0.282097~~	~~0.000038~~	~~0.000040~~	~~*a*~~	~~**0.282097**~~	~~**0.000038**~~	~~**0.000040**~~	~~**0.282050**~~	~~**0.000038**~~	~~**0.000040**~~	~~**6.1**~~	~~**1.3**~~	~~**1.4**~~	~~**1783**~~	~~**87**~~
~~BREID119270-52~~	~~13.10.2022~~	~~13240~~	~~17:44:57~~	~~11.1~~	~~1760~~	~~4~~	~~-1.3~~	~~12.6~~	~~-1.30~~	~~-1.28~~	~~0.99~~	~~0.094864~~	~~0.003378~~	~~0.002531~~	~~0.000111~~	~~0.281761~~	~~0.000101~~	~~0.000106~~	~~0.281655~~	~~0.000049~~	~~0.000052~~	~~*b*~~	~~**0.281761**~~	~~**0.000101**~~	~~**0.000106**~~	~~**0.281677**~~	~~**0.000101**~~	~~**0.000106**~~	~~**0.5**~~	~~**3.6**~~	~~**3.8**~~	~~**2386**~~	~~**228**~~
BREID119270-53	13.10.2022	13240	17:46:24	37.7	1703	6	-1.2	11.3	-1.30	-1.35	1.03	0.031059	0.000489	0.000855	0.000015	0.281736	0.000051	0.000054	0.281740	0.000024	0.000025	*a*	**0.281740**	**0.000024**	**0.000025**	**0.281713**	**0.000024**	**0.000025**	**0.5**	**0.9**	**0.9**	**2344**	**54**
~~BREID119270-54~~	~~13.10.2022~~	~~13240~~	~~17:47:48~~	~~9.0~~	~~2713~~	~~6~~	~~-1.3~~	~~9.2~~	~~-1.30~~	~~-1.35~~	~~1.04~~	~~0.082399~~	~~0.005709~~	~~0.002215~~	~~0.000101~~	~~0.281352~~	~~0.000141~~	~~0.000148~~	~~0.281338~~	~~0.000062~~	~~0.000065~~	~~*a*~~	~~**0.281338**~~	~~**0.000062**~~	~~**0.000065**~~	~~**0.281223**~~	~~**0.000062**~~	~~**0.000065**~~	~~**6.5**~~	~~**2.2**~~	~~**2.3**~~	~~**2781**~~	~~**137**~~
BREID119270-55	13.10.2022	13240	17:49:14	28.7	2127	19	-47.9	21.0	-1.28	-1.30	1.01	0.336981	0.003556	0.007194	0.000087	0.281833	0.000062	0.000065	0.281694	0.000030	0.000032	*b*	**0.281833**	**0.000062**	**0.000065**	**0.281542**	**0.000062**	**0.000065**	**4.2**	2.2	2.3	2454	138
BREID119270-56	13.10.2022	13240	17:50:39	27.8	2685	7	-0.9	11.6	-1.29	-1.32	1.03	0.074086	0.001354	0.001640	0.000031	0.281050	0.000068	0.000071	0.281044	0.000033	0.000035	*a*	**0.281044**	**0.000033**	**0.000035**	**0.280960**	**0.000034**	**0.000035**	**-3.5**	**1.2**	**1.3**	**3349**	**73**
~~BREID119270-57~~	~~13.10.2022~~	~~13240~~	~~17:52:03~~	~~5.2~~	~~1705~~	~~8~~	~~-0.3~~	~~0.7~~	~~-1.51~~	~~-1.33~~	~~0.95~~	~~0.233599~~	~~0.006222~~	~~0.003377~~	~~0.000049~~	~~0.282637~~	~~0.002916~~	~~0.003062~~	~~0.282056~~	~~0.001064~~	~~0.001117~~	~~*b*~~	~~**0.282637**~~	~~**0.002916**~~	~~**0.003062**~~	~~**0.282527**~~	~~**0.002916**~~	~~**0.003062**~~	~~**29.4**~~	~~**103.2**~~	~~**108.4**~~	~~**564**~~	~~**7272**~~
BREID119270-58	13.10.2022	13240	17:53:30	23.4	1141	5	-28.2	20.4	-1.29	-1.30	1.01	0.098796	0.000822	0.003184	0.000039	0.282055	0.000045	0.000048	0.281994	0.000026	0.000027	*b*	0.282055	0.000045	0.000048	0.281986	0.000045	0.000048	**-2.7**	1.6	1.7	2099	104
~~BREID119270-59~~	~~13.10.2022~~	~~13240~~	~~17:54:54~~	~~6.8~~	~~1453~~	~~7~~	~~0.6~~	~~8.8~~	~~-1.32~~	~~-1.35~~	~~1.02~~	~~0.054796~~	~~0.000609~~	~~0.001559~~	~~0.000005~~	~~0.281965~~	~~0.000186~~	~~0.000196~~	~~0.281947~~	~~0.000074~~	~~0.000077~~	~~*a*~~	~~**0.281947**~~	~~**0.000074**~~	~~**0.000077**~~	~~**0.281904**~~	~~**0.000074**~~	~~**0.000077**~~	~~**1.5**~~	~~**2.6**~~	~~**2.7**~~	~~**2084**~~	~~**168**~~
BREID119270-60	13.10.2022	13240	17:56:19	17.4	1790	9	-7.6	8.4	-1.29	-1.30	1.01	0.102462	0.001321	0.003307	0.000024	0.281723	0.000114	0.000120	0.281661	0.000052	0.000055	*b*	**0.281723**	**0.000114**	**0.000120**	**0.281610**	**0.000114**	**0.000120**	**-1.2**	**4.1**	**4.3**	**2511**	**258**
~~BREID119270-62~~	~~13.10.2022~~	~~13240~~	~~18:10:39~~	~~3.5~~	~~1237~~	~~10~~	~~-0.7~~	~~2.9~~	~~-1.34~~	~~-1.49~~	~~1.11~~	~~0.092707~~	~~0.015032~~	~~0.001849~~	~~0.000171~~	~~0.282257~~	~~0.001511~~	~~0.001586~~	~~0.282183~~	~~0.001166~~	~~0.001224~~	~~*b*~~	~~**0.282257**~~	~~**0.001511**~~	~~**0.001586**~~	~~**0.282213**~~	~~**0.001511**~~	~~**0.001586**~~	~~**7.6**~~	~~**53.5**~~	~~**56.2**~~	~~**1544**~~	~~**3594**~~
BREID119270-63	13.10.2022	13240	18:12:05	17.2	1151	11	-4.4	14.6	-1.26	-1.25	1.00	0.099484	0.003618	0.002293	0.000093	0.282270	0.000069	0.000073	0.282174	0.000034	0.000036	*b*	**0.282270**	**0.000069**	**0.000073**	**0.282220**	**0.000069**	**0.000073**	**5.8**	**2.5**	**2.6**	**1583**	**160**
~~BREID119270-64~~	~~13.10.2022~~	~~13240~~	~~18:13:30~~	~~9.8~~	~~1170~~	~~5~~	~~-1.6~~	~~9.1~~	~~-1.29~~	~~-1.40~~	~~1.08~~	~~0.031202~~	~~0.000572~~	~~0.001048~~	~~0.000012~~	~~0.282136~~	~~0.000112~~	~~0.000118~~	~~0.282147~~	~~0.000058~~	~~0.000061~~	~~*a*~~	~~**0.282147**~~	~~**0.000058**~~	~~**0.000061**~~	~~**0.282124**~~	~~**0.000058**~~	~~**0.000061**~~	~~**2.9**~~	~~**2.1**~~	~~**2.2**~~	~~**1780**~~	~~**134**~~
BREID119270-66	13.10.2022	13240	18:14:56	22.7	526	3	-14.4	10.6	-1.29	-1.28	0.99	0.047859	0.000318	0.001436	0.000023	0.282302	0.000074	0.000078	0.282251	0.000034	0.000036	*a*	0.282251	0.000034	0.000036	0.282237	0.000034	0.000036	**-7.7**	1.2	1.3	1936	78
BREID119270-67	13.10.2022	13240	18:16:21	17.5	1872	15	-3.3	12.2	-1.30	-1.37	1.06	0.016016	0.000983	0.000471	0.000041	0.281655	0.000072	0.000076	0.281673	0.000037	0.000039	*a*	**0.281673**	**0.000037**	**0.000039**	**0.281656**	**0.000037**	**0.000039**	**2.4**	**1.3**	**1.4**	**2363**	**83**
~~BREID119270-68~~	~~13.10.2022~~	~~13240~~	~~18:17:46~~	~~13.3~~	~~1195~~	~~7~~	~~-0.7~~	~~12.1~~	~~-1.31~~	~~-1.28~~	~~0.98~~	~~0.021264~~	~~0.000802~~	~~0.000675~~	~~0.000021~~	~~0.282184~~	~~0.000086~~	~~0.000091~~	~~0.282188~~	~~0.000040~~	~~0.000042~~	~~*a*~~	~~**0.282188**~~	~~**0.000040**~~	~~**0.000042**~~	~~**0.282172**~~	~~**0.000040**~~	~~**0.000042**~~	~~**5.2**~~	~~**1.4**~~	~~**1.5**~~	~~**1659**~~	~~**91**~~
~~BREID119270-69~~	~~13.10.2022~~	~~13240~~	~~18:19:11~~	~~8.5~~	~~1222~~	~~9~~	~~-0.3~~	~~12.0~~	~~-1.31~~	~~-1.28~~	~~0.98~~	~~0.022251~~	~~0.000297~~	~~0.000636~~	~~0.000005~~	~~0.282035~~	~~0.000087~~	~~0.000092~~	~~0.282001~~	~~0.000046~~	~~0.000048~~	~~*a*~~	~~**0.282001**~~	~~**0.000046**~~	~~**0.000048**~~	~~**0.281986**~~	~~**0.000046**~~	~~**0.000048**~~	~~**-0.8**~~	~~**1.6**~~	~~**1.7**~~	~~**2048**~~	~~**104**~~
BREID119270-70	13.10.2022	13240	18:20:36	15.8	948	5	-1.6	17.2	-1.30	-1.31	1.01	0.073405	0.001698	0.001776	0.000018	0.282269	0.000060	0.000063	0.282229	0.000032	0.000034	*a*	**0.282229**	**0.000032**	**0.000034**	**0.282197**	**0.000032**	**0.000034**	**0.4**	**1.1**	**1.2**	**1759**	**74**
~~BREID119270-71~~	~~13.10.2022~~	~~13240~~	~~18:23:32~~	~~12.8~~	~~2731~~	~~4~~	~~-0.8~~	~~10.2~~	~~-1.30~~	~~-1.37~~	~~1.06~~	~~0.015581~~	~~0.000474~~	~~0.000459~~	~~0.000010~~	~~0.280884~~	~~0.000090~~	~~0.000095~~	~~0.280892~~	~~0.000048~~	~~0.000050~~	~~*a*~~	~~**0.280892**~~	~~**0.000048**~~	~~**0.000050**~~	~~**0.280868**~~	~~**0.000048**~~	~~**0.000050**~~	~~**-5.7**~~	~~**1.7**~~	~~**1.8**~~	~~**3513**~~	~~**104**~~
BREID119270-72	13.10.2022	13240	18:24:58	27.2	586	5	-0.4	15.5	-1.28	-1.32	1.03	0.078399	0.001770	0.002559	0.000059	0.282731	0.000057	0.000060	0.282738	0.000027	0.000028	*a*	**0.282738**	**0.000027**	**0.000028**	**0.282710**	**0.000027**	**0.000028**	**10.4**	**0.9**	**1.0**	**849**	**63**
BREID119270-73	13.10.2022	13240	18:26:23	18.1	2336	36	-65.0	13.4	-1.29	-1.31	1.02	0.102452	0.002600	0.002864	0.000071	0.281812	0.000070	0.000073	0.281791	0.000030	0.000032	*a*	0.281791	0.000030	0.000032	0.281663	0.000030	0.000032	**13.4**	1.1	1.1	2069	68
~~BREID119270-74~~	~~13.10.2022~~	~~13240~~	~~18:27:48~~	~~12.1~~	~~2563~~	~~3~~	~~-7.8~~	~~13.7~~	~~-1.29~~	~~-1.31~~	~~1.01~~	~~0.055274~~	~~0.002286~~	~~0.001360~~	~~0.000033~~	~~0.280976~~	~~0.000077~~	~~0.000081~~	~~0.280933~~	~~0.000038~~	~~0.000040~~	~~*a*~~	~~**0.280933**~~	~~**0.000038**~~	~~**0.000040**~~	~~**0.280866**~~	~~**0.000038**~~	~~**0.000040**~~	~~**-9.7**~~	~~**1.4**~~	~~**1.4**~~	~~**3615**~~	~~**84**~~
~~BREID119270-75~~	~~13.10.2022~~	~~13240~~	~~18:29:13~~	~~8.9~~	~~1417~~	~~10~~	~~-6.5~~	~~5.5~~	~~-1.27~~	~~-1.25~~	~~0.99~~	~~0.034019~~	~~0.000422~~	~~0.001218~~	~~0.000008~~	~~0.281947~~	~~0.000173~~	~~0.000181~~	~~0.281939~~	~~0.000081~~	~~0.000085~~	~~*a*~~	~~**0.281939**~~	~~**0.000081**~~	~~**0.000085**~~	~~**0.281907**~~	~~**0.000081**~~	~~**0.000085**~~	~~**0.8**~~	~~**2.9**~~	~~**3.0**~~	~~**2101**~~	~~**185**~~
~~BREID119270-77~~	~~13.10.2022~~	~~13240~~	~~18:30:39~~	~~6.1~~	~~1493~~	~~19~~	~~-1.4~~	~~3.7~~	~~-1.28~~	~~-1.53~~	~~1.20~~	~~0.033296~~	~~0.000264~~	~~0.001393~~	~~0.000007~~	~~0.281913~~	~~0.000384~~	~~0.000404~~	~~0.281929~~	~~0.000165~~	~~0.000173~~	~~*a*~~	~~**0.281929**~~	~~**0.000165**~~	~~**0.000173**~~	~~**0.281890**~~	~~**0.000165**~~	~~**0.000173**~~	~~**1.9**~~	~~**5.9**~~	~~**6.2**~~	~~**2090**~~	~~**377**~~
~~BREID119270-78~~	~~13.10.2022~~	~~13240~~	~~18:32:03~~	~~5.3~~	~~1541~~	~~6~~	~~-5.8~~	~~7.6~~	~~-1.27~~	~~-1.30~~	~~1.01~~	~~0.228704~~	~~0.018099~~	~~0.006081~~	~~0.000314~~	~~0.282172~~	~~0.000247~~	~~0.000260~~	~~0.282140~~	~~0.000149~~	~~0.000156~~	~~*a*~~	~~**0.282140**~~	~~**0.000149**~~	~~**0.000156**~~	~~**0.281963**~~	~~**0.000149**~~	~~**0.000157**~~	~~**5.6**~~	~~**5.3**~~	~~**5.6**~~	~~**1903**~~	~~**341**~~
BREID119270-79	13.10.2022	13240	18:33:30	25.8	2130	5	-1.0	9.7	-1.29	-1.35	1.05	0.049842	0.000271	0.001445	0.000018	0.281304	0.000076	0.000080	0.281322	0.000035	0.000036	*a*	**0.281322**	**0.000035**	**0.000036**	**0.281263**	**0.000035**	**0.000036**	**-5.7**	**1.2**	**1.3**	**3043**	**77**
BREID119270-80	13.10.2022	13240	18:34:55	16.6	1733	4	-15.5	11.5	-1.30	-1.28	0.99	0.142948	0.001163	0.004298	0.000035	0.281871	0.000091	0.000095	0.281751	0.000040	0.000043	*b*	0.281871	0.000091	0.000095	0.281730	0.000091	0.000095	**1.8**	3.2	3.4	2289	205
~~BREID119270-81~~	~~13.10.2022~~	~~13240~~	~~18:37:51~~	~~12.5~~	~~1261~~	~~10~~	~~-31.8~~	~~19.8~~	~~-1.30~~	~~-1.28~~	~~0.98~~	~~0.078943~~	~~0.002339~~	~~0.001908~~	~~0.000041~~	~~0.281867~~	~~0.000074~~	~~0.000077~~	~~0.281784~~	~~0.000035~~	~~0.000037~~	~~*b*~~	~~0.281867~~	~~0.000074~~	~~0.000077~~	~~0.281821~~	~~0.000074~~	~~0.000077~~	~~**-5.8**~~	~~2.6~~	~~2.7~~	~~2381~~	~~167~~
BREID119270-82	13.10.2022	13240	18:39:16	29.3	1345	5	-6.6	11.6	-1.29	-1.33	1.04	0.021615	0.000127	0.000626	0.000009	0.282064	0.000058	0.000061	0.282072	0.000029	0.000030	*a*	**0.282072**	**0.000029**	**0.000030**	**0.282056**	**0.000029**	**0.000030**	**4.4**	**1.0**	**1.1**	**1821**	**66**
BREID119270-83	13.10.2022	13240	18:40:41	19.5	1758	9	2.0	12.0	-1.31	-1.32	1.01	0.135082	0.007174	0.003853	0.000198	0.281757	0.000081	0.000085	0.281663	0.000040	0.000042	*b*	**0.281757**	**0.000081**	**0.000085**	**0.281628**	**0.000081**	**0.000085**	**-1.3**	**2.9**	**3.0**	**2492**	**183**

~~BREID119270-13.10.20 84~~	~~22~~	~~13240~~	~~18:42:06~~	~~12.9~~	~~1344~~	~~5~~	~~0.3~~	~~9.5~~	~~-1.30~~	~~-1.25~~	~~0.96~~	~~0.145429~~	~~0.011091~~	~~0.003314~~	~~0.000237~~	~~0.282120~~	~~0.000137~~	~~0.000144~~	~~0.281870~~	~~0.000071~~	~~0.000074~~	~~*b*~~	~~0.282120~~	~~0.000137~~	~~0.000144~~	~~0.282036~~	~~0.000137~~	~~0.000144~~	~~3.7~~	~~4.9~~	~~5.1~~	~~1866~~	~~315~~
BREID119270-13.10.20 85	22	13240	18:43:32	26.1	1005	7	-0.6	10.0	-1.32	-1.34	1.01	0.032973	0.000379	0.001056	0.000016	0.282149	0.000073	0.000077	0.282129	0.000037	0.000039	*a*	0.282129	0.000037	0.000039	0.282109	0.000037	0.000039	-1.4	1.3	1.4	1917	85
BREID119270-13.10.20 86	22	13240	18:44:57	28.1	1020	20	1.5	11.6	-1.30	-1.31	1.01	0.031232	0.001105	0.000860	0.000042	0.282210	0.000063	0.000066	0.282180	0.000031	0.000032	*a*	0.282180	0.000031	0.000032	0.282164	0.000031	0.000032	0.9	1.1	1.1	1787	71
BREID119270-13.10.20 87	22	13240	18:46:22	24.5	1023	12	-0.4	9.8	-1.31	-1.31	1.01	0.028534	0.001424	0.000873	0.000049	0.282223	0.000075	0.000078	0.282220	0.000040	0.000042	*a*	0.282220	0.000040	0.000042	0.282203	0.000040	0.000042	2.4	1.4	1.5	1698	92
BREID119270-13.10.20 88	22	13240	18:47:48	25.4	1293	10	-2.6	11.2	-1.32	-1.27	0.97	0.029366	0.001012	0.000903	0.000035	0.282170	0.000064	0.000067	0.282123	0.000032	0.000034	*a*	0.282123	0.000032	0.000034	0.282100	0.000032	0.000034	4.8	1.1	1.2	1756	74
BREID119270-13.10.20 89	22	13240	18:49:12	16.3	1841	5	-10.7	9.5	-1.32	-1.31	1.00	0.035494	0.000682	0.001042	0.000009	0.281789	0.000103	0.000108	0.281745	0.000047	0.000050	*a*	0.281745	0.000047	0.000050	0.281708	0.000047	0.000050	3.5	1.7	1.8	2270	106
BREID119270-13.10.20 90	22	13240	18:50:38	41.1	1183	7	-1.1	10.8	-1.31	-1.34	1.03	0.031153	0.000284	0.000959	0.000013	0.282115	0.000052	0.000054	0.282109	0.000027	0.000028	*a*	0.282109	0.000027	0.000028	0.282088	0.000027	0.000028	1.9	1.0	1.0	1852	62
BREID119270-13.10.20 91	22	13240	19:04:58	23.6	2604	3	-2.7	9.9	-1.32	-1.33	1.01	0.046740	0.001124	0.001550	0.000039	0.281007	0.000080	0.000084	0.280985	0.000040	0.000042	*a*	0.280985	0.000040	0.000042	0.280908	0.000040	0.000042	-7.2	1.4	1.5	3505	88
BREID119270-13.10.20 92	22	13240	19:06:23	17.6	1520	5	-25.2	12.5	-1.31	-1.32	1.01	0.093155	0.003816	0.002750	0.000063	0.281867	0.000074	0.000078	0.281822	0.000037	0.000039	*a*	0.281822	0.000037	0.000039	0.281743	0.000037	0.000039	-2.7	1.3	1.4	2391	84
~~BREID119270-13.10.20 93~~	~~22~~	~~13240~~	~~19:07:47~~	~~10.9~~	~~2613~~	~~3~~	~~-14.0~~	~~8.3~~	~~-1.31~~	~~-1.28~~	~~0.98~~	~~0.045775~~	~~0.001456~~	~~0.001379~~	~~0.000027~~	~~0.281164~~	~~0.000125~~	~~0.000131~~	~~0.281114~~	~~0.000062~~	~~0.000065~~	~~*a*~~	~~0.281114~~	~~0.000062~~	~~0.000065~~	~~0.281045~~	~~0.000062~~	~~0.000065~~	~~-2.1~~	~~2.2~~	~~2.3~~	~~3212~~	~~136~~
~~BREID119270-13.10.20 94~~	~~22~~	~~13240~~	~~19:09:12~~	~~6.2~~	~~1088~~	~~8~~	~~-13.5~~	~~1.8~~	~~-1.40~~	~~-1.31~~	~~0.95~~	~~0.100163~~	~~0.004859~~	~~0.001619~~	~~0.000042~~	~~0.281940~~	~~0.001011~~	~~0.001061~~	~~0.281838~~	~~0.000420~~	~~0.000441~~	~~*b*~~	~~0.281940~~	~~0.001011~~	~~0.001061~~	~~0.281907~~	~~0.001011~~	~~0.001061~~	~~-6.7~~	~~35.9~~	~~37.6~~	~~2303~~	~~2348~~
BREID119270-13.10.20 95	22	13240	19:10:39	15.3	1499	5	-10.9	16.2	-1.29	-1.30	1.01	0.048192	0.000940	0.001540	0.000047	0.281888	0.000062	0.000065	0.281857	0.000034	0.000035	*a*	0.281857	0.000034	0.000035	0.281813	0.000034	0.000035	-0.6	1.2	1.3	2252	77
~~BREID119270-13.10.20 96~~	~~22~~	~~13240~~	~~19:12:03~~	~~12.7~~	~~946~~	~~5~~	~~-2.1~~	~~13.4~~	~~-1.30~~	~~-1.32~~	~~1.01~~	~~0.049419~~	~~0.001037~~	~~0.001318~~	~~0.000016~~	~~0.282228~~	~~0.000067~~	~~0.000070~~	~~0.282198~~	~~0.000036~~	~~0.000038~~	~~*a*~~	~~0.282198~~	~~0.000036~~	~~0.000038~~	~~0.282174~~	~~0.000036~~	~~0.000038~~	~~-0.4~~	~~1.3~~	~~1.3~~	~~1810~~	~~83~~
BREID119270-13.10.20 97	22	13240	19:13:29	26.8	1705	5	-1.5	13.5	-1.29	-1.29	1.01	0.082875	0.002012	0.002502	0.000080	0.281779	0.000061	0.000064	0.281730	0.000030	0.000031	*a*	0.281730	0.000030	0.000031	0.281649	0.000030	0.000031	-1.7	1.1	1.1	2479	67
~~BREID119270-13.10.20 98~~	~~22~~	~~13240~~	~~19:14:53~~	~~13.9~~	~~1476~~	~~8~~	~~-2.3~~	~~10.9~~	~~-1.29~~	~~-1.29~~	~~0.98~~	~~0.090181~~	~~0.003555~~	~~0.002302~~	~~0.000079~~	~~0.282125~~	~~0.000108~~	~~0.000114~~	~~0.282040~~	~~0.000049~~	~~0.000051~~	~~*b*~~	~~0.282125~~	~~0.000108~~	~~0.000114~~	~~0.282061~~	~~0.000108~~	~~0.000114~~	~~7.6~~	~~3.8~~	~~4.0~~	~~1731~~	~~248~~
~~BREID119270-13.10.20 99~~	~~22~~	~~13240~~	~~19:16:18~~	~~4.7~~	~~1067~~	~~6~~	~~-10.8~~	~~1.1~~	~~-1.43~~	~~-1.38~~	~~1.42~~	~~0.075205~~	~~0.001979~~	~~0.001547~~	~~0.000029~~	~~0.281905~~	~~0.002547~~	~~0.002675~~	~~0.281694~~	~~0.000732~~	~~0.000769~~	~~*b*~~	~~0.281905~~	~~0.002547~~	~~0.002675~~	~~0.281874~~	~~0.002547~~	~~0.002675~~	~~-8.3~~	~~90.4~~	~~94.9~~	~~2388~~	~~6118~~
BREID119270-13.10.20 100	22	13240	19:17:45	26.0	1861	8	-3.1	14.1	-1.30	-1.34	1.02	0.037419	0.000688	0.001244	0.000013	0.281730	0.000057	0.000059	0.281709	0.000027	0.000029	*a*	0.281709	0.000027	0.000029	0.281665	0.000027	0.000029	2.4	1.0	1.0	2351	61
BREID119270-13.10.20 101	22	13240	19:20:40	34.7	1815	7	-1.9	11.0	-1.29	-1.29	1.00	0.042001	0.001112	0.001178	0.000038	0.281808	0.000060	0.000062	0.281763	0.000030	0.000032	*a*	0.281763	0.000030	0.000032	0.281722	0.000030	0.000032	3.4	1.1	1.1	2256	68
BREID119270-13.10.20 102	22	13240	19:22:06	20.3	1479	11	-20.3	10.1	-1.31	-1.29	0.99	0.045038	0.000346	0.001324	0.000024	0.282151	0.000081	0.000085	0.282120	0.000043	0.000045	*a*	0.282120	0.000043	0.000045	0.282083	0.000043	0.000045	8.5	1.5	1.6	1680	98
BREID119270-13.10.20 103	22	13240	19:23:31	41.0	1821	5	-1.7	12.2	-1.31	-1.33	1.02	0.050663	0.000545	0.001464	0.000015	0.281693	0.000047	0.000049	0.281680	0.000023	0.000024	*a*	0.281680	0.000023	0.000024	0.281629	0.000023	0.000024	0.2	0.8	0.8	2452	51
BREID119270-13.10.20 104	22	13240	19:24:56	22.1	1710	6	-1.2	13.6	-1.30	-1.27	0.98	0.053996	0.001148	0.001386	0.000032	0.281895	0.000065	0.000068	0.281829	0.000031	0.000033	*a*	0.281829	0.000031	0.000033	0.281785	0.000031	0.000033	3.2	1.1	1.2	2185	70
BREID119270-13.10.20 105	22	13240	19:26:21	28.0	2748	4	-2.0	12.1	-1.29	-1.26	0.98	0.032855	0.001239	0.000855	0.000035	0.281129	0.000050	0.000053	0.281085	0.000028	0.000029	*a*	0.281085	0.000028	0.000029	0.281040	0.000028	0.000029	0.9	1.0	1.0	3143	61
BREID119270-13.10.20 106	22	13240	19:27:46	32.6	1592	3	-8.1	12.6	-1.30	-1.32	1.01	0.060899	0.001230	0.001791	0.000017	0.281988	0.000054	0.000057	0.281962	0.000028	0.000029	*a*	0.281962	0.000028	0.000029	0.281908	0.000028	0.000029	4.8	1.0	1.0	1991	63
BREID119270-13.10.20 107	22	13240	19:29:11	19.8	1481	6	-2.1	15.8	-1.31	-1.35	1.04	0.028498	0.001131	0.000883	0.000045	0.282025	0.000049	0.000052	0.282018	0.000028	0.000029	*a*	0.282018	0.000028	0.000029	0.281994	0.000028	0.000029	5.3	1.0	1.0	1873	63
BREID119270-13.10.20 108	22	13240	19:30:37	31.1	1888	4	-2.2	16.9	-1.29	-1.33	1.03	0.025793	0.000364	0.000792	0.000013	0.281614	0.000039	0.000041	0.281609	0.000022	0.000024	*a*	0.281609	0.000022	0.000024	0.281581	0.000022	0.000024	0.0	0.8	0.8	2515	50
BREID119270-13.10.20 109	22	13240	19:32:02	41.1	1295	10	-19.8	13.9	-1.31	-1.32	1.01	0.089332	0.001574	0.002131	0.000033	0.282259	0.000053	0.000056	0.282217	0.000024	0.000026	*a*	0.282217	0.000024	0.000026	0.282165	0.000024	0.000026	7.2	0.9	0.9	1614	56
~~BREID119270-13.10.20 112~~	~~22~~	~~13240~~	~~19:34:56~~	~~11.7~~	~~1813~~	~~7~~	~~-2.4~~	~~11.5~~	~~-1.31~~	~~-1.40~~	~~1.07~~	~~0.027089~~	~~0.000551~~	~~0.000789~~	~~0.000009~~	~~0.281617~~	~~0.000084~~	~~0.000088~~	~~0.281643~~	~~0.000043~~	~~0.000045~~	~~*a*~~	~~0.281643~~	~~0.000043~~	~~0.000045~~	~~0.281616~~	~~0.000043~~	~~0.000045~~	~~-0.4~~	~~1.5~~	~~1.6~~	~~2485~~	~~96~~
BREID119270-13.10.20 113	22	13240	19:36:22	24.7	1664	14	-0.2	13.7	-1.29	-1.32	1.02	0.032264	0.000319	0.001014	0.000027	0.281833	0.000049	0.000052	0.281821	0.000025	0.000026	*a*	0.281821	0.000025	0.000026	0.281789	0.000025	0.000026	2.3	0.9	0.9	2204	57
BREID119270-13.10.20 114	22	13240	19:37:47	20.9	1456	11	-1.1	14.2	-1.30	-1.31	1.01	0.022885	0.000205	0.000586	0.000008	0.281760	0.000059	0.000062	0.281741	0.000029	0.000030	*a*	0.281741	0.000029	0.000030	0.281725	0.000029	0.000030	-4.8	1.0	1.1	2468	65
BREID119270-13.10.20 115	22	13240	19:39:13	27.4	2858	6	-11.0	11.1	-1.31	-1.29	0.99	0.026565	0.001099	0.000813	0.000019	0.281131	0.000061	0.000064	0.281110	0.000032	0.000033	*a*	0.281110	0.000032	0.000033	0.281066	0.000032	0.000033	4.3	1.1	1.2	3025	70

~~BREID119270-116~~	~~13.10.2022~~	~~13240~~	~~19:40:38~~	~~14.6~~	~~1365~~	~~5~~	~~-0.2~~	~~16.0~~	~~-1.29~~	~~-1.32~~	~~1.02~~	~~0.179744~~	~~0.003871~~	~~0.004317~~	~~0.000137~~	~~0.282138~~	~~0.000078~~	~~0.000082~~	~~0.282089~~	~~0.000039~~	~~0.000041~~	~~*a*~~	~~0.282089~~	~~0.000039~~	~~0.000041~~	~~0.281977~~	~~0.000039~~	~~0.000041~~	~~2.1~~	~~1.4~~	~~1.5~~	~~1980~~	~~90~~
BREID119270-117	13.10.2022	13240	19:42:03	34.7	1044	5	-1.6	15.5	-1.31	-1.33	1.03	0.020818	0.000141	0.000565	0.000004	0.282079	0.000040	0.000042	0.282068	0.000021	0.000022	*a*	0.282068	0.000021	0.000022	0.282056	0.000021	0.000022	-2.4	0.8	0.8	2006	49
BREID119270-118	13.10.2022	13240	19:43:29	24.3	1457	4	-1.8	12.3	-1.29	-1.38	1.06	0.012959	0.000085	0.000595	0.000010	0.281941	0.000061	0.000064	0.281964	0.000030	0.000032	*a*	0.281964	0.000030	0.000032	0.281948	0.000030	0.000032	3.2	1.1	1.1	1987	69
BREID119270-119	13.10.2022	13240	19:44:54	23.1	1267	11	-0.5	14.5	-1.30	-1.32	1.02	0.075366	0.005477	0.001634	0.000097	0.282160	0.000052	0.000055	0.282146	0.000030	0.000031	*a*	0.282146	0.000030	0.000031	0.282106	0.000030	0.000031	4.5	1.1	1.1	1759	69
BREID119270-120	13.10.2022	13240	19:46:19	41.0	1342	8	-0.5	11.5	-1.31	-1.39	1.06	0.004415	0.000053	0.000120	0.000002	0.281749	0.000046	0.000048	0.281767	0.000023	0.000024	*a*	0.281767	0.000023	0.000024	0.281764	0.000023	0.000024	-6.0	0.8	0.8	2455	52
~~BREID119270-121~~	~~13.10.2022~~	~~13239~~	~~11:45:01~~	~~7.1~~	~~1817~~	~~13~~	~~-13.0~~	~~8.6~~	~~-1.34~~	~~-1.40~~	~~1.03~~	~~0.113746~~	~~0.006508~~	~~0.003103~~	~~0.000174~~	~~0.281655~~	~~0.000231~~	~~0.000242~~	~~0.281610~~	~~0.000084~~	~~0.000088~~	~~*a*~~	~~0.281610~~	~~0.000084~~	~~0.000088~~	~~0.281503~~	~~0.000084~~	~~0.000088~~	~~-4.4~~	~~3.0~~	~~3.1~~	~~2724~~	~~188~~
BREID119270-122	13.10.2022	13239	11:46:28	27.8	1045	6	-4.1	15.1	-1.33	-1.23	0.92	0.021912	0.001592	0.000399	0.000034	0.282132	0.000041	0.000043	0.282070	0.000023	0.000024	*a*	0.282070	0.000023	0.000024	0.282062	0.000023	0.000024	-2.2	0.8	0.9	1994	53
~~BREID119270-123~~	~~13.10.2022~~	~~13239~~	~~11:47:53~~	~~7.9~~	~~1146~~	~~16~~	~~-14.6~~	~~4.0~~	~~-1.34~~	~~-1.30~~	~~0.98~~	~~0.080266~~	~~0.004798~~	~~0.002206~~	~~0.000128~~	~~0.282330~~	~~0.000313~~	~~0.000328~~	~~0.282231~~	~~0.000155~~	~~0.000163~~	~~*b*~~	~~0.282330~~	~~0.000313~~	~~0.000328~~	~~0.282282~~	~~0.000313~~	~~0.000328~~	~~7.9~~	~~11.1~~	~~11.6~~	~~1450~~	~~726~~
BREID119270-124	13.10.2022	13239	11:49:18	16.2	2079	15	-65.2	15.6	-1.32	-1.32	1.00	0.215798	0.002333	0.005006	0.000040	0.282306	0.000094	0.000099	0.282093	0.000043	0.000045	*b*	0.282306	0.000094	0.000099	0.282108	0.000094	0.000099	23.2	3.3	3.5	1261	216
BREID119270-125	13.10.2022	13239	11:50:44	23.6	1786	6	-1.6	13.0	-1.32	-1.37	1.04	0.110877	0.001835	0.003060	0.000021	0.281811	0.000069	0.000073	0.281797	0.000031	0.000033	*a*	0.281797	0.000031	0.000033	0.281694	0.000031	0.000033	1.7	1.1	1.2	2334	70
BREID119270-126	13.10.2022	13239	11:52:09	18.9	2020	4	-4.4	8.6	-1.33	-1.30	0.98	0.050428	0.001016	0.001338	0.000035	0.281585	0.000107	0.000112	0.281523	0.000048	0.000051	*a*	0.281523	0.000048	0.000051	0.281472	0.000048	0.000051	-0.8	1.7	1.8	2666	108
BREID119270-127	13.10.2022	13239	11:53:34	17.6	1707	4	-4.7	12.3	-1.33	-1.37	1.02	0.083646	0.001483	0.002357	0.000042	0.281878	0.000080	0.000084	0.281856	0.000039	0.000041	*a*	0.281856	0.000039	0.000041	0.281779	0.000039	0.000041	2.9	1.4	1.4	2198	88
BREID119270-128	13.10.2022	13239	11:54:59	31.6	1443	4	-4.9	13.6	-1.32	-1.35	1.03	0.028290	0.001078	0.000909	0.000036	0.281914	0.000052	0.000055	0.281904	0.000025	0.000026	*a*	0.281904	0.000025	0.000026	0.281879	0.000025	0.000026	0.4	0.9	0.9	2144	56
BREID119270-129	13.10.2022	13239	11:56:25	16.0	1809	5	0.8	12.5	-1.33	-1.35	1.02	0.039459	0.000352	0.001023	0.000006	0.281808	0.000064	0.000068	0.281800	0.000035	0.000036	*a*	0.281800	0.000035	0.000036	0.281765	0.000035	0.000036	4.8	1.2	1.3	2168	78
BREID119270-130	13.10.2022	13239	11:57:50	20.9	1242	6	-1.7	9.5	-1.32	-1.33	1.01	0.075224	0.003598	0.002216	0.000077	0.282237	0.000090	0.000095	0.282207	0.000043	0.000045	*a*	0.282207	0.000043	0.000045	0.282155	0.000043	0.000045	5.6	1.5	1.6	1667	99
~~BREID119270-131~~	~~13.10.2022~~	~~13239~~	~~12:00:45~~	~~4.7~~	~~1709~~	~~10~~	~~-8.3~~	~~5.7~~	~~-1.35~~	~~-1.36~~	~~1.00~~	~~0.036382~~	~~0.000447~~	~~0.001255~~	~~0.000020~~	~~0.281922~~	~~0.000250~~	~~0.000263~~	~~0.281898~~	~~0.000127~~	~~0.000133~~	~~*a*~~	~~0.281898~~	~~0.000127~~	~~0.000133~~	~~0.281857~~	~~0.000127~~	~~0.000133~~	~~5.7~~	~~4.5~~	~~4.7~~	~~2029~~	~~289~~
BREID119270-132	13.10.2022	13239	12:02:11	15.2	1751	6	-0.9	9.5	-1.33	-1.31	0.98	0.138085	0.012329	0.003289	0.000248	0.281915	0.000105	0.000110	0.281755	0.000058	0.000061	*b*	0.281915	0.000105	0.000110	0.281806	0.000105	0.000110	4.9	3.7	3.9	2115	238
BREID119270-133	13.10.2022	13239	12:03:36	16.4	1348	7	-10.8	18.2	-1.33	-1.35	1.01	0.151397	0.002273	0.003464	0.000052	0.282149	0.000068	0.000071	0.282079	0.000033	0.000034	*b*	0.282149	0.000068	0.000071	0.282061	0.000068	0.000071	4.7	2.4	2.5	1809	155
BREID119270-134	13.10.2022	13239	12:05:01	17.4	2064	4	-5.9	11.1	-1.33	-1.31	0.98	0.040465	0.000947	0.001229	0.000015	0.281466	0.000076	0.000080	0.281426	0.000038	0.000040	*a*	0.281426	0.000038	0.000040	0.281378	0.000038	0.000040	-3.1	1.3	1.4	2839	84
BREID119270-135	13.10.2022	13239	12:06:26	20.2	1071	8	-4.5	12.6	-1.34	-1.34	1.00	0.048899	0.000584	0.001439	0.000034	0.282075	0.000068	0.000071	0.282042	0.000035	0.000037	*a*	0.282042	0.000035	0.000037	0.282012	0.000035	0.000037	-3.3	1.3	1.3	2085	81
~~BREID119270-136~~	~~13.10.2022~~	~~13239~~	~~12:07:50~~	~~2.9~~	~~2058~~	~~16~~	~~-26.3~~	~~7.6~~	~~-1.34~~	~~-1.40~~	~~1.05~~	~~0.064607~~	~~0.000983~~	~~0.002196~~	~~0.000019~~	~~0.281740~~	~~0.000303~~	~~0.000318~~	~~0.281752~~	~~0.000139~~	~~0.000146~~	~~*a*~~	~~0.281752~~	~~0.000139~~	~~0.000146~~	~~0.281666~~	~~0.000139~~	~~0.000146~~	~~7.0~~	~~4.9~~	~~5.2~~	~~2230~~	~~313~~
~~BREID119270-137~~	~~13.10.2022~~	~~13239~~	~~12:09:16~~	~~11.8~~	~~1327~~	~~6~~	~~-0.3~~	~~11.9~~	~~-1.34~~	~~-1.41~~	~~1.05~~	~~0.037186~~	~~0.001021~~	~~0.001157~~	~~0.000045~~	~~0.281965~~	~~0.000093~~	~~0.000098~~	~~0.281974~~	~~0.000048~~	~~0.000051~~	~~*a*~~	~~0.281974~~	~~0.000048~~	~~0.000051~~	~~0.281945~~	~~0.000048~~	~~0.000051~~	~~0.1~~	~~1.7~~	~~1.8~~	~~2073~~	~~110~~
~~BREID119270-138~~	~~13.10.2022~~	~~13239~~	~~12:10:40~~	~~6.6~~	~~1565~~	~~12~~	~~-10.4~~	~~12.7~~	~~-1.33~~	~~-1.38~~	~~1.04~~	~~0.049353~~	~~0.000441~~	~~0.001500~~	~~0.000019~~	~~0.281956~~	~~0.000116~~	~~0.000121~~	~~0.281942~~	~~0.000056~~	~~0.000059~~	~~*a*~~	~~0.281942~~	~~0.000056~~	~~0.000059~~	~~0.281897~~	~~0.000056~~	~~0.000059~~	~~3.9~~	~~2.0~~	~~2.1~~	~~2030~~	~~128~~
BREID119270-139	13.10.2022	13239	12:12:07	24.3	1502	11	-1.3	12.0	-1.32	-1.33	1.01	0.029671	0.000415	0.000955	0.000021	0.282000	0.000061	0.000064	0.281977	0.000029	0.000031	*a*	0.281977	0.000029	0.000031	0.281950	0.000029	0.000031	4.3	1.0	1.1	1955	67
BREID119270-140	13.10.2022	13239	12:13:31	22.4	1571	25	-43.3	8.9	-1.33	-1.32	0.99	0.022467	0.000108	0.000717	0.000006	0.282240	0.000093	0.000098	0.282225	0.000044	0.000046	*a*	0.282225	0.000044	0.000046	0.282204	0.000044	0.000046	14.9	1.6	1.6	1359	101
~~BREID119270-141~~	~~13.10.2022~~	~~13239~~	~~12:16:27~~	~~10.8~~	~~1458~~	~~12~~	~~-17.8~~	~~7.2~~	~~-1.36~~	~~-1.33~~	~~0.97~~	~~0.103961~~	~~0.005922~~	~~0.003211~~	~~0.000170~~	~~0.282091~~	~~0.000177~~	~~0.000186~~	~~0.281959~~	~~0.000081~~	~~0.000085~~	~~*b*~~	~~0.282091~~	~~0.000177~~	~~0.000186~~	~~0.282002~~	~~0.000177~~	~~0.000186~~	~~5.1~~	~~6.3~~	~~6.6~~	~~1869~~	~~405~~
BREID119270-142	13.10.2022	13239	12:17:52	23.8	1240	7	-0.7	14.8	-1.35	-1.40	1.04	0.026527	0.000194	0.000726	0.000012	0.282185	0.000051	0.000054	0.282182	0.000028	0.000029	*a*	0.282182	0.000028	0.000029	0.282165	0.000028	0.000029	5.9	1.0	1.0	1647	64
BREID119270-143	13.10.2022	13239	12:19:18	25.9	1282	8	-5.2	11.9	-1.34	-1.38	1.03	0.046376	0.000888	0.001138	0.000028	0.282077	0.000068	0.000072	0.282049	0.000031	0.000033	*a*	0.282049	0.000031	0.000033	0.282021	0.000031	0.000033	1.8	1.1	1.2	1935	71
~~BREID119270-144~~	~~13.10.2022~~	~~13239~~	~~12:20:42~~	~~1.3~~	~~1396~~	~~9~~	~~-7.8~~	~~0.8~~	~~-1.08~~	~~-2.02~~	~~4.03~~	~~0.162674~~	~~0.058557~~	~~0.002141~~	~~0.000254~~	~~0.278807~~	~~0.010486~~	~~0.011011~~	~~0.280827~~	~~0.005132~~	~~0.005389~~	~~*b*~~	~~0.278807~~	~~0.010486~~	~~0.011011~~	~~0.278751~~	~~0.010486~~	~~0.011011~~	~~-111.6~~	~~376.2~~	~~395.0~~	~~8543~~	~~26887~~
BREID119270-145	13.10.2022	13239	12:22:08	32.3	1307	12	-0.4	12.6	-1.33	-1.37	1.03	0.026724	0.000403	0.000748	0.000007	0.282178	0.000052	0.000054	0.282172	0.000027	0.000029	*a*	0.282172	0.000027	0.000029	0.282154	0.000027	0.000029	7.0	1.0	1.0	1632	62

BREID119270-146	13.10.2022	13239	12:23:34	35.8	2700	3	-5.3	11.3	-1.33	-1.33	1.00	0.035120	0.000362	0.001037	0.000016	0.281128	0.000055	0.000057	0.281114	0.000028	0.000029	*a*	**0.281114**	**0.000028**	**0.000029**	**0.281060**	**0.000028**	**0.000029**	**0.4**	**1.0**	**1.0**	**3129**	**61**
BREID119270-147	13.10.2022	13239	12:24:58	7.3	2289	29	-64.3	20.0	-1.35	-1.35	1.00	0.150110	0.006754	0.004300	0.000258	0.282137	0.000107	0.000112	0.282008	0.000048	0.000050	*b*	**0.282137**	**0.000107**	**0.000112**	**0.281949**	**0.000108**	**0.000113**	**22.4**	**3.8**	**4.0**	**1480**	**245**
BREID119270-148	13.10.2022	13239	12:26:23	2.4	1273	14	-8.5	1.0	-1.50	-1.83	1.27	0.071933	0.002251	0.001274	0.000057	0.280873	0.002203	0.002313	0.281403	0.001081	0.001135	*b*	**0.280873**	**0.002203**	**0.002313**	**0.280843**	**0.002203**	**0.002313**	**-40.2**	**78.4**	**82.4**	**4444**	**5029**
BREID119270-149	13.10.2022	13239	12:27:49	15.1	1302	9	-4.8	9.3	-1.34	-1.32	0.98	0.083016	0.001430	0.002532	0.000043	0.282025	0.000093	0.000097	0.281921	0.000055	0.000058	*b*	**0.282025**	**0.000093**	**0.000097**	**0.281963**	**0.000093**	**0.000097**	**0.2**	**3.3**	**3.5**	**2050**	**212**
BREID119270-150	13.10.2022	13239	12:29:14	3.5	2462	86	-51.7	0.2	-1.34	1.68	-12.02	0.084197	0.006696	0.001525	0.000251	0.272013	0.016129	0.016936	0.281808	0.007187	0.007546	*b*	**0.272013**	**0.016129**	**0.016936**	**0.271941**	**0.016129**	**0.016936**	**-329.4**	**593.1**	**622.8**	**19596**	**35850**
BREID119270-151	13.10.2022	13239	12:43:34	13.6	2025	10	-7.5	9.3	-1.36	-1.29	0.95	0.062103	0.003820	0.001657	0.000092	0.281468	0.000135	0.000142	0.281334	0.000057	0.000059	*b*	**0.281468**	**0.000135**	**0.000142**	**0.281404**	**0.000135**	**0.000142**	**-3.1**	**4.8**	**5.1**	**2807**	**302**
BREID119270-152	13.10.2022	13239	12:44:59	25.3	1951	9	-4.7	11.2	-1.33	-1.34	1.01	0.115809	0.010536	0.002961	0.000256	0.281668	0.000069	0.000072	0.281592	0.000033	0.000035	*b*	**0.281668**	**0.000069**	**0.000072**	**0.281558**	**0.000069**	**0.000073**	**0.7**	**2.5**	**2.6**	**2525**	**156**
BREID119270-153	13.10.2022	13239	12:46:25	3.3	1003	17	-5.0	0.4	-1.46	-1.92	1.12	0.145449	0.002964	0.002668	0.000081	0.279550	0.006752	0.007090	0.281541	0.002700	0.002835	*b*	**0.279550**	**0.006752**	**0.007090**	**0.279500**	**0.006752**	**0.007090**	**-93.9**	**241.6**	**253.7**	**7328**	**16211**
BREID119270-154	13.10.2022	13239	12:47:49	5.6	1102	5	-16.8	14.7	-1.35	-1.43	1.07	0.042804	0.001128	0.001385	0.000039	0.282209	0.000088	0.000093	0.282204	0.000057	0.000060	*a*	**0.282204**	**0.000057**	**0.000060**	**0.282175**	**0.000057**	**0.000060**	**3.1**	**2.0**	**2.1**	**1712**	**131**
BREID119270-155	13.10.2022	13239	12:49:15	1.2	1508	7	-11.0	2.5	-1.33	-1.68	1.40	0.158283	0.008569	0.003896	0.000127	0.280626	0.001949	0.002047	0.281129	0.001226	0.001288	*b*	**0.280626**	**0.001949**	**0.002047**	**0.280515**	**0.001949**	**0.002047**	**-46.5**	**69.5**	**73.0**	**4976**	**4368**
BREID119270-156	13.10.2022	13239	12:50:40	12.0	1351	10	-16.5	5.6	-1.32	-1.34	1.02	0.050140	0.000760	0.001655	0.000022	0.282103	0.000205	0.000216	0.282079	0.000098	0.000103	*a*	**0.282079**	**0.000098**	**0.000103**	**0.282037**	**0.000098**	**0.000103**	**3.9**	**3.5**	**3.6**	**1858**	**224**
BREID119270-158	13.10.2022	13239	12:52:06	3.6	1158	13	-35.7	2.2	-1.32	-1.34	1.02	0.188671	0.008669	0.005221	0.000204	0.281897	0.000690	0.000724	0.281862	0.000303	0.000318	*a*	**0.281862**	**0.000303**	**0.000318**	**0.281747**	**0.000303**	**0.000318**	**-10.7**	**10.8**	**11.3**	**2604**	**689**
BREID119270-159	13.10.2022	13239	12:53:31	4.2	1835	7	-11.3	4.8	-1.33	-1.28	0.99	0.046286	0.000796	0.001438	0.000029	0.281824	0.000329	0.000346	0.281697	0.000182	0.000191	*a*	**0.281697**	**0.000182**	**0.000191**	**0.281647**	**0.000182**	**0.000191**	**1.2**	**6.5**	**6.8**	**2405**	**411**
BREID119270-160	13.10.2022	13239	12:54:56	10.6	1435	8	-1.9	11.8	-1.33	-1.31	0.98	0.167753	0.009670	0.003318	0.000137	0.282247	0.000123	0.000130	0.282077	0.000063	0.000066	*b*	**0.282247**	**0.000123**	**0.000130**	**0.282157**	**0.000123**	**0.000130**	**10.1**	**4.4**	**4.6**	**1545**	**284**
BREID119270-161	13.10.2022	13239	12:57:52	16.9	1921	27	-31.1	8.0	-1.32	-1.33	1.01	0.030029	0.000688	0.000820	0.000022	0.281992	0.000113	0.000119	0.281983	0.000055	0.000058	*a*	**0.281983**	**0.000055**	**0.000058**	**0.281953**	**0.000055**	**0.000058**	**14.0**	**2.0**	**2.0**	**1693**	**125**
BREID119270-162	13.10.2022	13239	12:59:18	41.6	1807	6	-0.9	9.4	-1.34	-1.39	1.04	0.029129	0.000443	0.000806	0.000006	0.281745	0.000060	0.000064	0.281742	0.000032	0.000033	*a*	**0.281742**	**0.000032**	**0.000033**	**0.281714**	**0.000032**	**0.000033**	**2.9**	**1.1**	**1.2**	**2278**	**71**
BREID119270-163	13.10.2022	13239	13:00:42	1.0	1357	10	-35.7	3.3	-1.25	-1.44	0.93	0.059702	0.000805	0.001573	0.000023	0.281740	0.001370	0.001438	0.281938	0.000651	0.000683	*b*	**0.281740**	**0.001370**	**0.001438**	**0.281699**	**0.001370**	**0.001438**	**-7.9**	**48.6**	**51.0**	**2584**	**3180**
BREID119270-164	13.10.2022	13239	13:02:07	11.0	1626	6	-5.5	11.9	-1.32	-1.35	1.02	0.141611	0.006292	0.004506	0.000239	0.281872	0.000126	0.000132	0.281814	0.000065	0.000069	*b*	**0.281872**	**0.000126**	**0.000132**	**0.281733**	**0.000126**	**0.000133**	**-0.6**	**4.5**	**4.7**	**2348**	**286**
BREID119270-165	13.10.2022	13239	13:03:33	10.8	1206	8	-3.6	11.2	-1.33	-1.35	1.01	0.061205	0.001642	0.001652	0.000059	0.282067	0.000111	0.000117	0.282041	0.000053	0.000056	*a*	**0.282041**	**0.000053**	**0.000056**	**0.282003**	**0.000053**	**0.000056**	**-0.6**	**1.9**	**2.0**	**2021**	**122**
BREID119270-167	13.10.2022	13239	13:04:59	28.1	1003	6	-6.4	16.2	-1.32	-1.35	1.02	0.047067	0.000622	0.001455	0.000042	0.282178	0.000045	0.000048	0.282143	0.000025	0.000026	*a*	**0.282143**	**0.000025**	**0.000026**	**0.282116**	**0.000025**	**0.000026**	**-1.2**	**0.9**	**0.9**	**1902**	**57**
BREID119270-168	13.10.2022	13239	13:06:24	19.7	1162	6	-17.2	18.1	-1.32	-1.32	1.00	0.052001	0.001455	0.001328	0.000045	0.282132	0.000055	0.000058	0.282082	0.000030	0.000031	*a*	**0.282082**	**0.000030**	**0.000031**	**0.282053**	**0.000030**	**0.000031**	**0.2**	**1.1**	**1.1**	**1940**	**68**
BREID119270-169	13.10.2022	13239	13:07:49	22.9	1699	7	-4	10.3	-1.32	-1.36	1.03	0.117962	0.001290	0.003226	0.000066	0.281879	0.000084	0.000089	0.281873	0.000041	0.000044	*a*	**0.281873**	**0.000041**	**0.000044**	**0.281769**	**0.000042**	**0.000044**	**2.4**	**1.5**	**1.5**	**2225**	**94**
BREID119270-171	13.10.2022	13239	13:10:45	10.1	1124	15	-26	12.3	-1.32	-1.33	1.02	0.178214	0.009134	0.004863	0.000290	0.282247	0.000119	0.000125	0.282168	0.000051	0.000054	*b*	**0.282247**	**0.000119**	**0.000125**	**0.282144**	**0.000119**	**0.000125**	**2.5**	**4.2**	**4.4**	**1766**	**274**
BREID119270-172	13.10.2022	13239	13:12:10	27.3	1580	5	-8	16.4	-1.33	-1.35	1.02	0.040461	0.000918	0.001141	0.000024	0.281834	0.000046	0.000049	0.281806	0.000026	0.000027	*a*	**0.281806**	**0.000026**	**0.000027**	**0.281772**	**0.000026**	**0.000027**	**-0.3**	**0.9**	**1.0**	**2292**	**59**
BREID119270-173	13.10.2022	13239	13:13:35	10.8	2485	24	-74	8.0	-1.35	-1.32	0.98	0.044306	0.002059	0.001193	0.000047	0.282044	0.000134	0.000141	0.281989	0.000074	0.000077	*a*	**0.281989**	**0.000074**	**0.000077**	**0.281932**	**0.000074**	**0.000077**	**26.4**	**2.6**	**2.7**	**1400**	**168**
BREID119270-174	13.10.2022	13239	13:15:00	11.3	2719	5	-1	11.0	-1.33	-1.34	1.01	0.056046	0.006049	0.001384	0.000146	0.281118	0.000094	0.000098	0.281053	0.000048	0.000050	*b*	**0.281118**	**0.000094**	**0.000098**	**0.281046**	**0.000094**	**0.000099**	**0.4**	**3.3**	**3.5**	**3148**	**207**
BREID119270-175	13.10.2022	13239	13:16:25	16.0	1493	17	-20	9.0	-1.34	-1.33	0.99	0.150341	0.005311	0.004332	0.000150	0.282168	0.000133	0.000139	0.282016	0.000071	0.000074	*b*	**0.282168**	**0.000133**	**0.000139**	**0.282045**	**0.000133**	**0.000140**	**7.4**	**4.7**	**4.9**	**1753**	**305**
BREID119270-176	13.10.2022	13239	13:17:51	13.3	1730	9	-22	8.2	-1.34	-1.34	1.00	0.038183	0.000399	0.001313	0.000009	0.281885	0.000135	0.000142	0.281866	0.000069	0.000072	*a*	**0.281866**	**0.000069**	**0.000072**	**0.281823**	**0.000069**	**0.000072**	**5.0**	**2.4**	**2.6**	**2090**	**156**
BREID119270-177	13.10.2022	13239	13:19:15	1.1	4787	38	-104	1.3	-1.54	-0.90	0.68	0.094304	0.003993	0.001634	0.000039	0.283415	0.002238	0.002350	0.282323	0.001253	0.001316	*b*	**0.283415**	**0.002238**	**0.002350**	**0.283262**	**0.002238**	**0.002350**	**129.4**	**79.0**	**83.0**	**-2885**	**5672**

~~BREID119270-178~~	~~13.10.2022~~	~~13239~~	~~13:20:41~~	~~1.1~~	~~1326~~	~~12~~	~~-13~~	~~1.3~~	~~-1.26~~	~~-0.64~~	~~1.34~~	~~0.058612~~	~~0.005514~~	~~0.001524~~	~~0.000127~~	~~0.283118~~	~~0.003989~~	~~0.004189~~	~~0.282419~~	~~0.001229~~	~~0.001290~~	~~*b*~~	~~**0.283118**~~	~~**0.003989**~~	~~**0.004189**~~	~~**0.283080**~~	~~**0.003989**~~	~~**0.004189**~~	~~**40.3**~~	~~**140.9**~~	~~**148.0**~~	~~**-444**~~	~~**10480**~~
BREID119270-179	13.10.2022	13239	13:22:06	25.0	1563	6	-2	13.3	-1.31	-1.30	0.99	0.088212	0.003195	0.002524	0.000058	0.281958	0.000070	0.000073	0.281856	0.000032	0.000034	*b*	**0.281958**	**0.000070**	**0.000073**	**0.281883**	**0.000070**	**0.000073**	**3.3**	**2.5**	**2.6**	**2063**	**159**

SMAL119263

SMAL119263-1	24.10.2022	13256	18:33:08	41.0	1924	5	-1	11.1	-1.43	-1.47	1.02	0.031531	0.000813	0.000806	0.000019	0.281593	0.000046	0.000049	0.281580	0.000025	0.000027	*a*	**0.281580**	**0.000025**	**0.000027**	**0.281551**	**0.000025**	**0.000027**	**-0.2**	**0.9**	**0.9**	**2557**	**57**
SMAL119263-2	24.10.2022	13256	18:34:33	26.5	1881	5	-2	13.6	-1.42	-1.46	1.03	0.014085	0.000305	0.000381	0.000009	0.281577	0.000048	0.000051	0.281565	0.000028	0.000030	*a*	**0.281565**	**0.000028**	**0.000030**	**0.281551**	**0.000028**	**0.000030**	**-1.1**	**1.0**	**1.1**	**2581**	**63**
SMAL119263-3	24.10.2022	13256	18:35:59	41.0	4848	61	-98	10.1	-1.44	-1.49	1.04	0.025058	0.000466	0.000691	0.000010	0.281926	0.000056	0.000059	0.281916	0.000026	0.000027	*a*	**0.281916**	**0.000026**	**0.000027**	**0.281850**	**0.000026**	**0.000027**	**80.4**	**0.9**	**1.0**	**220**	**58**
SMAL119263-4	24.10.2022	13256	18:37:24	33.7	1812	8	-2	8.1	-1.43	-1.51	1.05	0.023025	0.000120	0.000682	0.000007	0.281713	0.000080	0.000084	0.281723	0.000038	0.000040	*a*	**0.281723**	**0.000038**	**0.000040**	**0.281699**	**0.000038**	**0.000040**	**2.5**	**1.3**	**1.4**	**2307**	**85**
SMAL119263-5	24.10.2022	13256	18:38:49	41.1	1022	9	-1	12.3	-1.43	-1.50	1.04	0.012487	0.000087	0.000412	0.000001	0.282125	0.000045	0.000048	0.282130	0.000024	0.000025	*a*	**0.282130**	**0.000024**	**0.000025**	**0.282122**	**0.000024**	**0.000025**	**-0.6**	**0.9**	**0.9**	**1877**	**55**
SMAL119263-6	24.10.2022	13256	18:40:14	40.2	1925	7	0	9.9	-1.43	-1.50	1.05	0.011523	0.000102	0.000290	0.000003	0.281711	0.000056	0.000059	0.281712	0.000028	0.000029	*a*	**0.281712**	**0.000028**	**0.000029**	**0.281701**	**0.000028**	**0.000029**	**5.2**	**1.0**	**1.0**	**2234**	**63**
SMAL119263-7	24.10.2022	13256	18:43:13	22.5	946	6	-2	10.3	-1.43	-1.41	0.99	0.023306	0.000139	0.000694	0.000009	0.282206	0.000077	0.000080	0.282175	0.000036	0.000038	*a*	**0.282175**	**0.000036**	**0.000038**	**0.282162**	**0.000036**	**0.000038**	**-0.9**	**1.3**	**1.3**	**1836**	**83**
SMAL119263-8	24.10.2022	13256	18:44:38	41.0	1616	7	-2	10.4	-1.44	-1.47	1.03	0.041993	0.000443	0.001110	0.000007	0.281906	0.000058	0.000061	0.281886	0.000027	0.000029	*a*	**0.281886**	**0.000027**	**0.000029**	**0.281852**	**0.000027**	**0.000029**	**3.4**	**1.0**	**1.0**	**2097**	**62**
SMAL119263-9	24.10.2022	13256	18:46:04	41.0	1395	9	-10	9.3	-1.44	-1.44	1.00	0.070123	0.001735	0.001731	0.000030	0.281887	0.000070	0.000074	0.281824	0.000033	0.000034	*b*	**0.281887**	**0.000070**	**0.000074**	**0.281842**	**0.000070**	**0.000074**	**-2.0**	**2.5**	**2.6**	**2255**	**160**
SMAL119263-10	24.10.2022	13256	18:47:29	41.0	1047	6	-8	12.2	-1.44	-1.45	1.01	0.027789	0.000393	0.000752	0.000004	0.282248	0.000043	0.000045	0.282226	0.000023	0.000024	*a*	**0.282226**	**0.000023**	**0.000024**	**0.282211**	**0.000023**	**0.000024**	**3.2**	**0.8**	**0.8**	**1666**	**52**
SMAL119263-11	24.10.2022	13256	18:48:54	41.0	1040	8	-1	12.0	-1.44	-1.46	1.01	0.025498	0.000085	0.000632	0.000002	0.282257	0.000049	0.000052	0.282230	0.000023	0.000024	*a*	**0.282230**	**0.000023**	**0.000024**	**0.282217**	**0.000023**	**0.000024**	**3.2**	**0.8**	**0.9**	**1657**	**53**
SMAL119263-12	24.10.2022	13256	18:50:19	41.0	1156	8	0	12.3	-1.42	-1.44	1.02	0.029622	0.000147	0.000885	0.000006	0.282234	0.000046	0.000049	0.282216	0.000023	0.000025	*a*	**0.282216**	**0.000023**	**0.000025**	**0.282197**	**0.000023**	**0.000025**	**5.1**	**0.8**	**0.9**	**1630**	**54**
SMAL119263-13	24.10.2022	13256	18:53:19	28.8	1577	18	-12	9.5	-1.44	-1.50	1.04	0.039436	0.000343	0.001005	0.000003	0.281888	0.000072	0.000075	0.281886	0.000037	0.000038	*a*	**0.281886**	**0.000037**	**0.000038**	**0.281856**	**0.000037**	**0.000038**	**2.6**	**1.3**	**1.4**	**2113**	**83**
SMAL119263-14	24.10.2022	13256	18:54:44	41.0	999	10	0	9.8	-1.44	-1.47	1.02	0.022263	0.000211	0.000538	0.000005	0.282144	0.000057	0.000059	0.282132	0.000028	0.000029	*a*	**0.282132**	**0.000028**	**0.000029**	**0.282121**	**0.000028**	**0.000029**	**-1.1**	**1.0**	**1.0**	**1892**	**64**
SMAL119263-15	24.10.2022	13256	18:56:09	41.0	946	7	-2	10.8	-1.44	-1.47	1.03	0.021779	0.000163	0.000541	0.000003	0.282211	0.000056	0.000058	0.282204	0.000028	0.000030	*a*	**0.282204**	**0.000028**	**0.000030**	**0.282194**	**0.000028**	**0.000030**	**0.3**	**1.0**	**1.0**	**1767**	**65**
SMAL119263-16	24.10.2022	13256	18:57:34	41.0	945	7	0	11.2	-1.45	-1.47	1.02	0.018522	0.000176	0.000456	0.000002	0.282234	0.000051	0.000054	0.282217	0.000027	0.000029	*a*	**0.282217**	**0.000027**	**0.000029**	**0.282208**	**0.000027**	**0.000029**	**0.8**	**1.0**	**1.0**	**1735**	**63**
SMAL119263-17	24.10.2022	13256	18:58:59	20.1	1884	7	5	11.9	-1.44	-1.46	1.02	0.029841	0.002069	0.000711	0.000036	0.281508	0.000061	0.000064	0.281483	0.000031	0.000032	*a*	**0.281483**	**0.000031**	**0.000032**	**0.281457**	**0.000031**	**0.000032**	**-4.4**	**1.1**	**1.2**	**2780**	**69**
SMAL119263-18	24.10.2022	13256	19:00:24	41.0	1783	10	-41	10.5	-1.43	-1.45	1.01	0.127709	0.001070	0.002562	0.000017	0.281632	0.000070	0.000074	0.281535	0.000029	0.000031	*b*	**0.281632**	**0.000070**	**0.000074**	**0.281545**	**0.000070**	**0.000074**	**-3.6**	**2.5**	**2.6**	**2655**	**157**
SMAL119263-19	24.10.2022	13256	19:14:47	16.6	1709	13	-47	17.1	-1.43	-1.45	1.01	0.229047	0.002564	0.004662	0.000082	0.281681	0.000077	0.000081	0.281526	0.000039	0.000041	*b*	**0.281681**	**0.000077**	**0.000081**	**0.281530**	**0.000077**	**0.000081**	**-5.9**	**2.7**	**2.9**	**2731**	**173**
SMAL119263-20	24.10.2022	13256	19:16:13	41.1	2791	3	-2	9.1	-1.44	-1.47	1.02	0.053026	0.000771	0.001343	0.000015	0.281146	0.000060	0.000063	0.281116	0.000029	0.000031	*a*	**0.281116**	**0.000029**	**0.000031**	**0.281044**	**0.000029**	**0.000031**	**2.0**	**1.0**	**1.1**	**3110**	**65**
SMAL119263-21	24.10.2022	13256	19:17:38	41.0	1144	7	0	12.5	-1.44	-1.44	0.99	0.031772	0.000668	0.000737	0.000010	0.282182	0.000048	0.000051	0.282132	0.000024	0.000025	*a*	**0.282132**	**0.000024**	**0.000025**	**0.282116**	**0.000024**	**0.000025**	**2.0**	**0.9**	**0.9**	**1813**	**55**
SMAL119263-22	24.10.2022	13256	19:19:04	41.0	1882	6	0	11.2	-1.45	-1.44	1.00	0.026662	0.000163	0.000716	0.000001	0.281441	0.000049	0.000051	0.281409	0.000025	0.000026	*a*	**0.281409**	**0.000025**	**0.000026**	**0.281383**	**0.000025**	**0.000026**	**-7.1**	**0.9**	**0.9**	**2939**	**56**
SMAL119263-23	24.10.2022	13256	19:20:29	17.0	1141	13	-2	12.2	-1.43	-1.48	1.03	0.023566	0.000131	0.000593	0.000007	0.282144	0.000065	0.000068	0.282137	0.000036	0.000038	*a*	**0.282137**	**0.000036**	**0.000038**	**0.282124**	**0.000036**	**0.000038**	**2.2**	**1.3**	**1.3**	**1798**	**83**
SMAL119263-24	24.10.2022	13256	19:21:54	36.0	1907	5	-3	10.9	-1.44	-1.44	1.00	0.103224	0.002640	0.002161	0.000050	0.281799	0.000063	0.000066	0.281692	0.000030	0.000032	*b*	**0.281799**	**0.000063**	**0.000066**	**0.281721**	**0.000063**	**0.000066**	**5.5**	**2.2**	**2.3**	**2203**	**142**
SMAL119263-25	24.10.2022	13256	19:24:53	41.1	1307	12	0	10.7	-1.44	-1.49	1.03	0.033522	0.000655	0.000877	0.000018	0.281974	0.000053	0.000055	0.281972	0.000027	0.000028	*a*	**0.281972**	**0.000027**	**0.000028**	**0.281950**	**0.000027**	**0.000028**	**-0.2**	**0.9**	**1.0**	**2074**	**61**
SMAL119263-26	24.10.2022	13256	19:26:18	41.0	1875	15	-15	11.5	-1.44	-1.51	1.04	0.032377	0.000588	0.000798	0.000009	0.281618	0.000051	0.000053	0.281606	0.000024	0.000025	*a*	**0.281606**	**0.000024**	**0.000025**	**0.281577**	**0.000024**	**0.000025**	**-0.4**	**0.9**	**0.9**	**2529**	**54**
SMAL119263-27	24.10.2022	13256	19:27:44	16.3	1878	5	0	11.0	-1.41	-1.47	1.04	0.057332	0.000630	0.001504	0.000022	0.281510	0.000083	0.000087	0.281506	0.000040	0.000042	*a*	**0.281506**	**0.000040**	**0.000042**	**0.281452**	**0.000040**	**0.000042**	**-4.8**	**1.4**	**1.5**	**2795**	**89**

SMAL119263-28	24.10.2022	13256	19:29:09	41.0	1795	9	-1	8.5	-1.44	-1.52	1.06	0.020318	0.000768	0.000497	0.000016	0.281427	0.000059	0.000062	0.281438	0.000033	0.000034	*a*	**0.281438**	**0.000033**	**0.000034**	**0.281421**	**0.000033**	**0.000034**	**-7.8**	**1.2**	**1.2**	**2911**	**73**
SMAL119263-122	24.10.2022	13256	19:30:34	19.7	1488	6	1	12.2	-1.43	-1.47	1.03	0.031663	0.000885	0.001037	0.000014	0.281919	0.000070	0.000073	0.281911	0.000037	0.000039	*a*	**0.281911**	**0.000037**	**0.000039**	**0.281882**	**0.000037**	**0.000039**	**1.6**	**1.3**	**1.4**	**2110**	**85**
SMAL119263-29	24.10.2022	13256	19:31:59	41.0	1559	6	0	12.4	-1.44	-1.49	1.03	0.051461	0.000353	0.001310	0.000012	0.281908	0.000048	0.000051	0.281892	0.000023	0.000025	*a*	**0.281892**	**0.000023**	**0.000025**	**0.281853**	**0.000023**	**0.000025**	**2.2**	**0.8**	**0.9**	**2129**	**53**
SMAL119263-30	24.10.2022	13256	19:34:58	41.0	1641	7	-7	12.8	-1.44	-1.47	1.02	0.050624	0.000662	0.001354	0.000012	0.281839	0.000044	0.000047	0.281815	0.000023	0.000025	*a*	**0.281815**	**0.000023**	**0.000025**	**0.281773**	**0.000023**	**0.000025**	**1.2**	**0.8**	**0.9**	**2253**	**53**
SMAL119263-31	24.10.2022	13256	19:36:24	24.4	1438	8	0	10.9	-1.42	-1.52	1.07	0.023444	0.000316	0.000599	0.000003	0.282022	0.000059	0.000062	0.282030	0.000031	0.000032	*a*	**0.282030**	**0.000031**	**0.000032**	**0.282014**	**0.000031**	**0.000032**	**5.1**	**1.1**	**1.1**	**1856**	**70**
SMAL119263-32	24.10.2022	13256	19:37:49	39.6	1709	4	0	13.3	-1.44	-1.45	1.01	0.091880	0.001245	0.002314	0.000027	0.281908	0.000050	0.000052	0.281832	0.000023	0.000025	*b*	**0.281908**	**0.000050**	**0.000052**	**0.281833**	**0.000050**	**0.000052**	**4.9**	**1.8**	**1.9**	**2081**	**113**
SMAL119263-33	24.10.2022	13256	19:39:14	28.3	2870	6	-1	11.9	-1.44	-1.53	1.06	0.020190	0.000983	0.000535	0.000021	0.281005	0.000055	0.000058	0.281006	0.000027	0.000028	*a*	**0.281006**	**0.000027**	**0.000028**	**0.280977**	**0.000027**	**0.000028**	**1.5**	**1.0**	**1.0**	**3204**	**59**
SMAL119263-34	24.10.2022	13256	19:40:39	41.1	1147	5	-3	12.5	-1.45	-1.49	1.03	0.021168	0.000191	0.000545	0.000002	0.282151	0.000046	0.000049	0.282141	0.000024	0.000025	*a*	**0.282141**	**0.000024**	**0.000025**	**0.282129**	**0.000024**	**0.000025**	**2.5**	**0.9**	**0.9**	**1783**	**55**
SMAL119263-35	24.10.2022	13256	19:42:04	19.2	1600	8	-2	11.6	-1.43	-1.52	1.06	0.039889	0.000668	0.001014	0.000008	0.281836	0.000071	0.000075	0.281836	0.000032	0.000034	*a*	**0.281836**	**0.000032**	**0.000034**	**0.281805**	**0.000032**	**0.000034**	**1.4**	**1.1**	**1.2**	**2208**	**73**
SMAL119263-36	24.10.2022	13256	19:43:30	41.0	2644	9	-47	11.9	-1.43	-1.43	1.00	0.061342	0.001289	0.001364	0.000031	0.281101	0.000050	0.000052	0.281036	0.000025	0.000026	*b*	**0.281101**	**0.000050**	**0.000052**	**0.281032**	**0.000050**	**0.000052**	-1.9	**1.8**	**1.9**	**3223**	**109**
SMAL119263-37	24.10.2022	13256	19:46:30	25.2	1296	13	-1	11.7	-1.44	-1.50	1.04	0.027061	0.000940	0.000706	0.000017	0.282005	0.000054	0.000056	0.282002	0.000032	0.000033	*a*	**0.282002**	**0.000032**	**0.000033**	**0.281985**	**0.000032**	**0.000033**	**0.8**	**1.1**	**1.2**	**2005**	**72**
SMAL119263-38	24.10.2022	13256	19:47:55	28.2	1598	6	-5	11.0	-1.43	-1.46	1.02	0.114484	0.000815	0.002481	0.000011	0.281980	0.000074	0.000078	0.281915	0.000034	0.000036	*b*	**0.281980**	**0.000074**	**0.000078**	**0.281905**	**0.000074**	**0.000078**	**4.9**	**2.6**	**2.8**	**1994**	**169**
SMAL119263-39	24.10.2022	13256	19:49:20	20.1	1975	5	-1	12.9	-1.43	-1.48	1.03	0.023780	0.000443	0.000573	0.000005	0.281515	0.000060	0.000063	0.281506	0.000031	0.000033	*a*	**0.281506**	**0.000031**	**0.000033**	**0.281484**	**0.000031**	**0.000033**	**-1.4**	**1.1**	**1.2**	**2668**	**70**
SMAL119263-40	24.10.2022	13256	19:50:45	33.6	1684	14	1	8.0	-1.43	-1.45	1.01	0.035669	0.000271	0.000974	0.000001	0.281858	0.000070	0.000073	0.281827	0.000034	0.000036	*a*	**0.281827**	**0.000034**	**0.000036**	**0.281796**	**0.000034**	**0.000036**	**3.0**	**1.2**	**1.3**	**2177**	**78**
SMAL119263-41	24.10.2022	13256	19:52:10	39.0	1927	6	0	10.8	-1.44	-1.46	1.01	0.036987	0.000152	0.000934	0.000002	0.281716	0.000051	0.000053	0.281688	0.000027	0.000028	*a*	**0.281688**	**0.000027**	**0.000028**	**0.281654**	**0.000027**	**0.000028**	**3.5**	**1.0**	**1.0**	**2334**	**61**
SMAL119263-42	24.10.2022	13256	19:53:36	20.8	1888	4	-1	10.8	-1.43	-1.50	1.05	0.054841	0.000267	0.001586	0.000024	0.281617	0.000078	0.000081	0.281620	0.000040	0.000042	*a*	**0.281620**	**0.000040**	**0.000042**	**0.281563**	**0.000040**	**0.000042**	**-0.6**	**1.4**	**1.5**	**2553**	**91**
~~SMAL119263-43~~	~~24.10.2022~~	~~13256~~	~~20:08:00~~	~~10.2~~	~~965~~	~~7~~	~~1~~	~~10.8~~	~~-1.43~~	~~-1.50~~	~~1.05~~	~~0.025514~~	~~0.000255~~	~~0.000744~~	~~0.000018~~	~~0.282173~~	~~0.000107~~	~~0.000113~~	~~0.282163~~	~~0.000047~~	~~0.000050~~	~~*a*~~	~~**0.282163**~~	~~**0.000047**~~	~~**0.000050**~~	~~**0.282150**~~	~~**0.000047**~~	~~**0.000050**~~	~~**-0.9**~~	~~**1.7**~~	~~**1.8**~~	~~**1851**~~	~~**108**~~
SMAL119263-44	24.10.2022	13256	20:09:26	41.1	1763	3	-2	12.3	-1.43	-1.42	0.99	0.031324	0.000754	0.000828	0.000014	0.281744	0.000046	0.000048	0.281696	0.000024	0.000025	*a*	**0.281696**	**0.000024**	**0.000025**	**0.281669**	**0.000024**	**0.000025**	**0.3**	**0.8**	**0.9**	**2402**	**54**
SMAL119263-45	24.10.2022	13256	20:10:51	41.0	1505	9	-3	10.2	-1.43	-1.48	1.04	0.036388	0.000946	0.000964	0.000027	0.281907	0.000058	0.000061	0.281888	0.000027	0.000029	*a*	**0.281888**	**0.000027**	**0.000029**	**0.281860**	**0.000027**	**0.000029**	**1.2**	**1.0**	**1.0**	**2147**	**62**
SMAL119263-46	24.10.2022	13256	20:12:16	41.0	2991	4	-1	11.2	-1.43	-1.46	1.03	0.074471	0.000460	0.001794	0.000013	0.280983	0.000052	0.000055	0.280949	0.000025	0.000026	*a*	**0.280949**	**0.000025**	**0.000026**	**0.280846**	**0.000025**	**0.000026**	**-0.3**	**0.9**	**0.9**	**3404**	**55**
SMAL119263-47	24.10.2022	13256	20:13:41	41.0	1612	6	-1	12.3	-1.44	-1.47	1.03	0.038540	0.000476	0.001023	0.000012	0.281888	0.000040	0.000042	0.281863	0.000022	0.000023	*a*	**0.281863**	**0.000022**	**0.000023**	**0.281832**	**0.000022**	**0.000023**	**2.6**	**0.8**	**0.8**	**2144**	**50**
~~SMAL119263-48~~	~~24.10.2022~~	~~13256~~	~~20:15:05~~	~~12.4~~	~~2543~~	~~8~~	~~-54~~	~~11.0~~	~~-1.43~~	~~-1.45~~	~~1.02~~	~~0.262712~~	~~0.003996~~	~~0.004785~~	~~0.000103~~	~~0.281143~~	~~0.000120~~	~~0.000126~~	~~0.280983~~	~~0.000062~~	~~0.000065~~	~~*b*~~	~~**0.281143**~~	~~**0.000120**~~	~~**0.000126**~~	~~**0.280910**~~	~~**0.000120**~~	~~**0.000126**~~	~~**-8.6**~~	~~**4.3**~~	~~**4.5**~~	~~**3535**~~	~~**263**~~
SMAL119263-49	24.10.2022	13256	20:18:06	41.0	1502	7	0	12.9	-1.45	-1.46	1.01	0.017490	0.000192	0.000473	0.000005	0.281769	0.000043	0.000045	0.281756	0.000022	0.000023	*a*	**0.281756**	**0.000022**	**0.000023**	**0.281742**	**0.000022**	**0.000023**	**-3.1**	**0.8**	**0.8**	**2403**	**50**
SMAL119263-50	24.10.2022	13256	20:19:31	30.1	2706	5	0	12.9	-1.42	-1.45	1.02	0.015875	0.000202	0.000427	0.000010	0.281061	0.000051	0.000053	0.281057	0.000027	0.000028	*a*	**0.281057**	**0.000027**	**0.000028**	**0.281035**	**0.000027**	**0.000028**	**-0.3**	**0.9**	**1.0**	**3179**	**58**
~~SMAL119263-51~~	~~24.10.2022~~	~~13256~~	~~20:20:56~~	~~8.4~~	~~1797~~	~~5~~	~~-1~~	~~11.5~~	~~-1.42~~	~~-1.35~~	~~0.94~~	~~0.020330~~	~~0.000585~~	~~0.000619~~	~~0.000024~~	~~0.281470~~	~~0.000097~~	~~0.000102~~	~~0.281422~~	~~0.000053~~	~~0.000056~~	~~*a*~~	~~**0.281422**~~	~~**0.000053**~~	~~**0.000056**~~	~~**0.281400**~~	~~**0.000053**~~	~~**0.000056**~~	~~**-8.4**~~	~~**1.9**~~	~~**2.0**~~	~~**2953**~~	~~**118**~~
~~SMAL119263-53~~	~~24.10.2022~~	~~13256~~	~~20:22:20~~	~~6.6~~	~~1503~~	4	~~-5~~	~~10.0~~	~~-1.44~~	~~-1.45~~	~~1.01~~	~~0.045744~~	~~0.001917~~	~~0.001416~~	~~0.000031~~	~~0.281881~~	~~0.000142~~	~~0.000149~~	~~0.281808~~	~~0.000068~~	~~0.000071~~	~~*a*~~	~~**0.281808**~~	~~**0.000068**~~	~~**0.000071**~~	~~**0.281768**~~	~~**0.000068**~~	~~**0.000071**~~	~~**-2.2**~~	~~**2.4**~~	~~**2.5**~~	~~**2348**~~	~~**154**~~
SMAL119263-54	24.10.2022	13256	20:23:47	26.3	2752	6	-4	12.0	-1.39	-1.40	1.01	0.007136	0.000050	0.000245	0.000003	0.281040	0.000053	0.000056	0.281039	0.000027	0.000029	*a*	**0.281039**	**0.000027**	**0.000029**	**0.281026**	**0.000027**	**0.000029**	**0.5**	**1.0**	**1.0**	**3170**	**60**
SMAL119263-55	24.10.2022	13256	20:26:46	36.5	1949	9	-1	10.5	-1.42	-1.47	1.03	0.031284	0.000095	0.000913	0.000004	0.281817	0.000053	0.000056	0.281797	0.000027	0.000028	*a*	**0.281797**	**0.000027**	**0.000028**	**0.281764**	**0.000027**	**0.000028**	**7.9**	**1.0**	**1.0**	**2086**	**61**
SMAL119263-56	24.10.2022	13256	20:28:12	41.0	958	11	-1	8.3	-1.45	-1.46	1.00	0.046801	0.001156	0.001174	0.000031	0.282240	0.000066	0.000069	0.282199	0.000034	0.000036	*a*	**0.282199**	**0.000034**	**0.000036**	**0.282178**	**0.000034**	**0.000036**	**0.0**	**1.2**	**1.3**	**1795**	**79**
SMAL119263-57	24.10.2022	13256	20:29:37	41.0	1439	8	-4	11.6	-1.43	-1.46	1.02	0.024323	0.000199	0.000654	0.000002	0.281930	0.000048	0.000051	0.281911	0.000024	0.000025	*a*	**0.281911**	**0.000024**	**0.000025**	**0.281893**	**0.000024**	**0.000025**	**0.8**	**0.8**	**0.9**	**2117**	**54**
SMAL119263-58	24.10.2022	13256	20:31:01	18.8	1754	8	-2	13.2	-1.41	-1.43	1.02	0.025965	0.000874	0.000761	0.000027	0.281742	0.000061	0.000064	0.281708	0.000031	0.000032	*a*	**0.281708**	**0.000031**	**0.000032**	**0.281683**	**0.000031**	**0.000032**	**0.6**	**1.1**	**1.1**	**2377**	**69**

SMAL119263-59	24.10.2022	13256	20:32:27	41.3	2499	4	0	11.2	-1.43	-1.48	1.02	0.018233	0.000438	0.000467	0.000012	0.281097	0.000048	0.000051	0.281102	0.000024	0.000025	*a*	**0.281102**	**0.000024**	**0.000025**	**0.281080**	**0.000024**	**0.000025**	**-3.6**	**0.9**	**0.9**	**3208**	**53**
SMAL119263-60	24.10.2022	13256	20:33:53	41.1	1949	5	-5	12.0	-1.43	-1.45	1.02	0.117653	0.001473	0.002722	0.000032	0.281815	0.000055	0.000058	0.281737	0.000027	0.000028	*b*	**0.281815**	**0.000055**	**0.000058**	**0.281714**	**0.000055**	**0.000058**	**6.2**	**1.9**	**2.0**	**2192**	**124**
SMAL119263-61	26.10.2022	13265	11:15:27	41.0	1907	4	0	10.6	-1.39	-1.40	1.01	0.046812	0.001017	0.001166	0.000019	0.281659	0.000052	0.000055	0.281619	0.000026	0.000027	*a*	**0.281619**	**0.000026**	**0.000027**	**0.281577**	**0.000026**	**0.000027**	**0.3**	**0.9**	**1.0**	**2512**	**59**
SMAL119263-62	26.10.2022	13265	11:16:52	41.0	1983	10	3	13.0	-1.40	-1.39	1.00	0.022178	0.000353	0.000598	0.000004	0.281557	0.000044	0.000046	0.281536	0.000022	0.000023	*a*	**0.281536**	**0.000022**	**0.000023**	**0.281513**	**0.000022**	**0.000023**	**-0.2**	**0.8**	**0.8**	**2602**	**49**
SMAL119263-63	26.10.2022	13265	11:18:17	41.0	1708	4	0	11.7	-1.38	-1.42	1.03	0.172069	0.001668	0.004310	0.000022	0.281941	0.000061	0.000064	0.281910	0.000030	0.000032	*a*	**0.281910**	**0.000030**	**0.000032**	**0.281771**	**0.000030**	**0.000032**	**2.6**	**1.1**	**1.1**	**2217**	**68**
SMAL119263-64	26.10.2022	13265	11:19:42	41.0	2731	6	-11	10.5	-1.39	-1.34	0.96	0.015412	0.000568	0.000420	0.000013	0.280997	0.000052	0.000055	0.280964	0.000026	0.000027	*a*	**0.280964**	**0.000026**	**0.000027**	**0.280942**	**0.000026**	**0.000027**	**-3.0**	**0.9**	**1.0**	**3359**	**56**
SMAL119263-65	26.10.2022	13265	11:21:07	41.0	1534	5	-1	11.3	-1.40	-1.41	1.01	0.022824	0.000260	0.000630	0.000003	0.281925	0.000048	0.000050	0.281909	0.000024	0.000025	*a*	**0.281909**	**0.000024**	**0.000025**	**0.281891**	**0.000024**	**0.000025**	**2.9**	**0.8**	**0.9**	**2063**	**54**
SMAL119263-66	26.10.2022	13265	11:22:33	41.1	1804	7	0	10.2	-1.38	-1.38	1.00	0.042224	0.000320	0.001063	0.000002	0.281461	0.000060	0.000063	0.281421	0.000027	0.000028	*a*	**0.281421**	**0.000027**	**0.000028**	**0.281384**	**0.000027**	**0.000028**	**-8.9**	**1.0**	**1.0**	**2983**	**60**
SMAL119263-67	26.10.2022	13265	11:25:31	41.0	1942	4	0	10.3	-1.39	-1.41	1.01	0.068754	0.002650	0.001560	0.000054	0.281666	0.000056	0.000059	0.281607	0.000027	0.000029	*b*	**0.281666**	**0.000056**	**0.000059**	**0.281608**	**0.000056**	**0.000059**	**2.3**	**2.0**	**2.1**	**2423**	**125**
SMAL119263-68	26.10.2022	13265	11:26:57	41.0	1005	12	0	10.5	-1.39	-1.41	1.01	0.028927	0.000293	0.000752	0.000003	0.282200	0.000053	0.000055	0.282185	0.000026	0.000027	*a*	**0.282185**	**0.000026**	**0.000027**	**0.282171**	**0.000026**	**0.000027**	**0.8**	**0.9**	**1.0**	**1780**	**60**
SMAL119263-69	26.10.2022	13265	11:28:22	41.0	1325	7	1	12.2	-1.39	-1.40	1.01	0.029090	0.000380	0.000794	0.000012	0.282017	0.000046	0.000048	0.281998	0.000024	0.000025	*a*	**0.281998**	**0.000024**	**0.000025**	**0.281978**	**0.000024**	**0.000025**	**1.2**	**0.8**	**0.9**	**2002**	**54**
SMAL119263-70	26.10.2022	13265	11:29:47	41.0	1477	5	-1	13.3	-1.39	-1.37	0.99	0.030846	0.000212	0.000802	0.000000	0.281940	0.000043	0.000045	0.281907	0.000022	0.000023	*a*	**0.281907**	**0.000022**	**0.000023**	**0.281885**	**0.000022**	**0.000023**	**1.4**	**0.8**	**0.8**	**2111**	**50**
SMAL119263-71	26.10.2022	13265	11:31:12	41.1	1154	8	-4	11.6	-1.38	-1.38	1.00	0.025595	0.000207	0.000682	0.000001	0.282147	0.000046	0.000049	0.282126	0.000024	0.000026	*a*	**0.282126**	**0.000024**	**0.000026**	**0.282111**	**0.000024**	**0.000026**	**2.1**	**0.9**	**0.9**	**1818**	**56**
SMAL119263-72	26.10.2022	13265	11:32:37	41.0	1694	7	-1	10.6	-1.39	-1.42	1.03	0.044835	0.000998	0.001145	0.000016	0.281863	0.000054	0.000057	0.281847	0.000027	0.000029	*a*	**0.281847**	**0.000027**	**0.000029**	**0.281810**	**0.000027**	**0.000029**	**3.7**	**1.0**	**1.0**	**2141**	**62**
SMAL119263-73	26.10.2022	13265	11:35:36	41.1	2575	8	0	9.4	-1.38	-1.35	0.98	0.027637	0.000498	0.000669	0.000006	0.281103	0.000057	0.000060	0.281073	0.000030	0.000031	*a*	**0.281073**	**0.000030**	**0.000031**	**0.281040**	**0.000030**	**0.000031**	**-3.2**	**1.1**	**1.1**	**3247**	**65**
SMAL119263-74	26.10.2022	13265	11:37:01	41.0	1841	6	0	11.2	-1.39	-1.40	1.01	0.030068	0.000243	0.000807	0.000003	0.281673	0.000049	0.000051	0.281645	0.000025	0.000027	*a*	**0.281645**	**0.000025**	**0.000027**	**0.281617**	**0.000025**	**0.000027**	**0.2**	**0.9**	**0.9**	**2466**	**57**
SMAL119263-75	26.10.2022	13265	11:38:26	41.1	1150	9	2	13.2	-1.38	-1.41	1.02	0.029000	0.000181	0.000760	0.000001	0.282125	0.000039	0.000041	0.282106	0.000020	0.000021	*a*	**0.282106**	**0.000020**	**0.000021**	**0.282089**	**0.000020**	**0.000021**	**1.2**	**0.7**	**0.7**	**1868**	**46**
SMAL119263-76	26.10.2022	13265	11:39:52	41.0	1405	7	0	11.0	-1.39	-1.39	1.01	0.025256	0.000196	0.000707	0.000004	0.281985	0.000053	0.000055	0.281971	0.000026	0.000027	*a*	**0.281971**	**0.000026**	**0.000027**	**0.281952**	**0.000026**	**0.000027**	**2.1**	**0.9**	**1.0**	**2009**	**60**
SMAL119263-77	26.10.2022	13265	11:41:17	41.0	1682	8	-1	10.8	-1.38	-1.40	1.02	0.088729	0.000716	0.002291	0.000024	0.281878	0.000060	0.000063	0.281829	0.000028	0.000029	*a*	**0.281829**	**0.000028**	**0.000029**	**0.281756**	**0.000028**	**0.000029**	**1.5**	**1.0**	**1.0**	**2263**	**63**
SMAL119263-78	26.10.2022	13265	11:42:42	41.0	1769	6	0	11.7	-1.38	-1.42	1.02	0.029789	0.000271	0.000812	0.000002	0.281650	0.000045	0.000047	0.281637	0.000023	0.000024	*a*	**0.281637**	**0.000023**	**0.000024**	**0.281610**	**0.000023**	**0.000024**	**-1.7**	**0.8**	**0.9**	**2524**	**51**
SMAL119263-79	26.10.2022	13265	11:45:41	41.1	1252	7	-28	12.3	-1.38	-1.40	1.01	0.025378	0.001267	0.000670	0.000020	0.281890	0.000044	0.000046	0.281877	0.000024	0.000025	*a*	**0.281877**	**0.000024**	**0.000025**	**0.281862**	**0.000024**	**0.000025**	**-4.6**	**0.8**	**0.9**	**2300**	**53**
~~SMAL119263-80~~	~~26.10.2022~~	~~13265~~	~~11:47:05~~	~~7.4~~	~~1913~~	~~9~~	~~-1~~	~~10.8~~	~~-1.38~~	~~-1.46~~	~~1.06~~	~~0.018886~~	~~0.000420~~	~~0.000669~~	~~0.000020~~	~~0.281693~~	~~0.000109~~	~~0.000115~~	~~0.281706~~	~~0.000055~~	~~0.000058~~	~~*a*~~	~~**0.281706**~~	~~**0.000055**~~	~~**0.000058**~~	~~**0.281681**~~	~~**0.000055**~~	~~**0.000058**~~	~~**4.2**~~	~~**2.0**~~	~~**2.1**~~	~~**2284**~~	~~**125**~~
SMAL119263-123	26.10.2022	13265	11:48:32	41.0	1754	6	0	12.9	-1.38	-1.41	1.02	0.048453	0.000703	0.001275	0.000018	0.281721	0.000047	0.000049	0.281713	0.000023	0.000024	*a*	**0.281713**	**0.000023**	**0.000024**	**0.281670**	**0.000023**	**0.000024**	**0.1**	**0.8**	**0.8**	**2404**	**51**
SMAL119263-81	26.10.2022	13265	11:49:57	41.0	1890	9	-2	9.7	-1.39	-1.44	1.04	0.029317	0.000175	0.000792	0.000003	0.281380	0.000057	0.000060	0.281380	0.000028	0.000029	*a*	**0.281380**	**0.000028**	**0.000029**	**0.281351**	**0.000028**	**0.000029**	**-8.1**	**1.0**	**1.0**	**3001**	**61**
SMAL119263-82	26.10.2022	13265	11:51:22	41.0	1703	6	-1	8.8	-1.38	-1.42	1.03	0.067174	0.000827	0.001858	0.000015	0.281857	0.000069	0.000072	0.281851	0.000034	0.000036	*a*	**0.281851**	**0.000034**	**0.000036**	**0.281791**	**0.000034**	**0.000036**	**3.2**	**1.2**	**1.3**	**2177**	**77**
~~SMAL119263-83~~	~~26.10.2022~~	~~13265~~	~~11:52:46~~	~~8.7~~	~~1916~~	~~7~~	~~-2~~	~~13.7~~	~~-1.38~~	~~-1.38~~	~~1.00~~	~~0.053499~~	~~0.001120~~	~~0.001372~~	~~0.000020~~	~~0.281700~~	~~0.000100~~	~~0.000105~~	~~0.281653~~	~~0.000050~~	~~0.000052~~	~~*a*~~	~~**0.281653**~~	~~**0.000050**~~	~~**0.000052**~~	~~**0.281603**~~	~~**0.000050**~~	~~**0.000052**~~	~~**1.5**~~	~~**1.8**~~	~~**1.9**~~	~~**2450**~~	~~**112**~~
SMAL119263-84	26.10.2022	13265	11:54:13	41.1	1809	6	-1	10.5	-1.38	-1.43	1.04	0.050815	0.000456	0.001326	0.000019	0.281497	0.000055	0.000058	0.281482	0.000026	0.000027	*a*	**0.281482**	**0.000026**	**0.000027**	**0.281436**	**0.000026**	**0.000027**	**-6.9**	**0.9**	**1.0**	**2870**	**58**
SMAL119263-85	26.10.2022	13265	11:57:11	41.1	1135	8	0	11.4	-1.38	-1.40	1.01	0.027010	0.000219	0.000740	0.000008	0.282149	0.000051	0.000053	0.282130	0.000025	0.000026	*a*	**0.282130**	**0.000025**	**0.000026**	**0.282114**	**0.000025**	**0.000026**	**1.7**	**0.9**	**0.9**	**1825**	**56**
SMAL119263-86	26.10.2022	13265	11:58:36	41.0	1542	8	-1	12.4	-1.39	-1.46	1.05	0.033200	0.000099	0.000886	0.000004	0.281936	0.000045	0.000048	0.281940	0.000022	0.000023	*a*	**0.281940**	**0.000022**	**0.000023**	**0.281915**	**0.000022**	**0.000023**	**3.9**	**0.8**	**0.8**	**2007**	**51**
SMAL119263-87	26.10.2022	13265	12:00:01	41.2	2739	4	0	9.8	-1.38	-1.42	1.03	0.041886	0.000660	0.001217	0.000009	0.281105	0.000059	0.000062	0.281104	0.000029	0.000030	*a*	**0.281104**	**0.000029**	**0.000030**	**0.281040**	**0.000029**	**0.000030**	**0.6**	**1.0**	**1.1**	**3149**	**64**
SMAL119263-88	26.10.2022	13265	12:01:27	41.1	1471	5	0	12.3	-1.38	-1.42	1.03	0.029288	0.000531	0.000798	0.000015	0.281870	0.000047	0.000050	0.281864	0.000023	0.000025	*a*	**0.281864**	**0.000023**	**0.000025**	**0.281842**	**0.000023**	**0.000025**	**-0.3**	**0.8**	**0.9**	**2208**	**53**

SMAL119263-89	26.10.2022	13265	12:02:52	41.0	1549	5	0	11.5	-1.39	-1.39	1.00	0.018819	0.000345	0.000482	0.000008	0.281876	0.000044	0.000046	0.281869	0.000025	0.000026	*a*	0.281869	0.000025	0.000026	0.281855	0.000025	0.000026	2.0	0.9	0.9	2132	56
SMAL119263-90	26.10.2022	13265	12:04:17	41.0	1333	15	0	10.3	-1.39	-1.40	1.01	0.042849	0.000387	0.001103	0.000005	0.282040	0.000057	0.000060	0.282018	0.000027	0.000029	*a*	0.282018	0.000027	0.000029	0.281990	0.000027	0.000029	1.8	1.0	1.0	1971	63
SMAL119263-91	26.10.2022	13265	12:18:40	41.0	1943	4	0	11.3	-1.38	-1.40	1.02	0.009648	0.000104	0.000265	0.000001	0.281682	0.000049	0.000051	0.281685	0.000025	0.000026	*a*	0.281685	0.000025	0.000026	0.281675	0.000025	0.000026	4.7	0.9	0.9	2280	56
SMAL119263-92	26.10.2022	13265	12:20:05	41.0	1348	6	-73	16.0	-1.37	-1.38	1.01	0.600441	0.003555	0.011447	0.000054	0.281578	0.000085	0.000089	0.281105	0.000054	0.000057	*b*	0.281578	0.000085	0.000089	0.281287	0.000085	0.000089	-22.8	3.0	3.2	3469	189
SMAL119263-93	26.10.2022	13265	12:21:31	41.0	1087	6	0	13.0	-1.38	-1.42	1.03	0.062564	0.000348	0.001585	0.000005	0.282121	0.000046	0.000048	0.282113	0.000024	0.000025	*a*	0.282113	0.000024	0.000025	0.282080	0.000024	0.000025	-0.6	0.8	0.9	1928	54
SMAL119263-94	26.10.2022	13265	12:22:56	41.1	1585	8	-21	12.6	-1.37	-1.39	1.01	0.151475	0.002102	0.003492	0.000043	0.281922	0.000056	0.000059	0.281812	0.000026	0.000027	*b*	0.281922	0.000056	0.000059	0.281817	0.000056	0.000059	1.4	2.0	2.1	2192	127
SMAL119263-95	26.10.2022	13265	12:24:21	41.1	1226	8	3	11.8	-1.38	-1.42	1.03	0.028333	0.000226	0.000711	0.000003	0.282081	0.000047	0.000049	0.282071	0.000024	0.000025	*a*	0.282071	0.000024	0.000025	0.282054	0.000024	0.000025	1.7	0.9	0.9	1898	55
SMAL119263-96	26.10.2022	13265	12:25:46	41.0	1933	5	0	9.9	-1.38	-1.43	1.05	0.014714	0.000112	0.000403	0.000005	0.281692	0.000063	0.000066	0.281685	0.000030	0.000032	*a*	0.281685	0.000030	0.000032	0.281670	0.000030	0.000032	4.3	1.1	1.1	2296	68
SMAL119263-97	26.10.2022	13265	12:28:45	41.0	1888	6	0	11.0	-1.38	-1.46	1.06	0.020587	0.000120	0.000564	0.000004	0.281457	0.000048	0.000050	0.281476	0.000024	0.000025	*a*	0.281476	0.000024	0.000025	0.281456	0.000024	0.000025	-4.4	0.8	0.9	2780	53
SMAL119263-98	26.10.2022	13265	12:30:11	41.0	1890	8	-1	10.2	-1.38	-1.46	1.07	0.015176	0.000133	0.000407	0.000005	0.281381	0.000054	0.000057	0.281396	0.000027	0.000029	*a*	0.281396	0.000027	0.000029	0.281382	0.000027	0.000029	-7.0	1.0	1.0	2937	61
SMAL119263-99	26.10.2022	13265	12:31:36	41.2	1350	7	1	13.3	-1.39	-1.43	1.03	0.019246	0.000454	0.000529	0.000007	0.282010	0.000042	0.000044	0.282008	0.000023	0.000024	*a*	0.282008	0.000023	0.000024	0.281995	0.000023	0.000024	2.4	0.8	0.8	1951	51
SMAL119263-100	26.10.2022	13265	12:33:01	41.1	1896	10	-1	11.1	-1.38	-1.55	1.11	0.011251	0.000105	0.000314	0.000000	0.281497	0.000048	0.000050	0.281520	0.000027	0.000028	*a*	0.281520	0.000027	0.000028	0.281509	0.000027	0.000028	-2.3	0.9	1.0	2663	59
SMAL119263-101	26.10.2022	13265	12:34:25	19.3	1692	6	0	15.6	-1.36	-1.37	1.01	0.163057	0.003570	0.003801	0.000140	0.281952	0.000071	0.000075	0.281843	0.000034	0.000036	*b*	0.281952	0.000071	0.000075	0.281830	0.000071	0.000075	4.4	2.5	2.7	2098	162
SMAL119263-102	26.10.2022	13265	12:35:52	41.1	2519	5	0	13.3	-1.37	-1.42	1.03	0.022482	0.000648	0.000559	0.000012	0.281092	0.000040	0.000042	0.281084	0.000022	0.000023	*a*	0.281084	0.000022	0.000023	0.281057	0.000022	0.000023	-3.9	0.8	0.8	3244	48
SMAL119263-103	26.10.2022	13265	12:38:52	41.2	1839	8	0	9.8	-1.38	-1.43	1.04	0.023890	0.000153	0.000638	0.000003	0.281499	0.000050	0.000052	0.281499	0.000027	0.000028	*a*	0.281499	0.000027	0.000028	0.281477	0.000027	0.000028	-4.8	0.9	1.0	2766	60
SMAL119263-104	26.10.2022	13265	12:40:17	41.0	2941	10	-9	14.2	-1.38	-1.43	1.04	0.028467	0.001199	0.000652	0.000030	0.280951	0.000042	0.000044	0.280943	0.000022	0.000023	*a*	0.280943	0.000022	0.000023	0.280906	0.000022	0.000023	0.6	0.8	0.8	3308	48
SMAL119263-105	26.10.2022	13265	12:41:42	27.1	922	6	-2	10.7	-1.38	-1.42	1.03	0.039479	0.000373	0.001058	0.000025	0.282220	0.000069	0.000073	0.282214	0.000033	0.000035	*a*	0.282214	0.000033	0.000035	0.282195	0.000033	0.000035	-0.2	1.2	1.2	1779	77
SMAL119263-106	26.10.2022	13265	12:43:07	29.7	1670	5	-1	14.2	-1.38	-1.38	1.01	0.012544	0.000224	0.000366	0.000002	0.281872	0.000043	0.000045	0.281873	0.000023	0.000024	*a*	0.281873	0.000023	0.000024	0.281861	0.000023	0.000024	5.0	0.8	0.9	2045	53
~~SMAL119263-107~~	~~26.10.2022~~	~~13265~~	~~12:44:32~~	~~13.2~~	~~2069~~	~~5~~	~~-2~~	~~14.0~~	~~-1.36~~	~~-1.37~~	~~1.01~~	~~0.036559~~	~~0.000767~~	~~0.000938~~	~~0.000022~~	~~0.281201~~	~~0.000082~~	~~0.000087~~	~~0.281176~~	~~0.000040~~	~~0.000042~~	~~*a*~~	~~0.281176~~	~~0.000040~~	~~0.000042~~	~~0.281139~~	~~0.000040~~	~~0.000042~~	~~-11.5~~	~~1.4~~	~~1.5~~	~~3340~~	~~88~~
SMAL119263-108	26.10.2022	13265	12:45:58	41.1	1906	8	0	11.7	-1.38	-1.70	1.24	0.001783	0.000024	0.000038	0.000001	0.281488	0.000046	0.000048	0.281529	0.000025	0.000026	*a*	0.281529	0.000025	0.000026	0.281528	0.000025	0.000026	-1.4	0.9	0.9	2617	55
SMAL119263-109	26.10.2022	13265	12:48:58	41.0	1398	9	0	10.0	-1.37	-1.41	1.02	0.043303	0.000953	0.001150	0.000012	0.281953	0.000057	0.000060	0.281936	0.000030	0.000031	*a*	0.281936	0.000030	0.000031	0.281906	0.000030	0.000031	0.3	1.1	1.1	2114	68
SMAL119263-110	26.10.2022	13265	12:50:23	41.1	1731	5	-2	14.0	-1.39	-1.41	1.02	0.034031	0.000247	0.000943	0.000002	0.281799	0.000041	0.000043	0.281778	0.000020	0.000021	*a*	0.281778	0.000020	0.000021	0.281747	0.000020	0.000021	2.3	0.7	0.7	2253	45
SMAL119263-111	26.10.2022	13265	12:51:48	41.0	1911	6	0	12.2	-1.38	-1.47	1.07	0.018716	0.000369	0.000510	0.000010	0.281551	0.000042	0.000044	0.281570	0.000023	0.000024	*a*	0.281570	0.000023	0.000024	0.281552	0.000023	0.000024	-0.4	0.8	0.8	2562	51
SMAL119263-112	26.10.2022	13265	12:53:13	41.1	1882	7	1	9.2	-1.37	-1.40	1.02	0.034594	0.000446	0.000972	0.000005	0.281397	0.000063	0.000066	0.281374	0.000030	0.000031	*a*	0.281374	0.000030	0.000031	0.281339	0.000030	0.000031	-8.7	1.1	1.1	3032	66
SMAL119263-113	26.10.2022	13265	12:54:39	41.0	2742	8	-1	10.3	-1.38	-1.42	1.03	0.043701	0.000916	0.001245	0.000030	0.281088	0.000051	0.000054	0.281093	0.000025	0.000026	*a*	0.281093	0.000025	0.000026	0.281027	0.000025	0.000026	0.2	0.9	0.9	3174	55
SMAL119263-114	26.10.2022	13265	12:56:04	41.1	1892	6	0	10.4	-1.37	-1.44	1.05	0.025647	0.000646	0.000721	0.000012	0.281413	0.000053	0.000055	0.281414	0.000026	0.000028	*a*	0.281414	0.000026	0.000028	0.281388	0.000026	0.000028	-6.7	0.9	1.0	2921	58
SMAL119263-115	26.10.2022	13265	12:59:02	41.1	1008	7	1	15.8	-1.37	-1.42	1.04	0.014396	0.000091	0.000427	0.000004	0.282318	0.000035	0.000037	0.282328	0.000019	0.000020	*a*	0.282328	0.000019	0.000020	0.282320	0.000019	0.000020	6.2	0.7	0.7	1450	45
SMAL119263-116	26.10.2022	13265	13:00:28	41.0	2691	5	1	11.2	-1.37	-1.41	1.03	0.039651	0.000335	0.001055	0.000003	0.281089	0.000053	0.000055	0.281079	0.000025	0.000026	*a*	0.281079	0.000025	0.000026	0.281024	0.000025	0.000026	-1.1	0.9	0.9	3210	55
SMAL119263-117	26.10.2022	13265	13:01:53	41.1	1258	16	-4	10.6	-1.37	-1.39	1.02	0.049530	0.000601	0.001313	0.000024	0.282049	0.000057	0.000060	0.282024	0.000029	0.000030	*a*	0.282024	0.000029	0.000030	0.281993	0.000029	0.000030	0.2	1.0	1.1	2012	66
SMAL119263-118	26.10.2022	13265	13:03:18	33.6	1472	4	-3	16.6	-1.37	-1.40	1.02	0.056724	0.001373	0.001485	0.000043	0.281922	0.000046	0.000049	0.281902	0.000025	0.000026	*a*	0.281902	0.000025	0.000026	0.281860	0.000025	0.000026	0.4	0.9	0.9	2168	56
SMAL119263-119	26.10.2022	13265	13:04:43	41.0	1146	10	0	11.2	-1.38	-1.40	1.02	0.024090	0.000274	0.000623	0.000002	0.282146	0.000049	0.000052	0.282140	0.000025	0.000026	*a*	0.282140	0.000025	0.000026	0.282127	0.000025	0.000026	2.4	0.9	0.9	1789	57

SMAL119263-120	26.10.2022	13265	13:06:08	41.0	1696	9	1	9.9	-1.37	-1.44	1.04	0.037138	0.000684	0.001040	0.000013	0.281796	0.000058	0.000061	0.281795	0.000029	0.000031	*a*	**0.281795**	**0.000029**	**0.000031**	**0.281761**	**0.000029**	**0.000031**	**2.0**	**1.0**	**1.1**	**2244**	**66**
SMAL119263-121	26.10.2022	13265	13:07:33	41.1	1070	12	0	11.0	-1.36	-1.43	1.05	0.020704	0.000153	0.000714	0.000007	0.282173	0.000055	0.000058	0.282181	0.000028	0.000029	*a*	**0.282181**	**0.000028**	**0.000029**	**0.282167**	**0.000028**	**0.000029**	**2.1**	**1.0**	**1.0**	**1749**	**64**

MORT119254

MORT119254-1	26.10.2022	13265	13:21:55	41.1	1905	9	-3	12.4	-1.37	-1.42	1.03	0.022730	0.000406	0.000626	0.000012	0.281433	0.000044	0.000046	0.281439	0.000024	0.000025	*a*	**0.281439**	**0.000024**	**0.000025**	**0.281417**	**0.000024**	**0.000025**	**-5.4**	**0.8**	**0.9**	**2853**	**53**
MORT119254-2	26.10.2022	13265	13:23:20	28.6	1637	6	-2	14.1	-1.34	-1.36	1.02	0.032166	0.001085	0.000977	0.000022	0.281761	0.000048	0.000050	0.281737	0.000026	0.000027	*a*	**0.281737**	**0.000026**	**0.000027**	**0.281707**	**0.000026**	**0.000027**	**-1.3**	**0.9**	**1.0**	**2397**	**58**
MORT119254-3	26.10.2022	13265	13:24:45	20.4	2400	10	-61	19.2	-1.34	-1.36	1.01	0.321437	0.016666	0.007037	0.000336	0.281256	0.000084	0.000088	0.281036	0.000040	0.000042	*b*	**0.281256**	**0.000084**	**0.000088**	**0.280934**	**0.000085**	**0.000090**	**-11.1**	**3.0**	**3.2**	**3572**	**187**
MORT119254-4	26.10.2022	13265	13:26:10	41.1	1447	15	-37	12.0	-1.36	-1.38	1.02	0.060592	0.000308	0.001559	0.000015	0.281817	0.000054	0.000057	0.281780	0.000025	0.000027	*a*	**0.281780**	**0.000025**	**0.000027**	**0.281737**	**0.000025**	**0.000027**	**-4.5**	**0.9**	**0.9**	**2447**	**57**
MORT119254-5	26.10.2022	13265	13:27:36	41.0	1381	8	-22	14.1	-1.37	-1.40	1.02	0.034886	0.000585	0.000904	0.000016	0.282001	0.000041	0.000043	0.281994	0.000023	0.000024	*a*	**0.281994**	**0.000023**	**0.000024**	**0.281970**	**0.000023**	**0.000024**	**2.2**	**0.8**	**0.9**	**1985**	**52**
MORT119254-6	26.10.2022	13265	13:29:01	41.0	1006	25	-4	12.9	-1.35	-1.39	1.03	0.030395	0.000245	0.000869	0.000008	0.282174	0.000044	0.000046	0.282169	0.000023	0.000024	*a*	**0.282169**	**0.000023**	**0.000024**	**0.282152**	**0.000023**	**0.000024**	**0.1**	**0.8**	**0.9**	**1821**	**53**
MORT119254-7	26.10.2022	13265	13:31:57	16.4	1233	8	-3	13.7	-1.34	-1.36	1.02	0.081556	0.001671	0.002499	0.000105	0.282168	0.000077	0.000081	0.282125	0.000038	0.000040	*a*	**0.282125**	**0.000038**	**0.000040**	**0.282067**	**0.000038**	**0.000040**	**2.3**	**1.3**	**1.4**	**1866**	**87**
MORT119254-8	26.10.2022	13265	13:33:23	21.4	3073	103	-86	16.9	-1.35	-1.39	1.02	0.329154	0.047961	0.006193	0.000857	0.281281	0.000090	0.000095	0.281079	0.000052	0.000054	*b*	**0.281281**	**0.000090**	**0.000095**	**0.280915**	**0.000104**	**0.000108**	**4.1**	**3.7**	**3.8**	**3214**	**224**
MORT119254-9	26.10.2022	13265	13:34:48	41.1	1734	12	1	12.1	-1.36	-1.38	1.02	0.034081	0.000966	0.000906	0.000020	0.281797	0.000044	0.000047	0.281782	0.000023	0.000025	*a*	**0.281782**	**0.000023**	**0.000025**	**0.281752**	**0.000024**	**0.000025**	**2.6**	**0.8**	**0.9**	**2240**	**53**
MORT119254-10	26.10.2022	13265	13:36:13	29.9	1229	11	-2	13.0	-1.35	-1.37	1.01	0.039769	0.000850	0.001106	0.000035	0.282120	0.000050	0.000052	0.282087	0.000026	0.000027	*a*	**0.282087**	**0.000026**	**0.000027**	**0.282061**	**0.000026**	**0.000027**	**2.0**	**0.9**	**1.0**	**1882**	**60**
MORT119254-11	26.10.2022	13265	13:37:38	19.9	1451	17	1	14.1	-1.36	-1.39	1.02	0.050533	0.000334	0.001567	0.000022	0.281886	0.000067	0.000071	0.281860	0.000032	0.000034	*a*	**0.281860**	**0.000032**	**0.000034**	**0.281817**	**0.000032**	**0.000034**	**-1.6**	**1.1**	**1.2**	**2274**	**72**
MORT119254-12	26.10.2022	13265	13:39:03	41.1	1855	9	-1	10.7	-1.36	-1.38	1.02	0.021297	0.000225	0.000572	0.000003	0.281621	0.000049	0.000052	0.281627	0.000025	0.000026	*a*	**0.281627**	**0.000025**	**0.000026**	**0.281606**	**0.000025**	**0.000026**	**0.2**	**0.9**	**0.9**	**2480**	**56**
MORT119254-13	26.10.2022	13265	13:41:59	41.0	1258	8	-2	13.5	-1.36	-1.38	1.02	0.025635	0.000112	0.000668	0.000007	0.282118	0.000039	0.000041	0.282104	0.000023	0.000024	*a*	**0.282104**	**0.000023**	**0.000024**	**0.282088**	**0.000023**	**0.000024**	**3.6**	**0.8**	**0.9**	**1805**	**52**
MORT119254-14	26.10.2022	13265	13:43:25	41.0	2847	5	-9	13.1	-1.37	-1.38	1.00	0.023498	0.000251	0.000673	0.000009	0.281005	0.000045	0.000047	0.280986	0.000023	0.000025	*a*	**0.280986**	**0.000023**	**0.000025**	**0.280949**	**0.000023**	**0.000025**	**0.0**	**0.8**	**0.9**	**3275**	**51**
MORT119254-15	26.10.2022	13265	13:44:50	28.2	1052	22	0	11.6	-1.35	-1.37	1.01	0.034188	0.000631	0.000843	0.000010	0.282263	0.000057	0.000060	0.282242	0.000029	0.000030	*a*	**0.282242**	**0.000029**	**0.000030**	**0.282226**	**0.000029**	**0.000030**	**3.8**	**1.0**	**1.1**	**1631**	**66**
MORT119254-16	26.10.2022	13265	13:46:15	36.8	2540	8	-3	13.1	-1.36	-1.41	1.03	0.034201	0.001194	0.000897	0.000025	0.281250	0.000046	0.000048	0.281245	0.000023	0.000025	*a*	**0.281245**	**0.000023**	**0.000025**	**0.281201**	**0.000023**	**0.000025**	**1.7**	**0.8**	**0.9**	**2928**	**52**
MORT119254-17	26.10.2022	13265	13:47:40	41.0	3051	6	-68	14.6	-1.35	-1.34	1.00	0.090975	0.003608	0.001960	0.000060	0.281118	0.000044	0.000046	0.281032	0.000023	0.000024	*b*	**0.281118**	**0.000044**	**0.000046**	**0.281003**	**0.000044**	**0.000046**	**6.7**	**1.6**	**1.7**	**3042**	**97**
MORT119254-19	26.10.2022	13265	13:52:02	41.0	1830	5	-18	12.7	-1.37	-1.38	1.00	0.099765	0.003116	0.002122	0.000058	0.281697	0.000051	0.000053	0.281595	0.000025	0.000026	*b*	**0.281697**	**0.000051**	**0.000053**	**0.281624**	**0.000051**	**0.000053**	**0.2**	**1.8**	**1.9**	**2458**	**114**
MORT119254-20	26.10.2022	13265	13:53:27	19.0	1765	5	-3	13.7	-1.37	-1.38	1.01	0.027388	0.000522	0.000808	0.000031	0.281700	0.000066	0.000069	0.281682	0.000035	0.000037	*a*	**0.281682**	**0.000035**	**0.000037**	**0.281655**	**0.000035**	**0.000037**	**-0.1**	**1.2**	**1.3**	**2429**	**79**
MORT119254-21	26.10.2022	13265	13:54:52	18.2	1555	5	-3	9.0	-1.37	-1.32	0.97	0.031577	0.000366	0.001030	0.000014	0.281852	0.000090	0.000094	0.281799	0.000047	0.000050	*a*	**0.281799**	**0.000047**	**0.000050**	**0.281768**	**0.000047**	**0.000050**	**-1.0**	**1.7**	**1.8**	**2315**	**107**
MORT119254-22	26.10.2022	13265	13:56:17	19.3	1169	7	7	10.9	-1.36	-1.32	0.97	0.035874	0.000259	0.001233	0.000008	0.282212	0.000072	0.000076	0.282149	0.000035	0.000037	*a*	**0.282149**	**0.000035**	**0.000037**	**0.282122**	**0.000035**	**0.000037**	**2.8**	**1.3**	**1.3**	**1786**	**81**
MORT119254-23	26.10.2022	13265	13:57:43	41.0	1566	8	-7	12.4	-1.35	-1.39	1.03	0.035248	0.000621	0.001084	0.000010	0.281935	0.000047	0.000049	0.281937	0.000024	0.000025	*a*	**0.281937**	**0.000024**	**0.000025**	**0.281905**	**0.000024**	**0.000025**	**4.2**	**0.9**	**0.9**	**2013**	**55**
~~MORT119254-24~~	~~26.10.2022~~	~~13265~~	~~13:59:08~~	~~41.0~~	~~1703~~	~~5~~	~~-18~~	~~0.3~~	~~-1.51~~	~~6.28~~	~~0.42~~	~~0.043820~~	~~0.003687~~	~~0.000834~~	~~0.000107~~	~~0.232954~~	~~0.025993~~	~~0.027292~~	~~0.281307~~	~~0.004878~~	~~0.005122~~	~~*a*~~	~~**0.281307**~~	~~**0.004878**~~	~~**0.005122**~~	~~**0.281280**~~	~~**0.004878**~~	~~**0.005122**~~	~~**-14.9**~~	~~**173.4**~~	~~**182.1**~~	~~**3266**~~	~~**12079**~~
MORT119254-25	26.10.2022	13265	14:02:04	41.1	1443	6	-5	12.4	-1.37	-1.37	1.00	0.025938	0.000483	0.000876	0.000010	0.281958	0.000050	0.000053	0.281931	0.000026	0.000028	*a*	**0.281931**	**0.000026**	**0.000028**	**0.281907**	**0.000026**	**0.000028**	**1.4**	**0.9**	**1.0**	**2084**	**60**
MORT119254-26	26.10.2022	13265	14:03:30	19.3	1350	5	-2	16.6	-1.36	-1.36	1.01	0.024346	0.000307	0.000742	0.000019	0.282016	0.000049	0.000051	0.282009	0.000029	0.000031	*a*	**0.282009**	**0.000029**	**0.000031**	**0.281990**	**0.000029**	**0.000031**	**2.2**	**1.0**	**1.1**	**1962**	**66**
~~MORT119254-27~~	~~26.10.2022~~	~~13265~~	~~14:04:55~~	~~41.0~~	~~4607~~	~~5~~	~~-100~~	~~0.2~~	~~-1.35~~	~~1.09~~	~~1.56~~	~~0.128938~~	~~0.019126~~	~~0.001952~~	~~0.000259~~	~~0.259753~~	~~0.011733~~	~~0.012320~~	~~0.282077~~	~~0.003287~~	~~0.003451~~	~~*b*~~	~~**0.259753**~~	~~**0.011733**~~	~~**0.012320**~~	~~**0.259577**~~	~~**0.011733**~~	~~**0.012320**~~	~~**-721.7**~~	~~**452.0**~~	~~**474.6**~~	~~**34680**~~	~~**16252**~~

~~MORT119254-28~~	~~26.10.2022~~	~~13265~~	~~14:06:20~~	~~12.8~~	~~4614~~	~~4~~	~~-100~~	~~9.3~~	~~-1.35~~	~~-1.31~~	~~0.98~~	~~0.103098~~	~~0.002422~~	~~0.002768~~	~~0.000048~~	~~0.282145~~	~~0.000116~~	~~0.000122~~	~~0.281996~~	~~0.000052~~	~~0.000055~~	~~*b*~~	~~**0.282145**~~	~~**0.000116**~~	~~**0.000122**~~	~~**0.281896**~~	~~**0.000116**~~	~~**0.000122**~~	~~**76.3**~~	~~**4.1**~~	~~**4.3**~~	~~**252**~~	~~**265**~~
~~MORT119254-29~~	~~26.10.2022~~	~~13265~~	~~14:07:44~~	~~4.3~~	~~2090~~	~~4~~	~~-1~~	~~15.8~~	~~-1.36~~	~~-1.37~~	~~1.01~~	~~0.033923~~	~~0.000363~~	~~0.000829~~	~~0.000009~~	~~0.281404~~	~~0.000116~~	~~0.000121~~	~~0.281382~~	~~0.000063~~	~~0.000067~~	~~*a*~~	~~**0.281382**~~	~~**0.000063**~~	~~**0.000067**~~	~~**0.281349**~~	~~**0.000063**~~	~~**0.000067**~~	~~**-3.5**~~	~~**2.3**~~	~~**2.4**~~	~~**2885**~~	~~**141**~~
~~MORT119254-30~~	~~26.10.2022~~	~~13265~~	~~14:09:11~~	~~41.3~~	~~1757~~	~~18~~	~~-54~~	~~0.0~~	~~-11.01~~	~~19.09~~	~~-1.02~~	~~3165.1944684~~	~~6351.885599~~	~~-0.008804~~	~~0.052348~~	~~7.617758~~	~~17.168305~~	~~18.026720~~	~~-2854.991425~~	~~5730.122941~~	~~6016.629088~~	~~*a*~~	~~**-2854.991425**~~	~~**5730.122941**~~	~~**6016.629088**~~	~~**-2854.991132**~~	~~**5730.122941**~~	~~**6016.629088**~~	~~**-101371393.2**~~	~~**-20070.5**~~	~~**-21074.1**~~	~~**626217**~~	~~**#NUM!**~~
~~MORT119254-31~~	~~26.10.2022~~	~~13266~~	~~15:19:12~~	~~1.2~~	~~1792~~	~~11~~	~~-49~~	~~0.9~~	~~-1.22~~	~~-0.99~~	~~0.81~~	~~0.149553~~	~~0.004619~~	~~0.003466~~	~~0.000194~~	~~0.279518~~	~~0.006357~~	~~0.006675~~	~~0.278984~~	~~0.002608~~	~~0.002738~~	~~*b*~~	~~**0.279518**~~	~~**0.006357**~~	~~**0.006675**~~	~~**0.279401**~~	~~**0.006357**~~	~~**0.006675**~~	~~**-79.6**~~	~~**227.5**~~	~~**238.9**~~	~~**7039**~~	~~**15051**~~
MORT119254-32	26.10.2022	13266	15:20:39	25.9	1895	13	1	13.8	-1.36	-1.41	1.04	0.029140	0.001398	0.000705	0.000035	0.281549	0.000052	0.000055	0.281545	0.000028	0.000029	*a*	**0.281545**	**0.000028**	**0.000029**	**0.281520**	**0.000028**	**0.000029**	**-2.0**	**1.0**	**1.0**	**2641**	**63**
~~MORT119254-33~~	~~26.10.2022~~	~~13266~~	~~15:22:03~~	~~11.1~~	~~1039~~	~~6~~	~~-3~~	~~17.8~~	~~-1.35~~	~~-1.37~~	~~1.02~~	~~0.014892~~	~~0.000673~~	~~0.000414~~	~~0.000011~~	~~0.282172~~	~~0.000066~~	~~0.000069~~	~~0.282154~~	~~0.000036~~	~~0.000038~~	~~*a*~~	~~**0.282154**~~	~~**0.000036**~~	~~**0.000038**~~	~~**0.282146**~~	~~**0.000036**~~	~~**0.000038**~~	~~**0.7**~~	~~**1.3**~~	~~**1.3**~~	~~**1813**~~	~~**82**~~
MORT119254-34	26.10.2022	13266	15:23:29	23.6	1702	7	-2	14.6	-1.36	-1.38	1.01	0.043836	0.000716	0.001164	0.000019	0.281874	0.000049	0.000051	0.281841	0.000026	0.000028	*a*	**0.281841**	**0.000026**	**0.000028**	**0.281803**	**0.000026**	**0.000028**	**3.7**	**0.9**	**1.0**	**2150**	**60**
MORT119254-35	26.10.2022	13266	15:24:54	18.6	2753	3	-3	14.6	-1.35	-1.38	1.02	0.034012	0.001073	0.001109	0.000020	0.281081	0.000056	0.000059	0.281061	0.000030	0.000031	*a*	**0.281061**	**0.000030**	**0.000031**	**0.281003**	**0.000030**	**0.000031**	**-0.4**	**1.1**	**1.1**	**3219**	**66**
~~MORT119254-36~~	~~26.10.2022~~	~~13266~~	~~15:26:20~~	~~41.0~~	~~1820~~	~~4~~	~~-2~~	~~0.0~~	~~-12.31~~	~~13.85~~	~~0.91~~	~~-863.833894~~	~~1761.586593~~	~~0.059707~~	~~0.170882~~	~~-0.415713~~	~~5.545574~~	~~5.822853~~	~~794.707243~~	~~1619.093792~~	~~1700.048482~~	~~*a*~~	~~**794.707243**~~	~~**1619.093792**~~	~~**1700.048482**~~	~~**794.705179**~~	~~**1619.093792**~~	~~**1700.048482**~~	~~**28208692.6**~~	~~**20373.5**~~	~~**21392.2**~~	~~**#NUM!**~~	~~**#NUM!**~~
~~MORT119254-37~~	~~26.10.2022~~	~~13266~~	~~15:29:16~~	~~41.1~~	~~1252~~	~~5~~	~~-3~~	~~0.0~~	~~-10.27~~	~~23.92~~	~~-0.54~~	~~-10.679027~~	~~53.705097~~	~~-0.049368~~	~~0.083983~~	~~-3.190729~~	~~18.709205~~	~~19.644666~~	~~10.001304~~	~~50.173363~~	~~52.682031~~	~~*a*~~	~~**10.001304**~~	~~**50.173363**~~	~~**52.682031**~~	~~**10.002472**~~	~~**50.173363**~~	~~**52.682031**~~	~~**344710.1**~~	~~**50161.0**~~	~~**52669.0**~~	~~**#NUM!**~~	~~**#NUM!**~~
MORT119254-38	26.10.2022	13266	15:30:42	29.9	1590	9	-4	12.7	-1.36	-1.39	1.03	0.050915	0.000379	0.001384	0.000016	0.281872	0.000052	0.000054	0.281855	0.000024	0.000025	*a*	**0.281855**	**0.000024**	**0.000025**	**0.281814**	**0.000024**	**0.000025**	**1.5**	**0.9**	**0.9**	**2196**	**54**
~~MORT119254-39~~	~~26.10.2022~~	~~13266~~	~~15:32:06~~	~~7.7~~	~~1548~~	~~6~~	~~1~~	~~15.7~~	~~-1.36~~	~~-1.39~~	~~1.02~~	~~0.032693~~	~~0.000874~~	~~0.001064~~	~~0.000047~~	~~0.281997~~	~~0.000081~~	~~0.000085~~	~~0.281959~~	~~0.000048~~	~~0.000050~~	~~*a*~~	~~**0.281959**~~	~~**0.000048**~~	~~**0.000050**~~	~~**0.281928**~~	~~**0.000048**~~	~~**0.000050**~~	~~**4.5**~~	~~**1.7**~~	~~**1.8**~~	~~**1975**~~	~~**108**~~
MORT119254-40	26.10.2022	13266	15:33:32	17.8	2260	12	-1	15.6	-1.36	-1.34	0.99	0.052998	0.002576	0.001236	0.000079	0.282001	0.000059	0.000062	0.281919	0.000037	0.000039	*a*	**0.281919**	**0.000037**	**0.000039**	**0.281866**	**0.000037**	**0.000039**	**18.8**	**1.3**	**1.4**	**1678**	**84**
MORT119254-41	26.10.2022	13266	15:34:57	29.9	1404	10	-1	13.9	-1.35	-1.37	1.01	0.036727	0.000588	0.000960	0.000016	0.282094	0.000049	0.000051	0.282062	0.000025	0.000026	*a*	**0.282062**	**0.000025**	**0.000026**	**0.282036**	**0.000025**	**0.000026**	**5.1**	**0.9**	**0.9**	**1827**	**56**
MORT119254-42	26.10.2022	13266	15:36:22	25.0	2422	10	-21	12.4	-1.36	-1.36	1.00	0.045539	0.001631	0.001194	0.000023	0.281302	0.000063	0.000066	0.281248	0.000032	0.000034	*a*	**0.281248**	**0.000032**	**0.000034**	**0.281193**	**0.000032**	**0.000034**	**-1.4**	1.1	1.2	3016	71
MORT119254-43	26.10.2022	13266	15:39:18	16.6	1495	6	1	13.9	-1.36	-1.35	1.00	0.014892	0.000137	0.000534	0.000013	0.281687	0.000070	0.000074	0.281670	0.000041	0.000043	*a*	**0.281670**	**0.000041**	**0.000043**	**0.281655**	**0.000041**	**0.000043**	**-6.3**	**1.4**	**1.5**	**2595**	**91**
~~MORT119254-44~~	~~26.10.2022~~	~~13266~~	~~15:40:43~~	~~41.0~~	~~3681~~	~~168~~	~~-89~~	~~0.1~~	~~-17.81~~	~~22.00~~	~~2.79~~	~~-5892.412654~~	~~13255.248606~~	~~0.487811~~	~~1.010971~~	~~73.232064~~	~~142.718629~~	~~149.854560~~	~~5418.008717~~	~~12215.582245~~	~~12826.361357~~	~~*a*~~	~~**5418.008717**~~	~~**12215.582245**~~	~~**12826.361357**~~	~~**5417.974013**~~	~~**12215.582245**~~	~~**12826.361357**~~	~~**193216756.0**~~	~~**22546.4**~~	~~**23673.7**~~	~~**#NUM!**~~	~~**#NUM!**~~
MORT119254-45	26.10.2022	13266	15:42:10	26.7	3633	259	-93	13.4	-1.36	-1.36	1.00	0.021694	0.000241	0.000565	0.000003	0.282252	0.000055	0.000058	0.282227	0.000025	0.000026	*a*	**0.282227**	**0.000025**	**0.000026**	**0.282188**	**0.000025**	**0.000026**	**62.8**	0.9	0.9	172	57
~~MORT119254-46~~	~~26.10.2022~~	~~13266~~	~~15:43:34~~	~~9.0~~	~~1358~~	~~112~~	~~-64~~	~~16.7~~	~~-1.35~~	~~-1.37~~	~~1.01~~	~~0.188808~~	~~0.009834~~	~~0.004963~~	~~0.000270~~	~~0.282300~~	~~0.000098~~	~~0.000103~~	~~0.282216~~	~~0.000042~~	~~0.000044~~	~~*b*~~	~~**0.282300**~~	~~**0.000098**~~	~~**0.000103**~~	~~**0.282172**~~	~~**0.000098**~~	~~**0.000103**~~	~~**8.9**~~	~~**3.5**~~	~~**3.7**~~	~~**1558**~~	~~**227**~~
~~MORT119254-47~~	~~26.10.2022~~	~~13266~~	~~15:45:00~~	~~41.1~~	~~2469~~	~~49~~	~~-81~~	~~0.0~~	~~-7.92~~	~~24.56~~	~~1.29~~	~~0.226573~~	~~4.524260~~	~~0.007353~~	~~0.009732~~	~~-0.767743~~	~~0.895810~~	~~0.940601~~	~~0.079508~~	~~4.353172~~	~~4.570830~~	~~*b*~~	~~**-0.767743**~~	~~**0.895810**~~	~~**0.940601**~~	~~**-0.768090**~~	~~**0.895810**~~	~~**0.940601**~~	~~**-37314.8**~~	~~**-11662.8**~~	~~**-12246.0**~~	~~**203461**~~	~~**111460**~~
MORT119254-48	26.10.2022	13266	15:46:25	29.9	1389	7	-2	16.9	-1.35	-1.35	1.01	0.043233	0.000433	0.001123	0.000004	0.282125	0.000042	0.000044	0.282096	0.000021	0.000022	*a*	**0.282096**	**0.000021**	**0.000022**	**0.282067**	**0.000021**	**0.000022**	**5.8**	**0.8**	**0.8**	**1770**	**49**
~~MORT119254-49~~	~~26.10.2022~~	~~13266~~	~~15:49:22~~	~~41.0~~	~~2885~~	~~3~~	~~1~~	~~0.0~~	~~-3.59~~	~~1.14~~	~~-0.08~~	~~-2.899932~~	~~3.741301~~	~~0.005081~~	~~0.005076~~	~~-0.639332~~	~~2.778626~~	~~2.917557~~	~~3.112540~~	~~3.659574~~	~~3.842552~~	~~*a*~~	~~**3.112540**~~	~~**3.659574**~~	~~**3.842552**~~	~~**3.112259**~~	~~**3.659574**~~	~~**3.842552**~~	~~**100785.9**~~	~~**11758.6**~~	~~**12346.5**~~	~~**#NUM!**~~	~~**#NUM!**~~
~~MORT119254-50~~	~~26.10.2022~~	~~13266~~	~~15:50:47~~	~~41.0~~	~~1024~~	~~6~~	~~-2~~	~~0.0~~	~~-25.27~~	~~10.72~~	~~-0.68~~	~~-219.913670~~	~~401.151574~~	~~0.200273~~	~~0.556941~~	~~-6.412476~~	~~9.195199~~	~~9.654959~~	~~206.074567~~	~~373.985287~~	~~392.684551~~	~~*a*~~	~~**206.074567**~~	~~**373.985287**~~	~~**392.684551**~~	~~**206.070701**~~	~~**373.985287**~~	~~**392.684551**~~	~~**7293939.5**~~	~~**18148.4**~~	~~**19055.8**~~	~~**#NUM!**~~	~~**#NUM!**~~
MORT119254-51	26.10.2022	13266	15:52:13	29.1	2728	9	-14	14.4	-1.36	-1.38	1.01	0.013659	0.000315	0.000382	0.000006	0.281080	0.000047	0.000049	0.281069	0.000025	0.000026	*a*	**0.281069**	**0.000025**	**0.000026**	**0.281049**	**0.000025**	**0.000026**	**0.7**	0.9	0.9	3137	54
~~MORT119254-52~~	~~26.10.2022~~	~~13266~~	~~15:53:38~~	~~14.9~~	~~2719~~	~~4~~	~~-2~~	~~14.7~~	~~-1.35~~	~~-1.36~~	~~1.00~~	~~0.034399~~	~~0.000554~~	~~0.000981~~	~~0.000036~~	~~0.281045~~	~~0.000062~~	~~0.000065~~	~~0.281017~~	~~0.000032~~	~~0.000033~~	~~*a*~~	~~**0.281017**~~	~~**0.000032**~~	~~**0.000033**~~	~~**0.280966**~~	~~**0.000032**~~	~~**0.000033**~~	~~**-2.5**~~	~~**1.1**~~	~~**1.2**~~	~~**3316**~~	~~**70**~~
MORT119254-53	26.10.2022	13266	15:55:02	15.5	2729	7	-37	17.9	-1.34	-1.37	1.01	0.156604	0.008598	0.003622	0.000226	0.281207	0.000066	0.000069	0.281112	0.000030	0.000031	*b*	**0.281207**	**0.000066**	**0.000069**	**0.281018**	**0.000067**	**0.000070**	**-0.4**	2.4	2.5	3201	147
MORT119254-54	26.10.2022	13266	15:56:28	16.3	1161	10	-1	15.1	-1.37	-1.39	1.02	0.031994	0.000478	0.000802	0.000002	0.282245	0.000058	0.000061	0.282219	0.000031	0.000033	*a*	**0.282219**	**0.000031**	**0.000033**	**0.282202**	**0.000031**	**0.000033**	**5.4**	**1.1**	**1.2**	**1616**	**72**
MORT119254-55	26.10.2022	13266	15:59:25	41.1	1935	6	2	12.5	-1.36	-1.39	1.01	0.030770	0.000601	0.000760	0.000013	0.281648	0.000044	0.000046	0.281625	0.000022	0.000023	*a*	**0.281625**	**0.000022**	**0.000023**	**0.281597**	**0.000022**	**0.000023**	**1.7**	**0.8**	**0.8**	**2451**	**50**
MORT119254-56	26.10.2022	13266	16:00:49	22.8	1562	18	-34	16.2	-1.36	-1.39	1.02	0.075095	0.001293	0.001746	0.000019	0.282006	0.000050	0.000053	0.281980	0.000027	0.000028	*a*	**0.281980**	**0.000027**	**0.000028**	**0.281928**	**0.000027**	**0.000028**	**4.9**	0.9	1.0	1965	61
MORT119254-57	26.10.2022	13266	16:02:15	35.0	2026	7	0	14.4	-1.36	-1.37	1.01	0.038017	0.000572	0.000974	0.000008	0.281600	0.000046	0.000048	0.281575	0.000023	0.000025	*a*	**0.281575**	**0.000023**	**0.000025**	**0.281538**	**0.000023**	**0.000025**	**1.7**	**0.8**	**0.9**	**2523**	**52**
~~MORT119254-58~~	~~26.10.2022~~	~~13266~~	~~16:03:40~~	~~10.6~~	~~2710~~	~~7~~	~~-9~~	~~20.1~~	~~-1.36~~	~~-1.38~~	~~1.02~~	~~0.029199~~	~~0.001418~~	~~0.000774~~	~~0.000016~~	~~0.281131~~	~~0.000058~~	~~0.000061~~	~~0.281118~~	~~0.000034~~	~~0.000035~~	~~*a*~~	~~**0.281118**~~	~~**0.000034**~~	~~**0.000035**~~	~~**0.281078**~~	~~**0.000034**~~	~~**0.000035**~~	~~**1.3**~~	~~**1.2**~~	~~**1.3**~~	~~**3087**~~	~~**74**~~

MORT119254-59	26.10.2022	13266	16:05:05	17.6	1887	5	-5	11.2	-1.36	-1.38	1.02	0.028886	0.000474	0.000940	0.000032	0.281635	0.000083	0.000088	0.281625	0.000040	0.000042	*a*	**0.281625**	**0.000040**	**0.000042**	**0.281592**	**0.000040**	**0.000042**	**0.4**	**1.4**	**1.5**	**2492**	**90**
MORT119254-60	26.10.2022	13266	16:06:30	29.5	1619	8	-1	15.4	-1.36	-1.39	1.02	0.047287	0.001119	0.001374	0.000035	0.281864	0.000044	0.000047	0.281844	0.000024	0.000025	*a*	**0.281844**	**0.000024**	**0.000025**	**0.281801**	**0.000024**	**0.000025**	**1.7**	**0.8**	**0.9**	**2204**	**54**
MORT119254-61	26.10.2022	13266	16:20:52	32.0	1975	11	-5	16.2	-1.36	-1.38	1.01	0.083493	0.003727	0.001888	0.000078	0.281595	0.000044	0.000046	0.281541	0.000022	0.000023	*a*	**0.281541**	**0.000022**	**0.000023**	**0.281470**	**0.000022**	**0.000023**	**-1.9**	**0.8**	**0.8**	**2698**	**49**
MORT119254-62	26.10.2022	13266	16:22:16	18.1	1734	11	-55	21.7	-1.35	-1.36	1.01	0.171341	0.003464	0.003545	0.000066	0.281795	0.000062	0.000065	0.281673	0.000030	0.000031	*b*	**0.281795**	**0.000062**	**0.000065**	**0.281678**	**0.000062**	**0.000065**	**0.0**	**2.2**	**2.3**	**2399**	**140**
MORT119254-63	26.10.2022	13266	16:23:41	16.8	1503	6	-1	15.5	-1.36	-1.38	1.01	0.071384	0.000410	0.002186	0.000020	0.281896	0.000064	0.000068	0.281857	0.000034	0.000036	*a*	**0.281857**	**0.000034**	**0.000036**	**0.281795**	**0.000034**	**0.000036**	**-1.2**	**1.2**	**1.3**	**2289**	**78**
MORT119254-64	26.10.2022	13266	16:25:07	18.9	1698	10	-6	15.1	-1.35	-1.39	1.03	0.087785	0.001692	0.002413	0.000031	0.281853	0.000059	0.000062	0.281840	0.000030	0.000032	*a*	**0.281840**	**0.000030**	**0.000032**	**0.281763**	**0.000030**	**0.000032**	**2.1**	**1.1**	**1.1**	**2239**	**69**
MORT119254-65	26.10.2022	13266	16:26:33	41.0	1792	8	-1	14.1	-1.37	-1.41	1.04	0.034102	0.000996	0.000888	0.000020	0.281672	0.000041	0.000043	0.281665	0.000022	0.000023	*a*	**0.281665**	**0.000022**	**0.000023**	**0.281635**	**0.000022**	**0.000023**	**-0.3**	**0.8**	**0.8**	**2458**	**50**
MORT119254-66	26.10.2022	13266	16:27:58	41.0	1613	7	-11	12.2	-1.36	-1.40	1.03	0.055697	0.000578	0.001524	0.000014	0.281972	0.000052	0.000054	0.281954	0.000024	0.000025	*a*	**0.281954**	**0.000024**	**0.000025**	**0.281907**	**0.000024**	**0.000025**	5.3	0.9	0.9	1980	55
MORT119254-67	26.10.2022	13266	16:30:54	25.5	1917	6	0	14.6	-1.34	-1.36	1.01	0.052306	0.000785	0.001379	0.000023	0.281733	0.000049	0.000051	0.281705	0.000026	0.000027	*a*	**0.281705**	**0.000026**	**0.000027**	**0.281655**	**0.000026**	**0.000027**	**3.3**	**0.9**	**1.0**	**2339**	**59**
MORT119254-68	26.10.2022	13266	16:32:19	19.0	2696	6	-1	13.6	-1.36	-1.34	0.98	0.034571	0.000496	0.001032	0.000014	0.281050	0.000060	0.000063	0.281002	0.000032	0.000033	*a*	**0.281002**	**0.000032**	**0.000033**	**0.280949**	**0.000032**	**0.000033**	**-3.6**	**1.1**	**1.2**	**3365**	**70**
MORT119254-69	26.10.2022	13266	16:33:45	32.1	1126	17	-4	14.4	-1.37	-1.38	1.01	0.049722	0.001131	0.001242	0.000025	0.282219	0.000043	0.000046	0.282186	0.000024	0.000025	*a*	**0.282186**	**0.000024**	**0.000025**	**0.282160**	**0.000024**	**0.000025**	**3.1**	**0.8**	**0.9**	**1729**	**55**
MORT119254-70	26.10.2022	13266	16:35:09	21.1	2736	6	-6	12.5	-1.34	-1.36	1.01	0.054931	0.002689	0.001444	0.000054	0.281103	0.000065	0.000069	0.281087	0.000034	0.000035	*a*	**0.281087**	**0.000034**	**0.000035**	**0.281011**	**0.000034**	**0.000036**	**-0.5**	**1.2**	**1.3**	**3211**	**74**
MORT119254-71	26.10.2022	13266	16:36:34	22.7	1061	10	-3	12.7	-1.34	-1.38	1.03	0.023427	0.000374	0.000715	0.000015	0.282210	0.000057	0.000060	0.282203	0.000029	0.000031	*a*	**0.282203**	**0.000029**	**0.000031**	**0.282188**	**0.000029**	**0.000031**	**2.7**	**1.0**	**1.1**	**1707**	**67**
~~MORT119254-72~~	~~26.10.2022~~	~~13266~~	~~16:38:00~~	~~10.1~~	~~1238~~	~~6~~	~~-2~~	~~18.5~~	~~-1.36~~	~~-1.40~~	~~1.03~~	~~0.051220~~	~~0.001230~~	~~0.001301~~	~~0.000036~~	~~0.282102~~	~~0.000066~~	~~0.000070~~	~~0.282079~~	~~0.000035~~	~~0.000037~~	~~*a*~~	**~~0.282079~~**	**~~0.000035~~**	**~~0.000037~~**	**~~0.282049~~**	**~~0.000035~~**	**~~0.000037~~**	**~~1.8~~**	**~~1.3~~**	**~~1.3~~**	**~~1902~~**	**~~81~~**
~~MORT119254-73~~	~~26.10.2022~~	~~13266~~	~~16:40:56~~	~~12.1~~	~~2835~~	~~7~~	~~-7~~	~~13.8~~	~~-1.36~~	~~-1.40~~	~~1.04~~	~~0.033452~~	~~0.005226~~	~~0.000930~~	~~0.000137~~	~~0.281014~~	~~0.000073~~	~~0.000076~~	~~0.280999~~	~~0.000041~~	~~0.000043~~	~~*a*~~	**~~0.280999~~**	**~~0.000041~~**	**~~0.000043~~**	**~~0.280948~~**	**~~0.000042~~**	**~~0.000044~~**	**~~-0.4~~**	**~~1.5~~**	**~~1.6~~**	**~~3285~~**	**~~92~~**
MORT119254-74	26.10.2022	13266	16:42:21	21.4	1912	6	-2	17.0	-1.36	-1.39	1.02	0.020525	0.000297	0.000582	0.000009	0.281595	0.000047	0.000050	0.281583	0.000025	0.000026	*a*	**0.281583**	**0.000025**	**0.000026**	**0.281562**	**0.000025**	**0.000026**	**-0.1**	**0.9**	**0.9**	**2540**	**55**
MORT119254-75	26.10.2022	13266	16:43:47	22.1	1511	10	-1	14.1	-1.34	-1.41	1.05	0.030850	0.000467	0.000764	0.000006	0.281693	0.000054	0.000056	0.281703	0.000027	0.000028	*a*	**0.281703**	**0.000027**	**0.000028**	**0.281681**	**0.000027**	**0.000028**	**-5.1**	**1.0**	**1.0**	**2529**	**61**
MORT119254-77	26.10.2022	13266	16:46:38	29.3	1506	8	-2	15.9	-1.35	-1.35	1.00	0.120679	0.010893	0.002473	0.000214	0.281881	0.000056	0.000058	0.281775	0.000028	0.000030	*b*	**0.281881**	**0.000056**	**0.000058**	**0.281811**	**0.000056**	**0.000059**	**-0.6**	**2.0**	**2.1**	**2253**	**127**
MORT119254-78	26.10.2022	13266	16:48:03	22.8	1146	23	-2	12.3	-1.35	-1.40	1.04	0.038834	0.000290	0.000993	0.000006	0.282059	0.000059	0.000062	0.282058	0.000031	0.000032	*a*	**0.282058**	**0.000031**	**0.000032**	**0.282037**	**0.000031**	**0.000032**	**-0.8**	**1.1**	**1.1**	**1985**	**70**
MORT119254-79	26.10.2022	13266	16:51:01	41.0	1753	8	-6	14.0	-1.36	-1.41	1.03	0.031107	0.000617	0.000835	0.000009	0.281730	0.000046	0.000048	0.281721	0.000023	0.000024	*a*	**0.281721**	**0.000023**	**0.000024**	**0.281693**	**0.000023**	**0.000024**	**0.9**	**0.8**	**0.9**	**2356**	**52**
MORT119254-80	26.10.2022	13266	16:52:25	19.9	1019	6	-3	20.4	-1.36	-1.43	1.05	0.022455	0.001607	0.000537	0.000043	0.281878	0.000036	0.000038	0.281884	0.000022	0.000023	*a*	**0.281884**	**0.000022**	**0.000023**	**0.281874**	**0.000022**	**0.000023**	**-9.4**	**0.8**	**0.8**	**2418**	**49**
MORT119254-81	26.10.2022	13266	16:53:50	16.4	2300	8	-4	15.0	-1.35	-1.41	1.04	0.032427	0.000345	0.000907	0.000021	0.281211	0.000056	0.000059	0.281223	0.000033	0.000034	*a*	**0.281223**	**0.000033**	**0.000034**	**0.281183**	**0.000033**	**0.000034**	**-4.5**	**1.2**	**1.2**	**3109**	**72**
MORT119254-82	26.10.2022	13266	16:55:16	41.0	1489	7	-7	13.6	-1.37	-1.42	1.03	0.018924	0.000665	0.000593	0.000019	0.281940	0.000041	0.000043	0.281938	0.000022	0.000023	*a*	**0.281938**	**0.000022**	**0.000023**	**0.281921**	**0.000022**	**0.000023**	**2.9**	**0.8**	**0.8**	**2026**	**50**
MORT119254-83	26.10.2022	13266	16:56:40	18.6	1982	7	0	16.2	-1.36	-1.42	1.05	0.028461	0.000263	0.000770	0.000006	0.281554	0.000054	0.000056	0.281558	0.000029	0.000030	*a*	**0.281558**	**0.000029**	**0.000030**	**0.281529**	**0.000029**	**0.000030**	**0.4**	**1.0**	**1.1**	**2568**	**65**
MORT119254-84	26.10.2022	13266	16:58:06	36.5	1867	5	-9	18.3	-1.35	-1.37	1.01	0.099997	0.002059	0.002254	0.000020	0.281425	0.000043	0.000045	0.281363	0.000019	0.000020	*b*	**0.281425**	**0.000043**	**0.000045**	**0.281345**	**0.000043**	**0.000045**	**-8.8**	**1.5**	**1.6**	**3029**	**95**
MORT119254-85	26.10.2022	13266	17:01:04	36.0	2770	9	-3	12.6	-1.37	-1.37	1.00	0.068147	0.002445	0.001794	0.000065	0.281130	0.000052	0.000054	0.281072	0.000025	0.000026	*b*	**0.281130**	**0.000052**	**0.000054**	**0.281034**	**0.000052**	**0.000054**	**1.2**	**1.8**	**1.9**	**3142**	**114**
MORT119254-86	26.10.2022	13266	17:02:29	41.0	2298	18	-29	13.9	-1.36	-1.38	1.01	0.077040	0.004480	0.001558	0.000083	0.281605	0.000042	0.000044	0.281556	0.000021	0.000022	*a*	**0.281556**	**0.000021**	**0.000022**	**0.281488**	**0.000021**	**0.000022**	6.2	0.8	0.8	2466	48
MORT119254-87	26.10.2022	13266	17:03:54	33.8	1959	8	-1	15.1	-1.35	-1.36	1.01	0.036654	0.000900	0.000888	0.000025	0.281760	0.000040	0.000042	0.281730	0.000022	0.000023	*a*	**0.281730**	**0.000022**	**0.000023**	**0.281697**	**0.000022**	**0.000023**	**5.8**	**0.8**	**0.8**	**2222**	**49**
MORT119254-88	26.10.2022	13266	17:05:20	41.1	1029	19	1	9.3	-1.37	-1.40	1.02	0.027468	0.000072	0.000710	0.000004	0.282116	0.000060	0.000063	0.282101	0.000029	0.000030	*a*	**0.282101**	**0.000029**	**0.000030**	**0.282087**	**0.000029**	**0.000030**	**-1.6**	**1.0**	**1.1**	**1949**	**66**
MORT119254-89	26.10.2022	13266	17:06:45	41.2	1572	7	-1	11.2	-1.37	-1.41	1.04	0.105065	0.001949	0.002722	0.000034	0.281960	0.000060	0.000063	0.281954	0.000029	0.000030	*a*	**0.281954**	**0.000029**	**0.000030**	**0.281873**	**0.000029**	**0.000030**	**3.1**	**1.0**	**1.1**	**2079**	**66**
MORT119254-90	26.10.2022	13266	17:08:09	17.4	1480	12	-11	12.8	-1.35	-1.38	1.02	0.042161	0.000530	0.001283	0.000008	0.281945	0.000075	0.000079	0.281924	0.000037	0.000038	*a*	**0.281924**	**0.000037**	**0.000038**	**0.281888**	**0.000037**	**0.000038**	**1.6**	1.3	1.4	2103	83
MORT119254-91	26.10.2022	13266	17:22:31	21.5	1909	7	-1	13.8	-1.35	-1.25	0.92	0.003949	0.000211	0.000088	0.000004	0.281327	0.000053	0.000056	0.281331	0.000029	0.000030	*a*	**0.281331**	**0.000029**	**0.000030**	**0.281328**	**0.000029**	**0.000030**	**-8.5**	**1.0**	**1.1**	**3040**	**64**

MORT119254- 26.10.20 92	22	13266	17:23:57	41.0	1237	11	-1	10.9	-1.36	-1.39	1.01	0.036817	0.000203	0.001017	0.000002	0.282163	0.000052	0.000054	0.282141	0.000025	0.000027	*a*	**0.282141**	**0.000025**	**0.000027**	**0.282117**	**0.000025**	**0.000027**	**4.1**	**0.9**	**0.9**	**1755**	**58**
MORT119254- 26.10.20 93	22	13266	17:25:22	41.0	2636	5	-6	12.2	-1.36	-1.38	1.02	0.032200	0.000682	0.000871	0.000023	0.281087	0.000048	0.000051	0.281065	0.000023	0.000024	*a*	**0.281065**	**0.000023**	**0.000024**	**0.281021**	**0.000023**	**0.000024**	**-2.4**	**0.8**	**0.9**	**3249**	**51**
MORT119254- 26.10.20 94	22	13266	17:26:47	41.0	1547	10	1	12.2	-1.36	-1.40	1.03	0.045552	0.000745	0.001187	0.000024	0.281887	0.000045	0.000048	0.281888	0.000024	0.000025	*a*	**0.281888**	**0.000024**	**0.000025**	**0.281854**	**0.000024**	**0.000025**	**1.9**	**0.9**	**0.9**	**2136**	**55**
MORT119254- 26.10.20 95	22	13266	17:28:11	30.3	1207	11	0	15.0	-1.35	-1.38	1.03	0.024842	0.000388	0.000651	0.000006	0.282100	0.000043	0.000045	0.282089	0.000023	0.000025	*a*	**0.282089**	**0.000023**	**0.000025**	**0.282075**	**0.000023**	**0.000025**	**2.0**	**0.8**	**0.9**	**1866**	**54**
MORT119254- 26.10.20 96	22	13266	17:29:38	41.1	2524	10	-33	12.0	-1.35	-1.37	1.02	0.110784	0.001321	0.002267	0.000028	0.281010	0.000062	0.000065	0.280949	0.000028	0.000029	*b*	0.281010	0.000062	0.000065	0.280901	0.000062	0.000065	-9.4	2.2	2.3	3567	135
MORT119254- 26.10.20 97	22	13266	17:32:34	29.9	1550	9	0	11.9	-1.35	-1.40	1.04	0.025688	0.000407	0.000672	0.000005	0.281724	0.000054	0.000057	0.281729	0.000028	0.000029	*a*	**0.281729**	**0.000028**	**0.000029**	**0.281709**	**0.000028**	**0.000029**	**-3.2**	**1.0**	**1.0**	**2445**	**62**
MORT119254- 26.10.20 98	22	13266	17:33:59	33.2	1974	6	-4	11.9	-1.36	-1.38	1.01	0.056297	0.002659	0.001368	0.000049	0.281771	0.000050	0.000053	0.281735	0.000027	0.000028	*a*	**0.281735**	**0.000027**	**0.000028**	**0.281684**	**0.000027**	**0.000028**	**5.7**	**1.0**	**1.0**	**2241**	**60**
MORT119254- 26.10.20 99	22	13266	17:35:25	35.7	1905	17	-71	16.7	-1.36	-1.35	1.00	0.137372	0.006718	0.002878	0.000143	0.281163	0.000050	0.000053	0.281028	0.000025	0.000026	*b*	0.281163	0.000050	0.000053	0.281059	0.000050	0.000053	-18.1	1.8	1.9	3608	111
MORT119254- 26.10.20 100	22	13266	17:36:51	41.0	1305	16	-1	7.9	-1.36	-1.35	0.99	0.038423	0.000585	0.001198	0.000015	0.282039	0.000070	0.000073	0.281991	0.000035	0.000037	*a*	**0.281991**	**0.000035**	**0.000037**	**0.281961**	**0.000035**	**0.000037**	**0.2**	**1.2**	**1.3**	**2051**	**80**
MORT119254- 26.10.20 101	22	13266	17:38:16	41.0	1477	5	-6	14.3	-1.37	-1.37	1.01	0.019105	0.000177	0.000558	0.000005	0.281832	0.000041	0.000043	0.281815	0.000023	0.000024	*a*	**0.281815**	**0.000023**	**0.000024**	**0.281799**	**0.000023**	**0.000024**	**-1.6**	**0.8**	**0.9**	**2296**	**52**
MORT119254- 26.10.20 102	22	13266	17:39:41	41.0	1770	6	0	12.1	-1.37	-1.36	1.00	0.039738	0.000540	0.001064	0.000013	0.281720	0.000045	0.000047	0.281683	0.000023	0.000024	*a*	**0.281683**	**0.000023**	**0.000024**	**0.281647**	**0.000023**	**0.000024**	**-0.3**	**0.8**	**0.9**	**2445**	**52**
MORT119254- 26.10.20 103	22	13266	17:42:38	41.0	1684	8	-2	12.5	-1.37	-1.38	1.00	0.053231	0.000664	0.001449	0.000013	0.281883	0.000048	0.000050	0.281843	0.000024	0.000025	*a*	**0.281843**	**0.000024**	**0.000025**	**0.281797**	**0.000024**	**0.000025**	**3.0**	**0.8**	**0.9**	**2175**	**54**
MORT119254- 26.10.20 104	22	13266	17:44:02	29.2	1266	6	-5	16.6	-1.37	-1.38	1.01	0.038880	0.001202	0.000965	0.000018	0.282088	0.000048	0.000050	0.282056	0.000023	0.000024	*a*	**0.282056**	**0.000023**	**0.000024**	**0.282033**	**0.000023**	**0.000024**	**1.8**	**0.8**	**0.9**	**1919**	**53**
MORT119254- 26.10.20 105	22	13266	17:45:29	41.0	1984	8	-4	12.1	-1.37	-1.39	1.02	0.027663	0.000253	0.000764	0.000006	0.281580	0.000045	0.000048	0.281557	0.000023	0.000024	*a*	**0.281557**	**0.000023**	**0.000024**	**0.281529**	**0.000023**	**0.000024**	**0.4**	**0.8**	**0.9**	**2568**	**51**
MORT119254- 26.10.20 106	22	13266	17:46:54	41.0	1247	7	1	13.8	-1.37	-1.38	1.01	0.041459	0.000545	0.001055	0.000006	0.282079	0.000040	0.000042	0.282051	0.000021	0.000022	*a*	**0.282051**	**0.000021**	**0.000022**	**0.282026**	**0.000021**	**0.000022**	**1.1**	**0.7**	**0.8**	**1947**	**48**
MORT119254- 26.10.20 107	22	13266	17:48:19	41.0	1892	6	-1	12.0	-1.37	-1.40	1.02	0.041854	0.000599	0.001155	0.000008	0.281728	0.000048	0.000050	0.281712	0.000024	0.000025	*a*	**0.281712**	**0.000024**	**0.000025**	**0.281671**	**0.000024**	**0.000025**	**3.3**	**0.8**	**0.9**	**2319**	**54**
MORT119254- 26.10.20 108	22	13266	17:49:44	41.1	1602	10	-5	12.3	-1.37	-1.35	0.99	0.071428	0.000596	0.002352	0.000022	0.282036	0.000060	0.000063	0.281961	0.000028	0.000029	*b*	**0.282036**	**0.000060**	**0.000063**	**0.281965**	**0.000060**	**0.000063**	**7.1**	**2.1**	**2.2**	**1862**	**137**
MORT119254- 26.10.20 109	22	13266	17:52:41	37.1	1676	10	0	15.1	-1.35	-1.37	1.02	0.078585	0.002056	0.002025	0.000033	0.281852	0.000049	0.000051	0.281817	0.000025	0.000026	*a*	**0.281817**	**0.000025**	**0.000026**	**0.281753**	**0.000025**	**0.000026**	**1.3**	**0.9**	**0.9**	**2275**	**56**
MORT119254- 26.10.20 110	22	13266	17:54:06	29.6	3831	12	-85	18.5	-1.35	-1.37	1.01	0.274335	0.006373	0.005621	0.000107	0.281231	0.000066	0.000070	0.281071	0.000032	0.000034	*b*	0.281231	0.000066	0.000070	0.280814	0.000067	0.000070	**18.6**	2.4	2.5	2985	145
MORT119254- 26.10.20 111	22	13266	17:55:31	15.0	1507	11	-2	8.9	-1.37	-1.40	1.02	0.041802	0.000724	0.001132	0.000023	0.281700	0.000114	0.000119	0.281683	0.000057	0.000060	*a*	**0.281683**	**0.000057**	**0.000060**	**0.281650**	**0.000057**	**0.000060**	**-6.2**	**2.0**	**2.1**	**2598**	**129**
MORT119254- 26.10.20 112	22	13266	17:56:56	17.2	1379	23	-7	16.2	-1.35	-1.36	1.00	0.034345	0.001857	0.001004	0.000048	0.282136	0.000055	0.000058	0.282123	0.000029	0.000031	*a*	**0.282123**	**0.000029**	**0.000031**	**0.282097**	**0.000029**	**0.000031**	**6.7**	**1.0**	**1.1**	**1711**	**67**
MORT119254- 26.10.20 113	22	13266	17:58:21	17.3	1916	7	-25	16.8	-1.35	-1.36	1.00	0.199469	0.006493	0.004343	0.000193	0.281421	0.000073	0.000076	0.281258	0.000038	0.000040	*b*	0.281421	0.000073	0.000076	0.281263	0.000073	0.000076	**-10.6**	2.6	2.7	3172	162
MORT119254- 26.10.20 114	22	13266	17:59:46	15.7	2813	4	-16	18.1	-1.34	-1.36	1.02	0.176985	0.011661	0.003647	0.000185	0.281088	0.000068	0.000071	0.280981	0.000034	0.000035	*b*	0.281088	0.000068	0.000071	0.280891	0.000068	0.000072	**-2.9**	2.4	2.5	3416	149
MORT119254- 26.10.20 115	22	13266	18:02:45	41.0	2291	16	-53	14.2	-1.37	-1.38	1.01	0.121663	0.002715	0.002586	0.000052	0.281117	0.000049	0.000051	0.281022	0.000023	0.000024	*b*	0.281117	0.000049	0.000051	0.281004	0.000049	0.000051	-11.1	1.7	1.8	3491	107
MORT119254- 26.10.20 116	22	13266	18:04:10	34.1	1936	7	-6	14.0	-1.36	-1.37	1.01	0.018037	0.000488	0.000517	0.000011	0.281565	0.000042	0.000044	0.281555	0.000023	0.000024	*a*	**0.281555**	**0.000023**	**0.000024**	**0.281536**	**0.000023**	**0.000024**	**-0.5**	**0.8**	**0.9**	**2582**	**51**
MORT119254- 26.10.20 117	22	13266	18:05:35	41.0	1609	10	-2	14.8	-1.36	-1.38	1.02	0.020525	0.000202	0.000595	0.000009	0.281899	0.000037	0.000038	0.281883	0.000019	0.000020	*a*	**0.281883**	**0.000019**	**0.000020**	**0.281865**	**0.000019**	**0.000020**	**3.7**	**0.7**	**0.7**	**2074**	**44**
MORT119254- 26.10.20 118	22	13266	18:07:00	41.0	1812	6	-5	13.9	-1.38	-1.38	1.01	0.053943	0.001881	0.001270	0.000030	0.281742	0.000046	0.000049	0.281717	0.000022	0.000024	*a*	**0.281717**	**0.000022**	**0.000024**	**0.281673**	**0.000023**	**0.000024**	**1.6**	**0.8**	**0.8**	**2363**	**51**
MORT119254- 26.10.20 119	22	13266	18:08:25	41.0	2721	7	-3	12.6	-1.36	-1.41	1.03	0.028291	0.000485	0.000768	0.000015	0.281043	0.000046	0.000048	0.281041	0.000023	0.000024	*a*	**0.281041**	**0.000023**	**0.000024**	**0.281001**	**0.000023**	**0.000025**	**-1.2**	**0.8**	**0.9**	**3241**	**51**
MORT119254- 26.10.20 120	22	13266	18:09:50	41.0	1800	16	-3	11.6	-1.36	-1.41	1.04	0.030676	0.001035	0.000802	0.000028	0.281388	0.000050	0.000052	0.281392	0.000025	0.000026	*a*	**0.281392**	**0.000025**	**0.000026**	**0.281364**	**0.000025**	**0.000026**	**-9.7**	**0.9**	**0.9**	**3029**	**55**

BREID119259

BREID119259- 26.10.20 1	22	13266	18:24:14	41.1	947	5	0	12.4	-1.37	-1.37	1.00	0.040658	0.000370	0.001014	0.000002	0.282249	0.000043	0.000046	0.282217	0.000022	0.000024	*a*	**0.282217**	**0.000022**	**0.000024**	**0.282199**	**0.000022**	**0.000024**	**0.4**	**0.8**	**0.8**	**1756**	**52**

BREID119259-2	26.10.2022	13266	18:25:39	41.0	560	11	-1	12.8	-1.37	-1.39	1.01	0.041708	0.000947	0.001100	0.000019	0.282444	0.000046	0.000048	0.282421	0.000023	0.000024	*a*	**0.282421**	**0.000023**	**0.000024**	**0.282409**	**0.000023**	**0.000024**	**-0.8**	**0.8**	**0.9**	**1535**	**53**
BREID119259-3	26.10.2022	13266	18:27:04	41.0	1020	7	-1	12.0	-1.37	-1.38	1.01	0.024757	0.000094	0.000672	0.000002	0.282284	0.000046	0.000049	0.282277	0.000024	0.000025	*a*	**0.282277**	**0.000024**	**0.000025**	**0.282264**	**0.000024**	**0.000025**	**4.4**	**0.8**	**0.9**	**1568**	**55**
BREID119259-4	26.10.2022	13266	18:28:29	41.0	1137	16	-1	10.8	-1.37	-1.39	1.01	0.028182	0.000447	0.000740	0.000008	0.282111	0.000050	0.000052	0.282098	0.000025	0.000027	*a*	**0.282098**	**0.000025**	**0.000027**	**0.282082**	**0.000025**	**0.000027**	**0.6**	**0.9**	**0.9**	**1893**	**58**
BREID119259-5	26.10.2022	13266	18:29:54	41.0	1180	8	0	13.4	-1.37	-1.38	1.01	0.014940	0.000109	0.000395	0.000001	0.282155	0.000040	0.000042	0.282155	0.000023	0.000024	*a*	**0.282155**	**0.000023**	**0.000024**	**0.282146**	**0.000023**	**0.000024**	**3.9**	**0.8**	**0.8**	**1725**	**52**
BREID119259-6	26.10.2022	13266	18:31:20	41.1	1032	16	0	11.0	-1.37	-1.36	0.99	0.031552	0.001507	0.000789	0.000031	0.282292	0.000048	0.000050	0.282266	0.000024	0.000025	*a*	**0.282266**	**0.000024**	**0.000025**	**0.282250**	**0.000024**	**0.000025**	**4.2**	**0.8**	**0.9**	**1589**	**55**
BREID119259-7	26.10.2022	13266	18:34:20	41.0	1076	19	0	10.8	-1.37	-1.42	1.03	0.024557	0.000488	0.000675	0.000009	0.282245	0.000049	0.000052	0.282256	0.000027	0.000028	*a*	**0.282256**	**0.000027**	**0.000028**	**0.282242**	**0.000027**	**0.000028**	**4.9**	**0.9**	**1.0**	**1580**	**61**
BREID119259-8	26.10.2022	13266	18:35:45	20.3	1170	7	-1	14.7	-1.36	-1.41	1.03	0.031750	0.000319	0.000896	0.000011	0.282181	0.000057	0.000059	0.282185	0.000030	0.000032	*a*	**0.282185**	**0.000030**	**0.000032**	**0.282165**	**0.000030**	**0.000032**	**4.3**	**1.1**	**1.1**	**1690**	**70**
BREID119259-9	26.10.2022	13266	18:37:11	41.1	1423	21	-2	8.7	-1.38	-1.40	1.01	0.050548	0.000380	0.001374	0.000009	0.281781	0.000067	0.000070	0.281755	0.000032	0.000033	*a*	**0.281755**	**0.000032**	**0.000033**	**0.281718**	**0.000032**	**0.000033**	**-5.7**	**1.1**	**1.2**	**2503**	**71**
BREID119259-10	26.10.2022	13266	18:38:36	41.0	937	6	-1	14.1	-1.37	-1.37	1.00	0.011803	0.000065	0.000320	0.000002	0.282275	0.000038	0.000040	0.282268	0.000022	0.000023	*a*	**0.282268**	**0.000022**	**0.000023**	**0.282263**	**0.000022**	**0.000023**	**2.5**	**0.8**	**0.8**	**1621**	**51**
BREID119259-11	26.10.2022	13266	18:40:01	32.9	1159	14	-2	12.2	-1.37	-1.38	1.01	0.022042	0.000751	0.000576	0.000015	0.282244	0.000051	0.000054	0.282248	0.000028	0.000029	*a*	**0.282248**	**0.000028**	**0.000029**	**0.282235**	**0.000028**	**0.000029**	**6.6**	**1.0**	**1.0**	**1544**	**63**
BREID119259-12	26.10.2022	13266	18:41:26	41.0	1022	13	0	12.8	-1.37	-1.34	0.98	0.012906	0.000083	0.000339	0.000004	0.282239	0.000042	0.000044	0.282234	0.000021	0.000022	*a*	**0.282234**	**0.000021**	**0.000022**	**0.282228**	**0.000021**	**0.000022**	**3.2**	**0.7**	**0.8**	**1645**	**48**
BREID119259-13	26.10.2022	13266	18:44:27	26.7	1022	15	-2	11.8	-1.34	-1.36	1.02	0.017401	0.000303	0.000527	0.000014	0.282198	0.000058	0.000061	0.282200	0.000031	0.000032	*a*	**0.282200**	**0.000031**	**0.000032**	**0.282189**	**0.000031**	**0.000032**	**1.8**	**1.1**	**1.1**	**1729**	**71**
BREID119259-14	26.10.2022	13266	18:45:52	41.0	946	9	1	11.7	-1.37	-1.37	1.01	0.028669	0.000379	0.000712	0.000009	0.282273	0.000045	0.000047	0.282252	0.000024	0.000025	*a*	**0.282252**	**0.000024**	**0.000025**	**0.282239**	**0.000024**	**0.000025**	**1.9**	**0.8**	**0.9**	**1667**	**54**
BREID119259-15	26.10.2022	13266	18:47:18	41.0	1020	8	-1	12.3	-1.37	-1.39	1.01	0.023669	0.000446	0.000626	0.000006	0.282185	0.000043	0.000046	0.282183	0.000023	0.000024	*a*	**0.282183**	**0.000023**	**0.000024**	**0.282171**	**0.000023**	**0.000024**	**1.1**	**0.8**	**0.9**	**1770**	**54**
BREID119259-16	26.10.2022	13266	18:48:43	41.2	1150	6	-1	13.8	-1.37	-1.38	1.00	0.030310	0.000128	0.000782	0.000002	0.282162	0.000041	0.000043	0.282144	0.000022	0.000023	*a*	**0.282144**	**0.000022**	**0.000023**	**0.282127**	**0.000022**	**0.000023**	**2.5**	**0.8**	**0.8**	**1787**	**51**
BREID119259-17	26.10.2022	13266	18:50:08	41.1	1855	4	0	15.5	-1.37	-1.33	0.97	0.004710	0.000141	0.000100	0.000002	0.281538	0.000035	0.000036	0.281544	0.000019	0.000020	*a*	**0.281544**	**0.000019**	**0.000020**	**0.281540**	**0.000019**	**0.000020**	**-2.1**	**0.7**	**0.7**	**2621**	**42**
BREID119259-18	26.10.2022	13266	18:51:34	41.1	547	6	2	11.1	-1.37	-1.37	1.00	0.036064	0.000182	0.000986	0.000008	0.282437	0.000046	0.000049	0.282413	0.000025	0.000026	*a*	**0.282413**	**0.000025**	**0.000026**	**0.282403**	**0.000025**	**0.000026**	**-1.3**	**0.9**	**0.9**	**1557**	**58**
BREID119259-19	26.10.2022	13266	18:54:34	41.0	1145	11	-4	11.6	-1.37	-1.40	1.02	0.031257	0.000491	0.000857	0.000016	0.282141	0.000048	0.000051	0.282134	0.000023	0.000024	*a*	**0.282134**	**0.000023**	**0.000024**	**0.282115**	**0.000023**	**0.000024**	**2.0**	**0.8**	**0.9**	**1815**	**52**
BREID119259-20	26.10.2022	13266	18:55:59	41.0	561	3	0	15.0	-1.38	-1.42	1.03	0.039335	0.000570	0.001076	0.000009	0.282450	0.000040	0.000042	0.282448	0.000021	0.000022	*a*	**0.282448**	**0.000021**	**0.000022**	**0.282437**	**0.000021**	**0.000022**	**0.2**	**0.7**	**0.8**	**1473**	**48**
BREID119259-21	26.10.2022	13266	18:57:25	41.1	1160	11	-2	12.4	-1.37	-1.36	0.98	0.022350	0.000289	0.000603	0.000005	0.282186	0.000046	0.000048	0.282166	0.000024	0.000025	*a*	**0.282166**	**0.000024**	**0.000025**	**0.282153**	**0.000024**	**0.000025**	**3.7**	**0.8**	**0.9**	**1723**	**55**
BREID119259-22	26.10.2022	13266	18:58:50	41.0	540	5	-5	14.1	-1.37	-1.41	1.02	0.048716	0.000883	0.001331	0.000018	0.282416	0.000041	0.000043	0.282398	0.000020	0.000021	*a*	**0.282398**	**0.000020**	**0.000021**	**0.282384**	**0.000020**	**0.000021**	**-2.1**	**0.7**	**0.7**	**1602**	**47**
BREID119259-23	26.10.2022	13266	19:00:15	41.0	1021	7	0	13.9	-1.38	-1.40	1.01	0.017783	0.000071	0.000487	0.000002	0.282192	0.000038	0.000040	0.282184	0.000020	0.000021	*a*	**0.282184**	**0.000020**	**0.000021**	**0.282175**	**0.000020**	**0.000021**	**1.3**	**0.7**	**0.8**	**1762**	**47**
BREID119259-24	26.10.2022	13266	19:01:40	41.1	1488	16	-1	11.4	-1.37	-1.42	1.04	0.026466	0.000260	0.000744	0.000003	0.281888	0.000049	0.000051	0.281895	0.000024	0.000026	*a*	**0.281895**	**0.000024**	**0.000026**	**0.281874**	**0.000024**	**0.000026**	**1.3**	**0.9**	**0.9**	**2127**	**55**
BREID119259-25	26.10.2022	13266	19:04:41	41.1	1629	12	-3	12.0	-1.37	-1.40	1.02	0.025693	0.000362	0.000720	0.000006	0.281845	0.000047	0.000049	0.281842	0.000023	0.000025	*a*	**0.281842**	**0.000023**	**0.000025**	**0.281819**	**0.000023**	**0.000025**	**2.6**	**0.8**	**0.9**	**2159**	**53**
BREID119259-26	26.10.2022	13266	19:06:07	41.0	1063	6	-2	16.2	-1.38	-1.36	0.99	0.023112	0.000057	0.000658	0.000002	0.282246	0.000033	0.000034	0.282234	0.000018	0.000019	*a*	**0.282234**	**0.000018**	**0.000019**	**0.282220**	**0.000018**	**0.000019**	**3.9**	**0.6**	**0.7**	**1636**	**41**
BREID119259-27	26.10.2022	13266	19:07:32	41.1	3230	9	-1	10.8	-1.37	-1.45	1.06	0.002367	0.000017	0.000064	0.000001	0.280393	0.000046	0.000048	0.280429	0.000025	0.000026	*a*	**0.280429**	**0.000025**	**0.000026**	**0.280425**	**0.000025**	**0.000026**	**-9.7**	**0.9**	**0.9**	**4132**	**53**
BREID119259-28	26.10.2022	13266	19:08:57	41.1	1503	13	-1	10.9	-1.37	-1.36	0.99	0.021302	0.000278	0.000563	0.000005	0.281764	0.000052	0.000054	0.281753	0.000024	0.000026	*a*	**0.281753**	**0.000024**	**0.000026**	**0.281737**	**0.000024**	**0.000026**	**-3.2**	**0.9**	**0.9**	**2413**	**55**
BREID119259-29	26.10.2022	13266	19:10:22	41.0	546	4	3	11.3	-1.38	-1.38	1.01	0.041581	0.000426	0.001140	0.000010	0.282463	0.000047	0.000050	0.282441	0.000026	0.000027	*a*	**0.282441**	**0.000026**	**0.000027**	**0.282430**	**0.000026**	**0.000027**	**-0.4**	**0.9**	**1.0**	**1498**	**60**
BREID119259-30	26.10.2022	13266	19:11:48	41.2	1352	16	-8	11.7	-1.37	-1.38	1.01	0.035319	0.000194	0.000984	0.000003	0.282004	0.000048	0.000050	0.281985	0.000024	0.000025	*a*	**0.281985**	**0.000024**	**0.000025**	**0.281960**	**0.000024**	**0.000025**	**1.2**	**0.9**	**0.9**	**2025**	**55**
BREID119259-31	27.10.2022	13268	11:20:01	40.0	1021	12	0	10.9	-1.41	-1.45	1.03	0.033401	0.000378	0.000841	0.000006	0.282250	0.000049	0.000051	0.282244	0.000027	0.000028	*a*	**0.282244**	**0.000027**	**0.000028**	**0.282227**	**0.000027**	**0.000028**	**3.2**	**0.9**	**1.0**	**1646**	**61**
BREID119259-32	27.10.2022	13268	11:21:27	41.1	1145	11	-1	11.1	-1.41	-1.48	1.05	0.024174	0.000137	0.000632	0.000002	0.282111	0.000050	0.000052	0.282125	0.000025	0.000027	*a*	**0.282125**	**0.000025**	**0.000027**	**0.282112**	**0.000025**	**0.000027**	**1.9**	**0.9**	**0.9**	**1823**	**58**
BREID119259-33	27.10.2022	13268	11:22:52	41.1	1190	17	0	11.5	-1.41	-1.46	1.03	0.021869	0.000176	0.000591	0.000001	0.282177	0.000043	0.000045	0.282183	0.000023	0.000024	*a*	**0.282183**	**0.000023**	**0.000024**	**0.282170**	**0.000023**	**0.000024**	**5.0**	**0.8**	**0.9**	**1668**	**53**

BREID119259-34	27.10.2022	13268	11:24:17	41.0	1380	11	-1	11.2	-1.41	-1.43	1.02	0.029477	0.000297	0.000777	0.000004	0.282097	0.000048	0.000050	0.282086	0.000024	0.000025	*a*	**0.282086**	**0.000024**	**0.000025**	**0.282066**	**0.000024**	**0.000025**	**5.6**	**0.8**	**0.9**	**1778**	**55**
BREID119259-35	27.10.2022	13268	11:25:42	41.0	677	8	-2	11.3	-1.41	-1.44	1.02	0.021611	0.000358	0.000747	0.000007	0.282707	0.000044	0.000047	0.282699	0.000023	0.000024	*a*	**0.282699**	**0.000023**	**0.000024**	**0.282689**	**0.000023**	**0.000024**	**11.7**	**0.8**	**0.9**	**839**	**55**
BREID119259-36	27.10.2022	13268	11:27:08	41.0	1070	18	-3	9.1	-1.42	-1.43	1.01	0.029800	0.000424	0.000803	0.000007	0.282129	0.000056	0.000059	0.282094	0.000030	0.000031	*a*	**0.282094**	**0.000030**	**0.000031**	**0.282078**	**0.000030**	**0.000031**	**-1.0**	**1.0**	**1.1**	**1942**	**68**
BREID119259-37	27.10.2022	13268	11:30:08	41.0	1362	18	-7	11.2	-1.41	-1.40	0.99	0.034405	0.000765	0.000927	0.000018	0.281835	0.000048	0.000051	0.281802	0.000024	0.000025	*a*	**0.281802**	**0.000024**	**0.000025**	**0.281778**	**0.000024**	**0.000025**	**-5.0**	**0.8**	**0.9**	**2413**	**53**
BREID119259-38	27.10.2022	13268	11:31:34	41.1	1069	7	-1	13.1	-1.41	-1.45	1.03	0.025796	0.000183	0.000723	0.000004	0.282157	0.000042	0.000044	0.282148	0.000022	0.000024	*a*	**0.282148**	**0.000022**	**0.000024**	**0.282134**	**0.000022**	**0.000024**	**0.9**	**0.8**	**0.8**	**1822**	**52**
BREID119259-39	27.10.2022	13268	11:32:59	41.2	1150	10	0	11.1	-1.41	-1.44	1.03	0.031295	0.000180	0.000890	0.000005	0.282102	0.000052	0.000054	0.282097	0.000025	0.000027	*a*	**0.282097**	**0.000025**	**0.000027**	**0.282077**	**0.000025**	**0.000027**	**0.8**	**0.9**	**0.9**	**1895**	**58**
BREID119259-40	27.10.2022	13268	11:34:24	41.0	1134	10	-2	12.1	-1.40	-1.43	1.02	0.024199	0.000283	0.000644	0.000010	0.282128	0.000045	0.000048	0.282119	0.000025	0.000026	*a*	**0.282119**	**0.000025**	**0.000026**	**0.282105**	**0.000025**	**0.000026**	**1.4**	**0.9**	**0.9**	**1845**	**57**
BREID119259-41	27.10.2022	13268	11:35:49	41.0	1276	9	-1	13.4	-1.40	-1.41	1.01	0.052738	0.001613	0.001383	0.000043	0.282013	0.000044	0.000046	0.281984	0.000024	0.000025	*a*	**0.281984**	**0.000024**	**0.000025**	**0.281951**	**0.000024**	**0.000025**	**-0.8**	**0.9**	**0.9**	**2092**	**55**
BREID119259-42	27.10.2022	13268	11:37:15	41.2	553	3	1	12.1	-1.41	-1.40	0.99	0.026970	0.000260	0.000725	0.000003	0.282612	0.000047	0.000049	0.282574	0.000025	0.000027	*a*	**0.282574**	**0.000025**	**0.000027**	**0.282567**	**0.000025**	**0.000027**	**4.6**	**0.9**	**0.9**	**1191**	**59**
BREID119259-43	27.10.2022	13268	11:40:15	41.0	1983	7	0	11.4	-1.41	-1.37	0.97	0.032006	0.000424	0.000870	0.000005	0.281619	0.000050	0.000052	0.281579	0.000024	0.000025	*a*	**0.281579**	**0.000024**	**0.000025**	**0.281547**	**0.000024**	**0.000025**	**1.0**	**0.9**	**0.9**	**2530**	**54**
BREID119259-44	27.10.2022	13268	11:41:40	41.0	582	4	2	12.3	-1.40	-1.43	1.02	0.046773	0.001345	0.001270	0.000033	0.282457	0.000050	0.000052	0.282437	0.000025	0.000026	*a*	**0.282437**	**0.000025**	**0.000026**	**0.282423**	**0.000025**	**0.000026**	**0.2**	**0.9**	**0.9**	**1491**	**57**
BREID119259-45	27.10.2022	13268	11:43:06	41.2	1000	5	0	14.4	-1.40	-1.42	1.01	0.043764	0.000856	0.001214	0.000011	0.282183	0.000042	0.000044	0.282160	0.000022	0.000023	*a*	**0.282160**	**0.000022**	**0.000023**	**0.282137**	**0.000022**	**0.000023**	**-0.5**	**0.8**	**0.8**	**1858**	**49**
BREID119259-46	27.10.2022	13268	11:44:31	41.0	1173	10	0	12.4	-1.40	-1.41	1.01	0.026053	0.000346	0.000702	0.000003	0.282195	0.000040	0.000042	0.282181	0.000022	0.000023	*a*	**0.282181**	**0.000022**	**0.000023**	**0.282165**	**0.000022**	**0.000023**	**4.4**	**0.8**	**0.8**	**1689**	**50**
BREID119259-47	27.10.2022	13268	11:45:56	41.3	1024	10	-2	13.6	-1.40	-1.42	1.01	0.038170	0.000370	0.001055	0.000015	0.281875	0.000043	0.000045	0.281856	0.000022	0.000023	*a*	**0.281856**	**0.000022**	**0.000023**	**0.281835**	**0.000022**	**0.000023**	**-10.7**	**0.8**	**0.8**	**2498**	**49**
BREID119259-48	27.10.2022	13268	11:47:22	41.0	905	6	-1	11.0	-1.40	-1.39	0.99	0.022382	0.000256	0.000585	0.000007	0.282264	0.000052	0.000055	0.282246	0.000028	0.000029	*a*	**0.282246**	**0.000028**	**0.000029**	**0.282236**	**0.000028**	**0.000029**	**0.8**	**1.0**	**1.0**	**1700**	**64**
BREID119259-49	27.10.2022	13268	11:50:21	17.2	1629	10	-1	12.3	-1.38	-1.42	1.03	0.052555	0.000724	0.001365	0.000007	0.281872	0.000067	0.000070	0.281856	0.000035	0.000037	*a*	**0.281856**	**0.000035**	**0.000037**	**0.281813**	**0.000035**	**0.000037**	**2.3**	**1.2**	**1.3**	**2172**	**80**
BREID119259-50	27.10.2022	13268	11:51:47	41.0	1164	14	-2	13.4	-1.40	-1.38	0.98	0.036816	0.000341	0.000973	0.000003	0.282220	0.000043	0.000046	0.282179	0.000024	0.000025	*a*	**0.282179**	**0.000024**	**0.000025**	**0.282157**	**0.000024**	**0.000025**	**3.9**	**0.8**	**0.9**	**1712**	**54**
BREID119259-51	27.10.2022	13268	11:53:13	41.1	2039	8	0	11.0	-1.40	-1.37	0.98	0.017108	0.000143	0.000473	0.000002	0.281414	0.000046	0.000049	0.281394	0.000025	0.000026	*a*	**0.281394**	**0.000025**	**0.000026**	**0.281376**	**0.000025**	**0.000026**	**-3.7**	**0.9**	**0.9**	**2860**	**56**
BREID119259-52	27.10.2022	13268	11:54:38	41.0	932	7	0	12.2	-1.40	-1.38	0.98	0.022710	0.000578	0.000585	0.000009	0.282240	0.000048	0.000050	0.282223	0.000025	0.000026	*a*	**0.282223**	**0.000025**	**0.000026**	**0.282213**	**0.000025**	**0.000026**	**0.6**	**0.9**	**0.9**	**1733**	**57**
BREID119259-53	27.10.2022	13268	11:56:02	22.0	578	5	-2	12.8	-1.38	-1.38	1.00	0.029983	0.000704	0.000834	0.000004	0.282740	0.000053	0.000056	0.282708	0.000031	0.000033	*a*	**0.282708**	**0.000031**	**0.000033**	**0.282699**	**0.000031**	**0.000033**	**9.9**	**1.1**	**1.2**	**880**	**74**
BREID119259-54	27.10.2022	13268	11:57:28	41.0	1510	5	-1	11.0	-1.39	-1.41	1.01	0.062604	0.000462	0.001683	0.000005	0.282009	0.000055	0.000057	0.281973	0.000026	0.000027	*a*	**0.281973**	**0.000026**	**0.000027**	**0.281925**	**0.000026**	**0.000027**	**3.6**	**0.9**	**1.0**	**2005**	**58**
BREID119259-55	27.10.2022	13268	12:00:29	41.1	1184	10	0	11.7	-1.40	-1.40	1.00	0.031843	0.000163	0.000803	0.000003	0.282206	0.000046	0.000049	0.282178	0.000022	0.000024	*a*	**0.282178**	**0.000022**	**0.000024**	**0.282160**	**0.000022**	**0.000024**	**4.5**	**0.8**	**0.8**	**1694**	**52**
BREID119259-56	27.10.2022	13268	12:01:54	41.0	1535	11	6	12.5	-1.40	-1.41	1.01	0.021345	0.000235	0.000613	0.000008	0.281858	0.000042	0.000044	0.281842	0.000023	0.000024	*a*	**0.281842**	**0.000023**	**0.000024**	**0.281825**	**0.000023**	**0.000024**	**0.6**	**0.8**	**0.9**	**2206**	**52**
BREID119259-57	27.10.2022	13268	12:03:19	41.0	1166	23	-2	8.9	-1.40	-1.38	0.98	0.026156	0.000121	0.000712	0.000002	0.282261	0.000060	0.000063	0.282250	0.000030	0.000031	*a*	**0.282250**	**0.000030**	**0.000031**	**0.282235**	**0.000030**	**0.000031**	**6.7**	**1.1**	**1.1**	**1541**	**69**
BREID119259-58	27.10.2022	13268	12:04:45	28.0	1661	9	-3	13.1	-1.37	-1.40	1.02	0.076088	0.002138	0.002155	0.000061	0.281831	0.000061	0.000064	0.281822	0.000031	0.000032	*a*	**0.281822**	**0.000031**	**0.000032**	**0.281754**	**0.000031**	**0.000032**	**1.0**	**1.1**	**1.1**	**2280**	**69**
BREID119259-59	27.10.2022	13268	12:06:10	41.1	1071	11	-2	11.0	-1.39	-1.41	1.01	0.044842	0.000863	0.001202	0.000028	0.282162	0.000051	0.000054	0.282137	0.000027	0.000028	*a*	**0.282137**	**0.000027**	**0.000028**	**0.282113**	**0.000027**	**0.000028**	**0.3**	**0.9**	**1.0**	**1865**	**61**
BREID119259-60	27.10.2022	13268	12:07:35	41.0	2501	6	-1	11.0	-1.40	-1.41	1.01	0.049872	0.000485	0.001263	0.000005	0.281251	0.000052	0.000055	0.281227	0.000028	0.000029	*a*	**0.281227**	**0.000028**	**0.000029**	**0.281167**	**0.000028**	**0.000029**	**-0.4**	**1.0**	**1.0**	**3025**	**61**
BREID119259-61	27.10.2022	13268	12:22:00	41.1	1242	6	-3	13.8	-1.39	-1.40	1.01	0.016685	0.000224	0.000448	0.000003	0.282130	0.000037	0.000039	0.282125	0.000021	0.000022	*a*	**0.282125**	**0.000021**	**0.000022**	**0.282115**	**0.000021**	**0.000022**	**4.2**	**0.7**	**0.8**	**1756**	**47**
BREID119259-62	27.10.2022	13268	12:23:25	41.1	945	6	-1	12.9	-1.40	-1.42	1.01	0.017812	0.000285	0.000472	0.000004	0.282242	0.000043	0.000045	0.282232	0.000023	0.000024	*a*	**0.282232**	**0.000023**	**0.000024**	**0.282224**	**0.000023**	**0.000024**	**1.3**	**0.8**	**0.9**	**1701**	**53**
BREID119259-63	27.10.2022	13268	12:24:50	41.0	1222	7	-1	14.0	-1.41	-1.37	0.98	0.018490	0.000153	0.000463	0.000005	0.281969	0.000039	0.000041	0.281951	0.000021	0.000022	*a*	**0.281951**	**0.000021**	**0.000022**	**0.281941**	**0.000021**	**0.000022**	**-2.4**	**0.7**	**0.8**	**2147**	**47**
BREID119259-64	27.10.2022	13268	12:26:16	41.0	559	3	0	10.7	-1.39	-1.42	1.02	0.037018	0.000542	0.001137	0.000015	0.282681	0.000052	0.000055	0.282674	0.000025	0.000026	*a*	**0.282674**	**0.000025**	**0.000026**	**0.282662**	**0.000025**	**0.000026**	**8.1**	**0.9**	**0.9**	**974**	**59**
BREID119259-65	27.10.2022	13268	12:27:41	41.0	1134	19	-5	13.4	-1.40	-1.35	0.97	0.016789	0.000249	0.000485	0.000004	0.281955	0.000039	0.000041	0.281930	0.000021	0.000022	*a*	**0.281930**	**0.000021**	**0.000022**	**0.281920**	**0.000021**	**0.000022**	**-5.2**	**0.8**	**0.8**	**2246**	**48**

BREID119259-66	27.10.2022	13268	12:29:06	41.1	1625	9	-2	10.5	-1.39	-1.42	1.02	0.045921	0.000532	0.001214	0.000007	0.281739	0.000054	0.000057	0.281718	0.000025	0.000027	*a*	0.281718	0.000025	0.000027	0.281681	0.000025	0.000027	-2.5	0.9	0.9	2460	57
BREID119259-67	27.10.2022	13268	12:32:07	41.1	3242	6	-1	9.6	-1.39	-1.43	1.03	0.077519	0.000841	0.002195	0.000037	0.280857	0.000064	0.000067	0.280843	0.000030	0.000031	*a*	0.280843	0.000030	0.000031	0.280706	0.000030	0.000032	0.6	1.1	1.1	3549	65
BREID119259-68	27.10.2022	13268	12:33:32	41.0	544	3	-2	13.5	-1.40	-1.42	1.01	0.059468	0.000582	0.001588	0.000007	0.282390	0.000046	0.000048	0.282360	0.000023	0.000024	*a*	0.282360	0.000023	0.000024	0.282343	0.000023	0.000024	-3.5	0.8	0.9	1690	53
BREID119259-69	27.10.2022	13268	12:34:57	41.1	1039	6	-1	13.9	-1.40	-1.44	1.03	0.013812	0.000249	0.000363	0.000005	0.282230	0.000038	0.000040	0.282233	0.000020	0.000021	*a*	0.282233	0.000020	0.000021	0.282226	0.000020	0.000021	3.5	0.7	0.7	1639	46
BREID119259-70	27.10.2022	13268	12:36:22	41.0	1875	6	0	10.2	-1.39	-1.42	1.02	0.057111	0.000341	0.001583	0.000009	0.281545	0.000056	0.000059	0.281519	0.000028	0.000030	*a*	0.281519	0.000028	0.000030	0.281463	0.000028	0.000030	-4.4	1.0	1.1	2773	63
BREID119259-71	27.10.2022	13268	12:37:48	41.0	940	6	0	11.8	-1.39	-1.43	1.03	0.035635	0.000858	0.000890	0.000015	0.282231	0.000049	0.000051	0.282230	0.000023	0.000025	*a*	0.282230	0.000023	0.000025	0.282215	0.000023	0.000025	0.9	0.8	0.9	1725	54
BREID119259-72	27.10.2022	13268	12:39:13	41.1	542	4	-1	13.0	-1.39	-1.40	1.01	0.019731	0.000266	0.000567	0.000005	0.282654	0.000042	0.000044	0.282639	0.000022	0.000023	*a*	0.282639	0.000022	0.000023	0.282633	0.000022	0.000023	6.7	0.8	0.8	1049	52
BREID119259-73	27.10.2022	13268	12:42:14	41.1	1694	5	-2	9.4	-1.38	-1.40	1.02	0.176162	0.000737	0.004727	0.000027	0.281986	0.000074	0.000077	0.281901	0.000034	0.000036	*b*	0.281986	0.000074	0.000077	0.281834	0.000074	0.000077	4.6	2.6	2.7	2089	167
BREID119259-74	27.10.2022	13268	12:43:39	41.0	563	3	2	12.3	-1.39	-1.38	0.99	0.041464	0.000612	0.001111	0.000014	0.282491	0.000046	0.000048	0.282457	0.000025	0.000026	*a*	0.282457	0.000025	0.000026	0.282445	0.000025	0.000026	0.5	0.9	0.9	1453	57
BREID119259-75	27.10.2022	13268	12:45:04	41.0	1019	14	1	12.5	-1.40	-1.47	1.05	0.018646	0.000164	0.000491	0.000002	0.282220	0.000043	0.000045	0.282228	0.000023	0.000025	*a*	0.282228	0.000023	0.000025	0.282219	0.000023	0.000025	2.8	0.8	0.9	1666	54
BREID119259-76	27.10.2022	13268	12:46:30	41.0	553	3	0	13.6	-1.39	-1.45	1.04	0.026393	0.000627	0.000761	0.000013	0.282442	0.000039	0.000041	0.282456	0.000021	0.000022	*a*	0.282456	0.000021	0.000022	0.282448	0.000021	0.000022	0.4	0.7	0.8	1453	49
BREID119259-77	27.10.2022	13268	12:47:55	41.0	1547	4	0	13.2	-1.39	-1.44	1.04	0.042484	0.000652	0.001112	0.000007	0.281880	0.000044	0.000046	0.281873	0.000023	0.000024	*a*	0.281873	0.000023	0.000024	0.281841	0.000023	0.000024	1.4	0.8	0.9	2164	52
BREID119259-78	27.10.2022	13268	12:49:20	41.0	1027	9	0	13.9	-1.40	-1.40	1.00	0.016786	0.000352	0.000468	0.000006	0.282198	0.000039	0.000041	0.282187	0.000022	0.000023	*a*	0.282187	0.000022	0.000023	0.282178	0.000022	0.000023	1.5	0.8	0.8	1752	51
BREID119259-79	27.10.2022	13268	12:52:21	41.0	551	4	0	11.2	-1.39	-1.45	1.04	0.019741	0.000252	0.000659	0.000004	0.282653	0.000048	0.000050	0.282661	0.000026	0.000027	*a*	0.282661	0.000026	0.000027	0.282655	0.000026	0.000027	7.7	0.9	0.9	995	60
BREID119259-80	27.10.2022	13268	12:53:46	41.0	557	4	-1	12.6	-1.39	-1.42	1.02	0.024239	0.000612	0.000803	0.000016	0.282586	0.000044	0.000046	0.282580	0.000023	0.000024	*a*	0.282580	0.000023	0.000024	0.282571	0.000023	0.000024	4.9	0.8	0.9	1177	54
BREID119259-81	27.10.2022	13268	12:55:10	26.9	1050	9	1	15.2	-1.38	-1.37	0.99	0.017166	0.000138	0.000446	0.000005	0.282244	0.000046	0.000048	0.282231	0.000024	0.000026	*a*	0.282231	0.000024	0.000026	0.282222	0.000024	0.000026	3.6	0.9	0.9	1640	56
BREID119259-82	27.10.2022	13268	12:56:36	41.0	1599	7	-2	12.6	-1.39	-1.43	1.04	0.031473	0.000854	0.000858	0.000017	0.281921	0.000046	0.000048	0.281911	0.000023	0.000024	*a*	0.281911	0.000023	0.000024	0.281886	0.000023	0.000024	4.2	0.8	0.9	2035	53
BREID119259-83	27.10.2022	13268	12:58:02	41.0	1065	25	5	10.5	-1.39	-1.40	1.01	0.024603	0.000956	0.000684	0.000029	0.282188	0.000060	0.000063	0.282177	0.000028	0.000029	*a*	0.282177	0.000028	0.000029	0.282164	0.000028	0.000029	1.9	1.0	1.0	1759	65
BREID119259-84	27.10.2022	13268	12:59:27	41.1	1890	6	-1	11.2	-1.39	-1.41	1.02	0.032960	0.000291	0.000912	0.000003	0.281536	0.000051	0.000053	0.281527	0.000025	0.000026	*a*	0.281527	0.000025	0.000026	0.281495	0.000025	0.000026	-3.0	0.9	0.9	2697	56
BREID119259-85	27.10.2022	13268	13:02:28	41.0	1505	7	-2	12.8	-1.39	-1.37	0.99	0.024926	0.000127	0.000691	0.000004	0.282051	0.000041	0.000043	0.282022	0.000022	0.000023	*a*	0.282022	0.000022	0.000023	0.282002	0.000022	0.000023	6.2	0.8	0.8	1839	51
BREID119259-86	27.10.2022	13268	13:03:53	38.6	541	5	4	10.9	-1.39	-1.40	1.00	0.032956	0.000615	0.000855	0.000010	0.282381	0.000051	0.000053	0.282357	0.000026	0.000028	*a*	0.282357	0.000026	0.000028	0.282348	0.000026	0.000028	-3.4	0.9	1.0	1681	61
BREID119259-87	27.10.2022	13268	13:05:18	41.0	1218	13	0	11.4	-1.39	-1.34	0.97	0.019512	0.000223	0.000534	0.000003	0.282200	0.000050	0.000053	0.282175	0.000026	0.000027	*a*	0.282175	0.000026	0.000027	0.282163	0.000026	0.000027	5.3	0.9	1.0	1667	60
BREID119259-88	27.10.2022	13268	13:06:43	41.1	1090	19	-1	11.7	-1.39	-1.39	1.00	0.025464	0.000210	0.000706	0.000009	0.282342	0.000045	0.000048	0.282321	0.000023	0.000024	*a*	0.282321	0.000023	0.000024	0.282307	0.000023	0.000024	7.5	0.8	0.9	1429	54
BREID119259-89	27.10.2022	13268	13:08:09	41.0	1691	5	0	12.1	-1.39	-1.43	1.03	0.060830	0.001186	0.001617	0.000030	0.281939	0.000046	0.000048	0.281924	0.000024	0.000025	*a*	0.281924	0.000024	0.000025	0.281872	0.000024	0.000025	5.8	0.9	0.9	2009	55
BREID119259-90	27.10.2022	13268	13:09:34	35.9	554	2	-2	12.8	-1.39	-1.42	1.02	0.038420	0.000842	0.001191	0.000009	0.282666	0.000053	0.000055	0.282637	0.000027	0.000029	*a*	0.282637	0.000027	0.000029	0.282624	0.000027	0.000029	6.7	1.0	1.0	1062	64
BREID119259-91	27.10.2022	13268	13:23:59	41.1	1481	7	0	12.8	-1.39	-1.44	1.04	0.027247	0.000429	0.000747	0.000006	0.281906	0.000044	0.000046	0.281901	0.000024	0.000025	*a*	0.281901	0.000024	0.000025	0.281880	0.000024	0.000025	1.3	0.8	0.9	2119	53
BREID119259-92	27.10.2022	13268	13:25:24	41.0	986	8	1	12.0	-1.39	-1.39	1.00	0.017248	0.000164	0.000451	0.000002	0.282210	0.000043	0.000045	0.282198	0.000023	0.000024	*a*	0.282198	0.000023	0.000024	0.282190	0.000023	0.000024	1.0	0.8	0.9	1750	53
BREID119259-93	27.10.2022	13268	13:26:49	41.0	1628	9	0	12.5	-1.38	-1.40	1.01	0.019887	0.000164	0.000598	0.000005	0.281753	0.000043	0.000045	0.281731	0.000023	0.000024	*a*	0.281731	0.000023	0.000024	0.281713	0.000023	0.000024	-1.3	0.8	0.9	2390	52
BREID119259-94	27.10.2022	13268	13:28:14	41.1	1146	6	1	13.1	-1.38	-1.41	1.02	0.024840	0.000109	0.000672	0.000004	0.282141	0.000041	0.000043	0.282124	0.000022	0.000023	*a*	0.282124	0.000022	0.000023	0.282109	0.000022	0.000023	1.8	0.8	0.8	1828	51
BREID119259-95	27.10.2022	13268	13:29:39	41.1	1176	10	1	5.9	-1.28	-1.35	1.06	0.049014	0.000187	0.001110	0.000003	0.282238	0.000089	0.000093	0.282272	0.000040	0.000042	*a*	0.282272	0.000040	0.000042	0.282248	0.000040	0.000042	7.4	1.4	1.5	1507	91
BREID119259-96	27.10.2022	13268	13:31:05	41.0	655	3	1	11.3	-1.37	-1.40	1.02	0.069630	0.000745	0.001948	0.000008	0.282718	0.000055	0.000058	0.282687	0.000025	0.000026	*a*	0.282687	0.000025	0.000026	0.282663	0.000025	0.000026	10.3	0.9	0.9	911	59
BREID119259-97	27.10.2022	13268	13:34:06	41.0	1124	17	3	10.4	-1.38	-1.41	1.03	0.045978	0.000820	0.001302	0.000014	0.282214	0.000057	0.000060	0.282202	0.000027	0.000029	*a*	0.282202	0.000027	0.000029	0.282175	0.000027	0.000029	3.6	1.0	1.0	1698	63

BREID119259-98	27.10.2022	13268	13:35:31	41.0	4580	6	-100	12.7	-1.38	-1.42	1.03	0.036787	0.001271	0.001055	0.000038	0.282480	0.000045	0.000047	0.282459	0.000025	0.000026	*a*	0.282459	0.000025	0.000026	0.282365	0.000025	0.000026	92.2	0.9	0.9	-754	57
BREID119259-99	27.10.2022	13268	13:36:56	41.1	553	3	-8	11.6	-1.38	-1.44	1.04	0.026121	0.000295	0.000748	0.000011	0.282638	0.000046	0.000049	0.282641	0.000025	0.000026	*a*	**0.282641**	**0.000025**	**0.000026**	**0.282633**	**0.000025**	**0.000026**	**7.0**	**0.9**	**0.9**	**1043**	**58**
BREID119259-100	27.10.2022	13268	13:38:21	41.1	1140	10	-2	11.0	-1.38	-1.42	1.03	0.039851	0.000995	0.001013	0.000015	0.282251	0.000051	0.000054	0.282236	0.000027	0.000028	*a*	**0.282236**	**0.000027**	**0.000028**	**0.282214**	**0.000027**	**0.000028**	**5.4**	**0.9**	**1.0**	**1602**	**61**
BREID119259-101	27.10.2022	13268	13:39:46	41.1	1222	7	0	12.1	-1.38	-1.40	1.02	0.011626	0.000150	0.000241	0.000003	0.282003	0.000043	0.000045	0.282004	0.000024	0.000025	*a*	**0.282004**	**0.000024**	**0.000025**	**0.281999**	**0.000024**	**0.000025**	**-0.4**	**0.8**	**0.9**	**2021**	**54**
BREID119259-102	27.10.2022	13268	13:41:12	41.0	2121	10	-1	9.9	-1.38	-1.40	1.02	0.018137	0.000146	0.000475	0.000003	0.281217	0.000056	0.000059	0.281210	0.000028	0.000030	*a*	**0.281210**	**0.000028**	**0.000030**	**0.281191**	**0.000028**	**0.000030**	**-8.4**	**1.0**	**1.1**	**3200**	**63**
BREID119259-103	27.10.2022	13268	13:44:13	41.0	1817	4	0	12.3	-1.38	-1.39	1.01	0.018098	0.000140	0.000491	0.000002	0.281651	0.000043	0.000045	0.281642	0.000022	0.000023	*a*	**0.281642**	**0.000022**	**0.000023**	**0.281625**	**0.000022**	**0.000023**	**0.0**	**0.8**	**0.8**	**2462**	**50**
BREID119259-104	27.10.2022	13268	13:45:38	41.0	1338	6	-2	13.0	-1.38	-1.41	1.02	0.047762	0.000270	0.001188	0.000004	0.282131	0.000047	0.000049	0.282118	0.000022	0.000023	*a*	**0.282118**	**0.000022**	**0.000023**	**0.282088**	**0.000022**	**0.000023**	**5.4**	**0.8**	**0.8**	**1755**	**51**
BREID119259-105	27.10.2022	13268	13:47:03	41.0	1070	9	-2	12.2	-1.38	-1.40	1.02	0.021564	0.000191	0.000585	0.000008	0.282224	0.000045	0.000047	0.282211	0.000025	0.000026	*a*	**0.282211**	**0.000025**	**0.000026**	**0.282199**	**0.000025**	**0.000026**	**3.3**	**0.9**	**0.9**	**1678**	**57**
BREID119259-106	27.10.2022	13268	13:48:28	37.5	1058	12	-4	11.4	-1.38	-1.39	1.00	0.017727	0.000715	0.000489	0.000017	0.282273	0.000046	0.000048	0.282254	0.000025	0.000026	*a*	**0.282254**	**0.000025**	**0.000026**	**0.282244**	**0.000025**	**0.000026**	**4.6**	**0.9**	**0.9**	**1587**	**58**
BREID119259-107	27.10.2022	13268	13:49:53	41.0	1594	7	-4	13.8	-1.39	-1.41	1.02	0.039338	0.000807	0.001110	0.000016	0.281901	0.000043	0.000045	0.281884	0.000022	0.000023	*a*	**0.281884**	**0.000022**	**0.000023**	**0.281851**	**0.000022**	**0.000023**	**2.9**	**0.8**	**0.8**	**2113**	**49**
BREID119259-108	27.10.2022	13268	13:51:19	41.0	1736	5	-1	11.2	-1.38	-1.38	1.00	0.032320	0.000381	0.000891	0.000011	0.281807	0.000051	0.000054	0.281783	0.000026	0.000028	*a*	**0.281783**	**0.000026**	**0.000028**	**0.281754**	**0.000026**	**0.000028**	**2.7**	**0.9**	**1.0**	**2235**	**60**
BREID119259-109	27.10.2022	13268	13:54:19	41.0	545	3	-3	14.5	-1.38	-1.41	1.02	0.031644	0.000391	0.001056	0.000015	0.282554	0.000037	0.000038	0.282543	0.000019	0.000020	*a*	**0.282543**	**0.000019**	**0.000020**	**0.282532**	**0.000019**	**0.000020**	**3.2**	**0.7**	**0.7**	**1273**	**44**
BREID119259-110	27.10.2022	13268	13:55:45	41.0	1868	12	-1	12.1	-1.38	-1.45	1.05	0.011716	0.000073	0.000343	0.000001	0.281347	0.000044	0.000046	0.281350	0.000023	0.000024	*a*	**0.281350**	**0.000023**	**0.000024**	**0.281337**	**0.000023**	**0.000024**	**-9.1**	**0.8**	**0.9**	**3044**	**51**
BREID119259-111	27.10.2022	13268	13:57:10	41.0	1340	7	0	12.6	-1.39	-1.41	1.01	0.031909	0.000927	0.000888	0.000014	0.282051	0.000043	0.000045	0.282031	0.000024	0.000025	*a*	**0.282031**	**0.000024**	**0.000025**	**0.282009**	**0.000024**	**0.000025**	**2.6**	**0.9**	**0.9**	**1927**	**55**
BREID119259-112	27.10.2022	13268	13:58:35	41.0	1452	6	0	13.2	-1.38	-1.39	1.01	0.021978	0.000408	0.000644	0.000004	0.282044	0.000044	0.000046	0.282031	0.000022	0.000024	*a*	**0.282031**	**0.000022**	**0.000024**	**0.282013**	**0.000022**	**0.000024**	**5.4**	**0.8**	**0.8**	**1848**	**51**
BREID119259-113	27.10.2022	13268	14:00:00	41.0	1004	16	1	11.8	-1.39	-1.42	1.03	0.022693	0.000322	0.000596	0.000004	0.282233	0.000045	0.000048	0.282218	0.000023	0.000024	*a*	**0.282218**	**0.000023**	**0.000024**	**0.282207**	**0.000023**	**0.000024**	**2.0**	**0.8**	**0.9**	**1702**	**53**
BREID119259-114	27.10.2022	13268	14:01:25	41.0	1072	11	-1	11.9	-1.38	-1.42	1.03	0.034956	0.000562	0.000908	0.000007	0.282243	0.000048	0.000051	0.282225	0.000025	0.000026	*a*	**0.282225**	**0.000025**	**0.000026**	**0.282207**	**0.000025**	**0.000026**	**3.6**	**0.9**	**0.9**	**1659**	**57**
BREID119259-115	27.10.2022	13268	14:04:26	41.0	992	7	7	14.2	-1.38	-1.37	1.00	0.034242	0.000413	0.000872	0.000014	0.282251	0.000041	0.000043	0.282222	0.000022	0.000023	*a*	**0.282222**	**0.000022**	**0.000023**	**0.282206**	**0.000022**	**0.000023**	**1.7**	**0.8**	**0.8**	**1712**	**50**
BREID119259-116	27.10.2022	13268	14:05:51	31.1	1028	23	-1	10.6	-1.38	-1.40	1.02	0.016076	0.000158	0.000428	0.000001	0.282169	0.000056	0.000059	0.282168	0.000028	0.000029	*a*	**0.282168**	**0.000028**	**0.000029**	**0.282160**	**0.000028**	**0.000029**	**0.9**	**1.0**	**1.0**	**1790**	**64**
BREID119259-117	27.10.2022	13268	14:07:16	28.3	1540	5	0	12.2	-1.38	-1.40	1.02	0.047934	0.000687	0.001224	0.000008	0.281984	0.000059	0.000062	0.281965	0.000028	0.000030	*a*	**0.281965**	**0.000028**	**0.000030**	**0.281929**	**0.000028**	**0.000030**	**4.4**	**1.0**	**1.1**	**1977**	**65**
BREID119259-118	27.10.2022	13268	14:08:41	41.2	563	3	3	11.8	-1.38	-1.44	1.04	0.022265	0.000245	0.000605	0.000005	0.282457	0.000046	0.000048	0.282459	0.000025	0.000026	*a*	**0.282459**	**0.000025**	**0.000026**	**0.282452**	**0.000025**	**0.000026**	**0.8**	**0.9**	**0.9**	**1437**	**57**
BREID119259-119	27.10.2022	13268	14:10:06	16.4	920	6	-1	9.6	-1.38	-1.40	1.01	0.023432	0.000836	0.000528	0.000011	0.282211	0.000083	0.000087	0.282202	0.000042	0.000044	*a*	**0.282202**	**0.000042**	**0.000044**	**0.282193**	**0.000042**	**0.000044**	**-0.4**	**1.5**	**1.6**	**1785**	**96**
BREID119259-120	27.10.2022	13268	14:11:32	41.1	1186	6	-1	12.4	-1.38	-1.37	1.00	0.026434	0.000129	0.000689	0.000002	0.282158	0.000045	0.000047	0.282128	0.000023	0.000024	*a*	**0.282128**	**0.000023**	**0.000024**	**0.282112**	**0.000023**	**0.000024**	**2.8**	**0.8**	**0.9**	**1796**	**53**

STAM021651

STAM021651-1	21.11.2022	13283	17:51:44	41.1	1007	32	6	6.4	-1.35	-1.46	1.07	0.030798	0.000573	0.000689	0.000016	0.282193	0.000081	0.000085	0.282191	0.000041	0.000043	*a*	**0.282191**	**0.000041**	**0.000043**	**0.282178**	**0.000041**	**0.000043**	**1.1**	**1.5**	**1.5**	**1764**	**95**
STAM021651-2	21.11.2022	13283	17:53:09	41.0	1529	8	0	8.6	-1.36	-1.38	1.02	0.029100	0.000245	0.000712	0.000005	0.281999	0.000061	0.000064	0.281973	0.000029	0.000030	*a*	**0.281973**	**0.000029**	**0.000030**	**0.281952**	**0.000029**	**0.000030**	**5.0**	**1.0**	**1.1**	**1933**	**65**
STAM021651-3	21.11.2022	13283	17:54:34	40.3	1684	9	-1	6.7	-1.34	-1.43	1.06	0.040130	0.000327	0.000982	0.000010	0.281793	0.000081	0.000085	0.281797	0.000036	0.000038	*a*	**0.281797**	**0.000036**	**0.000038**	**0.281766**	**0.000036**	**0.000038**	**1.9**	**1.3**	**1.4**	**2241**	**82**
STAM021651-4	21.11.2022	13283	17:55:59	17.9	1044	5	0	8.0	-1.34	-1.42	1.05	0.060600	0.002256	0.001400	0.000028	0.282208	0.000111	0.000117	0.282194	0.000050	0.000053	*a*	**0.282194**	**0.000050**	**0.000053**	**0.282167**	**0.000050**	**0.000053**	**1.5**	**1.8**	**1.9**	**1765**	**115**
STAM021651-5	21.11.2022	13283	17:57:24	34.8	1513	8	0	6.7	-1.34	-1.37	1.02	0.067670	0.000906	0.001737	0.000018	0.282053	0.000096	0.000101	0.282002	0.000043	0.000045	*a*	**0.282002**	**0.000043**	**0.000045**	**0.281952**	**0.000043**	**0.000045**	**4.6**	**1.5**	**1.6**	**1943**	**97**
STAM021651-6	21.11.2022	13283	17:58:50	41.0	1878	4	0	8.7	-1.36	-1.38	1.02	0.048312	0.001117	0.001175	0.000029	0.281538	0.000071	0.000075	0.281484	0.000036	0.000038	*a*	**0.281484**	**0.000036**	**0.000038**	**0.281442**	**0.000036**	**0.000038**	**-5.1**	**1.3**	**1.3**	**2816**	**80**

STAM021651-7	21.11.2022	13283	18:00:15	41.0	1983	13	4	5.4	-1.35	-1.40	1.04	0.031378	0.000452	0.000783	0.000008	0.281309	0.000094	0.000098	0.281288	0.000041	0.000043	*a*	0.281288	0.000041	0.000043	0.281259	0.000041	0.000043	-9.2	1.5	1.5	3141	91
STAM021651-8	21.11.2022	13283	18:01:40	28.2	1011	16	2	8.4	-1.36	-1.41	1.04	0.052362	0.001816	0.001222	0.000048	0.282216	0.000075	0.000078	0.282180	0.000037	0.000039	*a*	0.282180	0.000037	0.000039	0.282157	0.000037	0.000039	0.4	1.3	1.4	1808	86
STAM021651-9	21.11.2022	13283	18:03:05	38.9	1524	7	0	8.6	-1.35	-1.40	1.04	0.091193	0.001161	0.002098	0.000024	0.282084	0.000075	0.000079	0.282031	0.000036	0.000038	*a*	0.282031	0.000036	0.000038	0.281970	0.000036	0.000038	5.5	1.3	1.3	1897	82
STAM021651-10	21.11.2022	13283	18:04:30	41.2	1233	10	0	7.9	-1.34	-1.41	1.05	0.060003	0.001113	0.001388	0.000022	0.282106	0.000078	0.000082	0.282091	0.000036	0.000037	*a*	0.282091	0.000036	0.000037	0.282059	0.000036	0.000037	2.0	1.3	1.3	1884	82
STAM021651-11	21.11.2022	13283	18:05:56	28.4	1597	10	2	9.1	-1.34	-1.36	1.02	0.025465	0.000242	0.000644	0.000013	0.281970	0.000067	0.000070	0.281944	0.000035	0.000037	*a*	0.281944	0.000035	0.000037	0.281925	0.000035	0.000037	5.6	1.2	1.3	1951	80
STAM021651-12	21.11.2022	13283	18:07:21	41.1	1502	7	1	7.0	-1.35	-1.41	1.05	0.073214	0.001435	0.001875	0.000045	0.281933	0.000081	0.000085	0.281916	0.000037	0.000039	*a*	0.281916	0.000037	0.000039	0.281862	0.000037	0.000039	1.2	1.3	1.4	2145	84
STAM021651-13	21.11.2022	13283	18:08:46	29.5	1018	19	4	6.9	-1.36	-1.37	1.01	0.044828	0.001191	0.001018	0.000027	0.282161	0.000086	0.000090	0.282116	0.000043	0.000046	*a*	0.282116	0.000043	0.000046	0.282097	0.000043	0.000046	-1.6	1.5	1.6	1935	100
STAM021651-14	21.11.2022	13283	18:10:11	25.1	1604	11	-2	7.6	-1.35	-1.40	1.04	0.100268	0.000882	0.002557	0.000031	0.281945	0.000104	0.000109	0.281912	0.000048	0.000051	*a*	0.281912	0.000048	0.000051	0.281834	0.000048	0.000051	2.5	1.7	1.8	2144	110
STAM021651-15	21.11.2022	13283	18:13:05	41.1	2218	7	0	7.0	-1.34	-1.42	1.05	0.019321	0.000157	0.000486	0.000007	0.281332	0.000072	0.000075	0.281328	0.000037	0.000039	*a*	0.281328	0.000037	0.000039	0.281308	0.000037	0.000039	-2.0	1.3	1.4	2896	82
STAM021651-16	21.11.2022	13283	18:14:30	41.0	1618	8	1	7.3	-1.36	-1.37	1.01	0.036397	0.000443	0.000864	0.000012	0.281856	0.000074	0.000078	0.281823	0.000034	0.000036	*a*	0.281823	0.000034	0.000036	0.281797	0.000034	0.000036	1.5	1.2	1.3	2215	77
STAM021651-17	21.11.2022	13283	18:15:55	30.3	1032	9	3	9.6	-1.34	-1.41	1.07	0.019843	0.000131	0.000490	0.000008	0.282207	0.000064	0.000067	0.282206	0.000032	0.000034	*a*	0.282206	0.000032	0.000034	0.282197	0.000032	0.000034	2.3	1.1	1.2	1707	74
STAM021651-18	21.11.2022	13283	18:17:21	27.4	1358	11	1	9.0	-1.35	-1.39	1.03	0.045588	0.000881	0.001066	0.000028	0.281957	0.000069	0.000073	0.281931	0.000036	0.000038	*a*	0.281931	0.000036	0.000038	0.281903	0.000036	0.000038	-0.7	1.3	1.3	2145	82
STAM021651-19	21.11.2022	13283	18:18:46	28.6	2740	6	1	9.7	-1.35	-1.46	1.08	0.021014	0.000189	0.000538	0.000003	0.280787	0.000062	0.000065	0.280799	0.000031	0.000033	*a*	0.280799	0.000031	0.000033	0.280771	0.000031	0.000033	-8.9	1.1	1.2	3708	68
STAM021651-20	21.11.2022	13283	18:20:11	41.0	1037	7	1	14.2	-1.34	-1.37	1.02	0.025804	0.000856	0.000566	0.000010	0.282220	0.000039	0.000041	0.282197	0.000021	0.000022	*a*	0.282197	0.000021	0.000022	0.282185	0.000021	0.000022	2.0	0.7	0.8	1729	48
STAM021651-21	21.11.2022	13283	18:21:37	41.0	1207	7	0	8.6	-1.36	-1.40	1.03	0.072716	0.000452	0.001752	0.000007	0.282222	0.000074	0.000077	0.282166	0.000033	0.000035	*a*	0.282166	0.000033	0.000035	0.282126	0.000033	0.000035	3.8	1.2	1.2	1752	76
STAM021651-22	21.11.2022	13283	18:23:02	41.0	1361	16	4	8.6	-1.36	-1.39	1.02	0.035272	0.000922	0.000795	0.000014	0.281948	0.000064	0.000067	0.281917	0.000031	0.000032	*a*	0.281917	0.000031	0.000032	0.281897	0.000031	0.000032	-0.8	1.1	1.1	2156	70
STAM021651-23	21.11.2022	13283	18:24:27	39.2	1220	8	1	7.9	-1.35	-1.44	1.07	0.031142	0.000300	0.000761	0.000009	0.282054	0.000071	0.000075	0.282054	0.000034	0.000036	*a*	0.282054	0.000034	0.000036	0.282036	0.000034	0.000036	0.9	1.2	1.3	1940	78
STAM021651-24	21.11.2022	13283	18:25:52	39.4	1486	20	3	7.8	-1.36	-1.39	1.02	0.029326	0.000286	0.000811	0.000011	0.281924	0.000068	0.000072	0.281900	0.000035	0.000037	*a*	0.281900	0.000035	0.000037	0.281877	0.000035	0.000037	1.3	1.2	1.3	2123	79
STAM021651-25	21.11.2022	13283	18:27:18	38.0	1223	11	2	7.1	-1.35	-1.40	1.04	0.031250	0.000638	0.000722	0.000007	0.282132	0.000076	0.000080	0.282111	0.000034	0.000036	*a*	0.282111	0.000034	0.000036	0.282094	0.000034	0.000036	3.0	1.2	1.3	1813	79
STAM021651-26	21.11.2022	13283	18:28:43	41.0	1171	17	1	7.4	-1.35	-1.40	1.04	0.031736	0.000351	0.000791	0.000007	0.282120	0.000072	0.000075	0.282101	0.000034	0.000036	*a*	0.282101	0.000034	0.000036	0.282084	0.000034	0.000036	1.5	1.2	1.3	1867	79
STAM021651-27	21.11.2022	13283	18:30:08	41.0	1231	10	1	8.3	-1.36	-1.41	1.04	0.023406	0.000135	0.000564	0.000002	0.282127	0.000069	0.000073	0.282115	0.000032	0.000034	*a*	0.282115	0.000032	0.000034	0.282102	0.000032	0.000034	3.5	1.1	1.2	1791	74
STAM021651-28	21.11.2022	13283	18:31:33	30.7	1029	21	3	7.6	-1.33	-1.42	1.06	0.023869	0.000257	0.000594	0.000005	0.282185	0.000088	0.000092	0.282187	0.000041	0.000043	*a*	0.282187	0.000041	0.000043	0.282175	0.000041	0.000043	1.5	1.4	1.5	1756	94
STAM021651-29	21.11.2022	13283	18:32:59	39.9	1506	9	0	6.8	-1.35	-1.38	1.02	0.056609	0.001384	0.001351	0.000020	0.281975	0.000082	0.000087	0.281935	0.000039	0.000041	*a*	0.281935	0.000039	0.000041	0.281896	0.000039	0.000041	2.5	1.4	1.5	2069	89
STAM021651-30	21.11.2022	13283	18:35:52	41.1	1727	15	1	7.6	-1.35	-1.38	1.02	0.024953	0.000108	0.000641	0.000005	0.281758	0.000067	0.000071	0.281744	0.000032	0.000033	*a*	0.281744	0.000032	0.000033	0.281723	0.000032	0.000033	1.4	1.1	1.2	2308	72
STAM021651-31	21.11.2022	13283	18:37:18	41.1	1220	11	3	7.4	-1.35	-1.40	1.04	0.056889	0.000446	0.001282	0.000007	0.282146	0.000077	0.000080	0.282121	0.000037	0.000039	*a*	0.282121	0.000037	0.000039	0.282092	0.000037	0.000039	2.9	1.3	1.4	1820	86
STAM021651-32	21.11.2022	13283	18:38:43	24.2	1040	10	0	8.0	-1.35	-1.42	1.06	0.033240	0.000273	0.000805	0.000003	0.282127	0.000084	0.000088	0.282114	0.000040	0.000042	*a*	0.282114	0.000040	0.000042	0.282099	0.000040	0.000042	-1.0	1.4	1.5	1916	91
STAM021651-33	21.11.2022	13283	18:40:08	41.0	1594	8	0	8.1	-1.35	-1.36	1.00	0.020619	0.000218	0.000509	0.000002	0.281727	0.000063	0.000066	0.281694	0.000033	0.000035	*a*	0.281694	0.000033	0.000035	0.281679	0.000033	0.000035	-3.2	1.2	1.2	2483	74
STAM021651-34	21.11.2022	13283	18:41:33	28.4	1372	10	0	8.2	-1.36	-1.36	1.00	0.090394	0.007668	0.001819	0.000140	0.282028	0.000092	0.000097	0.281967	0.000042	0.000044	*b*	0.282028	0.000092	0.000097	0.281981	0.000092	0.000097	2.4	3.3	3.4	1967	211
STAM021651-35	21.11.2022	13283	18:42:58	39.0	1621	6	-23	8.8	-1.34	-1.38	1.03	0.086545	0.000576	0.002338	0.000014	0.281900	0.000071	0.000075	0.281854	0.000035	0.000037	*a*	0.281854	0.000035	0.000037	0.281783	0.000035	0.000037	1.1	1.3	1.3	2244	80
STAM021651-36	21.11.2022	13283	18:44:24	41.0	1197	11	-3	8.6	-1.35	-1.39	1.04	0.195370	0.001197	0.004190	0.000054	0.282367	0.000079	0.000083	0.282272	0.000036	0.000038	*b*	0.282367	0.000079	0.000083	0.282272	0.000079	0.000083	8.7	2.8	3.0	1440	183
STAM021651-37	21.11.2022	13283	18:45:49	41.0	1588	13	-11	7.7	-1.35	-1.37	1.02	0.040736	0.000787	0.001050	0.000021	0.281871	0.000074	0.000077	0.281835	0.000037	0.000039	*a*	0.281835	0.000037	0.000039	0.281803	0.000037	0.000039	1.1	1.3	1.4	2219	83
STAM021651-38	21.11.2022	13283	18:47:14	41.1	1239	11	1	7.0	-1.35	-1.39	1.03	0.053774	0.000209	0.001209	0.000007	0.282214	0.000079	0.000083	0.282164	0.000036	0.000038	*a*	0.282164	0.000036	0.000038	0.282136	0.000036	0.000038	4.9	1.3	1.3	1712	82

STAM021651-39	21.11.2022	13283	18:48:40	41.0	1291	7	0	8.3	-1.36	-1.39	1.02	0.029055	0.000301	0.000688	0.000003	0.282007	0.000063	0.000066	0.281996	0.000032	0.000033	*a*	**0.281996**	**0.000032**	**0.000033**	**0.281979**	**0.000032**	**0.000033**	**0.5**	**1.1**	**1.2**	**2021**	**72**
STAM021651-40	21.11.2022	13283	18:50:05	41.2	1345	14	4	6.4	-1.36	-1.38	1.02	0.040024	0.001030	0.000943	0.000018	0.282149	0.000081	0.000085	0.282115	0.000040	0.000042	*a*	**0.282115**	**0.000040**	**0.000042**	**0.282091**	**0.000040**	**0.000042**	**5.7**	**1.4**	**1.5**	**1744**	**93**
STAM021651-41	21.11.2022	13283	18:51:30	41.2	3045	5	4	7.0	-1.36	-1.40	1.04	0.054806	0.000689	0.001280	0.000010	0.280787	0.000076	0.000080	0.280755	0.000033	0.000035	*a*	**0.280755**	**0.000033**	**0.000035**	**0.280680**	**0.000033**	**0.000035**	**-5.0**	**1.2**	**1.2**	**3717**	**72**
STAM021651-42	21.11.2022	13283	18:52:55	41.0	1267	10	0	7.1	-1.35	-1.42	1.06	0.082621	0.000796	0.002085	0.000005	0.282243	0.000081	0.000085	0.282228	0.000040	0.000042	*a*	**0.282228**	**0.000040**	**0.000042**	**0.282178**	**0.000040**	**0.000042**	**7.0**	**1.4**	**1.5**	**1602**	**92**
STAM021651-43	21.11.2022	13283	18:54:21	30.1	1255	14	-3	8.7	-1.34	-1.35	1.00	0.043301	0.000452	0.001056	0.000020	0.282141	0.000068	0.000072	0.282108	0.000035	0.000036	*a*	**0.282108**	**0.000035**	**0.000036**	**0.282083**	**0.000035**	**0.000036**	**3.4**	**1.2**	**1.3**	**1818**	**79**
STAM021651-44	21.11.2022	13283	18:55:46	28.4	1220	11	0	9.7	-1.33	-1.37	1.02	0.040154	0.000461	0.001068	0.000007	0.282152	0.000067	0.000071	0.282124	0.000033	0.000035	*a*	**0.282124**	**0.000033**	**0.000035**	**0.282099**	**0.000033**	**0.000035**	**3.1**	**1.2**	**1.2**	**1803**	**76**
STAM021651-45	21.11.2022	13283	19:10:03	41.0	1225	8	0	8.5	-1.36	-1.39	1.02	0.032698	0.000237	0.000786	0.000001	0.282122	0.000068	0.000071	0.282100	0.000033	0.000035	*a*	**0.282100**	**0.000033**	**0.000035**	**0.282082**	**0.000033**	**0.000035**	**2.6**	**1.2**	**1.2**	**1838**	**76**
STAM021651-46	21.11.2022	13283	19:11:28	26.4	1509	6	0	7.8	-1.35	-1.39	1.03	0.097112	0.000720	0.002358	0.000019	0.281979	0.000100	0.000106	0.281927	0.000044	0.000046	*a*	**0.281927**	**0.000044**	**0.000046**	**0.281860**	**0.000044**	**0.000046**	**1.2**	**1.6**	**1.6**	**2146**	**100**
STAM021651-47	21.11.2022	13283	19:12:53	41.0	1737	9	0	8.9	-1.36	-1.39	1.02	0.041752	0.002158	0.000967	0.000037	0.281806	0.000062	0.000065	0.281780	0.000031	0.000032	*a*	**0.281780**	**0.000031**	**0.000032**	**0.281748**	**0.000031**	**0.000032**	**2.5**	**1.1**	**1.1**	**2248**	**69**
STAM021651-48	21.11.2022	13283	19:14:18	35.4	1582	8	-2	9.2	-1.34	-1.38	1.03	0.130639	0.000941	0.003087	0.000034	0.282043	0.000085	0.000089	0.281968	0.000037	0.000038	*b*	**0.282043**	**0.000085**	**0.000089**	**0.281951**	**0.000085**	**0.000089**	**6.1**	**3.0**	**3.2**	**1904**	**194**
STAM021651-49	21.11.2022	13283	19:15:43	29.9	1812	9	1	8.4	-1.32	-1.35	1.03	0.043560	0.000540	0.001256	0.000020	0.281662	0.000086	0.000090	0.281659	0.000041	0.000043	*a*	**0.281659**	**0.000041**	**0.000043**	**0.281616**	**0.000041**	**0.000043**	**-0.4**	**1.4**	**1.5**	**2485**	**91**
STAM021651-50	21.11.2022	13283	19:17:09	22.0	1067	21	2	9.0	-1.32	-1.39	1.06	0.029723	0.000490	0.000718	0.000018	0.282152	0.000076	0.000080	0.282147	0.000041	0.000043	*a*	**0.282147**	**0.000041**	**0.000043**	**0.282133**	**0.000041**	**0.000043**	**0.9**	**1.5**	**1.5**	**1825**	**95**
STAM021651-51	21.11.2022	13283	19:18:34	29.8	1487	8	0	8.6	-1.35	-1.36	1.01	0.055000	0.001506	0.001232	0.000023	0.282052	0.000071	0.000074	0.282013	0.000036	0.000038	*a*	**0.282013**	**0.000036**	**0.000038**	**0.281978**	**0.000036**	**0.000038**	**4.9**	**1.3**	**1.3**	**1903**	**82**
STAM021651-52	21.11.2022	13283	19:19:59	31.2	1152	10	1	10.0	-1.35	-1.40	1.04	0.047662	0.000914	0.001107	0.000023	0.282215	0.000066	0.000070	0.282188	0.000032	0.000034	*a*	**0.282188**	**0.000032**	**0.000034**	**0.282164**	**0.000032**	**0.000034**	**3.9**	**1.1**	**1.2**	**1704**	**74**
STAM021651-53	21.11.2022	13283	19:21:24	24.9	1858	8	2	8.7	-1.34	-1.36	1.00	0.015686	0.000468	0.000409	0.000012	0.281456	0.000074	0.000078	0.281455	0.000038	0.000040	*a*	**0.281455**	**0.000038**	**0.000040**	**0.281441**	**0.000038**	**0.000040**	**-5.6**	**1.3**	**1.4**	**2831**	**85**
STAM021651-54	21.11.2022	13283	19:22:50	26.6	1465	14	4	9.0	-1.32	-1.40	1.06	0.028843	0.000463	0.000759	0.000010	0.281910	0.000064	0.000067	0.281920	0.000035	0.000037	*a*	**0.281920**	**0.000035**	**0.000037**	**0.281899**	**0.000035**	**0.000037**	**1.6**	**1.2**	**1.3**	**2088**	**79**
STAM021651-55	21.11.2022	13283	19:24:15	32.1	1426	11	2	9.7	-1.35	-1.41	1.05	0.054361	0.000734	0.001259	0.000024	0.282013	0.000066	0.000069	0.282000	0.000033	0.000035	*a*	**0.282000**	**0.000033**	**0.000035**	**0.281966**	**0.000033**	**0.000035**	**3.1**	**1.2**	**1.2**	**1966**	**76**
STAM021651-56	21.11.2022	13283	19:25:40	41.1	1838	10	1	10.1	-1.36	-1.41	1.04	0.027020	0.002511	0.000667	0.000038	0.281671	0.000054	0.000056	0.281658	0.000027	0.000029	*a*	**0.281658**	**0.000027**	**0.000029**	**0.281634**	**0.000027**	**0.000029**	**0.8**	**1.0**	**1.0**	**2430**	**61**
STAM021651-57	21.11.2022	13283	19:27:06	41.1	1612	9	0	8.2	-1.35	-1.41	1.04	0.044092	0.000604	0.001117	0.000007	0.281859	0.000069	0.000072	0.281851	0.000036	0.000038	*a*	**0.281851**	**0.000036**	**0.000038**	**0.281817**	**0.000036**	**0.000038**	**2.1**	**1.3**	**1.4**	**2176**	**82**
STAM021651-58	21.11.2022	13283	19:28:31	41.0	1457	8	0	7.7	-1.36	-1.41	1.04	0.023905	0.000434	0.000605	0.000007	0.281729	0.000071	0.000075	0.281725	0.000036	0.000038	*a*	**0.281725**	**0.000036**	**0.000038**	**0.281708**	**0.000036**	**0.000038**	**-5.3**	**1.3**	**1.4**	**2504**	**82**
STAM021651-59	21.11.2022	13283	19:31:25	41.0	1995	9	-1	7.7	-1.36	-1.40	1.03	0.030991	0.000692	0.000786	0.000015	0.281664	0.000070	0.000073	0.281636	0.000036	0.000038	*a*	**0.281636**	**0.000036**	**0.000038**	**0.281606**	**0.000036**	**0.000038**	**3.4**	**1.3**	**1.4**	**2396**	**82**
STAM021651-60	21.11.2022	13283	19:32:50	20.5	1341	9	0	8.4	-1.34	-1.40	1.05	0.042888	0.000394	0.001085	0.000034	0.282044	0.000093	0.000098	0.282046	0.000044	0.000046	*a*	**0.282046**	**0.000044**	**0.000046**	**0.282018**	**0.000044**	**0.000046**	**3.0**	**1.6**	**1.6**	**1906**	**100**
STAM021651-61	21.11.2022	13283	19:34:15	39.0	1199	26	-2	7.7	-1.34	-1.40	1.04	0.043003	0.000417	0.001036	0.000011	0.282164	0.000078	0.000082	0.282151	0.000036	0.000038	*a*	**0.282151**	**0.000036**	**0.000038**	**0.282128**	**0.000036**	**0.000038**	**3.7**	**1.3**	**1.3**	**1755**	**82**
STAM021651-62	21.11.2022	13283	19:35:40	41.0	1815	5	0	7.8	-1.34	-1.36	1.02	0.033851	0.000333	0.000904	0.000009	0.281781	0.000068	0.000071	0.281748	0.000035	0.000037	*a*	**0.281748**	**0.000035**	**0.000037**	**0.281717**	**0.000035**	**0.000037**	**3.2**	**1.2**	**1.3**	**2266**	**79**
STAM021651-63	21.11.2022	13283	19:37:05	28.2	1531	6	1	9.0	-1.33	-1.39	1.05	0.091850	0.001220	0.002177	0.000010	0.281969	0.000071	0.000075	0.281965	0.000035	0.000037	*a*	**0.281965**	**0.000035**	**0.000037**	**0.281902**	**0.000035**	**0.000037**	**3.2**	**1.3**	**1.3**	**2042**	**81**
STAM021651-64	21.11.2022	13283	19:38:31	26.5	1477	15	1	9.0	-1.36	-1.42	1.04	0.034930	0.000938	0.000855	0.000010	0.281925	0.000074	0.000078	0.281910	0.000036	0.000038	*a*	**0.281910**	**0.000036**	**0.000038**	**0.281886**	**0.000036**	**0.000038**	**1.5**	**1.3**	**1.3**	**2108**	**82**
STAM021651-65	21.11.2022	13283	19:39:56	41.2	1489	21	6	7.6	-1.35	-1.40	1.03	0.036199	0.000221	0.000861	0.000010	0.282027	0.000070	0.000074	0.282020	0.000034	0.000035	*a*	**0.282020**	**0.000034**	**0.000035**	**0.281996**	**0.000034**	**0.000035**	**5.6**	**1.2**	**1.3**	**1863**	**77**
STAM021651-66	21.11.2022	13283	19:41:21	41.1	1743	13	0	7.7	-1.36	-1.42	1.04	0.032949	0.000345	0.000782	0.000009	0.281689	0.000066	0.000069	0.281697	0.000034	0.000036	*a*	**0.281697**	**0.000034**	**0.000036**	**0.281671**	**0.000034**	**0.000036**	**-0.1**	**1.2**	**1.3**	**2409**	**77**
STAM021651-67	21.11.2022	13283	19:42:46	41.0	1546	9	1	11.4	-1.35	-1.38	1.02	0.079159	0.000372	0.001862	0.000003	0.281929	0.000058	0.000060	0.281878	0.000028	0.000029	*a*	**0.281878**	**0.000028**	**0.000029**	**0.281824**	**0.000028**	**0.000029**	**0.8**	**1.0**	**1.0**	**2201**	**62**
STAM021651-68	21.11.2022	13283	19:44:12	41.1	2787	13	-71	10.0	-1.34	-1.36	1.02	0.233248	0.009234	0.004492	0.000155	0.281639	0.000081	0.000085	0.281486	0.000039	0.000041	*b*	**0.281639**	**0.000081**	**0.000085**	**0.281399**	**0.000081**	**0.000085**	**14.5**	**2.9**	**3.0**	**2365**	**181**
STAM021651-69	21.11.2022	13283	19:45:37	41.2	1709	6	1	9.2	-1.36	-1.38	1.02	0.062007	0.001107	0.001441	0.000031	0.281819	0.000066	0.000069	0.281777	0.000030	0.000032	*a*	**0.281777**	**0.000030**	**0.000032**	**0.281730**	**0.000030**	**0.000032**	**1.2**	**1.1**	**1.1**	**2303**	**68**
STAM021651-70	21.11.2022	13283	19:47:02	34.9	1907	6	0	9.9	-1.36	-1.37	1.01	0.032072	0.001009	0.000753	0.000026	0.281750	0.000061	0.000064	0.281709	0.000029	0.000030	*a*	**0.281709**	**0.000029**	**0.000030**	**0.281682**	**0.000029**	**0.000030**	**4.1**	**1.0**	**1.1**	**2287**	**65**

STAM021651-71	21.11.2022	13283	19:48:27	37.0	1429	18	-2	7.3	-1.35	-1.39	1.04	0.022423	0.000201	0.000546	0.000002	0.281940	0.000075	0.000079	0.281938	0.000035	0.000037	*a*	0.281938	0.000035	0.000037	0.281924	0.000035	0.000037	1.7	1.3	1.3	2057	81
STAM021651-72	21.11.2022	13283	19:49:52	21.3	1742	15	-21	10.9	-1.35	-1.37	1.01	0.077847	0.001816	0.001602	0.000032	0.281768	0.000074	0.000078	0.281725	0.000039	0.000041	*a*	0.281725	0.000039	0.000041	0.281672	0.000039	0.000041	-0.1	1.4	1.4	2408	87
STAM021651-73	21.11.2022	13283	19:51:18	41.3	1035	11	0	9.3	-1.36	-1.36	1.00	0.024644	0.000201	0.000642	0.000005	0.282312	0.000061	0.000064	0.282292	0.000029	0.000030	*a*	0.282292	0.000029	0.000030	0.282279	0.000029	0.000030	5.3	1.0	1.1	1524	66
STAM021651-74	21.11.2022	13283	19:52:43	23.5	1307	10	1	9.2	-1.34	-1.38	1.03	0.035890	0.000379	0.000872	0.000010	0.281972	0.000073	0.000076	0.281961	0.000038	0.000040	*a*	0.281961	0.000038	0.000040	0.281939	0.000038	0.000040	-0.6	1.4	1.4	2098	88
STAM021651-75	21.11.2022	13283	19:55:37	41.0	2474	6	-1	17.0	-1.37	-1.38	1.01	0.034169	0.000437	0.000879	0.000012	0.281013	0.000035	0.000037	0.280971	0.000020	0.000020	*a*	0.280971	0.000020	0.000020	0.280929	0.000020	0.000020	-9.5	0.7	0.7	3537	43
STAM021651-76	21.11.2022	13283	19:57:02	29.3	1258	21	4	8.1	-1.35	-1.45	1.07	0.024182	0.000317	0.000576	0.000010	0.281900	0.000078	0.000082	0.281898	0.000040	0.000042	*a*	0.281898	0.000040	0.000042	0.281884	0.000040	0.000042	-3.6	1.4	1.5	2247	90
STAM021651-77	21.11.2022	13283	19:58:28	41.0	1125	22	5	7.6	-1.35	-1.39	1.02	0.042570	0.000829	0.001005	0.000012	0.282181	0.000070	0.000074	0.282156	0.000035	0.000037	*a*	0.282156	0.000035	0.000037	0.282134	0.000035	0.000037	2.2	1.2	1.3	1785	81
STAM021651-78	21.11.2022	13283	19:59:53	27.8	1447	15	3	9.2	-1.34	-1.37	1.01	0.029587	0.000232	0.000791	0.000005	0.281920	0.000069	0.000073	0.281903	0.000035	0.000036	*a*	0.281903	0.000035	0.000036	0.281881	0.000035	0.000036	0.6	1.2	1.3	2138	79
STAM021651-79	21.11.2022	13283	20:01:18	41.2	1648	16	3	6.7	-1.35	-1.34	1.00	0.042008	0.000381	0.001071	0.000012	0.281919	0.000080	0.000084	0.281883	0.000039	0.000041	*a*	0.281883	0.000039	0.000041	0.281850	0.000039	0.000041	4.1	1.4	1.5	2083	89
STAM021651-80	21.11.2022	13283	20:02:43	41.0	1260	16	2	7.2	-1.36	-1.41	1.04	0.045247	0.000997	0.001055	0.000023	0.282032	0.000079	0.000083	0.282021	0.000038	0.000039	*a*	0.282021	0.000038	0.000039	0.281996	0.000038	0.000039	0.4	1.3	1.4	2003	86
STAM021651-81	21.11.2022	13283	20:04:09	41.0	1462	11	0	7.0	-1.35	-1.38	1.03	0.052302	0.000399	0.001325	0.000009	0.282096	0.000085	0.000089	0.282079	0.000039	0.000041	*a*	0.282079	0.000039	0.000041	0.282042	0.000039	0.000041	6.6	1.4	1.5	1778	90
STAM021651-82	21.11.2022	13283	20:05:34	41.0	1399	19	0	8.5	-1.36	-1.38	1.01	0.026824	0.000104	0.000674	0.000003	0.282004	0.000059	0.000062	0.281986	0.000030	0.000031	*a*	0.281986	0.000030	0.000031	0.281968	0.000030	0.000031	2.5	1.1	1.1	1980	68
STAM021651-83	21.11.2022	13283	20:06:59	34.4	1070	27	-6	7.4	-1.36	-1.40	1.04	0.068147	0.001745	0.001657	0.000031	0.282214	0.000084	0.000088	0.282194	0.000040	0.000042	*a*	0.282194	0.000040	0.000042	0.282160	0.000040	0.000042	1.9	1.4	1.5	1763	92
STAM021651-84	21.11.2022	13283	20:08:24	28.4	1050	31	4	5.8	-1.35	-1.37	1.05	0.024500	0.000275	0.000584	0.000003	0.282299	0.000106	0.000112	0.282296	0.000051	0.000053	*a*	0.282296	0.000051	0.000053	0.282285	0.000051	0.000053	5.8	1.8	1.9	1503	117
STAM021651-85	21.11.2022	13283	20:09:49	41.0	1496	9	1	7.9	-1.34	-1.41	1.05	0.022211	0.000265	0.000581	0.000010	0.281937	0.000068	0.000071	0.281951	0.000032	0.000034	*a*	0.281951	0.000032	0.000034	0.281935	0.000032	0.000034	3.6	1.1	1.2	1992	73
STAM021651-86	21.11.2022	13283	20:11:15	41.0	1556	12	1	8.8	-1.35	-1.37	1.02	0.053720	0.003344	0.001067	0.000056	0.281868	0.000068	0.000071	0.281858	0.000033	0.000034	*a*	0.281858	0.000033	0.000034	0.281826	0.000033	0.000034	1.1	1.2	1.2	2189	74
STAM021651-87	21.11.2022	13283	20:12:40	41.1	1201	15	1	8.3	-1.31	-1.43	1.09	0.080007	0.000470	0.002048	0.000030	0.282161	0.000070	0.000073	0.282246	0.000033	0.000035	*b*	0.282161	0.000070	0.000073	0.282114	0.000070	0.000073	3.2	2.5	2.6	1782	160
STAM021651-88	21.11.2022	13283	20:14:05	41.0	1146	11	0	6.8	-1.35	-1.38	1.01	0.034294	0.000614	0.000809	0.000009	0.282178	0.000079	0.000083	0.282159	0.000040	0.000042	*a*	0.282159	0.000040	0.000042	0.282142	0.000040	0.000042	2.9	1.4	1.5	1757	91
STAM021651-89	21.11.2022	13283	20:28:23	41.0	1005	26	4	7.7	-1.34	-1.41	1.05	0.039936	0.000210	0.000920	0.000005	0.282184	0.000070	0.000073	0.282181	0.000034	0.000036	*a*	0.282181	0.000034	0.000036	0.282164	0.000034	0.000036	0.5	1.2	1.3	1796	79
STAM021651-90	21.11.2022	13283	20:29:49	39.8	2026	11	-1	8.7	-1.34	-1.36	1.02	0.030160	0.000685	0.000749	0.000022	0.281441	0.000062	0.000065	0.281416	0.000031	0.000033	*a*	0.281416	0.000031	0.000033	0.281387	0.000032	0.000033	-3.6	1.1	1.2	2843	70
STAM021651-91	21.11.2022	13283	20:31:14	34.2	1458	7	0	8.4	-1.34	-1.39	1.03	0.021229	0.000811	0.000662	0.000023	0.282099	0.000073	0.000077	0.282100	0.000035	0.000036	*a*	0.282100	0.000035	0.000036	0.282082	0.000035	0.000036	7.9	1.2	1.3	1695	80
STAM021651-92	21.11.2022	13283	20:32:39	39.1	1247	9	2	7.9	-1.34	-1.36	1.02	0.035425	0.001499	0.000852	0.000038	0.282152	0.000080	0.000084	0.282151	0.000039	0.000041	*a*	0.282151	0.000039	0.000041	0.282131	0.000039	0.000041	4.9	1.4	1.5	1718	90
STAM021651-93	21.11.2022	13283	20:34:04	41.0	1796	12	1	7.9	-1.35	-1.41	1.05	0.015811	0.000155	0.000391	0.000001	0.281677	0.000068	0.000071	0.281685	0.000033	0.000035	*a*	0.281685	0.000033	0.000035	0.281672	0.000033	0.000035	1.2	1.2	1.2	2375	75
STAM021651-94	21.11.2022	13283	20:35:29	41.0	1647	18	2	6.6	-1.35	-1.52	1.12	0.011796	0.000177	0.000304	0.000002	0.281723	0.000079	0.000083	0.281747	0.000036	0.000038	*a*	0.281747	0.000036	0.000038	0.281738	0.000036	0.000038	0.1	1.3	1.4	2324	82
STAM021651-95	21.11.2022	13283	20:36:54	28.7	1205	18	2	7.9	-1.34	-1.35	1.01	0.042899	0.000652	0.000977	0.000009	0.282223	0.000084	0.000088	0.282190	0.000041	0.000043	*a*	0.282190	0.000041	0.000043	0.282168	0.000041	0.000043	5.2	1.5	1.5	1663	95
STAM021651-96	21.11.2022	13283	20:38:20	41.0	1665	213	-36	6.5	-1.34	-1.35	1.00	0.030992	0.000249	0.000747	0.000005	0.282233	0.000084	0.000088	0.282214	0.000039	0.000041	*a*	0.282214	0.000039	0.000041	0.282190	0.000039	0.000041	16.5	1.4	1.4	1332	89
STAM021651-97	21.11.2022	13283	20:39:45	41.1	1158	9	2	8.5	-1.34	-1.40	1.05	0.029424	0.000688	0.000708	0.000016	0.282114	0.000067	0.000071	0.282111	0.000035	0.000036	*a*	0.282111	0.000035	0.000036	0.282096	0.000035	0.000036	1.6	1.2	1.3	1849	80
STAM021651-98	21.11.2022	13283	20:41:10	41.0	1124	7	-8	9.7	-1.35	-1.39	1.04	0.141094	0.001170	0.003120	0.000018	0.282303	0.000074	0.000077	0.282289	0.000034	0.000036	*a*	0.282289	0.000034	0.000036	0.282223	0.000034	0.000036	5.3	1.2	1.3	1593	79
STAM021651-99	21.11.2022	13283	20:42:35	41.0	1350	7	0	8.2	-1.36	-1.44	1.07	0.029679	0.000193	0.000724	0.000003	0.282013	0.000063	0.000066	0.282030	0.000033	0.000034	*a*	0.282030	0.000033	0.000034	0.282012	0.000033	0.000034	3.0	1.2	1.2	1914	74
STAM021651-100	21.11.2022	13283	20:44:00	41.1	1244	12	1	9.5	-1.36	-1.36	1.00	0.113165	0.001453	0.002244	0.000036	0.282176	0.000066	0.000070	0.282075	0.000029	0.000031	*b*	0.282176	0.000066	0.000070	0.282123	0.000066	0.000070	4.5	2.3	2.5	1736	152
STAM021651-101	21.11.2022	13283	20:45:26	41.1	1212	16	0	7.4	-1.34	-1.39	1.03	0.036461	0.000139	0.000847	0.000007	0.282092	0.000073	0.000077	0.282085	0.000034	0.000036	*a*	0.282085	0.000034	0.000036	0.282066	0.000034	0.000036	1.8	1.2	1.3	1882	78
STAM021651-102	21.11.2022	13283	20:46:51	41.1	1484	12	3	9.2	-1.36	-1.39	1.03	0.016054	0.000285	0.000388	0.000008	0.281921	0.000055	0.000058	0.281917	0.000029	0.000031	*a*	0.281917	0.000029	0.000031	0.281906	0.000029	0.000031	2.3	1.0	1.1	2061	67

STAM021651-103	21.11.2022	13283	20:49:45	22.0	1360	7	-2	10.2	-1.34	-1.37	1.02	0.048231	0.001094	0.001289	0.000019	0.282071	0.000077	0.000081	0.282049	0.000034	0.000036	*a*	0.282049	0.000034	0.000036	0.282015	0.000034	0.000036	3.3	1.2	1.3	1900	78
STAM021651-104	21.11.2022	13283	20:51:10	41.1	1122	11	1	8.5	-1.36	-1.41	1.04	0.033389	0.000578	0.000821	0.000016	0.282076	0.000069	0.000073	0.282079	0.000033	0.000035	*a*	0.282079	0.000033	0.000035	0.282062	0.000033	0.000035	-0.4	1.2	1.2	1946	75
STAM021651-105	21.11.2022	13283	20:52:35	39.3	1493	12	2	7.4	-1.35	-1.38	1.03	0.041531	0.000348	0.001032	0.000006	0.282007	0.000074	0.000078	0.281989	0.000035	0.000036	*a*	0.281989	0.000035	0.000036	0.281960	0.000035	0.000036	4.4	1.2	1.3	1940	79
STAM021651-106	21.11.2022	13283	20:54:00	41.1	1219	14	1	6.9	-1.36	-1.39	1.02	0.022443	0.000310	0.000552	0.000003	0.282103	0.000077	0.000081	0.282111	0.000036	0.000038	*a*	0.282111	0.000036	0.000038	0.282098	0.000036	0.000038	3.1	1.3	1.4	1806	83
STAM021651-107	21.11.2022	13283	20:55:26	29.7	1499	19	3	8.5	-1.34	-1.39	1.04	0.029767	0.000237	0.000746	0.000010	0.281926	0.000072	0.000076	0.281924	0.000035	0.000037	*a*	0.281924	0.000035	0.000037	0.281903	0.000035	0.000037	2.6	1.2	1.3	2058	80
STAM021651-108	21.11.2022	13283	20:56:51	35.7	1054	21	1	6.4	-1.35	-1.38	1.02	0.085412	0.001099	0.002014	0.000020	0.282134	0.000099	0.000104	0.282107	0.000046	0.000048	*a*	0.282107	0.000046	0.000048	0.282067	0.000046	0.000048	-1.8	1.6	1.7	1977	104
STAM021651-109	21.11.2022	13283	20:58:16	39.6	1796	11	3	7.6	-1.35	-1.40	1.03	0.042270	0.001107	0.001008	0.000027	0.281777	0.000066	0.000069	0.281764	0.000031	0.000033	*a*	0.281764	0.000031	0.000033	0.281729	0.000031	0.000033	3.2	1.1	1.2	2252	71
STAM021651-110	21.11.2022	13283	20:59:41	28.9	1716	6	0	10.8	-1.35	-1.37	1.01	0.034351	0.000819	0.000742	0.000016	0.281835	0.000066	0.000069	0.281814	0.000034	0.000036	*a*	0.281814	0.000034	0.000036	0.281790	0.000034	0.000036	3.5	1.2	1.3	2171	77
STAM021651-111	21.11.2022	13283	21:01:07	27.3	1829	5	0	10.9	-1.35	-1.38	1.02	0.024013	0.000130	0.000618	0.000010	0.281600	0.000057	0.000060	0.281595	0.000030	0.000031	*a*	0.281595	0.000030	0.000031	0.281574	0.000030	0.000031	-1.6	1.1	1.1	2566	66
STAM021651-112	21.11.2022	13283	21:02:32	41.0	1194	10	1	6.3	-1.35	-1.39	1.03	0.016452	0.000111	0.000442	0.000006	0.282195	0.000090	0.000095	0.282215	0.000043	0.000045	*a*	0.282215	0.000043	0.000045	0.282205	0.000043	0.000045	6.3	1.5	1.6	1589	99
STAM021651-113	21.11.2022	13283	21:03:57	41.1	1258	8	-20	9.0	-1.33	-1.36	1.02	0.082268	0.001160	0.001985	0.000024	0.282264	0.000068	0.000071	0.282235	0.000033	0.000035	*a*	0.282235	0.000033	0.000035	0.282188	0.000033	0.000035	7.1	1.2	1.2	1587	76
STAM021651-114	21.11.2022	13283	21:05:22	30.6	1012	12	2	8.8	-1.35	-1.42	1.05	0.022362	0.000219	0.000509	0.000005	0.282127	0.000065	0.000068	0.282151	0.000037	0.000039	*a*	0.282151	0.000037	0.000039	0.282141	0.000037	0.000039	-0.1	1.3	1.4	1842	85
STAM021651-115	21.11.2022	13283	21:06:47	23.9	1233	10	1	9.9	-1.34	-1.36	1.01	0.031340	0.000589	0.000917	0.000015	0.282164	0.000076	0.000080	0.282140	0.000038	0.000040	*a*	0.282140	0.000038	0.000040	0.282119	0.000038	0.000040	4.1	1.3	1.4	1753	87
STAM021651-116	21.11.2022	13283	21:08:12	29.3	1149	14	-5	9.9	-1.31	-1.37	1.05	0.045891	0.000197	0.001306	0.000009	0.282178	0.000071	0.000075	0.282198	0.000033	0.000035	*a*	0.282198	0.000033	0.000035	0.282170	0.000033	0.000035	4.0	1.2	1.2	1693	77
STAM021651-117	21.11.2022	13283	21:09:38	41.0	1506	14	0	8.6	-1.35	-1.41	1.04	0.039002	0.000796	0.000975	0.000020	0.281976	0.000062	0.000066	0.281987	0.000029	0.000031	*a*	0.281987	0.000029	0.000031	0.281960	0.000029	0.000031	4.7	1.0	1.1	1932	67
STAM021651-118	21.11.2022	13283	21:12:32	41.0	1536	5	-7	13.3	-1.34	-1.34	1.01	0.043872	0.000206	0.001013	0.000012	0.282063	0.000046	0.000049	0.282034	0.000024	0.000025	*a*	0.282034	0.000024	0.000025	0.282004	0.000024	0.000025	7.0	0.8	0.9	1817	54
STAM021651-119	21.11.2022	13283	21:13:57	32.0	1889	7	0	7.6	-1.35	-1.40	1.04	0.050956	0.000447	0.001220	0.000023	0.281654	0.000082	0.000086	0.281664	0.000041	0.000043	*a*	0.281664	0.000041	0.000043	0.281620	0.000041	0.000043	1.5	1.4	1.5	2429	91
STAM021651-120	21.11.2022	13283	21:15:22	41.0	2099	8	1	6.9	-1.35	-1.41	1.05	0.021457	0.000290	0.000532	0.000007	0.281627	0.000082	0.000086	0.281646	0.000036	0.000038	*a*	0.281646	0.000036	0.000038	0.281625	0.000036	0.000038	6.5	1.3	1.4	2293	82

Appendix 8: Lu–Hf standards

The table below shows the results from Lu–Hf analyses of plesovice (primary standard). Further down is the table with the results from Lu–Hf analyses of the secondary standards.

Standard	Analysis date	Sequence #	Analysis time	Selection duration (s)	Total Hf signal (V)	βHf	βYb	Xbeta	$^{176}Yb/^{177}Hf$	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_0$ *non-normalized	2SE	Propagated 2SE	$^{176}Hf/^{177}Hf_0^{Xbeta}$ *non-normalized	2SE	Propagated 2SE	^{176}Yb correction	$^{176}Hf/^{177}Hf_{report}$ *non-normalized	uncertainty
Plesovice	14.02.2022	12849	17:59:42	38.0	8.0	-1.32	-1.35	1.02	0.008797	0.000066	0.000143	0.000002	0.282496	0.000065	0.000068	0.282497	0.000032	0.000034	*a*	0.282497	0.000034
Plesovice (Copy 1)	14.02.2022	12849	18:17:22	38.2	9.6	-1.33	-1.40	1.05	0.008047	0.000038	0.000126	0.000001	0.282468	0.000056	0.000059	0.282471	0.000030	0.000031	*a*	0.282471	0.000031
Plesovice (Copy 2)	14.02.2022	12849	18:36:22	38.1	9.6	-1.34	-1.41	1.06	0.006804	0.000024	0.000108	0.000001	0.282473	0.000056	0.000059	0.282481	0.000029	0.000030	*a*	0.282481	0.000030
Plesovice (Copy 3)	14.02.2022	12849	18:54:04	38.0	10.5	-1.34	-1.40	1.05	0.007001	0.000026	0.000111	0.000001	0.282464	0.000051	0.000054	0.282469	0.000026	0.000027	*a*	0.282469	0.000027
Plesovice (Copy 4)	14.02.2022	12849	19:13:04	38.0	7.3	-1.36	-1.19	0.89	0.008156	0.000168	0.000137	0.000002	0.282497	0.000074	0.000078	0.282485	0.000034	0.000036	*a*	0.282485	0.000036
Plesovice (Copy 5)	14.02.2022	12849	19:29:24	38.1	6.0	-1.36	-0.99	0.88	0.011657	0.000861	0.000218	0.000018	0.282180	0.000409	0.000430	0.282423	0.000123	0.000129	*a*	0.282423	0.000129
Plesovice (Copy 6)	14.02.2022	12849	19:48:24	38.0	9.0	-1.34	-1.39	1.06	0.009527	0.000176	0.000159	0.000004	0.282466	0.000067	0.000070	0.282474	0.000034	0.000035	*a*	0.282474	0.000035
Plesovice (Copy 7)	14.02.2022	12849	20:06:05	38.0	9.6	-1.33	-1.34	1.02	0.008903	0.000212	0.000144	0.000004	0.282472	0.000058	0.000061	0.282469	0.000029	0.000030	*a*	0.282469	0.000030
Plesovice (Copy 8)	14.02.2022	12849	20:25:05	38.0	9.7	-1.33	-1.47	1.09	0.008112	0.000162	0.000131	0.000003	0.282466	0.000052	0.000054	0.282488	0.000028	0.000029	*a*	0.282488	0.000029
Plesovice (Copy 9)	14.02.2022	12849	20:42:47	38.0	9.6	-1.33	-1.41	1.07	0.008318	0.000061	0.000133	0.000001	0.282479	0.000053	0.000056	0.282479	0.000029	0.000030	*a*	0.282479	0.000030
Plesovice (Copy 10)	14.02.2022	12849	21:01:47	38.0	10.0	-1.34	-1.29	0.97	0.007656	0.000044	0.000121	0.000001	0.282503	0.000052	0.000054	0.282498	0.000026	0.000027	*a*	0.282498	0.000027
Plesovice (Copy 11)	14.02.2022	12849	21:19:28	38.0	9.9	-1.33	-1.42	1.06	0.008096	0.000062	0.000129	0.000001	0.282468	0.000049	0.000052	0.282485	0.000026	0.000027	*a*	0.282485	0.000027
Plesovice (Copy 12)	14.02.2022	12849	21:38:29	38.0	9.8	-1.34	-1.37	1.02	0.006483	0.000114	0.000104	0.000002	0.282443	0.000055	0.000058	0.282464	0.000030	0.000031	*a*	0.282464	0.000031
Plesovice (Copy 13)	14.02.2022	12849	21:54:54	38.0	9.5	-1.35	-1.49	1.10	0.006629	0.000021	0.000109	0.000001	0.282494	0.000060	0.000063	0.282503	0.000030	0.000032	*a*	0.282503	0.000032
Plesovice (Copy 14)	14.02.2022	12849	22:12:33	38.0	10.3	-1.34	-1.40	1.02	0.006727	0.000019	0.000107	0.000001	0.282479	0.000055	0.000057	0.282481	0.000026	0.000027	*a*	0.282481	0.000027
Plesovice (Copy 15)	14.02.2022	12849	22:28:58	38.1	10.1	-1.34	-1.33	1.00	0.008750	0.000051	0.000142	0.000001	0.282492	0.000053	0.000056	0.282483	0.000028	0.000029	*a*	0.282483	0.000029
Plesovice (Copy 16)	14.02.2022	12849	22:37:08	38.0	10.1	-1.34	-1.48	1.11	0.005931	0.000069	0.000094	0.000001	0.282458	0.000054	0.000057	0.282481	0.000027	0.000029	*a*	0.282481	0.000029
Plesovice	21.02.2022	12859	11:27:12	38.1	8.6	-1.56	-1.56	1.00	0.003428	0.000043	0.000053	0.000001	0.282476	0.000063	0.000066	0.282503	0.000032	0.000034	*a*	0.282503	0.000034
Plesovice (Copy 8)	21.02.2022	12859	11:35:31	38.0	8.2	-1.58	-1.39	0.91	0.003190	0.000043	0.000049	0.000001	0.282535	0.000063	0.000066	0.282563	0.000030	0.000031	*a*	0.282563	0.000031
Plesovice (Copy 1)	21.02.2022	12859	11:49:13	38.1	8.2	-1.57	-1.49	0.95	0.003312	0.000060	0.000050	0.000001	0.282488	0.000062	0.000066	0.282530	0.000033	0.000034	*a*	0.282530	0.000034
Plesovice (Copy 2)	21.02.2022	12859	12:08:19	38.0	8.4	-1.57	-1.57	1.04	0.003159	0.000044	0.000048	0.000001	0.282513	0.000064	0.000067	0.282557	0.000033	0.000034	*a*	0.282557	0.000034
Plesovice (Copy 3)	21.02.2022	12859	12:26:16	38.1	8.5	-1.58	-1.61	1.01	0.003459	0.000043	0.000053	0.000001	0.282513	0.000060	0.000063	0.282561	0.000032	0.000033	*a*	0.282561	0.000033

Plesovice (Copy 4)	21.02.2022	12859	12:42:41	38.0	8.6	-1.56	-1.65	1.06	0.004667	0.000080	0.000072	0.000001	0.282492	0.000058	0.000061	0.282519	0.000030	0.000032	*a*	0.282519	0.000032
Plesovice (Copy 5)	21.02.2022	12859	12:59:17	38.0	8.6	-1.56	-1.69	1.12	0.003452	0.000038	0.000053	0.000001	0.282502	0.000061	0.000064	0.282535	0.000030	0.000031	*a*	0.282535	0.000031
Plesovice (Copy 6)	21.02.2022	12859	13:18:23	38.1	8.6	-1.55	-1.64	1.03	0.005286	0.000032	0.000082	0.000001	0.282511	0.000065	0.000069	0.282533	0.000032	0.000034	*a*	0.282533	0.000034
Plesovice (Copy 7)	21.02.2022	12859	13:34:58	38.2	8.8	-1.55	-1.60	1.07	0.003499	0.000041	0.000054	0.000001	0.282482	0.000061	0.000064	0.282523	0.000030	0.000031	*a*	0.282523	0.000031
Plesovice (Copy 9)	21.02.2022	12859	13:54:04	38.0	8.8	-1.55	-1.58	1.02	0.004534	0.000075	0.000070	0.000001	0.282489	0.000060	0.000063	0.282516	0.000029	0.000031	*a*	0.282516	0.000031
Plesovice (Copy 10)	21.02.2022	12859	14:12:01	38.0	8.9	-1.55	-1.55	1.01	0.003189	0.000037	0.000049	0.000001	0.282496	0.000061	0.000065	0.282528	0.000032	0.000033	*a*	0.282528	0.000033
Plesovice (Copy 11)	21.02.2022	12859	14:29:45	38.0	9.0	-1.54	-1.55	0.99	0.003265	0.000045	0.000051	0.000001	0.282491	0.000062	0.000065	0.282527	0.000029	0.000031	*a*	0.282527	0.000031
Plesovice (Copy 12)	21.02.2022	12859	14:46:21	38.0	8.9	-1.53	-1.60	1.01	0.003193	0.000044	0.000049	0.000001	0.282476	0.000061	0.000064	0.282521	0.000033	0.000035	*a*	0.282521	0.000035
Plesovice (Copy 13)	21.02.2022	12859	15:04:05	38.0	9.1	-1.53	-1.73	1.14	0.003309	0.000063	0.000051	0.000001	0.282478	0.000057	0.000060	0.282518	0.000029	0.000031	*a*	0.282518	0.000031
Plesovice	20.03.2022	12876	18:07:56	39.6	9.7	-1.38	-1.48	1.07	0.007028	0.000064	0.000116	0.000001	0.282438	0.000056	0.000059	0.282455	0.000028	0.000029	*a*	0.282455	0.000029
Plesovice (Copy 1)	20.03.2022	12876	18:29:38	39.7	9.6	-1.37	-1.43	1.05	0.006678	0.000051	0.000111	0.000001	0.282456	0.000054	0.000057	0.282467	0.000026	0.000027	*a*	0.282467	0.000027
Plesovice (Copy 2)	20.03.2022	12876	18:47:15	39.5	10.1	-1.37	-1.27	0.89	0.006792	0.000035	0.000113	0.000001	0.282472	0.000051	0.000054	0.282452	0.000025	0.000026	*a*	0.282452	0.000026
Plesovice (Copy 3)	20.03.2022	12876	19:06:14	39.6	10.3	-1.36	-1.31	0.97	0.006858	0.000034	0.000114	0.000001	0.282487	0.000051	0.000053	0.282485	0.000028	0.000029	*a*	0.282485	0.000029
Plesovice (Copy 4)	20.03.2022	12876	19:23:51	39.5	10.5	-1.37	-1.29	0.94	0.007066	0.000047	0.000116	0.000001	0.282498	0.000050	0.000053	0.282479	0.000027	0.000029	*a*	0.282479	0.000029
Plesovice (Copy 5)	20.03.2022	12876	19:42:51	39.5	10.6	-1.36	-1.34	0.99	0.007394	0.000043	0.000122	0.000001	0.282456	0.000052	0.000054	0.282459	0.000026	0.000027	*a*	0.282459	0.000027
Plesovice (Copy 6)	20.03.2022	12876	20:00:28	39.6	10.7	-1.36	-1.46	1.07	0.007269	0.000051	0.000119	0.000001	0.282450	0.000050	0.000053	0.282460	0.000025	0.000026	*a*	0.282460	0.000026
Plesovice (Copy 7)	20.03.2022	12876	20:19:27	39.6	10.8	-1.37	-1.39	1.02	0.007300	0.000049	0.000119	0.000001	0.282478	0.000047	0.000050	0.282476	0.000026	0.000027	*a*	0.282476	0.000027
Plesovice (Copy 8)	20.03.2022	12876	20:37:05	39.9	10.2	-1.37	-1.45	1.06	0.006712	0.000034	0.000112	0.000001	0.282448	0.000059	0.000062	0.282463	0.000027	0.000029	*a*	0.282463	0.000029
Plesovice (Copy 9)	20.03.2022	12876	20:56:05	39.9	10.7	-1.37	-1.37	1.01	0.006736	0.000030	0.000112	0.000001	0.282476	0.000049	0.000051	0.282476	0.000026	0.000027	*a*	0.282476	0.000027
Plesovice (Copy 10)	20.03.2022	12876	21:13:43	39.7	10.9	-1.33	-1.42	1.08	0.006908	0.000038	0.000115	0.000001	0.282438	0.000049	0.000052	0.282457	0.000025	0.000026	*a*	0.282457	0.000026
Plesovice (Copy 11)	20.03.2022	12876	21:32:44	39.5	11.1	-1.37	-1.41	1.03	0.007369	0.000056	0.000120	0.000001	0.282468	0.000049	0.000052	0.282476	0.000024	0.000026	*a*	0.282476	0.000026
Plesovice (Copy 12)	20.03.2022	12876	21:50:21	39.6	11.0	-1.36	-1.40	1.03	0.007141	0.000044	0.000118	0.000001	0.282456	0.000051	0.000053	0.282467	0.000025	0.000026	*a*	0.282467	0.000026
Plesovice (Copy 13)	20.03.2022	12876	22:09:23	39.6	11.0	-1.37	-1.38	1.02	0.007045	0.000045	0.000117	0.000001	0.282440	0.000045	0.000048	0.282443	0.000024	0.000025	*a*	0.282443	0.000025
Plesovice (Copy 14)	20.03.2022	12876	22:27:02	39.7	10.9	-1.37	-1.45	1.05	0.007054	0.000044	0.000118	0.000001	0.282463	0.000048	0.000051	0.282473	0.000026	0.000027	*a*	0.282473	0.000027
Plesovice (Copy 15)	20.03.2022	12876	22:46:04	39.8	10.8	-1.37	-1.47	1.05	0.006766	0.000036	0.000114	0.000001	0.282461	0.000048	0.000050	0.282470	0.000025	0.000026	*a*	0.282470	0.000026
Plesovice (Copy 16)	20.03.2022	12876	23:03:43	40.0	10.7	-1.37	-1.42	1.06	0.006701	0.000031	0.000112	0.000001	0.282449	0.000054	0.000057	0.282456	0.000028	0.000029	*a*	0.282456	0.000029
Plesovice (Copy 17)	20.03.2022	12876	23:21:39	37.0	10.7	-1.38	-1.46	1.07	0.006737	0.000032	0.000111	0.000001	0.282446	0.000048	0.000051	0.282452	0.000026	0.000027	*a*	0.282452	0.000027
Plesovice (Copy 18)	20.03.2022	12876	23:37:36	27.3	10.4	-1.38	-1.45	1.05	0.006630	0.000047	0.000110	0.000001	0.282443	0.000064	0.000067	0.282445	0.000035	0.000036	*a*	0.282445	0.000036
Plesovice (Copy 19)	20.03.2022	12876	23:54:04	27.2	10.9	-1.38	-1.52	1.10	0.006615	0.000041	0.000110	0.000001	0.282430	0.000060	0.000063	0.282459	0.000032	0.000034	*a*	0.282459	0.000034
Plesovice (Copy 20)	21.03.2022	12876	00:08:44	39.9	11.1	-1.37	-1.43	1.04	0.006674	0.000034	0.000112	0.000001	0.282444	0.000050	0.000053	0.282456	0.000025	0.000026	*a*	0.282456	0.000026
Plesovice (Copy 21)	21.03.2022	12876	00:24:08	26.9	11.1	-1.37	-1.44	1.06	0.007015	0.000063	0.000115	0.000001	0.282461	0.000066	0.000069	0.282478	0.000034	0.000036	*a*	0.282478	0.000036

Plesovice (Copy 24)	21.03.2022	12876	00:37:44	26.8	10.6	-1.38	-1.49	1.08	0.006952	0.000039	0.000119	0.000001	0.282435	0.000065	0.000068	0.282446	0.000035	0.000037	*a*	0.282446	0.000037
Plesovice (Copy 23)	21.03.2022	12876	00:51:42	32.5	11.4	-1.38	-1.37	0.99	0.006956	0.000045	0.000116	0.000001	0.282495	0.000052	0.000054	0.282490	0.000027	0.000028	*a*	0.282490	0.000028
Plesovice (Copy 22)	21.03.2022	12876	01:04:37	26.8	11.2	-1.38	-1.42	1.02	0.007140	0.000052	0.000118	0.000001	0.282450	0.000060	0.000062	0.282465	0.000031	0.000033	*a*	0.282465	0.000033
Plesovice (Copy 25)	21.03.2022	12876	01:17:55	27.5	11.5	-1.38	-1.46	1.06	0.007429	0.000045	0.000123	0.000001	0.282447	0.000056	0.000059	0.282449	0.000031	0.000032	*a*	0.282449	0.000032
Plesovice (Copy 26)	21.03.2022	12876	01:30:06	23.0	11.8	-1.38	-1.36	0.96	0.007224	0.000036	0.000121	0.000001	0.282450	0.000061	0.000064	0.282452	0.000032	0.000033	*a*	0.282452	0.000033
Plesovice (Copy 27)	21.03.2022	12876	01:42:36	26.8	11.8	-1.37	-1.29	0.94	0.007219	0.000062	0.000118	0.000001	0.282459	0.000060	0.000063	0.282455	0.000031	0.000033	*a*	0.282455	0.000033
Plesovice (Copy 28)	21.03.2022	12876	01:54:18	26.8	10.8	-1.39	-1.36	1.00	0.006884	0.000059	0.000116	0.000001	0.282485	0.000057	0.000059	0.282479	0.000033	0.000035	*a*	0.282479	0.000035
Plesovice (Copy 29)	21.03.2022	12876	02:06:36	19.1	11.8	-1.38	-1.37	0.99	0.006644	0.000043	0.000111	0.000001	0.282480	0.000058	0.000061	0.282475	0.000030	0.000032	*a*	0.282475	0.000032
Plesovice (Copy 30)	21.03.2022	12876	02:17:43	15.7	11.1	-1.38	-1.34	0.98	0.006591	0.000048	0.000113	0.000001	0.282433	0.000088	0.000092	0.282440	0.000047	0.000050	*a*	0.282440	0.000050
Plesovice (Copy 31)	21.03.2022	12876	02:29:06	25.7	11.2	-1.38	-1.56	1.13	0.006585	0.000045	0.000111	0.000001	0.282432	0.000063	0.000066	0.282446	0.000032	0.000033	*a*	0.282446	0.000033
Plesovice (Copy 32)	21.03.2022	12876	02:39:45	26.6	10.5	-1.40	-1.41	1.00	0.006468	0.000040	0.000109	0.000001	0.282463	0.000064	0.000067	0.282473	0.000033	0.000034	*a*	0.282473	0.000034
Plesovice (Copy 33)	21.03.2022	12876	02:50:53	24.2	10.9	-1.39	-1.46	1.06	0.006524	0.000049	0.000110	0.000001	0.282491	0.000066	0.000070	0.282481	0.000039	0.000041	*a*	0.282481	0.000041
Plesovice (Copy 34)	21.03.2022	12876	03:01:03	23.9	10.5	-1.40	-1.37	0.99	0.006551	0.000065	0.000109	0.000001	0.282451	0.000067	0.000071	0.282456	0.000032	0.000033	*a*	0.282456	0.000033
Plesovice (Copy 35)	21.03.2022	12876	03:11:44	15.5	11.1	-1.39	-1.35	0.95	0.006494	0.000052	0.000114	0.000001	0.282390	0.000094	0.000099	0.282416	0.000050	0.000052	*a*	0.282416	0.000052
Plesovice (Copy 36)	21.03.2022	12876	03:21:33	14.5	11.2	-1.39	-1.29	0.89	0.006339	0.000061	0.000110	0.000001	0.282448	0.000157	0.000165	0.282457	0.000088	0.000092	*a*	0.282457	0.000092
Plesovice (Copy 37)	21.03.2022	12876	03:31:55	22.6	11.0	-1.39	-1.41	0.99	0.006511	0.000047	0.000111	0.000001	0.282493	0.000086	0.000090	0.282465	0.000042	0.000044	*a*	0.282465	0.000044
Plesovice (Copy 38)	21.03.2022	12876	03:41:26	19.0	11.1	-1.40	-1.23	0.88	0.006458	0.000044	0.000109	0.000001	0.282473	0.000064	0.000067	0.282470	0.000035	0.000036	*a*	0.282470	0.000036
Plesovice (Copy 39)	21.03.2022	12876	03:51:31	15.3	11.5	-1.40	-1.27	0.90	0.006822	0.000094	0.000114	0.000001	0.282506	0.000071	0.000074	0.282495	0.000039	0.000041	*a*	0.282495	0.000041
Plesovice (Copy 40)	21.03.2022	12876	04:00:41	15.8	11.2	-1.40	-1.45	1.03	0.006862	0.000081	0.000114	0.000001	0.282468	0.000079	0.000083	0.282482	0.000037	0.000039	*a*	0.282482	0.000039
Plesovice (Copy 41)	21.03.2022	12876	04:10:28	20.2	11.3	-1.40	-1.51	1.09	0.006390	0.000045	0.000111	0.000001	0.282433	0.000082	0.000087	0.282460	0.000042	0.000044	*a*	0.282460	0.000044
Plesovice (Copy 42)	21.03.2022	12876	04:19:20	17.9	11.5	-1.40	-1.46	1.03	0.006689	0.000067	0.000112	0.000001	0.282497	0.000070	0.000074	0.282504	0.000034	0.000036	*a*	0.282504	0.000036
Plesovice (Copy 43)	21.03.2022	12876	04:28:45	18.5	11.8	-1.40	-1.26	0.91	0.007036	0.000095	0.000116	0.000001	0.282472	0.000070	0.000074	0.282463	0.000036	0.000038	*a*	0.282463	0.000038
Plesovice (Copy 44)	21.03.2022	12876	04:37:27	18.9	11.2	-1.39	-1.48	0.99	0.006552	0.000036	0.000112	0.000001	0.282441	0.000086	0.000091	0.282437	0.000041	0.000044	*a*	0.282437	0.000044
Plesovice (Copy 45)	21.03.2022	12876	04:46:34	21.3	12.0	-1.40	-1.31	0.95	0.007000	0.000071	0.000116	0.000001	0.282466	0.000058	0.000061	0.282460	0.000033	0.000034	*a*	0.282460	0.000034
Plesovice (Copy 46)	21.03.2022	12876	04:55:06	19.8	11.4	-1.40	-1.26	0.90	0.007239	0.000106	0.000115	0.000001	0.282479	0.000070	0.000074	0.282470	0.000037	0.000039	*a*	0.282470	0.000039
Plesovice (Copy 47)	21.03.2022	12876	05:03:52	17.2	11.5	-1.41	-1.24	0.89	0.006944	0.000046	0.000119	0.000001	0.282459	0.000076	0.000079	0.282465	0.000037	0.000039	*a*	0.282465	0.000039
Plesovice (Copy 48)	21.03.2022	12876	05:12:02	15.0	11.2	-1.40	-1.40	0.98	0.007113	0.000051	0.000121	0.000001	0.282455	0.000090	0.000095	0.282461	0.000046	0.000048	*a*	0.282461	0.000048
Plesovice (Copy 51)	21.03.2022	12876	05:22:04	15.6	11.3	-1.40	-1.34	0.95	0.006966	0.000053	0.000120	0.000001	0.282439	0.000086	0.000090	0.282453	0.000045	0.000047	*a*	0.282453	0.000047
Plesovice (Copy 51) (Copy 1)	21.03.2022	12876	05:25:44	13.1	10.8	-1.40	-1.32	0.95	0.007075	0.000131	0.000114	0.000001	0.282482	0.000079	0.000083	0.282485	0.000040	0.000042	*a*	0.282485	0.000042
Plesovice_1	23.09.2022	13154	12:18:11	41.0	13.1	1.47	-1.28	13.10	0.000113	0.000001	0.282463	0.000022	-1.268216	0.283332	0.297499	0.282460	0.000022	0.000023	*a*	0.282460	0.000023
Plesovice_2	23.09.2022	13154	12:19:36	41.1	13.3	1.47	-1.28	13.39	0.000047	0.000000	0.282479	0.000021	-1.359629	0.641597	0.673677	0.282476	0.000021	0.000022	*a*	0.282476	0.000022
Plesovice_7	23.09.2022	13154	12:32:26	41.0	12.2	1.47	-1.27	12.12	0.000146	0.000001	0.282473	0.000022	-1.417621	0.203966	0.214164	0.282469	0.000022	0.000023	*a*	0.282469	0.000023

Plesovice	23.09.2022	13154	12:41:19	41.0	13.2	1.47	-1.27	13.23	0.000112	0.000001	0.282497	0.000022	-1.084146	0.281052	0.295104	0.282493	0.000022	0.000023	*a*	0.282493	0.000023
Plesovice_1 (Copy 5)	23.09.2022	13154	12:50:13	41.0	12.9	1.47	-1.26	12.89	0.000113	0.000002	0.282488	0.000021	-1.131832	0.265002	0.278252	0.282484	0.000021	0.000023	*a*	0.282484	0.000023
Plesovice_1 (Copy 3)	23.09.2022	13154	12:59:06	41.0	12.6	1.47	-1.25	12.60	0.000080	0.000000	0.282478	0.000023	-1.478707	0.380267	0.399281	0.282474	0.000023	0.000024	*a*	0.282474	0.000024
Plesovice_1 (Copy 2)	23.09.2022	13154	13:08:00	41.1	13.1	1.47	-1.25	13.13	0.000076	0.000001	0.282484	0.000021	-1.411573	0.361585	0.379664	0.282480	0.000021	0.000022	*a*	0.282480	0.000022
Plesovice_1 (Copy 4)	23.09.2022	13154	13:16:54	41.0	13.1	1.47	-1.25	13.11	0.000079	0.000000	0.282491	0.000021	-1.426319	0.387455	0.406828	0.282486	0.000021	0.000022	*a*	0.282486	0.000022
Plesovice_4	23.09.2022	13154	13:29:43	41.0	12.5	1.47	-1.24	12.54	0.000080	0.000001	0.282485	0.000023	-1.093203	0.402517	0.422643	0.282480	0.000023	0.000024	*a*	0.282480	0.000024
Plesovice_1 (Copy 6)	23.09.2022	13154	13:38:36	41.3	13.0	1.47	-1.25	13.02	0.000096	0.000001	0.282473	0.000024	-1.277069	0.326233	0.342544	0.282468	0.000024	0.000025	*a*	0.282468	0.000025
Plesovice_1 (Copy 7)	23.09.2022	13154	13:47:29	41.1	13.4	1.47	-1.25	13.37	0.000093	0.000001	0.282493	0.000021	-1.176734	0.314608	0.330338	0.282487	0.000021	0.000022	*a*	0.282487	0.000022
Plesovice_1 (Copy 2)	23.09.2022	13154	13:56:22	41.0	12.9	1.47	-1.24	12.91	0.000142	0.000003	0.282490	0.000022	-1.139015	0.236057	0.247860	0.282484	0.000022	0.000023	*a*	0.282484	0.000023
Plesovice_1 (Copy 1)	23.09.2022	13154	14:05:15	41.0	13.2	1.47	-1.24	13.22	0.000112	0.000001	0.282487	0.000021	-1.047875	0.277097	0.290952	0.282481	0.000021	0.000022	*a*	0.282481	0.000022
Plesovice_1 (Copy 9)	23.09.2022	13154	14:14:09	41.0	13.2	1.47	-1.24	13.25	0.000097	0.000000	0.282497	0.000022	-1.410072	0.331105	0.347660	0.282490	0.000022	0.000023	*a*	0.282490	0.000023
Plesovice_1 (Copy 8)	23.09.2022	13154	14:22:57	41.0	13.4	1.47	-1.24	13.47	0.000076	0.000002	0.282482	0.000019	-1.413815	0.366131	0.384437	0.282475	0.000019	0.000020	*a*	0.282475	0.000020
Plesovice_3	23.09.2022	13154	14:31:45	41.0	13.4	1.47	-1.25	13.38	0.000111	0.000001	0.282472	0.000022	-1.012648	0.282838	0.296980	0.282465	0.000022	0.000023	*a*	0.282465	0.000023
Plesovice_6	23.09.2022	13154	14:44:34	41.0	13.2	1.47	-1.24	13.22	0.000101	0.000001	0.282477	0.000022	-1.083010	0.288994	0.303444	0.282470	0.000022	0.000023	*a*	0.282470	0.000023
Plesovice_1 (Copy 10)	23.09.2022	13154	14:45:59	41.0	13.4	1.47	-1.24	13.42	0.000097	0.000001	0.282481	0.000020	-1.114997	0.320761	0.336799	0.282474	0.000020	0.000021	*a*	0.282474	0.000021
Plesovice_6 (Copy 1)	23.09.2022	13154	14:54:48	41.0	13.1	1.47	-1.23	13.11	0.000061	0.000000	0.282478	0.000021	-1.358349	0.480083	0.504087	0.282470	0.000021	0.000022	*a*	0.282470	0.000022
Plesovice_6 (Copy 2)	23.09.2022	13154	15:03:36	41.1	13.2	1.47	-1.23	13.24	0.000064	0.000000	0.282484	0.000022	-1.363131	0.472716	0.496352	0.282476	0.000022	0.000023	*a*	0.282476	0.000023
Plesovice_6 (Copy 4)	23.09.2022	13154	15:12:24	41.0	13.5	1.47	-1.24	13.47	0.000108	0.000001	0.282480	0.000020	-1.065150	0.276245	0.290057	0.282471	0.000020	0.000021	*a*	0.282471	0.000021
Plesovice_6 (Copy 3)	23.09.2022	13154	15:21:13	41.1	12.9	1.47	-1.22	12.90	0.000062	0.000000	0.282468	0.000021	-1.588674	0.496464	0.521288	0.282459	0.000021	0.000022	*a*	0.282459	0.000022
Plesovice_6 (Copy 3) (Copy 3)	23.09.2022	13154	15:30:07	41.0	13.7	1.47	-1.24	13.78	0.000086	0.000001	0.282490	0.000021	-1.066207	0.331060	0.347613	0.282481	0.000021	0.000022	*a*	0.282481	0.000022
Plesovice_6 (Copy 3) (Copy 4)	23.09.2022	13154	15:39:01	41.0	13.1	1.47	-1.24	13.11	0.000107	0.000001	0.282466	0.000021	-1.434479	0.302508	0.317633	0.282457	0.000021	0.000022	*a*	0.282457	0.000022
Plesovice_6 (Copy 3) (Copy 2)	23.09.2022	13154	15:47:54	41.1	13.0	1.47	-1.23	12.97	0.000103	0.000001	0.282478	0.000021	-1.337719	0.270839	0.284381	0.282468	0.000021	0.000022	*a*	0.282468	0.000022
Plesovice_6 (Copy 3) (Copy 1)	23.09.2022	13154	15:56:48	41.2	12.7	1.47	-1.23	12.74	0.000111	0.000001	0.282483	0.000022	-1.328176	0.268571	0.282000	0.282473	0.000022	0.000023	*a*	0.282473	0.000023
Plesovice_1	23.09.2022	13154	15:58:13	41.0	12.3	1.47	-1.22	12.18	0.000241	0.000003	0.282486	0.000023	-1.247607	0.148118	0.155524	0.282476	0.000023	0.000024	*a*	0.282476	0.000024
Plesovice_3	23.09.2022	13154	16:11:02	41.1	13.2	1.47	-1.22	13.05	0.000229	0.000000	0.282492	0.000022	-1.341849	0.135019	0.141770	0.282482	0.000022	0.000023	*a*	0.282482	0.000023
Plesovice_1	22.09.2022	13152	12:27:18	41.0	16.0	-1.35	-1.38	1.01	0.005094	0.000033	0.000088	0.000000	0.282500	0.000033	0.000034	0.282508	0.000018	0.000019	*a*	0.282508	0.000019
Plesovice_2	22.09.2022	13152	12:28:44	41.0	15.7	-1.33	-1.31	0.96	0.005518	0.000056	0.000097	0.000001	0.282462	0.000036	0.000037	0.282466	0.000019	0.000020	*a*	0.282466	0.000020
Plesovice_7	22.09.2022	13152	12:41:33	41.1	14.4	-1.33	-1.25	0.96	0.007698	0.000050	0.000131	0.000000	0.282494	0.000036	0.000038	0.282488	0.000019	0.000020	*a*	0.282488	0.000020
Plesovice_1 (Copy 1)	22.09.2022	13152	12:50:27	41.1	14.9	-1.33	-1.43	1.08	0.006380	0.000035	0.000112	0.000001	0.282453	0.000036	0.000037	0.282468	0.000020	0.000021	*a*	0.282468	0.000021
Plesovice_1 (Copy 5)	22.09.2022	13152	12:59:21	41.0	14.0	-1.32	-1.29	0.98	0.012357	0.000038	0.000228	0.000001	0.282482	0.000040	0.000042	0.282469	0.000021	0.000022	*a*	0.282469	0.000022
Plesovice_1 (Copy 3)	22.09.2022	13152	13:08:15	41.0	14.5	-1.32	-1.33	1.01	0.005894	0.000047	0.000100	0.000000	0.282478	0.000039	0.000041	0.282483	0.000023	0.000024	*a*	0.282483	0.000024
Plesovice_1 (Copy 2)	22.09.2022	13152	13:17:09	41.0	14.2	-1.33	-1.37	1.03	0.007456	0.000042	0.000128	0.000001	0.282482	0.000038	0.000040	0.282481	0.000020	0.000021	*a*	0.282481	0.000021

Plesovice_1 (Copy 4)	22.09.2022	13152	13:26:00	41.0	13.9	-1.32	-1.18	0.89	0.009445	0.000039	0.000170	0.000001	0.282510	0.000037	0.000039	0.282486	0.000021	0.000022	*a*	0.282486	0.000022
Plesovice_4	22.09.2022	13152	13:38:48	41.0	14.3	-1.32	-1.40	1.05	0.009288	0.000043	0.000165	0.000001	0.282486	0.000038	0.000039	0.282485	0.000019	0.000020	*a*	0.282485	0.000020
Plesovice_1 (Copy 6)	22.09.2022	13152	13:47:40	41.0	14.1	-1.32	-1.31	1.01	0.005436	0.000048	0.000095	0.000001	0.282475	0.000039	0.000041	0.282475	0.000021	0.000022	*a*	0.282475	0.000022
Plesovice_1 (Copy 7)	22.09.2022	13152	13:56:30	41.0	14.7	-1.32	-1.52	1.15	0.003088	0.000033	0.000054	0.000000	0.282475	0.000037	0.000039	0.282490	0.000020	0.000021	*a*	0.282490	0.000021
Plesovice_1 (Copy 2)	22.09.2022	13152	14:06:45	41.2	13.9	-1.32	-1.41	1.06	0.012112	0.000035	0.000223	0.000001	0.282490	0.000040	0.000042	0.282489	0.000020	0.000021	*a*	0.282489	0.000021
Plesovice_1 (Copy 1)	22.09.2022	13152	14:15:37	41.0	15.0	-1.32	-1.48	1.12	0.006378	0.000040	0.000112	0.000001	0.282473	0.000036	0.000037	0.282478	0.000019	0.000020	*a*	0.282478	0.000020
Plesovice_1 (Copy 9)	22.09.2022	13152	14:24:26	41.0	14.9	-1.31	-1.45	1.08	0.006906	0.000048	0.000119	0.000001	0.282483	0.000037	0.000039	0.282482	0.000019	0.000020	*a*	0.282482	0.000020
Plesovice_1 (Copy 8)	22.09.2022	13152	14:33:14	41.1	11.8	-1.32	-1.33	0.94	0.004857	0.000127	0.000095	0.000003	0.282494	0.000060	0.000063	0.282481	0.000029	0.000030	*a*	0.282481	0.000030
Plesovice_3	22.09.2022	13152	14:42:02	41.0	15.9	-1.32	-1.26	0.96	0.005176	0.000034	0.000090	0.000000	0.282502	0.000035	0.000037	0.282489	0.000018	0.000018	*a*	0.282489	0.000018
Plesovice_6	22.09.2022	13152	14:54:51	41.0	15.5	-1.32	-1.60	1.21	0.002883	0.000025	0.000051	0.000000	0.282471	0.000034	0.000036	0.282482	0.000019	0.000020	*a*	0.282482	0.000020
Plesovice_1 (Copy 10)	22.09.2022	13152	15:03:39	41.0	15.7	-1.30	-1.54	1.18	0.004901	0.000023	0.000087	0.000000	0.282475	0.000034	0.000036	0.282476	0.000019	0.000019	*a*	0.282476	0.000019
Plesovice_1	26.09.2022	13156	14:14:30	41.0	11.5	-1.19	-1.38	1.16	0.004794	0.000030	0.000094	0.000000	0.282441	0.000048	0.000050	0.282455	0.000025	0.000026	*a*	0.282455	0.000026
Plesovice_2	26.09.2022	13156	14:15:56	41.0	11.3	-1.19	-1.44	1.21	0.004851	0.000037	0.000094	0.000000	0.282462	0.000049	0.000052	0.282483	0.000026	0.000027	*a*	0.282483	0.000027
Plesovice_3	26.09.2022	13156	14:27:20	41.0	11.5	-1.19	-1.11	0.96	0.004852	0.000033	0.000096	0.000000	0.282496	0.000043	0.000045	0.282485	0.000024	0.000025	*a*	0.282485	0.000025
Plesovice_1 (Copy 11)	26.09.2022	13156	14:36:14	41.2	11.6	-1.17	-1.00	0.88	0.004604	0.000032	0.000091	0.000000	0.282508	0.000043	0.000045	0.282493	0.000022	0.000024	*a*	0.282493	0.000024
Plesovice_1 (Copy 8)	26.09.2022	13156	14:45:07	41.0	11.4	-1.16	-1.20	1.00	0.004799	0.000033	0.000094	0.000000	0.282480	0.000046	0.000049	0.282484	0.000024	0.000025	*a*	0.282484	0.000025
Plesovice_1 (Copy 7)	26.09.2022	13156	14:54:01	41.0	11.2	-1.16	-0.86	0.74	0.005068	0.000032	0.000099	0.000001	0.282500	0.000043	0.000045	0.282476	0.000023	0.000025	*a*	0.282476	0.000025
Plesovice_1 (Copy 10)	26.09.2022	13156	15:02:55	41.0	11.4	-1.15	-0.95	0.80	0.004352	0.000026	0.000087	0.000000	0.282512	0.000046	0.000049	0.282498	0.000026	0.000027	*a*	0.282498	0.000027
Plesovice_1 (Copy 9)	26.09.2022	13156	15:11:47	41.2	11.1	-1.12	-1.18	1.05	0.005344	0.000041	0.000105	0.000001	0.282478	0.000047	0.000049	0.282482	0.000022	0.000023	*a*	0.282482	0.000023
Plesovice_1 (Copy 6)	26.09.2022	13156	15:20:39	41.2	11.2	-1.14	-1.36	1.23	0.004895	0.000028	0.000097	0.000000	0.282470	0.000046	0.000048	0.282493	0.000022	0.000023	*a*	0.282493	0.000023
Plesovice_1 (Copy 5)	26.09.2022	13156	15:29:31	41.1	11.3	-1.13	-1.18	1.10	0.004664	0.000028	0.000093	0.000000	0.282471	0.000046	0.000048	0.282475	0.000024	0.000025	*a*	0.282475	0.000025
Plesovice_4	26.09.2022	13156	15:40:55	41.0	11.7	-1.14	-1.24	1.09	0.004566	0.000027	0.000090	0.000000	0.282491	0.000046	0.000049	0.282496	0.000024	0.000025	*a*	0.282496	0.000025
Plesovice_1 (Copy 4)	26.09.2022	13156	15:49:47	41.0	11.4	-1.13	-1.15	1.08	0.004692	0.000026	0.000093	0.000000	0.282470	0.000045	0.000047	0.282473	0.000024	0.000025	*a*	0.282473	0.000025
Plesovice_1 (Copy 3)	26.09.2022	13156	15:58:40	41.0	11.3	-1.12	-1.09	0.97	0.004753	0.000027	0.000095	0.000000	0.282479	0.000048	0.000050	0.282486	0.000024	0.000025	*a*	0.282486	0.000025
Plesovice_1 (Copy 16)	26.09.2022	13156	16:07:32	41.1	11.6	-1.12	-1.10	0.98	0.004542	0.000027	0.000089	0.000000	0.282485	0.000047	0.000049	0.282482	0.000025	0.000026	*a*	0.282482	0.000026
Plesovice_1 (Copy 15)	26.09.2022	13156	16:15:00	41.0	11.4	-1.11	-1.15	1.01	0.006237	0.000040	0.000120	0.000001	0.282484	0.000044	0.000046	0.282477	0.000024	0.000025	*a*	0.282477	0.000025
Plesovice_1 (Copy 14)	26.09.2022	13156	16:22:27	41.0	11.4	-1.11	-1.18	1.06	0.004528	0.000024	0.000091	0.000000	0.282473	0.000046	0.000048	0.282483	0.000023	0.000025	*a*	0.282483	0.000025
Plesovice_1 (Copy 13)	26.09.2022	13156	16:29:54	41.0	11.2	-1.11	-1.22	1.09	0.004571	0.000022	0.000093	0.000001	0.282475	0.000046	0.000049	0.282483	0.000025	0.000026	*a*	0.282483	0.000026
Plesovice_1 (Copy 12)	26.09.2022	13156	16:37:21	41.1	11.3	-1.11	-1.25	1.14	0.005035	0.000031	0.000100	0.000001	0.282474	0.000047	0.000049	0.282486	0.000023	0.000025	*a*	0.282486	0.000025
Plesovice_5	26.09.2022	13156	16:48:44	41.1	11.1	-1.10	-0.71	0.64	0.003952	0.000041	0.000081	0.000001	0.282505	0.000046	0.000049	0.282487	0.000024	0.000025	*a*	0.282487	0.000025
Plesovice_7	26.09.2022	13156	16:50:09	41.0	11.3	-1.10	-1.04	0.94	0.004675	0.000032	0.000093	0.000000	0.282475	0.000042	0.000044	0.282465	0.000023	0.000024	*a*	0.282465	0.000024
Plesovice_1	27.09.2022	13158	11:23:52	41.0	16.3	-1.30	-1.21	0.93	0.004658	0.000021	0.000083	0.000000	0.282477	0.000035	0.000037	0.282467	0.000019	0.000020	*a*	0.282467	0.000020

Plesovice_2	27.09.2022	13158	11:25:17	41.3	16.0	-1.31	-1.32	1.00	0.007561	0.000055	0.000126	0.000000	0.282491	0.000033	0.000035	0.282481	0.000018	0.000019	*a*	0.282481	0.000019
Plesovice_3	27.09.2022	13158	11:36:41	41.1	16.1	-1.30	-1.32	1.01	0.005611	0.000032	0.000102	0.000000	0.282498	0.000030	0.000032	0.282496	0.000017	0.000018	*a*	0.282496	0.000018
Plesovice_1 (Copy 8)	27.09.2022	13158	11:44:10	41.1	16.1	-1.30	-1.32	1.02	0.004038	0.000105	0.000070	0.000001	0.282491	0.000033	0.000035	0.282486	0.000019	0.000020	*a*	0.282486	0.000020
Plesovice_1 (Copy 7)	27.09.2022	13158	11:53:04	41.0	16.1	-1.30	-1.31	1.03	0.003936	0.000104	0.000069	0.000001	0.282475	0.000033	0.000034	0.282480	0.000018	0.000019	*a*	0.282480	0.000019
Plesovice_1 (Copy 6)	27.09.2022	13158	12:01:59	41.0	16.2	-1.29	-1.45	1.15	0.003337	0.000026	0.000060	0.000000	0.282466	0.000034	0.000035	0.282479	0.000019	0.000019	*a*	0.282479	0.000019
Plesovice_1 (Copy 5)	27.09.2022	13158	12:10:53	41.0	16.2	-1.29	-1.21	0.94	0.003179	0.000032	0.000057	0.000000	0.282478	0.000033	0.000035	0.282473	0.000018	0.000019	*a*	0.282473	0.000019
Plesovice_1 (Copy 4)	27.09.2022	13158	12:19:48	41.0	15.9	-1.28	-1.34	1.07	0.003354	0.000063	0.000059	0.000001	0.282461	0.000036	0.000038	0.282472	0.000019	0.000020	*a*	0.282472	0.000020
Plesovice_1 (Copy 3)	27.09.2022	13158	12:28:43	41.3	15.9	-1.28	-1.16	0.90	0.003899	0.000024	0.000070	0.000001	0.282494	0.000034	0.000036	0.282489	0.000018	0.000019	*a*	0.282489	0.000019
Plesovice_1 (Copy 2)	27.09.2022	13158	12:40:08	41.0	15.8	-1.27	-1.20	0.95	0.003125	0.000018	0.000056	0.000000	0.282510	0.000033	0.000035	0.282500	0.000018	0.000018	*a*	0.282500	0.000018
Plesovice_1 (Copy 1)	27.09.2022	13158	12:49:03	41.0	15.7	-1.28	-1.39	1.06	0.004989	0.000032	0.000089	0.000000	0.282482	0.000035	0.000036	0.282486	0.000019	0.000020	*a*	0.282486	0.000020
Plesovice_1 (Copy 9)	27.09.2022	13158	12:57:59	41.1	15.9	-1.28	-1.31	1.04	0.004817	0.000056	0.000086	0.000001	0.282476	0.000034	0.000036	0.282479	0.000019	0.000019	*a*	0.282479	0.000019
Plesovice_1 (Copy 10)	27.09.2022	13158	13:06:54	41.1	15.8	-1.28	-1.46	1.14	0.003981	0.000096	0.000071	0.000001	0.282461	0.000034	0.000036	0.282466	0.000018	0.000018	*a*	0.282466	0.000018
Plesovice_1 (Copy 11)	27.09.2022	13158	13:15:49	41.0	15.8	-1.27	-1.31	1.03	0.003981	0.000083	0.000071	0.000001	0.282488	0.000035	0.000037	0.282489	0.000018	0.000019	*a*	0.282489	0.000019
Plesovice_1 (Copy 12)	27.09.2022	13158	13:24:44	41.0	15.8	-1.27	-1.54	1.21	0.004950	0.000070	0.000088	0.000001	0.282472	0.000037	0.000038	0.282490	0.000019	0.000020	*a*	0.282490	0.000020
Plesovice_4	27.09.2022	13158	13:33:38	41.1	15.2	-1.27	-1.09	0.86	0.005951	0.000033	0.000103	0.000001	0.282497	0.000032	0.000034	0.282473	0.000019	0.000020	*a*	0.282473	0.000020
Plesovice_5	27.09.2022	13158	13:45:02	41.0	16.6	-1.27	-1.27	1.00	0.004498	0.000056	0.000081	0.000001	0.282481	0.000032	0.000033	0.282478	0.000017	0.000018	*a*	0.282478	0.000018
Plesovice_1 (Copy 13)	27.09.2022	13158	13:46:27	41.0	16.1	-1.27	-1.51	1.20	0.005026	0.000079	0.000089	0.000001	0.282477	0.000032	0.000034	0.282493	0.000018	0.000018	*a*	0.282493	0.000018
Plesovice_1	27.09.2022	13160	16:01:48	41.0	15.0	-1.29	-1.28	0.99	0.004153	0.000033	0.000070	0.000001	0.282488	0.000038	0.000040	0.282485	0.000020	0.000021	*a*	0.282485	0.000021
Plesovice_2	27.09.2022	13160	16:03:13	41.1	15.1	-1.29	-1.60	1.23	0.003149	0.000023	0.000053	0.000000	0.282469	0.000033	0.000034	0.282486	0.000019	0.000020	*a*	0.282486	0.000020
Plesovice_3	27.09.2022	13160	16:14:37	41.0	14.2	-1.29	-1.13	0.87	0.003940	0.000050	0.000068	0.000001	0.282491	0.000038	0.000039	0.282482	0.000020	0.000021	*a*	0.282482	0.000021
Plesovice_1 (Copy 8)	27.09.2022	13160	16:23:32	41.1	15.0	-1.29	-1.39	1.08	0.003508	0.000099	0.000061	0.000002	0.282485	0.000036	0.000038	0.282490	0.000020	0.000021	*a*	0.282490	0.000021
Plesovice_1 (Copy 7)	27.09.2022	13160	16:32:26	41.0	14.8	-1.29	-1.31	1.02	0.004352	0.000069	0.000080	0.000001	0.282474	0.000035	0.000037	0.282475	0.000019	0.000020	*a*	0.282475	0.000020
Plesovice_1 (Copy 6)	27.09.2022	13160	16:41:22	41.0	15.2	-1.30	-1.39	1.08	0.003593	0.000111	0.000065	0.000002	0.282474	0.000035	0.000037	0.282477	0.000020	0.000021	*a*	0.282477	0.000021
Plesovice_1 (Copy 5)	27.09.2022	13160	16:50:17	41.0	14.9	-1.29	-1.36	1.03	0.004777	0.000032	0.000090	0.000001	0.282473	0.000036	0.000038	0.282471	0.000020	0.000021	*a*	0.282471	0.000021
Plesovice_1 (Copy 4)	27.09.2022	13160	16:59:08	41.0	15.3	-1.30	-1.06	0.82	0.003848	0.000087	0.000070	0.000002	0.282498	0.000034	0.000036	0.282477	0.000020	0.000021	*a*	0.282477	0.000021
Plesovice_1 (Copy 3)	27.09.2022	13160	17:07:57	41.0	15.2	-1.30	-1.41	1.08	0.004890	0.000020	0.000084	0.000001	0.282488	0.000034	0.000035	0.282491	0.000018	0.000019	*a*	0.282491	0.000019
Plesovice_1 (Copy 1)	27.09.2022	13160	17:16:46	41.1	15.2	-1.30	-1.28	0.98	0.003317	0.000029	0.000058	0.000001	0.282480	0.000035	0.000037	0.282473	0.000019	0.000020	*a*	0.282473	0.000020
Plesovice_1 (Copy 2)	27.09.2022	13160	17:28:11	41.0	15.3	-1.30	-1.40	1.08	0.004552	0.000076	0.000079	0.000002	0.282478	0.000034	0.000036	0.282485	0.000019	0.000020	*a*	0.282485	0.000020
Plesovice_1 (Copy 9)	27.09.2022	13160	17:37:01	41.0	15.3	-1.29	-1.35	1.04	0.003817	0.000080	0.000069	0.000001	0.282496	0.000035	0.000037	0.282489	0.000021	0.000022	*a*	0.282489	0.000022
Plesovice_1 (Copy 10)	27.09.2022	13160	17:45:51	41.1	15.5	-1.30	-1.55	1.19	0.003087	0.000035	0.000054	0.000001	0.282484	0.000033	0.000034	0.282496	0.000018	0.000019	*a*	0.282496	0.000019
Plesovice_1 (Copy 11)	27.09.2022	13160	17:54:41	41.1	15.4	-1.29	-1.33	1.03	0.004085	0.000130	0.000073	0.000002	0.282476	0.000035	0.000036	0.282477	0.000018	0.000019	*a*	0.282477	0.000019
Plesovice_1 (Copy 12)	27.09.2022	13160	18:03:32	41.0	15.6	-1.29	-1.48	1.14	0.003159	0.000034	0.000054	0.000001	0.282476	0.000033	0.000035	0.282482	0.000018	0.000019	*a*	0.282482	0.000019

Plesovice_1 (Copy 13)	27.09.2022	13160	18:12:22	41.0	15.3	-1.30	-1.26	0.95	0.004279	0.000119	0.000076	0.000002	0.282487	0.000033	0.000034	0.282478	0.000017	0.000018	*a*	0.282478	0.000018
Plesovice_4	27.09.2022	13160	18:21:12	41.1	15.6	-1.29	-0.95	0.73	0.002862	0.000029	0.000050	0.000000	0.282501	0.000032	0.000034	0.282486	0.000019	0.000020	*a*	0.282486	0.000020
Plesovice_6	27.09.2022	13160	18:32:35	41.0	15.9	-1.30	-1.23	0.97	0.003167	0.000032	0.000055	0.000001	0.282483	0.000032	0.000034	0.282477	0.000018	0.000019	*a*	0.282477	0.000019
Plesovice_7	27.09.2022	13160	18:34:01	41.0	15.4	-1.29	-1.70	1.32	0.003132	0.000042	0.000055	0.000001	0.282456	0.000035	0.000036	0.282483	0.000019	0.000020	*a*	0.282483	0.000020
Plesovice (Copy 1)	11.10.2022	13231	11:16:07	41.0	12.3	-1.37	-1.30	0.95	0.008000	0.000061	0.000143	0.000000	0.282492	0.000044	0.000046	0.282477	0.000024	0.000025	*a*	0.282477	0.000025
Plesovice (Copy 2)	11.10.2022	13231	11:27:31	41.0	12.5	-1.37	-1.38	1.01	0.008080	0.000044	0.000147	0.000001	0.282479	0.000042	0.000044	0.282477	0.000023	0.000025	*a*	0.282477	0.000025
Plesovice (Copy 6) (Copy 2)	11.10.2022	13231	11:43:20	41.1	12.5	-1.36	-1.43	1.05	0.007785	0.000059	0.000140	0.000001	0.282473	0.000043	0.000045	0.282482	0.000022	0.000023	*a*	0.282482	0.000023
Plesovice	11.10.2022	13231	11:59:09	41.0	12.9	-1.36	-1.39	1.02	0.007877	0.000054	0.000143	0.000001	0.282490	0.000039	0.000041	0.282497	0.000021	0.000022	*a*	0.282497	0.000022
Plesovice (Copy 3)	11.10.2022	13231	12:10:33	41.0	13.0	-1.36	-1.44	1.06	0.007830	0.000043	0.000144	0.000001	0.282458	0.000045	0.000047	0.282470	0.000023	0.000024	*a*	0.282470	0.000024
Plesovice (Copy 6) (Copy 1)	11.10.2022	13231	12:26:22	41.1	13.0	-1.36	-1.34	0.98	0.007746	0.000050	0.000142	0.000001	0.282495	0.000040	0.000042	0.282489	0.000023	0.000024	*a*	0.282489	0.000024
Plesovice (Copy 4)	11.10.2022	13231	12:42:12	41.1	12.9	-1.35	-1.44	1.06	0.007690	0.000051	0.000140	0.000000	0.282470	0.000040	0.000042	0.282484	0.000022	0.000023	*a*	0.282484	0.000023
Plesovice (Copy 5)	11.10.2022	13231	12:53:36	41.0	13.4	-1.35	-1.43	1.04	0.007902	0.000043	0.000145	0.000000	0.282497	0.000036	0.000038	0.282497	0.000021	0.000022	*a*	0.282497	0.000022
Plesovice (Copy 6)	11.10.2022	13231	13:09:26	41.1	13.1	-1.34	-1.32	0.97	0.007608	0.000046	0.000141	0.000000	0.282474	0.000038	0.000040	0.282470	0.000023	0.000024	*a*	0.282470	0.000024
Plesovice (Copy 4) (Copy 1)	11.10.2022	13231	13:25:15	41.1	13.4	-1.34	-1.31	0.98	0.007816	0.000052	0.000144	0.000000	0.282480	0.000039	0.000040	0.282479	0.000020	0.000021	*a*	0.282479	0.000021
Plesovice (Copy 5) (Copy 1)	11.10.2022	13231	13:36:40	41.0	13.1	-1.34	-1.25	0.93	0.007572	0.000033	0.000142	0.000000	0.282485	0.000038	0.000040	0.282480	0.000021	0.000023	*a*	0.282480	0.000023
Plesovice (Copy 1)	11.10.2022	13232	14:35:24	41.1	13.0	-1.32	-1.33	1.01	0.007899	0.000048	0.000142	0.000001	0.282494	0.000039	0.000041	0.282483	0.000022	0.000023	*a*	0.282483	0.000023
Plesovice (Copy 2)	11.10.2022	13232	14:46:49	41.2	12.9	-1.32	-1.33	1.00	0.007502	0.000038	0.000138	0.000001	0.2824915	0.000041	0.000043	0.282492	0.000021	0.000022	*a*	0.282492	0.000022
Plesovice (Copy 4) (Copy 1) (Copy 1) (Copy 3)	11.10.2022	13232	15:02:38	41.1	13.3	-1.33	-1.36	1.02	0.007669	0.000040	0.000143	0.000001	0.282489	0.000039	0.000041	0.282496	0.000021	0.000022	*a*	0.282496	0.000022
Plesovice (Copy 4) (Copy 1) (Copy 1) (Copy 2)	11.10.2022	13232	15:18:27	41.1	13.3	-1.33	-1.30	0.99	0.007842	0.000039	0.000146	0.000001	0.282480	0.000040	0.000042	0.282473	0.000022	0.000023	*a*	0.282473	0.000023
Plesovice	11.10.2022	13232	15:34:15	41.0	13.4	-1.33	-1.29	0.97	0.007753	0.000049	0.000145	0.000001	0.282481	0.000039	0.000041	0.282480	0.000021	0.000023	*a*	0.282480	0.000023
Plesovice (Copy 3)	11.10.2022	13232	15:45:40	41.0	13.4	-1.33	-1.30	0.98	0.008190	0.000067	0.000151	0.000000	0.282490	0.000039	0.000041	0.282484	0.000021	0.000022	*a*	0.282484	0.000022
Plesovice (Copy 4) (Copy 1) (Copy 1) (Copy 1)	11.10.2022	13232	16:01:29	41.0	13.3	-1.32	-1.30	0.99	0.007838	0.000049	0.000147	0.000001	0.282470	0.000039	0.000041	0.282470	0.000021	0.000022	*a*	0.282470	0.000022
Plesovice (Copy 4) (Copy 1) (Copy 1)	11.10.2022	13232	16:17:18	41.0	13.4	-1.32	-1.34	1.02	0.007697	0.000044	0.000146	0.000000	0.282469	0.000038	0.000040	0.282473	0.000021	0.000022	*a*	0.282473	0.000022
Plesovice (Copy 4)	11.10.2022	13232	16:33:08	41.0	12.9	-1.32	-1.34	1.02	0.007433	0.000052	0.000135	0.000001	0.282483	0.000038	0.000040	0.282491	0.000020	0.000021	*a*	0.282491	0.000021
Plesovice (Copy 5)	11.10.2022	13232	16:44:33	41.0	13.1	-1.32	-1.45	1.10	0.007485	0.000040	0.000138	0.000001	0.282446	0.000040	0.000042	0.282466	0.000022	0.000024	*a*	0.282466	0.000024
Plesovice (Copy 5) (Copy 1)	11.10.2022	13232	17:00:18	41.0	13.3	-1.32	-1.35	1.02	0.007475	0.000035	0.000139	0.000001	0.282473	0.000039	0.000041	0.282476	0.000022	0.000023	*a*	0.282476	0.000023
Plesovice (Copy 4) (Copy 1)	11.10.2022	13232	17:14:39	41.0	13.2	-1.32	-1.27	0.97	0.007576	0.000071	0.000137	0.000000	0.282491	0.000039	0.000041	0.282487	0.000021	0.000023	*a*	0.282487	0.000023
Plesovice (Copy 4) (Copy 1)	11.10.2022	13232	17:30:25	41.0	13.2	-1.32	-1.34	1.01	0.007369	0.000043	0.000137	0.000001	0.282474	0.000042	0.000044	0.282481	0.000021	0.000023	*a*	0.282481	0.000023
Plesovice (Copy 5) (Copy 1)	11.10.2022	13232	17:41:49	41.0	13.6	-1.31	-1.23	0.92	0.007605	0.000044	0.000140	0.000001	0.282489	0.000038	0.000039	0.282479	0.000021	0.000022	*a*	0.282479	0.000022
Plesovice (Copy 5) (Copy 1)	11.10.2022	13232	17:56:10	41.0	13.7	-1.31	-1.29	0.98	0.007474	0.000031	0.000141	0.000001	0.282488	0.000041	0.000043	0.282487	0.000022	0.000023	*a*	0.282487	0.000023
Plesovice (Copy 5) (Copy 1)	11.10.2022	13232	18:11:56	41.0	13.5	-1.31	-1.17	0.88	0.007729	0.000039	0.000143	0.000001	0.282499	0.000041	0.000043	0.282489	0.000021	0.000022	*a*	0.282489	0.000022
Plesovice (Copy 4) (Copy 1)	11.10.2022	13232	18:27:42	41.0	13.3	-1.31	-1.31	1.00	0.007414	0.000044	0.000135	0.000001	0.282483	0.000041	0.000043	0.282485	0.000023	0.000024	*a*	0.282485	0.000024

Plesovice (Copy 4) (Copy 1)	11.10.2022	13232	18:39:06	41.0	13.3	-1.31	-1.25	0.95	0.007371	0.000040	0.000136	0.000001	0.282486	0.000039	0.000041	0.282484	0.000021	0.000022	*a*	0.282484	0.000022
Plesovice (Copy 1)	13.10.2022	13239	11:32:10	41.0	11.9	-1.37	-1.40	1.02	0.007431	0.000048	0.000135	0.000001	0.282476	0.000040	0.000042	0.282474	0.000023	0.000024	*a*	0.282474	0.000024
Plesovice (Copy 2)	13.10.2022	13239	11:43:34	41.2	12.3	-1.37	-1.41	1.02	0.007609	0.000067	0.000137	0.000000	0.282477	0.000043	0.000045	0.282488	0.000022	0.000024	*a*	0.282488	0.000024
Plesovice (Copy 6) (Copy 8)	13.10.2022	13239	11:59:18	41.1	12.2	-1.36	-1.38	1.01	0.007329	0.000046	0.000133	0.000001	0.282477	0.000041	0.000043	0.282471	0.000023	0.000024	*a*	0.282471	0.000024
Plesovice (Copy 6) (Copy 7)	13.10.2022	13239	12:15:00	41.0	12.5	-1.36	-1.34	0.99	0.007203	0.000041	0.000132	0.000001	0.282484	0.000041	0.000043	0.282479	0.000022	0.000023	*a*	0.282479	0.000023
Plesovice (Copy 4)	13.10.2022	13239	12:30:43	41.1	12.9	-1.36	-1.18	0.86	0.007322	0.000047	0.000134	0.000001	0.282517	0.000041	0.000043	0.282496	0.000022	0.000023	*a*	0.282496	0.000023
Plesovice (Copy 5)	13.10.2022	13239	12:42:08	41.1	13.0	-1.36	-1.31	0.97	0.007254	0.000042	0.000134	0.000001	0.282494	0.000040	0.000042	0.282487	0.000021	0.000022	*a*	0.282487	0.000022
Plesovice (Copy 6) (Copy 6)	13.10.2022	13239	12:56:25	41.1	13.0	-1.35	-1.44	1.07	0.007217	0.000047	0.000134	0.000001	0.282476	0.000042	0.000044	0.282492	0.000023	0.000024	*a*	0.282492	0.000024
Plesovice (Copy 6) (Copy 5)	13.10.2022	13239	13:09:18	41.1	13.0	-1.35	-1.38	1.02	0.007304	0.000054	0.000135	0.000000	0.282477	0.000042	0.000044	0.282482	0.000022	0.000023	*a*	0.282482	0.000023
Plesovice (Copy 1)	13.10.2022	13239	13:23:36	41.0	13.1	-1.35	-1.33	0.98	0.007322	0.000055	0.000135	0.000000	0.282490	0.000039	0.000041	0.282487	0.000021	0.000022	*a*	0.282487	0.000022
Plesovice (Copy 3) (Copy 1)	13.10.2022	13239	13:35:00	41.0	13.2	-1.35	-1.44	1.08	0.007210	0.000051	0.000135	0.000001	0.282463	0.000041	0.000043	0.282479	0.000021	0.000022	*a*	0.282479	0.000022
Plesovice (Copy 6)	13.10.2022	13239	13:50:45	41.0	13.0	-1.34	-1.34	0.99	0.007152	0.000042	0.000132	0.000001	0.282472	0.000041	0.000043	0.282470	0.000021	0.000023	*a*	0.282470	0.000023
Plesovice (Copy 6) (Copy 9)	13.10.2022	13239	14:06:30	41.1	13.1	-1.34	-1.39	1.04	0.007362	0.000050	0.000136	0.000000	0.282469	0.000038	0.000040	0.282475	0.000021	0.000022	*a*	0.282475	0.000022
Plesovice (Copy 1)	13.10.2022	13239	14:22:16	41.3	13.0	-1.33	-1.27	0.94	0.007046	0.000035	0.000133	0.000001	0.282487	0.000040	0.000042	0.282481	0.000022	0.000023	*a*	0.282481	0.000023
Plesovice (Copy 3) (Copy 1)	13.10.2022	13239	14:33:40	41.0	13.3	-1.34	-1.46	1.08	0.007252	0.000058	0.000136	0.000000	0.282458	0.000041	0.000043	0.282470	0.000022	0.000023	*a*	0.282470	0.000023
Plesovice (Copy 6) (Copy 10)	13.10.2022	13239	14:49:26	41.2	12.8	-1.33	-1.35	1.01	0.007070	0.000046	0.000131	0.000001	0.282485	0.000039	0.000041	0.282485	0.000021	0.000022	*a*	0.282485	0.000022
Plesovice (Copy 6) (Copy 11)	13.10.2022	13239	15:05:11	41.0	12.9	-1.33	-1.28	0.96	0.007112	0.000046	0.000132	0.000001	0.282511	0.000041	0.000043	0.282502	0.000023	0.000024	*a*	0.282502	0.000024
Plesovice	13.10.2022	13239	15:20:56	41.0	13.5	-1.33	-1.31	0.99	0.007207	0.000051	0.000136	0.000000	0.282490	0.000041	0.000043	0.282483	0.000023	0.000024	*a*	0.282483	0.000024
Plesovice (Copy 3)	13.10.2022	13239	15:32:20	41.0	13.5	-1.33	-1.26	0.95	0.007057	0.000047	0.000135	0.000000	0.282474	0.000040	0.000042	0.282473	0.000021	0.000022	*a*	0.282473	0.000022
Plesovice (Copy 1)	13.10.2022	13240	16:02:07	41.1	12.8	-1.32	-1.22	0.93	0.007220	0.000051	0.000134	0.000001	0.282489	0.000041	0.000043	0.282488	0.000021	0.000022	*a*	0.282488	0.000022
Plesovice (Copy 2)	13.10.2022	13240	16:13:32	41.1	12.9	-1.32	-1.28	0.97	0.007294	0.000053	0.000137	0.000001	0.282476	0.000045	0.000047	0.282478	0.000023	0.000024	*a*	0.282478	0.000024
Plesovice (Copy 6) (Copy 8)	13.10.2022	13240	16:29:16	41.0	12.6	-1.31	-1.33	1.01	0.007120	0.000054	0.000132	0.000000	0.282495	0.000043	0.000045	0.282500	0.000022	0.000023	*a*	0.282500	0.000023
Plesovice (Copy 6) (Copy 7)	13.10.2022	13240	16:43:33	41.0	12.8	-1.31	-0.94	0.72	0.007081	0.000056	0.000132	0.000000	0.282505	0.000039	0.000041	0.282465	0.000022	0.000024	*a*	0.282465	0.000024
Plesovice (Copy 4)	13.10.2022	13240	16:59:16	41.0	13.1	-1.32	-1.38	1.05	0.007185	0.000063	0.000133	0.000000	0.282460	0.000042	0.000044	0.282478	0.000021	0.000022	*a*	0.282478	0.000022
Plesovice (Copy 5)	13.10.2022	13240	17:10:41	41.0	13.0	-1.32	-1.26	0.96	0.007131	0.000051	0.000133	0.000000	0.282468	0.000043	0.000046	0.282469	0.000022	0.000023	*a*	0.282469	0.000023
Plesovice (Copy 6) (Copy 6)	13.10.2022	13240	17:26:23	41.0	13.1	-1.3	-1.36	1.04	0.007091	0.000039	0.000133	0.000001	0.282484	0.000039	0.000041	0.282496	0.000021	0.000022	*a*	0.282496	0.000022
Plesovice (Copy 6) (Copy 5)	13.10.2022	13240	17:42:05	41.0	13.1	-1.3	-1.37	1.04	0.007089	0.000032	0.000134	0.000001	0.282476	0.000042	0.000044	0.282485	0.000022	0.000023	*a*	0.282485	0.000023
Plesovice (Copy 1)	13.10.2022	13240	17:57:48	41.4	13.1	-1.3	-1.36	1.03	0.007205	0.000043	0.000136	0.000001	0.282478	0.000040	0.000042	0.282488	0.000021	0.000023	*a*	0.282488	0.000023
Plesovice (Copy 3) (Copy 1)	13.10.2022	13240	18:09:13	41.0	13.3	-1.3	-1.32	0.99	0.007080	0.000044	0.000134	0.000001	0.282482	0.000039	0.000041	0.282476	0.000022	0.000023	*a*	0.282476	0.000023
Plesovice (Copy 6)	13.10.2022	13240	18:22:05	41.0	13.0	-1.3	-1.28	0.97	0.007084	0.000053	0.000132	0.000000	0.282482	0.000039	0.000041	0.282480	0.000021	0.000022	*a*	0.282480	0.000022
Plesovice (Copy 6) (Copy 9)	13.10.2022	13240	18:36:23	41.1	13.1	-1.3	-1.36	1.03	0.007374	0.000052	0.000137	0.000001	0.282483	0.000039	0.000041	0.282486	0.000023	0.000024	*a*	0.282486	0.000024
Plesovice (Copy 1)	13.10.2022	13240	18:52:06	41.0	13.1	-1.3	-1.33	1.01	0.007013	0.000040	0.000132	0.000000	0.282471	0.000042	0.000044	0.282473	0.000021	0.000022	*a*	0.282473	0.000022

Plesovice (Copy 3) (Copy 1)	13.10.2022	13240	19:03:30	41.0	13.3	-1.3	-1.36	1.03	0.007052	0.000038	0.000135	0.000001	0.282484	0.000037	0.000039	0.282490	0.000019	0.000020	*a*	0.282490	0.000020
Plesovice (Copy 6) (Copy 10)	13.10.2022	13240	19:19:13	41.1	12.9	-1.3	-1.40	1.06	0.007062	0.000050	0.000131	0.000000	0.282468	0.000039	0.000041	0.282477	0.000021	0.000022	*a*	0.282477	0.000022
Plesovice (Copy 6) (Copy 11)	13.10.2022	13240	19:33:30	41.0	13.1	-1.3	-1.23	0.93	0.007008	0.000050	0.000132	0.000001	0.282481	0.000040	0.000042	0.282466	0.000021	0.000023	*a*	0.282466	0.000023
Plesovice	13.10.2022	13240	19:47:47	41.0	13.2	-1.3	-1.28	0.97	0.007297	0.000055	0.000138	0.000001	0.282490	0.000039	0.000041	0.282487	0.000021	0.000022	*a*	0.282487	0.000022
Plesovice (Copy 3)	13.10.2022	13240	19:59:11	41.1	13.3	-1.3	-1.40	1.05	0.006961	0.000032	0.000134	0.000001	0.282497	0.000040	0.000042	0.282494	0.000022	0.000023	*a*	0.282494	0.000023
Plesovice	24.10.2022	13256	18:20:14	41.133	11.7	-1.4	-1.43	0.99	0.005795	0.000057	0.000104	0.000000	0.282514	0.000046	0.000048	0.282503	0.000024	0.000025	*a*	0.282503	0.000025
Plesovice (Copy 6)	24.10.2022	13256	18:31:38	41.057	12.1	-1.5	-1.62	1.11	0.004975	0.000039	0.000090	0.000000	0.282473	0.000042	0.000044	0.282487	0.000022	0.000023	*a*	0.282487	0.000023
Plesovice (Copy 1)	24.10.2022	13256	18:41:44	41.017	11.9	-1.4	-1.44	1.00	0.008027	0.000053	0.000143	0.000001	0.282473	0.000043	0.000046	0.282468	0.000023	0.000024	*a*	0.282468	0.000024
Plesovice (Copy 7)	24.10.2022	13256	18:51:49	41.056	12.0	-1.4	-1.47	1.01	0.005301	0.000036	0.000095	0.000000	0.282476	0.000044	0.000046	0.282478	0.000024	0.000025	*a*	0.282478	0.000025
Plesovice (Copy 4)	24.10.2022	13256	19:01:54	41.024	12.1	-1.4	-1.37	0.94	0.005374	0.000046	0.000097	0.000000	0.282475	0.000043	0.000045	0.282469	0.000023	0.000024	*a*	0.282469	0.000024
Plesovice (Copy 5)	24.10.2022	13256	19:13:18	41.008	12.5	-1.4	-1.52	1.05	0.004750	0.000036	0.000087	0.000000	0.282459	0.000044	0.000046	0.282467	0.000022	0.000024	*a*	0.282467	0.000024
Plesovice (Copy 6)	24.10.2022	13256	19:23:23	41.055	12.2	-1.5	-1.51	1.04	0.005205	0.000030	0.000094	0.000000	0.282497	0.000040	0.000042	0.282495	0.000023	0.000025	*a*	0.282495	0.000025
Plesovice (Copy 4)	24.10.2022	13256	19:33:29	41.023	12.4	-1.5	-1.50	1.05	0.005165	0.000026	0.000093	0.000001	0.282468	0.000040	0.000042	0.282473	0.000022	0.000024	*a*	0.282473	0.000024
Plesovice (Copy 3)	24.10.2022	13256	19:45:00	41.022	12.5	-1.5	-1.48	1.02	0.004990	0.000020	0.000091	0.000000	0.282496	0.000040	0.000042	0.282495	0.000022	0.000024	*a*	0.282495	0.000024
Plesovice (Copy 2)	24.10.2022	13256	19:55:06	41.005	13.2	-1.4	-1.44	1.00	0.008096	0.000058	0.000146	0.000000	0.282471	0.000039	0.000041	0.282461	0.000021	0.000022	*a*	0.282461	0.000022
Plesovice (Copy 3)	24.10.2022	13256	20:06:30	41.068	12.7	-1.4	-1.49	1.03	0.005273	0.000043	0.000096	0.000000	0.282497	0.000043	0.000045	0.282503	0.000023	0.000024	*a*	0.282503	0.000024
Plesovice (Copy 2)	24.10.2022	13256	20:16:36	41.03	12.6	-1.4	-1.45	1.00	0.005107	0.000026	0.000093	0.000000	0.282498	0.000041	0.000043	0.282493	0.000022	0.000023	*a*	0.282493	0.000023
Plesovice (Copy 1)	24.10.2022	13256	20:25:17	41.037	12.7	-1.4	-1.33	0.92	0.005041	0.000025	0.000092	0.000000	0.282499	0.000041	0.000043	0.282488	0.000023	0.000024	*a*	0.282488	0.000024
Plesovice (Copy 4) (Copy 1)	24.10.2022	13256	20:35:22	41.001	12.9	-1.4	-1.56	1.08	0.005551	0.000029	0.000102	0.000000	0.282458	0.000037	0.000039	0.282466	0.000022	0.000023	*a*	0.282466	0.000023
Plesovice (Copy 5) (Copy 1)	24.10.2022	13256	20:46:47	41.056	13.3	-1.5	-1.62	1.09	0.004780	0.000035	0.000088	0.000000	0.282484	0.000041	0.000043	0.282485	0.000021	0.000023	*a*	0.282485	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 1)	26.10.2022	13265	11:02:33	41.071	12.2	-1.4	-1.31	0.93	0.006961	0.000101	0.000128	0.000001	0.282498	0.000042	0.000044	0.282487	0.000024	0.000025	*a*	0.282487	0.000025
Plesovice (Copy 1) (Copy 1)	26.10.2022	13265	11:13:57	41.022	12.9	-1.4	-1.37	0.98	0.007691	0.000075	0.000141	0.000000	0.282492	0.000040	0.000042	0.282485	0.000022	0.000023	*a*	0.282485	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 4)	26.10.2022	13265	11:24:02	41.012	12.4	-1.4	-1.17	0.84	0.006226	0.000048	0.000116	0.000000	0.282496	0.000043	0.000045	0.282477	0.000023	0.000024	*a*	0.282477	0.000024
Plesovice (Copy 1) (Copy 1) (Copy 3)	26.10.2022	13265	11:34:07	41.022	12.6	-1.4	-1.29	0.92	0.006320	0.000040	0.000118	0.000000	0.282496	0.000042	0.000044	0.282491	0.000023	0.000024	*a*	0.282491	0.000024
Plesovice (Copy 1) (Copy 1) (Copy 2)	26.10.2022	13265	11:44:12	41.074	13.1	-1.4	-1.41	1.02	0.007938	0.000070	0.000145	0.000000	0.282460	0.000040	0.000042	0.282461	0.000021	0.000022	*a*	0.282461	0.000022
Plesovice (Copy 2) (Copy 1)	26.10.2022	13265	11:55:42	41.01	13.4	-1.4	-1.43	1.03	0.007812	0.000072	0.000144	0.000000	0.282461	0.000039	0.000041	0.282473	0.000023	0.000024	*a*	0.282473	0.000024
Plesovice (Copy 1)	26.10.2022	13265	12:05:46	41.014	13.4	-1.4	-1.43	1.03	0.007765	0.000066	0.000144	0.000000	0.282469	0.000037	0.000039	0.282478	0.000020	0.000021	*a*	0.282478	0.000021
Plesovice (Copy 2)	26.10.2022	13265	12:17:11	41.038	13.7	-1.4	-1.39	1.01	0.007753	0.000063	0.000144	0.000000	0.282480	0.000039	0.000041	0.282477	0.000020	0.000021	*a*	0.282477	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 9)	26.10.2022	13265	12:27:16	41.04	12.9	-1.4	-1.47	1.07	0.006241	0.000054	0.000116	0.000000	0.282491	0.000037	0.000039	0.282503	0.000020	0.000021	*a*	0.282503	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 8)	26.10.2022	13265	12:37:22	41.017	13.3	-1.4	-1.46	1.06	0.006220	0.000060	0.000114	0.000000	0.282466	0.000038	0.000039	0.282477	0.000021	0.000022	*a*	0.282477	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 7)	26.10.2022	13265	12:47:28	41.053	13.5	-1.4	-1.43	1.03	0.006809	0.000077	0.000124	0.000001	0.282494	0.000039	0.000041	0.282498	0.000021	0.000022	*a*	0.282498	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 6)	26.10.2022	13265	12:57:33	41.165	13.0	-1.4	-1.47	1.04	0.006165	0.000049	0.000118	0.000000	0.282484	0.000041	0.000043	0.282493	0.000023	0.000024	*a*	0.282493	0.000024

Plesovice	26.10.2022	13265	13:09:02	41.059	14.1	-1.4	-1.42	1.01	0.007520	0.000071	0.000141	0.000000	0.282483	0.000038	0.000040	0.282491	0.000020	0.000021	*a*	0.282491	0.000021
Plesovice (Copy 3)	26.10.2022	13265	13:20:26	41.072	14.5	-1.4	-1.37	0.98	0.007696	0.000049	0.000147	0.000000	0.282475	0.000036	0.000037	0.282468	0.000020	0.000021	*a*	0.282468	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 5)	26.10.2022	13265	13:30:29	41.068	14.1	-1.4	-1.38	1.01	0.006458	0.000052	0.000121	0.000000	0.282479	0.000038	0.000040	0.282484	0.000020	0.000021	*a*	0.282484	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 5)	26.10.2022	13265	13:40:31	41.02	13.4	-1.4	-1.32	0.96	0.006420	0.000085	0.000120	0.000001	0.282473	0.000039	0.000041	0.282470	0.000022	0.000023	*a*	0.282470	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 4)	26.10.2022	13265	13:50:33	41.05	13.5	-1.4	-1.35	0.98	0.005919	0.000048	0.000111	0.000000	0.282475	0.000041	0.000043	0.282478	0.000022	0.000023	*a*	0.282478	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 3)	26.10.2022	13265	14:00:36	41.019	13.6	-1.4	-1.47	1.07	0.005995	0.000037	0.000115	0.000000	0.282483	0.000036	0.000038	0.282477	0.000022	0.000023	*a*	0.282477	0.000023
Plesovice (Copy 5)	26.10.2022	13265	14:10:39	41.242	14.5	-1.4	-1.30	0.95	0.007655	0.000053	0.000147	0.000000	0.282505	0.000038	0.000040	0.282487	0.000020	0.000021	*a*	0.282487	0.000021
Plesovice (Copy 2) (Copy 1)	26.10.2022	13265	14:22:04	41.029	14.5	-1.4	-1.37	0.99	0.007594	0.000062	0.000146	0.000001	0.282485	0.000037	0.000039	0.282484	0.000020	0.000021	*a*	0.282484	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 1)	26.10.2022	13266	15:06:21	41.01	13.4	-1.4	-1.38	1.01	0.006029	0.000041	0.000114	0.000000	0.282470	0.000038	0.000040	0.282468	0.000021	0.000022	*a*	0.282468	0.000022
Plesovice (Copy 1) (Copy 1)	26.10.2022	13266	15:17:45	41.1	13.0	-1.4	-1.46	1.07	0.006482	0.000061	0.000122	0.000001	0.282458	0.000042	0.000044	0.282469	0.000022	0.000023	*a*	0.282469	0.000023
Plesovice (Copy 2) (Copy 1)	26.10.2022	13266	15:27:48	41.052	13.6	-1.4	-1.39	1.01	0.006026	0.000041	0.000114	0.000000	0.282469	0.000036	0.000038	0.282469	0.000020	0.000021	*a*	0.282469	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 2)	26.10.2022	13266	15:37:51	41.003	13.7	-1.4	-1.39	1.01	0.006702	0.000113	0.000125	0.000001	0.282503	0.000040	0.000042	0.282493	0.000021	0.000022	*a*	0.282493	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 3)	26.10.2022	13266	15:47:54	41.043	13.9	-1.4	-1.39	1.01	0.005669	0.000050	0.000106	0.000000	0.282474	0.000037	0.000039	0.282474	0.000021	0.000022	*a*	0.282474	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 4)	26.10.2022	13266	15:57:56	41.021	13.9	-1.4	-1.47	1.07	0.005665	0.000042	0.000107	0.000000	0.282488	0.000040	0.000042	0.282498	0.000023	0.000024	*a*	0.282498	0.000024
Plesovice (Copy 1)	26.10.2022	13266	16:07:59	41.082	13.7	-1.4	-1.38	1.00	0.006351	0.000075	0.000121	0.000001	0.282476	0.000037	0.000039	0.282474	0.000020	0.000021	*a*	0.282474	0.000021
Plesovice (Copy 2)	26.10.2022	13266	16:19:23	41.018	14.2	-1.4	-1.31	0.95	0.006771	0.000044	0.000126	0.000000	0.282511	0.000040	0.000042	0.282500	0.000022	0.000023	*a*	0.282500	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 6)	26.10.2022	13266	16:29:26	41.014	13.9	-1.4	-1.37	1.00	0.005866	0.000042	0.000111	0.000000	0.282494	0.000039	0.000041	0.282493	0.000020	0.000022	*a*	0.282493	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 7)	26.10.2022	13266	16:39:29	41.009	14.1	-1.4	-1.43	1.04	0.006453	0.000032	0.000120	0.000000	0.282493	0.000038	0.000040	0.282493	0.000020	0.000021	*a*	0.282493	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 8)	26.10.2022	13266	16:49:32	41.016	14.1	-1.4	-1.44	1.04	0.006237	0.000050	0.000115	0.000000	0.282491	0.000039	0.000041	0.282490	0.000021	0.000022	*a*	0.282490	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 9)	26.10.2022	13266	16:59:35	41.055	13.7	-1.4	-1.44	1.05	0.006030	0.000034	0.000114	0.000000	0.282470	0.000036	0.000038	0.282473	0.000021	0.000022	*a*	0.282473	0.000022
Plesovice	26.10.2022	13266	17:09:39	41.02	13.9	-1.4	-1.40	1.02	0.007568	0.000066	0.000140	0.000001	0.282490	0.000035	0.000037	0.282486	0.000021	0.000022	*a*	0.282486	0.000022
Plesovice (Copy 3)	26.10.2022	13266	17:21:03	41.016	13.9	-1.4	-1.37	0.98	0.005925	0.000046	0.000112	0.000000	0.282487	0.000038	0.000039	0.282488	0.000020	0.000021	*a*	0.282488	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 3)	26.10.2022	13266	17:31:06	41.066	13.4	-1.4	-1.43	1.04	0.007296	0.000497	0.000136	0.000009	0.282483	0.000040	0.000042	0.282478	0.000022	0.000023	*a*	0.282478	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 4)	26.10.2022	13266	17:41:10	41.001	13.6	-1.4	-1.42	1.03	0.005883	0.000041	0.000111	0.000000	0.282490	0.000036	0.000038	0.282491	0.000020	0.000021	*a*	0.282491	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 5)	26.10.2022	13266	17:51:13	41.086	13.6	-1.4	-1.39	1.01	0.006051	0.000040	0.000116	0.000000	0.282460	0.000041	0.000043	0.282474	0.000023	0.000024	*a*	0.282474	0.000024
Plesovice (Copy 1) (Copy 1) (Copy 5)	26.10.2022	13266	18:01:16	41.004	14.0	-1.4	-1.38	1.03	0.006172	0.000069	0.000115	0.000000	0.282476	0.000037	0.000038	0.282485	0.000022	0.000023	*a*	0.282485	0.000023
Plesovice (Copy 5)	26.10.2022	13266	18:11:19	41.081	14.1	-1.4	-1.21	0.88	0.007478	0.000060	0.000141	0.000001	0.282512	0.000039	0.000041	0.282494	0.000021	0.000022	*a*	0.282494	0.000022
Plesovice (Copy 2) (Copy 1)	26.10.2022	13266	18:22:43	41.046	13.8	-1.4	-1.32	0.96	0.006282	0.000076	0.000120	0.000001	0.282476	0.000037	0.000039	0.282478	0.000021	0.000022	*a*	0.282478	0.000022
Plesovice (Copy 5) (Copy 1) (Copy 4)	26.10.2022	13266	18:32:50	41.076	14.0	-1.4	-1.40	1.01	0.006232	0.000051	0.000116	0.000000	0.282454	0.000037	0.000039	0.282461	0.000020	0.000021	*a*	0.282461	0.000021
Plesovice (Copy 5) (Copy 1) (Copy 3)	26.10.2022	13266	18:42:57	41.039	14.0	-1.4	-1.43	1.04	0.006174	0.000046	0.000115	0.000000	0.282469	0.000037	0.000039	0.282482	0.000020	0.000021	*a*	0.282482	0.000021
Plesovice (Copy 5) (Copy 1) (Copy 2)	26.10.2022	13266	18:53:04	41.048	13.3	-1.4	-1.29	0.94	0.013946	0.002567	0.000249	0.000044	0.282486	0.000041	0.000043	0.282463	0.000023	0.000024	*a*	0.282463	0.000024
Plesovice (Copy 5) (Copy 1) (Copy 1)	26.10.2022	13266	19:03:11	41.013	13.7	-1.4	-1.38	1.00	0.005929	0.000041	0.000114	0.000000	0.282485	0.000036	0.000038	0.282494	0.000020	0.000021	*a*	0.282494	0.000021

Plesovice (Copy 5) (Copy 1)	26.10.2022	13266	19:13:18	41.092	13.8	-1.4	-1.20	0.89	0.006281	0.000083	0.000120	0.000001	0.282500	0.000034	0.000035	0.282491	0.000019	0.000020	*a*	0.282491	0.000020
Plesovice (Copy 2) (Copy 1) (Copy 1)	26.10.2022	13266	19:24:42	41.036	14.0	-1.4	-1.38	1.03	0.007078	0.000103	0.000133	0.000001	0.282464	0.000039	0.000041	0.282474	0.000020	0.000021	*a*	0.282474	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 1)	27.10.2022	13268	11:07:07	41.048	12.9	-1.4	-1.56	1.11	0.006917	0.000054	0.000128	0.000001	0.282460	0.000038	0.000040	0.282472	0.000022	0.000023	*a*	0.282472	0.000023
Plesovice (Copy 1) (Copy 1)	27.10.2022	13268	11:18:31	41.026	13.2	-1.4	-1.52	1.08	0.006753	0.000051	0.000126	0.000001	0.282461	0.000040	0.000042	0.282476	0.000021	0.000022	*a*	0.282476	0.000022
Plesovice (Copy 2) (Copy 1)	27.10.2022	13268	11:28:38	41.051	13.4	-1.4	-1.41	0.99	0.006742	0.000051	0.000126	0.000001	0.282490	0.000038	0.000040	0.282487	0.000020	0.000021	*a*	0.282487	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 2)	27.10.2022	13268	11:38:45	41.014	13.7	-1.4	-1.36	0.99	0.006632	0.000046	0.000125	0.000001	0.282483	0.000041	0.000043	0.282477	0.000022	0.000023	*a*	0.282477	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 3)	27.10.2022	13268	11:48:52	41.087	13.7	-1.4	-1.32	0.95	0.006847	0.000049	0.000128	0.000001	0.282477	0.000040	0.000042	0.282472	0.000022	0.000023	*a*	0.282472	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 4)	27.10.2022	13268	11:58:59	41.021	13.8	-1.4	-1.32	0.96	0.006781	0.000044	0.000128	0.000001	0.282488	0.000040	0.000042	0.282481	0.000022	0.000023	*a*	0.282481	0.000023
Plesovice (Copy 1)	27.10.2022	13268	12:09:05	41.03	13.9	-1.4	-1.32	0.95	0.006642	0.000042	0.000126	0.000001	0.282496	0.000040	0.000042	0.282482	0.000022	0.000023	*a*	0.282482	0.000023
Plesovice (Copy 2)	27.10.2022	13268	12:20:29	41.024	14.0	-1.4	-1.32	0.94	0.006702	0.000042	0.000127	0.000001	0.282517	0.000036	0.000038	0.282507	0.000021	0.000022	*a*	0.282507	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 6)	27.10.2022	13268	12:30:36	41.005	14.0	-1.4	-1.33	0.96	0.006454	0.000028	0.000122	0.000001	0.282476	0.000039	0.000041	0.282475	0.000021	0.000022	*a*	0.282475	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 7)	27.10.2022	13268	12:40:43	41.097	14.1	-1.4	-1.43	1.02	0.006429	0.000033	0.000123	0.000001	0.282491	0.000035	0.000037	0.282496	0.000021	0.000022	*a*	0.282496	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 8)	27.10.2022	13268	12:50:50	41.008	14.1	-1.4	-1.40	1.01	0.006690	0.000042	0.000126	0.000000	0.282493	0.000035	0.000037	0.282488	0.000019	0.000020	*a*	0.282488	0.000020
Plesovice (Copy 1) (Copy 1) (Copy 9)	27.10.2022	13268	13:00:57	41.098	14.0	-1.4	-1.42	1.03	0.006436	0.000035	0.000123	0.000001	0.282493	0.000037	0.000039	0.282492	0.000020	0.000021	*a*	0.282492	0.000021
Plesovice	27.10.2022	13268	13:11:04	41.308	14.1	-1.4	-1.50	1.08	0.006443	0.000039	0.000124	0.000001	0.282457	0.000039	0.000041	0.282470	0.000020	0.000021	*a*	0.282470	0.000021
Plesovice (Copy 3)	27.10.2022	13268	13:22:28	41.009	14.1	-1.4	-1.47	1.07	0.006680	0.000039	0.000127	0.000001	0.282462	0.000039	0.000041	0.282483	0.000021	0.000022	*a*	0.282483	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 3)	27.10.2022	13268	13:32:35	41.049	13.9	-1.4	-1.50	1.08	0.006580	0.000051	0.000123	0.000001	0.282473	0.000038	0.000040	0.282479	0.000021	0.000022	*a*	0.282479	0.000022
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 4)	27.10.2022	13268	13:42:42	41.029	13.9	-1.4	-1.36	0.97	0.006421	0.000033	0.000122	0.000001	0.282504	0.000037	0.000039	0.282496	0.000020	0.000021	*a*	0.282496	0.000021
Plesovice (Copy 1) (Copy 1) (Copy 12) (Copy 5)	27.10.2022	13268	13:52:49	41.011	14.1	-1.4	-1.48	1.04	0.006520	0.000044	0.000124	0.000001	0.282473	0.000041	0.000043	0.282482	0.000022	0.000023	*a*	0.282482	0.000023
Plesovice (Copy 1) (Copy 1) (Copy 5)	27.10.2022	13268	14:02:55	41.023	14.1	-1.4	-1.42	1.03	0.006692	0.000049	0.000128	0.000001	0.282483	0.000037	0.000039	0.282490	0.000019	0.000020	*a*	0.282490	0.000020
Plesovice (Copy 5)	27.10.2022	13268	14:13:02	41.042	14.1	-1.4	-1.42	1.02	0.006448	0.000036	0.000126	0.000000	0.282471	0.000037	0.000039	0.282474	0.000019	0.000020	*a*	0.282474	0.000020
Plesovice (Copy 2) (Copy 1)	27.10.2022	13268	14:24:26	41.003	14.1	-1.4	-1.27	0.92	0.006448	0.000031	0.000126	0.000001	0.282481	0.000038	0.000040	0.282463	0.000020	0.000021	*a*	0.282463	0.000021
Plesovice_10	21.11.2022	13283	17:37:28	41.048	7.4	-1.3	-1.47	1.10	0.012734	0.000071	0.000218	0.000001	0.282448	0.000066	0.000069	0.282464	0.000033	0.000035	*a*	0.282464	0.000035
Plesovice_10 (Copy 1)	21.11.2022	13283	17:38:54	41.037	7.5	-1.3	-1.53	1.13	0.010464	0.000061	0.000178	0.000002	0.282448	0.000073	0.000077	0.282477	0.000033	0.000034	*a*	0.282477	0.000034
Plesovice_1	21.11.2022	13283	17:50:17	41.014	7.1	-1.3	-1.33	0.99	0.016285	0.000136	0.000292	0.000001	0.282499	0.000070	0.000073	0.282487	0.000034	0.000036	*a*	0.282487	0.000036
Plesovice_2	21.11.2022	13283	18:11:38	41.003	7.6	-1.3	-1.33	0.97	0.013072	0.000106	0.000231	0.000001	0.282510	0.000068	0.000072	0.282498	0.000035	0.000037	*a*	0.282498	0.000037
Plesovice_3	21.11.2022	13283	18:34:26	41.035	7.8	-1.3	-1.31	0.98	0.015605	0.000105	0.000280	0.000001	0.282523	0.000065	0.000069	0.282494	0.000033	0.000035	*a*	0.282494	0.000035
Plesovice_4	21.11.2022	13283	18:57:13	41.011	8.0	-1.3	-1.40	1.04	0.012361	0.000070	0.000220	0.000001	0.282492	0.000068	0.000071	0.282491	0.000033	0.000035	*a*	0.282491	0.000035
Plesovice_10 (Copy 1) (Copy 1)	21.11.2022	13283	19:08:36	41.035	8.3	-1.3	-1.40	1.04	0.008604	0.000045	0.000145	0.000002	0.282456	0.000066	0.000069	0.282471	0.000032	0.000033	*a*	0.282471	0.000033
Plesovice_5	21.11.2022	13283	19:29:58	41.067	7.9	-1.3	-1.37	1.03	0.014718	0.000094	0.000260	0.000001	0.282499	0.000067	0.000070	0.282487	0.000032	0.000033	*a*	0.282487	0.000033
Plesovice_6	21.11.2022	13283	19:54:10	41.083	8.1	-1.3	-1.38	1.01	0.012922	0.000151	0.000222	0.000001	0.282493	0.000062	0.000065	0.282487	0.000033	0.000035	*a*	0.282487	0.000035
Plesovice_7	21.11.2022	13283	20:15:33	41.012	8.1	-1.3	-1.37	1.02	0.014065	0.000032	0.000246	0.000002	0.282477	0.000060	0.000063	0.282474	0.000032	0.000033	*a*	0.282474	0.000033

Plesovice_10 (Copy 1) (Copy 1) (Copy 1)	21.11.2022	13283	20:26:56	41.149	8.5	-1.4	-1.43	1.06	0.013459	0.000089	0.000233	0.000001	0.282457	0.000063	0.000066	0.282471	0.000033	0.000034	*a*	0.282471	0.000034
Plesovice_8	21.11.2022	13283	20:48:18	41.013	8.3	-1.4	-1.42	1.04	0.015725	0.000044	0.000273	0.000001	0.282473	0.000062	0.000066	0.282473	0.000030	0.000032	*a*	0.282473	0.000032
Plesovice_9	21.11.2022	13283	21:11:05	41.047	8.6	-1.4	-1.35	1.00	0.013310	0.000090	0.000238	0.000001	0.282492	0.000059	0.000061	0.282484	0.000030	0.000031	*a*	0.282484	0.000031
Plesovice_11	21.11.2022	13283	21:34:02	41.104	9.1	-1.4	-1.36	1.01	0.009847	0.000037	0.000167	0.000002	0.282476	0.000057	0.000060	0.282483	0.000031	0.000032	*a*	0.282483	0.000032
Plesovice_10 (Copy 2)	21.11.2022	13283	21:52:34	41.036	9.1	-1.4	-1.36	0.99	0.011837	0.000061	0.000206	0.000001	0.282482	0.000056	0.000059	0.282485	0.000030	0.000032	*a*	0.282485	0.000032
Plesovice_10 (Copy 1)	21.11.2022	13283	22:03:58	41.001	8.3	-1.4	-1.37	1.01	0.013948	0.000113	0.000247	0.000001	0.282485	0.000054	0.000056	0.282486	0.000028	0.000030	*a*	0.282486	0.000030

Secondary standards:

Standard	Analysis date	Sequence #	Analysis time	Selection duration (s)	Total Hf signal (V)	βHf	βYb	Xbeta	$^{176}Yb/^{177}Hf$	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_0$	2SE	Propagated 2SE	$^{176}Hf/^{177}Hf_0^{Xbeta}$	2SE	Propagated 2SE	^{176}Yb correction	$^{176}Hf/^{177}Hf_{report}$	**internal uncertainty**	**propagated uncertainty**
91500	14.02.2022	12849	18:01:03	38.0	5.1	-1.32	-1.54	1.17	0.009300	0.000073	0.000221	0.000003	0.282229	0.000106	0.000111	0.282276	0.000046	0.000048	*a*	0.282276	0.000046	0.000048
91500 (Copy 1)	14.02.2022	12849	18:37:43	38.0	5.9	-1.33	-1.51	1.18	0.009532	0.000056	0.000227	0.000001	0.282247	0.000092	0.000097	0.282298	0.000043	0.000045	*a*	0.282298	0.000043	0.000045
91500 (Copy 2)	14.02.2022	12849	19:14:25	38.1	6.3	-1.33	-1.26	0.93	0.009454	0.000055	0.000226	0.000001	0.282294	0.000086	0.000091	0.282301	0.000044	0.000046	*a*	0.282301	0.000044	0.000046
91500 (Copy 3)	14.02.2022	12849	19:49:45	38.0	6.3	-1.33	-1.39	1.07	0.010257	0.000066	0.000243	0.000001	0.282259	0.000086	0.000090	0.282281	0.000038	0.000040	*a*	0.282281	0.000038	0.000040
91500 (Copy 4)	14.02.2022	12849	20:26:26	38.0	6.5	-1.33	-1.57	1.22	0.009563	0.000053	0.000226	0.000001	0.282270	0.000082	0.000086	0.282311	0.000040	0.000042	*a*	0.282311	0.000040	0.000042
91500 (Copy 5)	14.02.2022	12849	21:03:08	38.1	6.4	-1.33	-1.42	1.08	0.009718	0.000056	0.000230	0.000001	0.282297	0.000085	0.000089	0.282317	0.000041	0.000043	*a*	0.282317	0.000041	0.000043
91500 (Copy 6)	14.02.2022	12849	21:39:50	38.0	6.4	-1.33	-1.46	1.07	0.009899	0.000049	0.000235	0.000001	0.282273	0.000085	0.000089	0.282307	0.000039	0.000041	*a*	0.282307	0.000039	0.000041
91500 (Copy 7)	14.02.2022	12849	22:13:55	38.0	6.4	-1.34	-1.41	1.05	0.010617	0.000066	0.000248	0.000001	0.282292	0.000083	0.000088	0.282314	0.000038	0.000040	*a*	0.282314	0.000038	0.000040
91500 (Copy 8)	14.02.2022	12849	22:38:30	38.0	6.4	-1.34	-1.41	1.05	0.010438	0.000066	0.000249	0.000001	0.282298	0.000079	0.000083	0.282315	0.000036	0.000038	*a*	0.282315	0.000036	0.000038
91500 (Copy 4)	21.02.2022	12859	11:30:06	38.1	4.9	-1.56	-1.48	0.99	0.012203	0.000102	0.000269	0.000002	0.282334	0.000100	0.000105	0.282363	0.000047	0.000049	*a*	0.282363	0.000047	0.000049
91500 (Copy 1)	21.02.2022	12859	12:11:13	38.0	5.1	-1.57	-1.55	1.01	0.010939	0.000081	0.000248	0.000002	0.282273	0.000103	0.000108	0.282334	0.000050	0.000052	*a*	0.282334	0.000050	0.000052
91500 (Copy 2)	21.02.2022	12859	12:45:35	38.0	4.9	-1.54	-1.43	0.93	0.012130	0.000110	0.000268	0.000002	0.282325	0.000109	0.000114	0.282354	0.000053	0.000055	*a*	0.282354	0.000053	0.000055
91500 (Copy 3)	21.02.2022	12859	13:21:17	38.0	5.0	-1.55	-1.38	0.89	0.011831	0.000106	0.000260	0.000002	0.282332	0.000111	0.000116	0.282350	0.000049	0.000051	*a*	0.282350	0.000049	0.000051
91500	21.02.2022	12859	13:56:58	38.0	4.7	-1.54	-1.54	0.99	0.008580	0.000108	0.000193	0.000003	0.282316	0.000105	0.000110	0.282351	0.000046	0.000049	*a*	0.282351	0.000046	0.000049
91500 (Copy 5)	21.02.2022	12859	14:32:40	38.1	5.1	-1.53	-1.63	1.07	0.011584	0.000124	0.000259	0.000002	0.282294	0.000104	0.000109	0.282340	0.000050	0.000053	*a*	0.282340	0.000050	0.000053
91500 (Copy 6)	21.02.2022	12859	15:06:59	38.1	5.2	-1.53	-1.41	0.93	0.011905	0.000106	0.000267	0.000002	0.282373	0.000100	0.000105	0.282367	0.000051	0.000053	*a*	0.282367	0.000051	0.000053
91500	20.03.2022	12876	18:09:17	39.2	4.2	-1.38	-1.47	1.06	0.013009	0.000095	0.000329	0.000001	0.282242	0.000119	0.000125	0.282275	0.000053	0.000056	*a*	0.282275	0.000053	0.000056
91500 (Copy 1)	20.03.2022	12876	18:30:59	39.2	4.0	-1.37	-1.48	1.02	0.013111	0.000096	0.000328	0.000001	0.282270	0.000127	0.000134	0.282300	0.000056	0.000059	*a*	0.282300	0.000056	0.000059
91500 (Copy 2)	20.03.2022	12876	19:07:35	39.3	4.4	-1.37	-1.16	0.84	0.009679	0.000236	0.000248	0.000007	0.282304	0.000111	0.000117	0.282299	0.000055	0.000058	*a*	0.282299	0.000055	0.000058
91500 (Copy 3)	20.03.2022	12876	19:44:12	39.3	4.5	-1.37	-1.37	1.04	0.009503	0.000232	0.000243	0.000007	0.282265	0.000119	0.000125	0.282310	0.000054	0.000057	*a*	0.282310	0.000054	0.000057
91500 (Copy 4)	20.03.2022	12876	20:20:48	39.4	5.0	-1.38	-1.54	1.11	0.010531	0.000191	0.000266	0.000006	0.282281	0.000098	0.000103	0.282297	0.000047	0.000049	*a*	0.282297	0.000047	0.000049
91500 (Copy 5)	20.03.2022	12876	20:57:27	39.4	4.8	-1.38	-1.45	1.05	0.009587	0.000236	0.000244	0.000007	0.282247	0.000105	0.000110	0.282276	0.000049	0.000051	*a*	0.282276	0.000049	0.000051
91500 (Copy 6)	20.03.2022	12876	21:34:05	39.4	4.8	-1.37	-1.49	1.10	0.013114	0.000089	0.000325	0.000001	0.282243	0.000106	0.000111	0.282287	0.000047	0.000049	*a*	0.282287	0.000047	0.000049
91500 (Copy 7)	20.03.2022	12876	22:10:44	39.5	5.7	-1.37	-1.47	1.06	0.008174	0.000061	0.000204	0.000001	0.282250	0.000093	0.000097	0.282290	0.000043	0.000045	*a*	0.282290	0.000043	0.000045
91500 (Copy 8)	20.03.2022	12876	22:47:26	39.4	5.0	-1.38	-1.53	1.10	0.013161	0.000080	0.000326	0.000001	0.282285	0.000100	0.000105	0.282314	0.000047	0.000050	*a*	0.282314	0.000047	0.000050

91500 (Copy 9)	20.03.2022	12876	23:22:48	39.6	5.1	-1.38	-1.28	0.94	0.013160	0.000084	0.000326	0.000001	0.282299	0.000101	0.000106	0.282303	0.000049	0.000052	*a*	0.282303	0.000049	0.000052
91500 (Copy 10)	20.03.2022	12876	23:55:13	26.7	5.2	-1.36	-1.37	1.08	0.013414	0.000108	0.000326	0.000001	0.282241	0.000110	0.000116	0.282261	0.000053	0.000056	*a*	0.282261	0.000053	0.000056
91500 (Copy 11)	21.03.2022	12876	00:25:11	32.4	4.9	-1.38	-1.63	1.17	0.012511	0.000075	0.000317	0.000002	0.282245	0.000119	0.000125	0.282307	0.000054	0.000056	*a*	0.282307	0.000054	0.000056
91500 (Copy 12)	21.03.2022	12876	00:52:48	26.7	5.0	-1.38	-1.56	1.13	0.012866	0.000093	0.000326	0.000001	0.282254	0.000119	0.000125	0.282267	0.000057	0.000060	*a*	0.282267	0.000057	0.000060
91500 (Copy 13)	21.03.2022	12876	01:18:55	27.8	4.9	-1.40	-1.43	0.98	0.010248	0.000223	0.000263	0.000006	0.282295	0.000116	0.000122	0.282328	0.000050	0.000053	*a*	0.282328	0.000050	0.000053
91500 (Copy 14)	21.03.2022	12876	01:43:31	26.6	5.1	-1.38	-1.23	0.91	0.010294	0.000231	0.000255	0.000007	0.282307	0.000129	0.000135	0.282315	0.000058	0.000061	*a*	0.282315	0.000058	0.000061
91500 (Copy 15)	21.03.2022	12876	02:07:24	26.7	5.2	-1.38	-1.20	0.88	0.009554	0.000270	0.000237	0.000008	0.282324	0.000116	0.000121	0.282318	0.000057	0.000060	*a*	0.282318	0.000057	0.000060
91500 (Copy 16)	21.03.2022	12876	02:30:01	21.0	5.2	-1.39	-1.31	0.93	0.010195	0.000213	0.000258	0.000007	0.282285	0.000133	0.000139	0.282294	0.000059	0.000062	*a*	0.282294	0.000059	0.000062
91500 (Copy 17)	21.03.2022	12876	02:51:46	14.5	5.7	-1.39	-1.22	0.88	0.007268	0.000074	0.000186	0.000002	0.282304	0.000152	0.000159	0.282287	0.000080	0.000084	*a*	0.282287	0.000080	0.000084
91500 (Copy 18)	21.03.2022	12876	03:12:28	17.1	5.3	-1.40	-1.48	1.05	0.011721	0.000119	0.000297	0.000005	0.282285	0.000146	0.000153	0.282309	0.000075	0.000079	*a*	0.282309	0.000075	0.000079
91500 (Copy 19)	21.03.2022	12876	03:32:41	18.2	5.3	-1.39	-1.55	1.11	0.012768	0.000079	0.000325	0.000002	0.282262	0.000121	0.000127	0.282298	0.000061	0.000064	*a*	0.282298	0.000061	0.000064
91500 (Copy 20)	21.03.2022	12876	03:52:13	14.6	5.4	-1.39	-1.36	0.93	0.012890	0.000062	0.000323	0.000002	0.282343	0.000147	0.000155	0.282327	0.000063	0.000067	*a*	0.282327	0.000063	0.000067
91500 (Copy 21)	21.03.2022	12876	04:11:08	18.5	5.3	-1.40	-1.44	1.03	0.011891	0.000134	0.000306	0.000005	0.282301	0.000140	0.000147	0.282323	0.000067	0.000070	*a*	0.282323	0.000067	0.000070
91500 (Copy 22)	21.03.2022	12876	04:29:28	12.9	5.5	-1.40	-1.41	1.02	0.011539	0.000232	0.000291	0.000008	0.282269	0.000154	0.000162	0.282293	0.000074	0.000078	*a*	0.282293	0.000074	0.000078
91500 (Copy 23)	21.03.2022	12876	04:47:17	14.5	5.5	-1.40	-1.41	1.00	0.012435	0.000072	0.000307	0.000005	0.282349	0.000157	0.000165	0.282368	0.000076	0.000080	*a*	0.282368	0.000076	0.000080
91500 (Copy 24)	21.03.2022	12876	05:04:26	18.4	5.6	-1.39	-1.32	0.96	0.013238	0.000153	0.000326	0.000001	0.282303	0.000147	0.000155	0.282293	0.000066	0.000070	*a*	0.282293	0.000066	0.000070
91500 (Copy 25)	21.03.2022	12876	05:22:36	18.6	5.6	-1.39	-1.39	1.00	0.013352	0.000139	0.000326	0.000001	0.282227	0.000147	0.000154	0.282247	0.000071	0.000074	*a*	0.282247	0.000071	0.000074
91500	23.09.2022	13154	12:26:42	41.0	6.6	1.47	-1.27	6.57	0.000321	0.000005	0.282292	0.000035	-1.419306	0.261848	0.274940	0.282288	0.000035	0.000036	*a*	0.282288	0.000035	0.000036
91500 (Copy 1)	23.09.2022	13154	13:24:00	41.0	6.6	1.47	-1.25	6.53	0.000287	0.000007	0.282306	0.000038	-1.239722	0.326448	0.342770	0.282301	0.000038	0.000039	*a*	0.282301	0.000038	0.000039
91500 (Copy 3)	23.09.2022	13154	14:38:51	41.1	6.8	1.47	-1.24	6.79	0.000280	0.000008	0.282297	0.000036	-1.097743	0.350811	0.368352	0.282289	0.000036	0.000037	*a*	0.282289	0.000036	0.000037
91500	23.09.2022	13154	16:05:19	41.0	6.8	1.47	-1.23	6.73	0.000345	0.000001	0.282298	0.000033	-1.290059	0.260172	0.273181	0.282288	0.000033	0.000035	*a*	0.282288	0.000033	0.000035
91500	22.09.2022	13152	12:35:50	41.1	7.1	-1.33	-1.32	1.01	0.013431	0.000104	0.000355	0.000001	0.282275	0.000072	0.000076	0.282288	0.000036	0.000037	*a*	0.282288	0.000036	0.000037
91500 (Copy 1)	22.09.2022	13152	13:33:06	41.0	7.0	-1.32	-1.33	1.02	0.013314	0.000103	0.000353	0.000001	0.282312	0.000075	0.000079	0.282314	0.000036	0.000038	*a*	0.282314	0.000036	0.000038
91500 (Copy 3)	22.09.2022	13152	14:49:08	41.0	7.0	-1.30	-1.41	1.08	0.013365	0.000107	0.000353	0.000001	0.282281	0.000070	0.000074	0.282296	0.000034	0.000036	*a*	0.282296	0.000034	0.000036
91500	26.09.2022	13156	14:23:02	41.0	5.6	-1.18	-1.27	1.07	0.010769	0.000103	0.000315	0.000001	0.282311	0.000098	0.000103	0.282327	0.000045	0.000047	*a*	0.282327	0.000045	0.000047
91500 (Copy 1)	26.09.2022	13156	15:36:37	41.3	5.6	-1.12	-1.30	1.18	0.010509	0.000087	0.000313	0.000001	0.282257	0.000100	0.000105	0.282309	0.000046	0.000049	*a*	0.282309	0.000046	0.000049
91500 (Copy 2)	26.09.2022	13156	16:44:27	41.0	5.5	-1.10	-1.26	1.15	0.010312	0.000071	0.000311	0.000001	0.282259	0.000091	0.000095	0.282298	0.000040	0.000042	*a*	0.282298	0.000040	0.000042
91500	27.09.2022	13158	11:32:24	41.0	7.8	-1.30	-1.45	1.10	0.011350	0.000100	0.000299	0.000001	0.282268	0.000069	0.000072	0.282297	0.000030	0.000032	*a*	0.282297	0.000030	0.000032
91500 (Copy 1)	27.09.2022	13158	12:35:50	41.0	7.9	-1.28	-1.24	0.97	0.011138	0.000092	0.000296	0.000001	0.282352	0.000064	0.000067	0.282338	0.000032	0.000034	*a*	0.282338	0.000032	0.000034
91500 (Copy 2)	27.09.2022	13158	13:40:44	41.1	7.9	-1.26	-1.32	1.05	0.010852	0.000060	0.000290	0.000001	0.282301	0.000068	0.000072	0.282311	0.000033	0.000035	*a*	0.282311	0.000033	0.000035

91500	27.09.2022	13160	16:10:19	41.2	7.7	-1.29	-1.29	1.00	0.008800	0.000140	0.000225	0.000004	0.282303	0.000060	0.000063	0.282290	0.000031	0.000033	*a*	0.282290	0.000031	0.000033
91500 (Copy 1)	27.09.2022	13160	17:23:53	41.1	8.3	-1.29	-1.41	1.09	0.008432	0.000049	0.000215	0.000001	0.282291	0.000065	0.000068	0.282317	0.000031	0.000032	*a*	0.282317	0.000031	0.000032
91500 (Copy 2)	27.09.2022	13160	18:28:18	41.0	8.4	-1.28	-1.31	1.00	0.008658	0.000057	0.000222	0.000001	0.282280	0.000060	0.000063	0.282283	0.000032	0.000033	*a*	0.282283	0.000032	0.000033
91500	11.10.2022	13231	11:23:13	41.0	7.8	-1.37	-1.35	0.99	0.008847	0.000072	0.000237	0.000001	0.282298	0.000068	0.000072	0.282300	0.000033	0.000034	*a*	0.282300	0.000033	0.000034
91500 (Copy 1)	11.10.2022	13231	12:06:15	41.0	7.8	-1.36	-1.34	1.03	0.008328	0.000080	0.000223	0.000001	0.282289	0.000061	0.000064	0.282295	0.000032	0.000034	*a*	0.282295	0.000032	0.000034
91500 (Copy 2)	11.10.2022	13231	12:49:18	41.0	8.0	-1.35	-1.29	0.98	0.008380	0.000073	0.000227	0.000001	0.282302	0.000062	0.000065	0.282309	0.000031	0.000032	*a*	0.282309	0.000031	0.000032
91500 (Copy 2) (Copy 1)	11.10.2022	13231	13:32:22	41.0	8.3	-1.34	-1.35	0.98	0.008152	0.000074	0.000223	0.000001	0.282320	0.000064	0.000067	0.282332	0.000030	0.000031	*a*	0.282332	0.000030	0.000031
91500	11.10.2022	13232	14:42:30	41.1	8.1	-1.32	-1.35	0.99	0.008672	0.000052	0.000237	0.000001	0.282297	0.000065	0.000068	0.282308	0.000031	0.000033	*a*	0.282308	0.000031	0.000033
91500 (Copy 1)	11.10.2022	13232	15:41:21	41.1	8.3	-1.33	-1.40	1.06	0.008340	0.000057	0.000228	0.000001	0.282289	0.000061	0.000064	0.282307	0.000031	0.000032	*a*	0.282307	0.000031	0.000032
91500 (Copy 2)	11.10.2022	13232	16:40:14	41.1	8.1	-1.32	-1.45	1.11	0.008141	0.000072	0.000221	0.000001	0.282290	0.000061	0.000064	0.282316	0.000030	0.000032	*a*	0.282316	0.000030	0.000032
91500 (Copy 2) (Copy 1)	11.10.2022	13232	17:37:31	41.0	8.3	-1.32	-1.40	1.05	0.008320	0.000060	0.000228	0.000001	0.282275	0.000061	0.000064	0.282306	0.000030	0.000031	*a*	0.282306	0.000030	0.000031
91500 (Copy 2) (Copy 1)	11.10.2022	13232	18:34:48	41.1	8.3	-1.31	-1.28	0.98	0.008046	0.000060	0.000224	0.000001	0.282322	0.000062	0.000065	0.282336	0.000031	0.000033	*a*	0.282336	0.000031	0.000033
91500	13.10.2022	13239	11:39:16	41.0	7.4	-1.37	-1.50	1.09	0.008381	0.000063	0.000225	0.000001	0.282254	0.000067	0.000070	0.282284	0.000034	0.000035	*a*	0.282284	0.000034	0.000035
91500 (Copy 2)	13.10.2022	13239	12:37:49	41.0	8.1	-1.36	-1.32	0.98	0.008053	0.000060	0.000222	0.000001	0.282301	0.000059	0.000062	0.282302	0.000030	0.000031	*a*	0.282302	0.000030	0.000031
91500 (Copy 1) (Copy 1)	13.10.2022	13239	13:30:42	41.2	8.2	-1.35	-1.37	1.01	0.007975	0.000067	0.000221	0.000001	0.282302	0.000058	0.000061	0.282310	0.000030	0.000032	*a*	0.282310	0.000030	0.000032
91500 (Copy 1) (Copy 1)	13.10.2022	13239	14:29:22	41.0	8.3	-1.34	-1.35	1.01	0.007955	0.000070	0.000223	0.000001	0.282298	0.000063	0.000066	0.282309	0.000033	0.000035	*a*	0.282309	0.000033	0.000035
91500 (Copy 1)	13.10.2022	13239	15:28:02	41.1	8.0	-1.33	-1.29	0.97	0.007835	0.000052	0.000220	0.000001	0.282280	0.000067	0.000071	0.282284	0.000033	0.000035	*a*	0.282284	0.000033	0.000035
91500	13.10.2022	13240	16:09:13	41.0	7.6	-1.31	-1.43	1.10	0.007747	0.000081	0.000211	0.000001	0.282253	0.000068	0.000071	0.282294	0.000035	0.000037	*a*	0.282294	0.000035	0.000037
91500 (Copy 2)	13.10.2022	13240	17:06:22	41.0	7.8	-1.32	-1.35	1.01	0.007708	0.000068	0.000214	0.000001	0.282300	0.000065	0.000068	0.282327	0.000034	0.000036	*a*	0.282327	0.000034	0.000036
91500 (Copy 1) (Copy 1)	13.10.2022	13240	18:04:54	41.0	7.9	-1.32	-1.38	1.03	0.007895	0.000079	0.000220	0.000001	0.282294	0.000062	0.000065	0.282306	0.000033	0.000035	*a*	0.282306	0.000033	0.000035
91500 (Copy 1) (Copy 1)	13.10.2022	13240	18:59:12	41.0	8.0	-1.32	-1.46	1.10	0.007942	0.000060	0.000222	0.000001	0.282310	0.000063	0.000066	0.282334	0.000033	0.000035	*a*	0.282334	0.000033	0.000035
91500 (Copy 1)	13.10.2022	13240	19:54:53	41.1	7.7	-1.31	-1.18	0.90	0.007707	0.000065	0.000214	0.000001	0.282326	0.000071	0.000075	0.282313	0.000036	0.000037	*a*	0.282313	0.000036	0.000037
91500	24.10.2022	13256	18:27:20	41.0	6.6	-1.45	-1.52	1.04	0.007898	0.000063	0.000209	0.000001	0.282293	0.000074	0.000078	0.282304	0.000036	0.000037	*a*	0.282304	0.000036	0.000037
91500 (Copy 2)	24.10.2022	13256	19:09:00	41.2	6.8	-1.45	-1.46	1.00	0.007936	0.000055	0.000211	0.000001	0.282331	0.000072	0.000076	0.282343	0.000036	0.000038	*a*	0.282343	0.000036	0.000038
91500 (Copy 1)	24.10.2022	13256	20:02:12	41.0	7.0	-1.44	-1.39	0.95	0.007487	0.000087	0.000198	0.000001	0.282330	0.000073	0.000077	0.282327	0.000037	0.000039	*a*	0.282327	0.000037	0.000039
91500 (Copy 2) (Copy 1)	24.10.2022	13256	20:42:28	41.0	7.2	-1.44	-1.58	1.11	0.007536	0.000077	0.000200	0.000001	0.282259	0.000069	0.000073	0.282283	0.000034	0.000036	*a*	0.282283	0.000034	0.000036
91500 (Copy 2)	26.10.2022	13265	11:09:39	41.0	6.5	-1.39	-1.41	1.00	0.006388	0.000049	0.000173	0.000001	0.282294	0.000079	0.000083	0.282314	0.000038	0.000040	*a*	0.282314	0.000038	0.000040
91500	26.10.2022	13265	12:12:52	41.0	6.8	-1.38	-1.59	1.15	0.007426	0.000112	0.000210	0.000004	0.282265	0.000071	0.000075	0.282296	0.000036	0.000038	*a*	0.282296	0.000036	0.000038
91500 (Copy 1)	26.10.2022	13265	13:16:09	41.1	7.0	-1.37	-1.55	1.13	0.008704	0.000060	0.000244	0.000003	0.282258	0.000073	0.000077	0.282288	0.000038	0.000039	*a*	0.282288	0.000038	0.000039
91500 (Copy 1)	26.10.2022	13265	14:17:45	41.0	6.9	-1.37	-1.34	0.99	0.011174	0.000069	0.000318	0.000001	0.282299	0.000074	0.000078	0.282304	0.000036	0.000038	*a*	0.282304	0.000036	0.000038
91500 (Copy 2)	26.10.2022	13266	15:13:27	41.0	8.0	-1.37	-1.49	1.08	0.005584	0.000052	0.000153	0.000001	0.282270	0.000065	0.000068	0.282298	0.000033	0.000034	*a*	0.282298	0.000033	0.000034
91500	26.10.2022	13266	16:15:05	41.2	7.9	-1.37	-1.37	1.01	0.005508	0.000034	0.000156	0.000001	0.282298	0.000063	0.000066	0.282302	0.000034	0.000035	*a*	0.282302	0.000034	0.000035

91500 (Copy 1)	26.10.2022	13266	17:16:45	41.0	7.5	-1.37	-1.44	1.05	0.005896	0.000027	0.000165	0.000001	0.282265	0.000068	0.000072	0.282292	0.000032	0.000034	*a*	0.282292	0.000032	0.000034
91500 (Copy 1)	26.10.2022	13266	18:18:25	41.0	7.2	-1.37	-1.13	0.82	0.006091	0.000041	0.000173	0.000001	0.282333	0.000070	0.000073	0.282320	0.000036	0.000038	*a*	0.282320	0.000036	0.000038
91500 (Copy 1) (Copy 1)	26.10.2022	13266	19:20:25	41.1	7.1	-1.36	-1.37	1.01	0.006167	0.000041	0.000173	0.000001	0.282295	0.000067	0.000070	0.282312	0.000036	0.000037	*a*	0.282312	0.000036	0.000037
91500 (Copy 2)	27.10.2022	13268	11:14:13	41.1	6.6	-1.41	-1.56	1.11	0.011745	0.000088	0.000323	0.000001	0.282250	0.000079	0.000083	0.282282	0.000039	0.000041	*a*	0.282282	0.000039	0.000041
91500	27.10.2022	13268	12:16:12	41.0	6.9	-1.39	-1.38	0.99	0.011422	0.000080	0.000322	0.000001	0.282304	0.000071	0.000075	0.282307	0.000036	0.000038	*a*	0.282307	0.000036	0.000038
91500 (Copy 1)	27.10.2022	13268	13:18:11	41.1	6.8	-1.38	-1.29	0.93	0.011465	0.000090	0.000322	0.000001	0.282326	0.000074	0.000078	0.282301	0.000035	0.000037	*a*	0.282301	0.000035	0.000037
91500 (Copy 1)	27.10.2022	13268	14:20:08	41.0	6.8	-1.38	-1.49	1.09	0.011290	0.000083	0.000321	0.000001	0.282285	0.000072	0.000076	0.282311	0.000036	0.000038	*a*	0.282311	0.000036	0.000038
91500	21.11.2022	13283	17:41:44	41.1	4.1	-1.34	-1.52	1.16	0.009873	0.000078	0.000250	0.000001	0.282228	0.000121	0.000127	0.282295	0.000056	0.000059	*a*	0.282295	0.000056	0.000059
91500 (Copy 1)	21.11.2022	13283	19:00:03	41.0	4.1	-1.34	-1.45	1.10	0.010028	0.000086	0.000252	0.000001	0.282263	0.000115	0.000121	0.282299	0.000053	0.000055	*a*	0.282299	0.000053	0.000055
91500 (Copy 1) (Copy 1)	21.11.2022	13283	20:18:23	41.1	4.4	-1.34	-1.28	0.97	0.010268	0.000070	0.000261	0.000001	0.282293	0.000109	0.000115	0.282300	0.000052	0.000054	*a*	0.282300	0.000052	0.000054
91500 (Copy 1) (Copy 1) (Copy 1)	21.11.2022	13283	21:55:25	41.1	4.4	-1.36	-1.37	1.00	0.010285	0.000070	0.000261	0.000001	0.282247	0.000110	0.000116	0.282279	0.000057	0.000060	*a*	0.282279	0.000057	0.000060

Mud Tank	14.02.2022	12849	18:02:29	38.0	9.1	-1.33	-2.56	1.96	0.000898	0.000021	0.000018	0.000001	0.282292	0.000098	0.000103	0.282527	0.000030	0.000032	*a*	0.282527	0.000030	0.000032
Mud Tank (Copy 1)	14.02.2022	12849	18:39:10	38.0	9.7	-1.34	-5.03	3.76	0.000894	0.000016	0.000019	0.000001	0.282396	0.000054	0.000056	0.282523	0.000028	0.000029	*a*	0.282523	0.000028	0.000029
Mud Tank (Copy 2)	14.02.2022	12849	19:15:51	38.0	10.1	-1.34	-3.33	2.73	0.000728	0.000017	0.000015	0.000000	0.282322	0.000078	0.000082	0.282518	0.000027	0.000028	*a*	0.282518	0.000027	0.000028
Mud Tank (Copy 3)	14.02.2022	12849	19:51:11	38.3	10.1	-1.34	-2.56	1.92	0.000887	0.000017	0.000018	0.000001	0.282369	0.000066	0.000069	0.282516	0.000027	0.000029	*a*	0.282516	0.000027	0.000029
Mud Tank (Copy 4)	14.02.2022	12849	20:27:52	38.0	10.1	-1.34	-2.83	2.12	0.000906	0.000016	0.000018	0.000000	0.282342	0.000073	0.000076	0.282502	0.000027	0.000028	*a*	0.282502	0.000027	0.000028
Mud Tank (Copy 5)	14.02.2022	12849	21:04:35	38.0	10.1	-1.35	-2.21	1.64	0.001204	0.000014	0.000024	0.000001	0.282447	0.000058	0.000061	0.282534	0.000027	0.000028	*a*	0.282534	0.000027	0.000028
Mud Tank (Copy 6)	14.02.2022	12849	21:41:17	38.2	10.2	-1.34	-2.60	1.92	0.000824	0.000016	0.000017	0.000000	0.282364	0.000070	0.000074	0.282518	0.000029	0.000030	*a*	0.282518	0.000029	0.000030
Mud Tank (Copy 7)	14.02.2022	12849	22:15:21	38.0	10.1	-1.35	-4.37	3.25	0.000900	0.000017	0.000018	0.000001	0.282358	0.000067	0.000070	0.282511	0.000029	0.000031	*a*	0.282511	0.000029	0.000031
Mud Tank (Copy 8)	14.02.2022	12849	22:39:56	38.0	10.3	-1.35	-3.03	2.29	0.000864	0.000016	0.000018	0.000001	0.282381	0.000068	0.000072	0.282522	0.000027	0.000028	*a*	0.282522	0.000027	0.000028
Mud Tank (Copy 4)	21.02.2022	12859	11:28:39	38.0	7.6	-1.55	-5.87	4.35	0.000606	0.000021	0.000011	0.000001	0.282192	0.000113	0.000118	0.282555	0.000032	0.000034	*a*	0.282555	0.000032	0.000034
Mud Tank	21.02.2022	12859	12:09:46	38.0	7.9	-1.56	-2.68	1.70	0.000545	0.000019	0.000010	0.000001	0.282102	0.000154	0.000161	0.282564	0.000032	0.000034	*a*	0.282564	0.000032	0.000034
Mud Tank (Copy 2)	21.02.2022	12859	12:44:08	38.1	7.9	-1.55	-3.91	2.47	0.000593	0.000020	0.000011	0.000001	0.282154	0.000135	0.000142	0.282557	0.000031	0.000032	*a*	0.282557	0.000031	0.000032
Mud Tank (Copy 3)	21.02.2022	12859	13:19:51	38.0	8.2	-1.55	-1.83	1.14	0.000627	0.000020	0.000012	0.000001	0.282212	0.000137	0.000144	0.282571	0.000031	0.000032	*a*	0.282571	0.000031	0.000032
Mud Tank (Copy 1)	21.02.2022	12859	13:55:31	38.1	7.7	-1.54	-6.13	3.98	0.000648	0.000022	0.000012	0.000001	0.281957	0.000225	0.000237	0.282564	0.000033	0.000035	*a*	0.282564	0.000033	0.000035
Mud Tank (Copy 5)	21.02.2022	12859	14:31:13	38.0	8.0	-1.53	-4.65	3.13	0.000641	0.000019	0.000012	0.000001	0.282175	0.000120	0.000126	0.282539	0.000035	0.000037	*a*	0.282539	0.000035	0.000037
Mud Tank (Copy 7)	21.02.2022	12859	15:05:33	38.0	8.5	-1.53	-0.98	0.58	0.000512	0.000019	0.000010	0.000001	0.281311	0.000861	0.000904	0.282562	0.000029	0.000030	*a*	0.282562	0.000029	0.000030
MudTank	20.03.2022	12876	18:10:39	39.6	8.3	-1.38	-3.36	2.42	0.000774	0.000020	0.000016	0.000001	0.282123	0.000277	0.000291	0.282503	0.000032	0.000034	*a*	0.282503	0.000032	0.000034

MudTank (Copy 1)	20.03.2022	12876	18:32:20	39.7	7.9	-1.37	-1.95	1.42	0.001037	0.000020	0.000022	0.000001	0.282358	0.000077	0.000080	0.282504	0.000032	0.000033	*a*	0.282504	0.000032	0.000033
MudTank (Copy 2)	20.03.2022	12876	19:08:56	39.7	8.6	-1.37	-1.78	1.71	0.000831	0.000018	0.000018	0.000001	0.282384	0.000063	0.000066	0.282515	0.000030	0.000031	*a*	0.282515	0.000030	0.000031
MudTank (Copy 3)	20.03.2022	12876	19:45:33	39.8	9.0	-1.38	-1.18	0.80	0.000890	0.000019	0.000019	0.000001	0.282327	0.000078	0.000082	0.282503	0.000028	0.000029	*a*	0.282503	0.000028	0.000029
MudTank (Copy 4)	20.03.2022	12876	20:22:09	39.8	9.0	-1.37	-2.95	1.96	0.000808	0.000018	0.000017	0.000001	0.282252	0.000087	0.000091	0.282490	0.000028	0.000030	*a*	0.282490	0.000028	0.000030
MudTank (Copy 5)	20.03.2022	12876	20:58:48	39.8	9.0	-1.37	-3.75	2.36	0.000770	0.000017	0.000016	0.000001	0.282326	0.000077	0.000080	0.282511	0.000031	0.000032	*a*	0.282511	0.000031	0.000032
MudTank (Copy 6)	20.03.2022	12876	21:35:26	39.7	9.1	-1.37	-2.57	1.85	0.000837	0.000020	0.000017	0.000001	0.282312	0.000074	0.000077	0.282498	0.000029	0.000030	*a*	0.282498	0.000029	0.000030
MudTank (Copy 7)	20.03.2022	12876	22:12:05	39.6	9.3	-1.37	-2.69	2.00	0.000760	0.000016	0.000016	0.000001	0.282295	0.000084	0.000088	0.282526	0.000029	0.000030	*a*	0.282526	0.000029	0.000030
MudTank (Copy 8)	20.03.2022	12876	22:48:47	39.6	9.5	-1.38	-3.21	2.37	0.000671	0.000018	0.000014	0.000000	0.282115	0.000140	0.000147	0.282492	0.000029	0.000030	*a*	0.282492	0.000029	0.000030
MudTank (Copy 9)	20.03.2022	12876	23:24:09	26.9	9.8	-1.37	-3.01	2.23	0.000745	0.000023	0.000015	0.000001	0.282288	0.000149	0.000157	0.282519	0.000033	0.000035	*a*	0.282519	0.000033	0.000035
MudTank (Copy 10)	20.03.2022	12876	23:56:21	26.9	9.9	-1.37	-3.45	2.47	0.000665	0.000018	0.000014	0.000001	0.282274	0.000092	0.000096	0.282490	0.000034	0.000036	*a*	0.282490	0.000034	0.000036
MudTank (Copy 11)	21.03.2022	12876	00:26:12	26.9	9.9	-1.37	-3.28	2.06	0.000886	0.000017	0.000018	0.000001	0.282405	0.000066	0.000069	0.282517	0.000033	0.000035	*a*	0.282517	0.000033	0.000035
MudTank (Copy 12)	21.03.2022	12876	00:53:43	27.0	9.7	-1.38	-1.92	1.40	0.000747	0.000020	0.000016	0.000001	0.282360	0.000080	0.000083	0.282504	0.000037	0.000039	*a*	0.282504	0.000037	0.000039
MudTank (Copy 13)	21.03.2022	12876	01:19:55	26.9	9.2	-1.39	-2.45	1.47	0.000764	0.000019	0.000017	0.000001	0.282354	0.000082	0.000086	0.282496	0.000034	0.000036	*a*	0.282496	0.000034	0.000036
MudTank (Copy 14)	21.03.2022	12876	01:44:27	26.8	9.4	-1.39	-1.25	0.87	0.000853	0.000019	0.000018	0.000001	0.282388	0.000073	0.000077	0.282503	0.000035	0.000036	*a*	0.282503	0.000035	0.000036
MudTank (Copy 15)	21.03.2022	12876	02:08:19	26.4	9.6	-1.39	-2.60	1.78	0.000710	0.000017	0.000015	0.000001	0.282379	0.000071	0.000075	0.282516	0.000034	0.000036	*a*	0.282516	0.000034	0.000036
MudTank (Copy 16)	21.03.2022	12876	02:30:44	26.3	10.0	-1.39	-1.37	0.87	0.000720	0.000018	0.000015	0.000001	0.282368	0.000081	0.000085	0.282507	0.000036	0.000038	*a*	0.282507	0.000036	0.000038
MudTank (Copy 17)	21.03.2022	12876	02:52:29	23.8	9.7	-1.39	-2.61	1.80	0.000658	0.000020	0.000014	0.000001	0.282226	0.000213	0.000224	0.282529	0.000037	0.000039	*a*	0.282529	0.000037	0.000039
MudTank (Copy 18)	21.03.2022	12876	03:13:11	22.7	10.0	-1.39	-2.90	1.84	0.000763	0.000024	0.000016	0.000001	0.282411	0.000071	0.000075	0.282495	0.000036	0.000038	*a*	0.282495	0.000036	0.000038
MudTank (Copy 19)	21.03.2022	12876	03:33:27	15.8	10.2	-1.39	-1.41	0.73	0.000796	0.000024	0.000017	0.000001	0.282395	0.000088	0.000093	0.282483	0.000046	0.000048	*a*	0.282483	0.000046	0.000048
MudTank (Copy 20)	21.03.2022	12876	03:52:56	14.3	10.5	-1.40	-0.53	0.29	0.000671	0.000026	0.000014	0.000001	0.282423	0.000094	0.000098	0.282525	0.000042	0.000044	*a*	0.282525	0.000042	0.000044
MudTank (Copy 21)	21.03.2022	12876	04:11:47	20.2	10.2	-1.40	-2.05	1.50	0.000823	0.000020	0.000017	0.000001	0.282375	0.000081	0.000085	0.282510	0.000035	0.000037	*a*	0.282510	0.000035	0.000037
MudTank (Copy 22)	21.03.2022	12876	04:30:09	16.6	9.8	-1.39	-2.42	1.71	0.000833	0.000025	0.000018	0.000001	0.282339	0.000100	0.000105	0.282472	0.000041	0.000043	*a*	0.282472	0.000041	0.000043
MudTank (Copy 23)	21.03.2022	12876	04:47:58	15.8	9.9	-1.39	-1.80	1.40	0.000771	0.000027	0.000017	0.000001	0.282377	0.000157	0.000165	0.282496	0.000052	0.000054	*a*	0.282496	0.000052	0.000054
MudTank (Copy 24)	21.03.2022	12876	05:05:09	14.3	10.1	-1.40	-2.37	1.53	0.000682	0.000028	0.000015	0.000001	0.282213	0.000173	0.000182	0.282458	0.000060	0.000064	*a*	0.282458	0.000060	0.000064
MudTank (Copy 25)	21.03.2022	12876	05:23:18	14.1	10.2	-1.41	-3.94	3.53	0.000714	0.000027	0.000016	0.000001	0.282262	0.000152	0.000159	0.282501	0.000053	0.000055	*a*	0.282501	0.000053	0.000055
MudTank	23.09.2022	13154	12:21:01	41.0	11.8	1.47	-1.28	11.87	0.000022	0.000000	0.282505	0.000024	-2.580030	1.841736	1.933823	0.282502	0.000024	0.000025	*a*	0.282502	0.000024	0.000025
MudTank (Copy 1)	23.09.2022	13154	13:18:19	41.0	12.0	1.47	-1.26	12.12	0.000022	0.000000	0.282522	0.000024	-2.209376	2.019318	2.120284	0.282517	0.000024	0.000025	*a*	0.282517	0.000024	0.000025
MudTank (Copy 2)	23.09.2022	13154	14:33:10	41.0	12.7	1.47	-1.25	12.76	0.000019	0.000000	0.282533	0.000021	0.240617	1.977170	2.076029	0.282526	0.000021	0.000022	*a*	0.282526	0.000021	0.000022
MudTank	23.09.2022	13154	15:59:38	41.2	12.4	1.47	-1.23	12.54	0.000004	0.000000	0.282539	0.000021	6.720055	9.249438	9.711910	0.282529	0.000021	0.000022	*a*	0.282529	0.000021	0.000022
MudTank	22.09.2022	13152	12:30:09	41.1	12.2	-1.34	-0.02	0.02	0.001145	0.000015	0.000024	0.000000	0.282491	0.000043	0.000045	0.282519	0.000023	0.000024	*a*	0.282519	0.000023	0.000024
MudTank (Copy 1)	22.09.2022	13152	13:27:25	41.1	11.8	-1.32	-1.21	0.88	0.000977	0.000015	0.000020	0.000000	0.282486	0.000042	0.000044	0.282535	0.000023	0.000024	*a*	0.282535	0.000023	0.000024

MudTank (Copy 2)	22.09.2022	13152	14:43:27	41.0	12.0	-1.31	-2.50	2.06	0.000872	0.000017	0.000018	0.000000	0.282445	0.000046	0.000048	0.282514	0.000022	0.000023	*a*	0.282514	0.000022	0.000023
MudTank	26.09.2022	13156	14:17:21	41.0	9.7	-1.18	-1.74	1.59	0.000952	0.000021	0.000022	0.000001	0.282409	0.000060	0.000063	0.282538	0.000026	0.000027	*a*	0.282538	0.000026	0.000027
MudTank (Copy 1)	26.09.2022	13156	15:30:56	41.0	9.8	-1.12	-3.58	3.22	0.000931	0.000016	0.000022	0.000001	0.282318	0.000077	0.000081	0.282506	0.000027	0.000028	*a*	0.282506	0.000027	0.000028
MudTank (Copy 3)	26.09.2022	13156	16:38:46	41.1	9.4	-1.10	-3.05	2.75	0.001007	0.000020	0.000024	0.000001	0.282338	0.000069	0.000072	0.282501	0.000028	0.000029	*a*	0.282501	0.000028	0.000029
MudTank	27.09.2022	13158	11:26:43	41.2	14.0	-1.31	-0.93	0.70	0.001271	0.000044	0.000027	0.000001	0.282523	0.000038	0.000040	0.282547	0.000020	0.000021	*a*	0.282547	0.000020	0.000021
MudTank (Copy 1)	27.09.2022	13158	12:30:09	41.0	14.0	-1.28	-2.04	1.49	0.001259	0.000044	0.000027	0.000001	0.282477	0.000038	0.000040	0.282520	0.000021	0.000022	*a*	0.282520	0.000021	0.000022
MudTank (Copy 3)	27.09.2022	13158	13:35:03	41.1	13.9	-1.26	-0.77	0.48	0.001242	0.000042	0.000026	0.000001	0.282498	0.000040	0.000042	0.282520	0.000021	0.000022	*a*	0.282520	0.000021	0.000022
MudTank	27.09.2022	13160	16:04:38	41.0	13.5	-1.29	-2.39	1.88	0.000707	0.000012	0.000015	0.000000	0.282472	0.000041	0.000043	0.282537	0.000020	0.000022	*a*	0.282537	0.000020	0.000022
MudTank (Copy 1)	27.09.2022	13160	17:18:12	41.0	13.2	-1.29	-2.64	1.85	0.000732	0.000012	0.000016	0.000000	0.282442	0.000047	0.000049	0.282527	0.000020	0.000021	*a*	0.282527	0.000020	0.000021
MudTank (Copy 3)	27.09.2022	13160	18:22:37	41.0	13.3	-1.29	-2.04	1.59	0.000794	0.000012	0.000017	0.000000	0.282459	0.000042	0.000045	0.282517	0.000021	0.000022	*a*	0.282517	0.000021	0.000022
Mudtank	11.10.2022	13131	11:17:32	41.0	10.9	-1.36	-1.53	1.10	0.000983	0.000015	0.000022	0.000000	0.282427	0.000052	0.000055	0.282510695	2.53E-05	0.000027	*a*	0.282511	0.000025	0.000027
Mudtank (Copy 1)	11.10.2022	13131	12:00:34	41.0	11.5	-1.36	-3.04	2.22	0.000957	0.000014	0.000022	0.000000	0.282411	0.000049	0.000052	0.282513104	2.51E-05	0.000026	*a*	0.282513	0.000025	0.000026
Mudtank (Copy 2)	11.10.2022	13131	12:43:37	41.0	11.4	-1.35	-3.79	2.85	0.000805	0.000016	0.000018	0.000000	0.282382	0.000057	0.000060	0.282514649	2.56E-05	0.000027	*a*	0.282515	0.000026	0.000027
Mudtank (Copy 2) (Copy 1)	11.10.2022	13131	13:26:41	41.0	11.6	-1.34	-0.13	-0.18	0.000886	0.000015	0.000020	0.000000	0.282487	0.000045	0.000047	0.282536749	2.45E-05	0.000026	*a*	0.282537	0.000025	0.000026
Mudtank	11.10.2022	13232	14:36:50	41.0	11.4	-1.32	-0.90	0.77	0.001347	0.000015	0.000029	0.000000	0.282472	0.000047	0.000049	0.282516	0.000023	0.000024	*a*	0.282516	0.000023	0.000024
Mudtank (Copy 1)	11.10.2022	13232	15:35:40	41.0	11.5	-1.32	-2.47	1.86	0.001327	0.000014	0.000030	0.000000	0.282438	0.000045	0.000048	0.282502	0.000024	0.000026	*a*	0.282502	0.000024	0.000026
Mudtank (Copy 2)	11.10.2022	13232	16:34:33	41.3	11.5	-1.31	-2.21	1.69	0.001173	0.000016	0.000026	0.000000	0.282413	0.000047	0.000049	0.282488	0.000024	0.000025	*a*	0.282488	0.000024	0.000025
Mudtank (Copy 2) (Copy 1)	11.10.2022	13232	17:31:50	41.0	11.6	-1.31	-1.64	1.23	0.000872	0.000015	0.000020	0.000000	0.282444	0.000046	0.000049	0.282526	0.000022	0.000023	*a*	0.282526	0.000022	0.000023
Mudtank (Copy 2) (Copy 1)	11.10.2022	13232	18:29:07	41.0	11.7	-1.30	-1.21	0.91	0.000944	0.000015	0.000021	0.000000	0.282450	0.000047	0.000049	0.282518	0.000024	0.000026	*a*	0.282518	0.000024	0.000026
Mudtank	13.10.2022	13239	11:33:35	41.1	10.7	-1.37	-2.38	1.84	0.000977	0.000016	0.000022	0.000000	0.282453	0.000049	0.000051	0.282538	0.000024	0.000025	*a*	0.282538	0.000024	0.000025
Mudtank (Copy 2)	13.10.2022	13239	12:32:08	41.0	11.6	-1.36	-1.91	1.40	0.001300	0.000017	0.000029	0.000000	0.282465	0.000046	0.000049	0.282519	0.000025	0.000026	*a*	0.282519	0.000025	0.000026
Mudtank (Copy 1) (Copy 1)	13.10.2022	13239	13:25:01	41.1	11.9	-1.35	-1.57	1.13	0.000928	0.000014	0.000022	0.000000	0.282470	0.000044	0.000046	0.282518	0.000023	0.000024	*a*	0.282518	0.000023	0.000024
Mudtank (Copy 1) (Copy 1)	13.10.2022	13239	14:23:41	41.0	11.7	-1.34	-1.23	0.94	0.000946	0.000015	0.000022	0.000000	0.282441	0.000047	0.000050	0.282511	0.000024	0.000025	*a*	0.282511	0.000024	0.000025
Mudtank (Copy 1)	13.10.2022	13239	15:22:21	41.0	11.8	-1.33	-1.73	1.42	0.000930	0.000015	0.000022	0.000000	0.282463	0.000046	0.000048	0.282530	0.000021	0.000022	*a*	0.282530	0.000021	0.000022
Mudtank	13.10.2022	13240	16:03:32	41.1	11.6	-1.32	-1.73	1.29	0.000912	0.000014	0.000021	0.000000	0.282444	0.000047	0.000049	0.282528	0.000024	0.000025	*a*	0.282528	0.000024	0.000025
Mudtank (Copy 2)	13.10.2022	13240	17:00:41	41.0	11.6	-1.32	-2.95	2.23	0.000900	0.000014	0.000021	0.000000	0.282422	0.000046	0.000048	0.282513	0.000023	0.000024	*a*	0.282513	0.000023	0.000024
Mudtank (Copy 1) (Copy 1)	13.10.2022	13240	17:59:13	41.0	11.7	-1.32	-1.94	1.48	0.000915	0.000015	0.000021	0.000000	0.282462	0.000045	0.000047	0.282525	0.000025	0.000026	*a*	0.282525	0.000025	0.000026
Mudtank (Copy 1) (Copy 1)	13.10.2022	13240	18:53:31	41.1	11.7	-1.32	-1.87	1.55	0.001045	0.000014	0.000024	0.000000	0.282459	0.000047	0.000049	0.282527	0.000023	0.000024	*a*	0.282527	0.000023	0.000024
Mudtank (Copy 1)	13.10.2022	13240	19:49:12	41.0	11.8	-1.32	-0.48	0.36	0.000894	0.000014	0.000021	0.000000	0.282441	0.000050	0.000053	0.282510	0.000023	0.000024	*a*	0.282510	0.000023	0.000024
Mudtank	24.10.2022	13256	18:21:39	41.0	10.3	-1.44	-1.58	1.12	0.000610	0.000016	0.000013	0.000000	0.282410	0.000059	0.000062	0.282534	0.000024	0.000026	*a*	0.282534	0.000024	0.000026
Mudtank (Copy 2)	24.10.2022	13256	19:03:19	41.0	11.2	-1.44	-2.04	1.37	0.000493	0.000014	0.000011	0.000000	0.282309	0.000077	0.000081	0.282529	0.000024	0.000025	*a*	0.282529	0.000024	0.000025
Mudtank (Copy 1)	24.10.2022	13256	19:56:31	41.1	11.4	-1.44	-2.99	2.08	0.000642	0.000013	0.000014	0.000000	0.282395	0.000055	0.000058	0.282525	0.000023	0.000025	*a*	0.282525	0.000023	0.000025

Mudtank (Copy 2) (Copy 1)	24.10.2022	13256	20:36:47	41.1	12.4	-1.44	-2.40	1.50	0.000525	0.000013	0.000012	0.000000	0.282437	0.000044	0.000047	0.282526	0.000021	0.000023	*a*	0.282526	0.000021	0.000023
Mudtank (Copy 2)	26.10.2022	13265	11:03:59	41.1	11.6	-1.39	-1.11	0.62	0.000572	0.000014	0.000013	0.000000	0.282414	0.000057	0.000060	0.282524	0.000024	0.000025	*a*	0.282524	0.000024	0.000025
Mudtank	26.10.2022	13265	12:07:12	41.1	11.9	-1.38	-2.75	2.19	0.000649	0.000013	0.000015	0.000000	0.282414	0.000047	0.000050	0.282515	0.000024	0.000025	*a*	0.282515	0.000024	0.000025
Mudtank (Copy 1)	26.10.2022	13265	13:10:28	41.0	12.8	-1.37	-2.89	2.31	0.000579	0.000012	0.000014	0.000000	0.282389	0.000052	0.000054	0.282509	0.000021	0.000022	*a*	0.282509	0.000021	0.000022
Mudtank (Copy 1)	26.10.2022	13265	14:12:05	41.0	12.7	-1.37	-1.33	0.96	0.000551	0.000012	0.000013	0.000000	0.282428	0.000048	0.000050	0.282524	0.000022	0.000023	*a*	0.282524	0.000022	0.000023
Mudtank (Copy 2)	26.10.2022	13266	15:07:46	41.1	13.3	-1.37	0.49	-0.25	0.000340	0.000015	0.000007	0.000000	0.282241	0.000090	0.000095	0.282499	0.000022	0.000024	*a*	0.282499	0.000022	0.000024
Mudtank	26.10.2022	13266	16:09:25	41.0	13.3	-1.38	-2.80	2.07	0.000469	0.000012	0.000011	0.000000	0.282329	0.000084	0.000088	0.282545	0.000022	0.000023	*a*	0.282545	0.000022	0.000023
Mudtank (Copy 1)	26.10.2022	13266	17:11:04	41.1	13.3	-1.37	-1.74	1.23	0.000457	0.000012	0.000010	0.000000	0.282387	0.000054	0.000057	0.282524	0.000021	0.000022	*a*	0.282524	0.000021	0.000022
Mudtank (Copy 1)	26.10.2022	13266	18:12:44	41.0	13.3	-1.37	-1.68	1.16	0.000275	0.000010	0.000006	0.000000	0.282107	0.000161	0.000170	0.282524	0.000020	0.000021	*a*	0.282524	0.000020	0.000021
Mudtank (Copy 1) (Copy 1)	26.10.2022	13266	19:14:44	41.2	12.9	-1.37	-2.21	1.39	0.000488	0.000013	0.000012	0.000000	0.282407	0.000047	0.000050	0.282535	0.000020	0.000022	*a*	0.282535	0.000020	0.000022
Mudtank (Copy 2)	27.10.2022	13268	11:08:32	41.1	12.0	-1.40	-3.84	2.72	0.000518	0.000013	0.000012	0.000000	0.282331	0.000064	0.000067	0.282503	0.000024	0.000026	*a*	0.282503	0.000024	0.000026
Mudtank	27.10.2022	13268	12:10:31	41.0	12.0	-1.39	-1.88	1.33	0.000999	0.000014	0.000024	0.000000	0.282471	0.000044	0.000046	0.282521	0.000022	0.000023	*a*	0.282521	0.000022	0.000023
Mudtank (Copy 1)	27.10.2022	13268	13:12:30	41.0	12.5	-1.38	-3.51	2.34	0.000596	0.000013	0.000014	0.000000	0.282398	0.000047	0.000049	0.282511	0.000022	0.000023	*a*	0.282511	0.000022	0.000023
Mudtank (Copy 1)	27.10.2022	13268	14:14:27	41.0	12.5	-1.38	-2.64	1.88	0.000495	0.000013	0.000012	0.000000	0.282324	0.000075	0.000079	0.282518	0.000023	0.000024	*a*	0.282518	0.000023	0.000024
Mudtank	21.11.2022	13283	17:40:19	41.0	7.6	-1.35	-5.95	4.38	0.000701	0.000021	0.000015	0.000001	0.282102	0.000133	0.000139	0.282503	0.000035	0.000036	*a*	0.282503	0.000035	0.000036
Mudtank (Copy 1)	21.11.2022	13283	18:58:38	41.0	7.7	-1.35	-1.84	1.38	0.000824	0.000020	0.000017	0.000001	0.282319	0.000082	0.000087	0.282516	0.000033	0.000035	*a*	0.282516	0.000033	0.000035
Mudtank (Copy 1) (Copy 1)	21.11.2022	13283	20:16:58	41.0	8.1	-1.35	-4.02	2.64	0.000680	0.000019	0.000015	0.000001	0.282085	0.000142	0.000149	0.282517	0.000031	0.000032	*a*	0.282517	0.000031	0.000032
Mudtank (Copy 1) (Copy 1) (Copy 1)	21.11.2022	13283	21:53:59	41.1	8.3	-1.36	-0.53	0.14	0.000746	0.000018	0.000016	0.000001	0.282157	0.000165	0.000173	0.282533	0.000031	0.000032	*a*	0.282533	0.000031	0.000032

MUN1	14.02.2022	12849	18:18:44	38.0	8.9	-1.32	-1.42	1.08	0.030800	0.000306	0.000706	0.000003	0.282106	0.000064	0.000068	0.282119	0.000029	0.000030	*a*	0.282119	0.000029	0.000030
MUN1 (Copy 1)	14.02.2022	12849	18:55:25	38.2	8.8	-1.31	-1.41	1.08	0.020169	0.000328	0.000500	0.000004	0.282122	0.000062	0.000065	0.282127	0.000030	0.000031	*a*	0.282127	0.000030	0.000031
MUN1 (Copy 2)	14.02.2022	12849	19:30:45	38.0	8.3	-1.31	-1.35	1.04	0.021164	0.000183	0.000528	0.000001	0.282131	0.000070	0.000073	0.282140	0.000033	0.000034	*a*	0.282140	0.000033	0.000034
MUN1 (Copy 3)	14.02.2022	12849	20:07:26	38.0	10.3	-1.32	-1.44	1.09	0.025463	0.000099	0.000625	0.000002	0.282107	0.000054	0.000056	0.282132	0.000028	0.000029	*a*	0.282132	0.000028	0.000029
MUN1 (Copy 4)	14.02.2022	12849	20:44:08	38.0	9.1	-1.32	-1.38	1.05	0.018493	0.000248	0.000462	0.000003	0.282139	0.000062	0.000065	0.282133	0.000032	0.000033	*a*	0.282133	0.000032	0.000033
MUN1 (Copy 5)	14.02.2022	12849	21:20:49	38.0	10.4	-1.32	-1.39	1.05	0.027684	0.000128	0.000667	0.000002	0.282140	0.000052	0.000055	0.282154	0.000028	0.000029	*a*	0.282154	0.000028	0.000029
MUN1 (Copy 6)	14.02.2022	12849	21:56:15	38.0	9.5	-1.32	-1.39	1.05	0.021033	0.000252	0.000522	0.000003	0.282158	0.000064	0.000067	0.282160	0.000030	0.000032	*a*	0.282160	0.000030	0.000032
MUN1 (Copy 7)	14.02.2022	12849	22:30:19	38.0	10.5	-1.33	-1.41	1.06	0.027817	0.000174	0.000676	0.000004	0.282127	0.000055	0.000058	0.282141	0.000026	0.000028	*a*	0.282141	0.000026	0.000028
MUN1 (Copy 4)	21.02.2022	12859	11:31:27	38.1	10.4	-1.56	-1.52	0.98	0.012035	0.000346	0.000303	0.000005	0.282200	0.000051	0.000054	0.282212	0.000028	0.000029	*a*	0.282212	0.000028	0.000029
MUN1	21.02.2022	12859	11:50:34	38.1	10.6	-1.56	-1.55	1.00	0.018763	0.000415	0.000507	0.000011	0.282188	0.000053	0.000056	0.282202	0.000028	0.000029	*a*	0.282202	0.000028	0.000029

MUN1 (Copy 2)	21.02.2022	12859	12:27:37	38.0	9.6	-1.56	-1.56	1.00	0.024160	0.000304	0.000577	0.000003	0.282164	0.000055	0.000057	0.282187	0.000028	0.000029	*a*	0.282187	0.000028	0.000029
MUN1 (Copy 3)	21.02.2022	12859	13:00:39	38.0	9.8	-1.54	-1.54	1.00	0.015391	0.000319	0.000378	0.000006	0.282168	0.000059	0.000062	0.282191	0.000030	0.000031	*a*	0.282191	0.000030	0.000031
MUN1 (Copy 5)	21.02.2022	12859	13:36:19	38.0	10.3	-1.53	-1.49	0.98	0.022313	0.000358	0.000550	0.000005	0.282186	0.000050	0.000053	0.282185	0.000026	0.000028	*a*	0.282185	0.000026	0.000028
MUN1 (Copy 1)	21.02.2022	12859	14:13:22	38.0	10.0	-1.53	-1.49	0.98	0.048923	0.000261	0.001155	0.000006	0.282163	0.000059	0.000062	0.282161	0.000028	0.000029	*a*	0.282161	0.000028	0.000029
MUN1 (Copy 6)	21.02.2022	12859	14:47:42	38.0	9.5	-1.51	-1.51	1.00	0.050848	0.000331	0.001219	0.000004	0.282151	0.000062	0.000065	0.282162	0.000032	0.000034	*a*	0.282162	0.000032	0.000034
MUN1 (Copy 7)	21.02.2022	12859	15:08:20	38.2	9.7	-1.52	-1.52	1.00	0.038907	0.000816	0.000955	0.000016	0.282186	0.000060	0.000063	0.282199	0.000030	0.000031	*a*	0.282199	0.000030	0.000031
MUN1	20.03.2022	12876	18:12:00	39.8	10.3	-1.33	-1.39	1.04	0.018670	0.000075	0.000453	0.000001	0.282127	0.000056	0.000059	0.282125	0.000026	0.000028	*a*	0.282125	0.000026	0.000028
MUN1 (Copy 1)	20.03.2022	12876	18:48:36	39.9	11.1	-1.33	-1.40	1.05	0.022987	0.001014	0.000552	0.000025	0.282142	0.000053	0.000056	0.282136	0.000027	0.000028	*a*	0.282136	0.000027	0.000028
MUN1 (Copy 2)	20.03.2022	12876	19:25:12	39.9	10.8	-1.33	-1.39	1.04	0.035684	0.000513	0.000833	0.000007	0.282109	0.000052	0.000055	0.282103	0.000028	0.000030	*a*	0.282103	0.000028	0.000030
MUN1 (Copy 3)	20.03.2022	12876	20:01:49	40.0	11.6	-1.33	-1.41	1.05	0.025447	0.001168	0.000591	0.000024	0.282142	0.000052	0.000055	0.282138	0.000026	0.000027	*a*	0.282138	0.000026	0.000027
MUN1 (Copy 4)	20.03.2022	12876	20:38:27	40.1	12.5	-1.33	-1.44	1.08	0.023535	0.001082	0.000553	0.000022	0.282109	0.000045	0.000048	0.282118	0.000022	0.000024	*a*	0.282118	0.000022	0.000024
MUN1 (Copy 5)	20.03.2022	12876	21:15:05	40.0	12.4	-1.32	-1.41	1.07	0.025347	0.001108	0.000585	0.000023	0.282092	0.000046	0.000048	0.282107	0.000023	0.000024	*a*	0.282107	0.000023	0.000024
MUN1 (Copy 6)	20.03.2022	12876	21:51:42	40.0	12.2	-1.33	-1.42	1.06	0.034396	0.000315	0.000801	0.000004	0.282120	0.000047	0.000049	0.282121	0.000025	0.000026	*a*	0.282121	0.000025	0.000026
MUN1 (Copy 7)	20.03.2022	12876	22:28:23	40.0	12.7	-1.34	-1.43	1.07	0.018652	0.000204	0.000444	0.000003	0.282126	0.000043	0.000045	0.282131	0.000023	0.000024	*a*	0.282131	0.000023	0.000024
MUN1 (Copy 8)	20.03.2022	12876	23:05:04	39.9	13.2	-1.33	-1.42	1.06	0.017540	0.000180	0.000421	0.000003	0.282119	0.000043	0.000045	0.282123	0.000022	0.000024	*a*	0.282123	0.000022	0.000024
MUN1 (Copy 9)	20.03.2022	12876	23:38:45	32.9	13.5	-1.34	-1.40	1.05	0.018224	0.000086	0.000434	0.000001	0.282127	0.000043	0.000045	0.282135	0.000023	0.000024	*a*	0.282135	0.000023	0.000024
MUN1 (Copy 10)	21.03.2022	12876	00:09:53	37.8	13.0	-1.34	-1.41	1.05	0.018928	0.000071	0.000457	0.000001	0.282120	0.000046	0.000048	0.282136	0.000025	0.000026	*a*	0.282136	0.000025	0.000026
MUN1 (Copy 11)	21.03.2022	12876	00:38:40	27.2	14.2	-1.34	-1.41	1.06	0.017468	0.000065	0.000421	0.000001	0.282120	0.000053	0.000056	0.282121	0.000032	0.000033	*a*	0.282121	0.000032	0.000033
MUN1 (Copy 12)	21.03.2022	12876	01:05:33	27.2	14.1	-1.33	-1.39	1.04	0.026677	0.001397	0.000618	0.000029	0.282122	0.000048	0.000050	0.282100	0.000027	0.000028	*a*	0.282100	0.000027	0.000028
MUN1 (Copy 13)	21.03.2022	12876	01:30:59	23.6	14.4	-1.34	-1.39	1.03	0.022893	0.000837	0.000550	0.000018	0.282179	0.000052	0.000055	0.282169	0.000026	0.000027	*a*	0.282169	0.000026	0.000027
MUN1 (Copy 14)	21.03.2022	12876	01:55:13	21.2	13.2	-1.34	-1.38	1.03	0.017614	0.000307	0.000436	0.000007	0.282138	0.000062	0.000065	0.282131	0.000031	0.000033	*a*	0.282131	0.000031	0.000033
MUN1 (Copy 15)	21.03.2022	12876	02:18:28	20.4	13.5	-1.35	-1.40	1.04	0.017157	0.000151	0.000422	0.000003	0.282159	0.000061	0.000064	0.282161	0.000030	0.000032	*a*	0.282161	0.000030	0.000032
MUN1 (Copy 16)	21.03.2022	12876	02:40:33	21.0	13.3	-1.34	-1.36	1.02	0.016729	0.000035	0.000413	0.000001	0.282144	0.000055	0.000058	0.282135	0.000032	0.000034	*a*	0.282135	0.000032	0.000034
MUN1 (Copy 17)	21.03.2022	12876	03:01:46	26.2	13.6	-1.34	-1.39	1.03	0.017266	0.000049	0.000416	0.000001	0.282111	0.000053	0.000056	0.282112	0.000027	0.000029	*a*	0.282112	0.000027	0.000029
MUN1 (Copy 18)	21.03.2022	12876	03:22:15	17.1	13.7	-1.35	-1.41	1.05	0.017966	0.000109	0.000430	0.000001	0.282114	0.000061	0.000065	0.282116	0.000034	0.000035	*a*	0.282116	0.000034	0.000035
MUN1 (Copy 19)	21.03.2022	12876	03:42:09	19.1	13.3	-1.36	-1.35	0.99	0.019193	0.000168	0.000458	0.000001	0.282139	0.000055	0.000058	0.282125	0.000027	0.000028	*a*	0.282125	0.000027	0.000028
MUN1 (Copy 20)	21.03.2022	12876	04:01:24	13.8	13.6	-1.34	-1.33	0.98	0.016885	0.000091	0.000419	0.000001	0.282148	0.000067	0.000070	0.282135	0.000034	0.000036	*a*	0.282135	0.000034	0.000036
MUN1 (Copy 21)	21.03.2022	12876	04:20:02	13.9	13.9	-1.35	-1.41	1.04	0.017666	0.000129	0.000432	0.000001	0.282126	0.000066	0.000069	0.282132	0.000034	0.000036	*a*	0.282132	0.000034	0.000036
MUN1 (Copy 22)	21.03.2022	12876	04:38:03	21.0	13.9	-1.35	-1.40	1.03	0.017239	0.000068	0.000419	0.000001	0.282130	0.000053	0.000055	0.282133	0.000028	0.000029	*a*	0.282133	0.000028	0.000029
MUN1 (Copy 23)	21.03.2022	12876	04:55:49	14.3	14.0	-1.35	-1.31	0.96	0.017224	0.000047	0.000427	0.000001	0.282144	0.000062	0.000066	0.282113	0.000040	0.000042	*a*	0.282113	0.000040	0.000042
MUN1 (Copy 24)	21.03.2022	12876	05:12:35	19.3	13.9	-1.35	-1.39	1.02	0.017585	0.000065	0.000431	0.000001	0.282116	0.000057	0.000059	0.282123	0.000029	0.000030	*a*	0.282123	0.000029	0.000030

MUN1 (Copy 25)	21.03.2022	12876	05:23:52	18.5	13.6	-1.36	-1.36	1.00	0.018786	0.000066	0.000458	0.000001	0.282105	0.000065	0.000068	0.282106	0.000034	0.000035	*a*	0.282106	0.000034	0.000035
MUN 1	23.09.2022	13154	12:22:26	41.0	13.3	1.47	-1.25	12.74	0.000841	0.000001	0.282127	0.000021	-1.295082	0.054733	0.057470	0.282124	0.000021	0.000022	*a*	0.282124	0.000021	0.000022
MUN 1 (Copy 1)	23.09.2022	13154	13:19:44	41.0	13.5	1.47	-1.23	13.04	0.000797	0.000001	0.282129	0.000021	-1.318149	0.055935	0.058732	0.282124	0.000021	0.000022	*a*	0.282124	0.000021	0.000022
MUN 1 (Copy 2)	23.09.2022	13154	14:34:35	41.1	14.1	1.47	-1.22	13.60	0.000834	0.000001	0.282129	0.000020	-1.229324	0.054632	0.057364	0.282122	0.000020	0.000021	*a*	0.282122	0.000020	0.000021
MUN 1	23.09.2022	13154	16:01:04	41.0	13.7	1.47	-1.21	13.11	0.000932	0.000002	0.282111	0.000022	-1.293543	0.050467	0.052991	0.282101	0.000022	0.000023	*a*	0.282101	0.000022	0.000023
MUN 1	22.09.2022	13152	12:31:34	41.1	16.9	-1.31	-1.35	1.02	0.032966	0.000247	0.000836	0.000000	0.282126	0.000033	0.000034	0.282121	0.000018	0.000019	*a*	0.282121	0.000018	0.000019
MUN 1 (Copy 1)	22.09.2022	13152	13:28:50	41.0	16.1	-1.29	-1.35	1.04	0.030414	0.000204	0.000771	0.000001	0.282109	0.000036	0.000038	0.282106	0.000019	0.000020	*a*	0.282106	0.000019	0.000020
MUN 1 (Copy 2)	22.09.2022	13152	14:44:52	41.0	13.9	-1.29	-1.35	1.05	0.082207	0.000445	0.002042	0.000011	0.282134	0.000047	0.000050	0.282132	0.000023	0.000025	*a*	0.282132	0.000023	0.000025
MUN 1	26.09.2022	13156	14:18:46	11.1	11.4	-1.14	-1.24	1.09	0.011225	0.000200	0.000308	0.000008	0.282143	0.000082	0.000087	0.282148	0.000044	0.000046	*a*	0.282148	0.000044	0.000046
MUN 1 (Copy 1)	26.09.2022	13156	15:32:21	28.4	10.5	-1.10	-1.14	0.89	0.014993	0.000722	0.000442	0.000014	0.282163	0.000142	0.000149	0.282133	0.000049	0.000051	*a*	0.282133	0.000049	0.000051
MUN 1	26.09.2022	13156	16:40:11	41.0	10.0	-1.07	-1.02	0.97	0.009823	0.000151	0.000330	0.000008	0.282132	0.000102	0.000107	0.282138	0.000035	0.000036	*a*	0.282138	0.000035	0.000036
MUN 1	27.09.2022	13158	11:28:08	21.9	15.7	-1.26	-1.36	1.06	0.014041	0.000622	0.000386	0.000009	0.282127	0.000049	0.000051	0.282131	0.000029	0.000031	*a*	0.282131	0.000029	0.000031
MUN 1 (Copy 1)	27.09.2022	13158	12:31:34	7.4	13.6	-1.24	-1.14	0.92	0.016222	0.000150	0.000449	0.000021	0.282192	0.000080	0.000084	0.282145	0.000042	0.000044	*a*	0.282145	0.000042	0.000044
MUN 1 (Copy 3)	27.09.2022	13158	13:36:28	24.0	16.8	-1.22	-1.29	1.06	0.014471	0.000315	0.000406	0.000008	0.282133	0.000046	0.000048	0.282137	0.000024	0.000025	*a*	0.282137	0.000024	0.000025
MUN 1	27.09.2022	13160	16:06:04	41.0	13.2	-1.27	-1.32	1.04	0.085625	0.000558	0.002086	0.000002	0.282158	0.000048	0.000051	0.282152	0.000024	0.000025	*a*	0.282152	0.000024	0.000025
MUN 1 (Copy 1)	27.09.2022	13160	17:19:37	41.0	12.2	-1.26	-1.31	1.04	0.120207	0.000649	0.002927	0.000001	0.282144	0.000056	0.000058	0.282142	0.000027	0.000029	*a*	0.282142	0.000027	0.000029
MUN 1 (Copy 3)	27.09.2022	13160	18:24:02	41.0	13.2	-1.26	-1.32	1.05	0.107277	0.000712	0.002599	0.000004	0.282135	0.000050	0.000053	0.282148	0.000023	0.000024	*a*	0.282148	0.000023	0.000024
MUN 1	11.10.2022	13231	11:18:57	41.0	13.9	-1.34	-1.37	1.02	0.038605	0.000225	0.000999	0.000002	0.282145	0.000043	0.000045	0.282124	0.000022	0.000023	*a*	0.282124	0.000022	0.000023
MUN 1 (Copy 1)	11.10.2022	13231	12:01:59	41.0	14.6	-1.33	-1.40	1.06	0.035859	0.000246	0.000945	0.000000	0.282100	0.000038	0.000040	0.282118	0.000020	0.000021	*a*	0.282118	0.000020	0.000021
MUN 1 (Copy 2)	11.10.2022	13231	12:45:02	41.0	14.9	-1.33	-1.39	1.05	0.030571	0.000116	0.000838	0.000002	0.282139	0.000036	0.000038	0.282155	0.000019	0.000020	*a*	0.282155	0.000019	0.000020
MUN 1 (Copy 2) (Copy 1)	11.10.2022	13231	13:28:06	41.2	14.9	-1.31	-1.34	1.02	0.023539	0.000279	0.000666	0.000003	0.282173	0.000039	0.000041	0.282173	0.000021	0.000022	*a*	0.282173	0.000021	0.000022
MUN 1	11.10.2022	13232	14:38:15	41.1	14.0	-1.30	-1.36	1.05	0.034398	0.000400	0.000906	0.000002	0.282154	0.000039	0.000041	0.282157	0.000021	0.000022	*a*	0.282157	0.000021	0.000022
MUN 1 (Copy 1)	11.10.2022	13232	15:37:05	41.0	14.2	-1.30	-1.36	1.05	0.036953	0.000228	0.000997	0.000002	0.282132	0.000041	0.000043	0.282137	0.000022	0.000023	*a*	0.282137	0.000022	0.000023
MUN 1 (Copy 2)	11.10.2022	13232	16:35:58	41.2	14.5	-1.29	-1.34	1.04	0.035412	0.000285	0.000943	0.000001	0.282138	0.000038	0.000040	0.282139	0.000020	0.000021	*a*	0.282139	0.000020	0.000021
MUN 1 (Copy 2) (Copy 1)	11.10.2022	13232	17:33:15	41.2	14.6	-1.28	-1.36	1.06	0.039095	0.000245	0.001036	0.000001	0.282124	0.000040	0.000042	0.282141	0.000022	0.000023	*a*	0.282141	0.000022	0.000023
MUN 1 (Copy 2) (Copy 1)	11.10.2022	13232	18:30:32	41.1	14.6	-1.28	-1.34	1.05	0.034421	0.000163	0.000943	0.000001	0.282154	0.000038	0.000039	0.282165	0.000020	0.000021	*a*	0.282165	0.000020	0.000021
MUN 1	13.10.2022	13239	11:35:00	41.0	14.2	-1.33	-1.39	1.05	0.031102	0.000240	0.000810	0.000001	0.282146	0.000041	0.000043	0.282149	0.000022	0.000023	*a*	0.282149	0.000022	0.000023
MUN 1 (Copy 2)	13.10.2022	13239	12:33:33	41.1	15.5	-1.32	-1.38	1.05	0.028516	0.000183	0.000765	0.000001	0.282140	0.000038	0.000040	0.282147	0.000020	0.000021	*a*	0.282147	0.000020	0.000021
MUN 1 (Copy 1) (Copy 1)	13.10.2022	13239	13:26:26	41.1	15.7	-1.31	-1.35	1.03	0.026604	0.000252	0.000722	0.000001	0.282147	0.000039	0.000041	0.282150	0.000021	0.000022	*a*	0.282150	0.000021	0.000022
MUN 1 (Copy 1) (Copy 1)	13.10.2022	13239	14:25:06	41.0	16.0	-1.30	-1.40	1.08	0.022447	0.000201	0.000625	0.000001	0.282120	0.000036	0.000038	0.282140	0.000020	0.000021	*a*	0.282140	0.000020	0.000021
MUN 1 (Copy 1)	13.10.2022	13239	15:23:47	41.0	15.5	-1.29	-1.33	1.03	0.031723	0.000357	0.000853	0.000002	0.282147	0.000038	0.000040	0.282142	0.000020	0.000021	*a*	0.282142	0.000020	0.000021
MUN 1	13.10.2022	13240	16:04:58	41.1	15.3	-1.28	-1.35	1.05	0.029236	0.000234	0.000777	0.000001	0.282128	0.000038	0.000039	0.282150	0.000020	0.000021	*a*	0.282150	0.000020	0.000021

MUN 1 (Copy 2)	13.10.2022	13240	17:02:06	41.0	15.8	-1.28	-1.35	1.05	0.026703	0.000260	0.000725	0.000002	0.282142	0.000032	0.000034	0.282160	0.000019	0.000020	*a*	0.282160	0.000019	0.000020
MUN 1 (Copy 1) (Copy 1)	13.10.2022	13240	18:00:39	41.0	15.7	-1.28	-1.33	1.04	0.026649	0.000181	0.000718	0.000001	0.282128	0.000034	0.000036	0.282137	0.000019	0.000020	*a*	0.282137	0.000019	0.000020
MUN 1 (Copy 1) (Copy 1)	13.10.2022	13240	18:54:56	41.0	16.0	-1.28	-1.33	1.04	0.023175	0.000164	0.000639	0.000001	0.282136	0.000034	0.000036	0.282141	0.000018	0.000019	*a*	0.282141	0.000018	0.000019
MUN 1 (Copy 1)	13.10.2022	13240	19:50:37	41.0	15.7	-1.28	-1.36	1.06	0.028957	0.000171	0.000780	0.000001	0.282132	0.000037	0.000039	0.282147	0.000019	0.000020	*a*	0.282147	0.000019	0.000020
MUN 1	24.10.2022	13256	18:23:04	41.1	13.9	-1.41	-1.46	1.04	0.029507	0.000200	0.000761	0.000001	0.282145	0.000039	0.000041	0.282145	0.000020	0.000021	*a*	0.282145	0.000020	0.000021
MUN 1 (Copy 2)	24.10.2022	13256	19:04:44	41.0	14.3	-1.41	-1.44	1.03	0.032911	0.000139	0.000841	0.000002	0.282155	0.000041	0.000043	0.282137	0.000021	0.000023	*a*	0.282137	0.000021	0.000023
MUN 1 (Copy 1)	24.10.2022	13256	19:57:57	41.1	15.5	-1.41	-1.46	1.04	0.025020	0.000078	0.000647	0.000003	0.282146	0.000036	0.000038	0.282137	0.000020	0.000021	*a*	0.282137	0.000020	0.000021
MUN 1 (Copy 2) (Copy 1)	24.10.2022	13256	20:38:13	41.0	16.1	-1.41	-1.45	1.03	0.017374	0.000097	0.000448	0.000000	0.282138	0.000033	0.000034	0.282123	0.000018	0.000019	*a*	0.282123	0.000018	0.000019
MUN 1 (Copy 2)	26.10.2022	13265	11:05:24	41.3	17.1	-1.36	-1.37	1.01	0.013931	0.000117	0.000385	0.000000	0.282147	0.000034	0.000036	0.282144	0.000018	0.000019	*a*	0.282144	0.000018	0.000019
MUN 1	26.10.2022	13265	12:08:37	41.0	17.5	-1.35	-1.37	1.02	0.014181	0.000130	0.000392	0.000000	0.282143	0.000029	0.000031	0.282138	0.000017	0.000018	*a*	0.282138	0.000017	0.000018
MUN 1 (Copy 1)	26.10.2022	13265	13:11:53	41.0	18.7	-1.35	-1.44	1.07	0.013260	0.000161	0.000377	0.000001	0.282134	0.000028	0.000029	0.282143	0.000015	0.000016	*a*	0.282143	0.000015	0.000016
MUN 1 (Copy 1)	26.10.2022	13265	14:13:30	41.0	18.4	-1.35	-1.36	1.01	0.020433	0.000470	0.000544	0.000008	0.282151	0.000029	0.000031	0.282142	0.000017	0.000017	*a*	0.282142	0.000017	0.000017
MUN 1 (Copy 2)	26.10.2022	13266	15:09:11	41.0	18.7	-1.34	-1.38	1.03	0.014329	0.000109	0.000397	0.000000	0.282137	0.000028	0.000029	0.282130	0.000016	0.000017	*a*	0.282130	0.000016	0.000017
MUN 1	26.10.2022	13266	16:10:50	41.0	18.7	-1.34	-1.39	1.04	0.014894	0.000133	0.000403	0.000000	0.282129	0.000031	0.000032	0.282129	0.000017	0.000018	*a*	0.282129	0.000017	0.000018
MUN 1 (Copy 1)	26.10.2022	13266	17:12:29	41.0	18.4	-1.34	-1.38	1.03	0.014661	0.000110	0.000402	0.000000	0.282158	0.000032	0.000033	0.282159	0.000017	0.000018	*a*	0.282159	0.000017	0.000018
MUN 1 (Copy 1)	26.10.2022	13266	18:14:09	41.0	18.7	-1.34	-1.35	1.00	0.014403	0.000092	0.000402	0.000000	0.282140	0.000029	0.000031	0.282133	0.000018	0.000019	*a*	0.282133	0.000018	0.000019
MUN 1 (Copy 1) (Copy 1)	26.10.2022	13266	19:16:09	41.0	18.3	-1.34	-1.39	1.04	0.018693	0.000482	0.000507	0.000009	0.282146	0.000029	0.000031	0.282149	0.000017	0.000018	*a*	0.282149	0.000017	0.000018
MUN 1 (Copy 2)	27.10.2022	13268	11:09:57	41.1	17.5	-1.38	-1.42	1.03	0.015759	0.000153	0.000422	0.000000	0.282130	0.000029	0.000030	0.282123	0.000017	0.000018	*a*	0.282123	0.000017	0.000018
MUN 1	27.10.2022	13268	12:11:56	41.1	17.1	-1.37	-1.37	1.01	0.013460	0.000107	0.000387	0.000001	0.282140	0.000031	0.000033	0.282125	0.000018	0.000019	*a*	0.282125	0.000018	0.000019
MUN 1 (Copy 1)	27.10.2022	13268	13:13:55	41.0	17.8	-1.36	-1.42	1.05	0.013141	0.000106	0.000380	0.000001	0.282136	0.000031	0.000033	0.282142	0.000017	0.000018	*a*	0.282142	0.000017	0.000018
MUN 1 (Copy 1)	27.10.2022	13268	14:15:53	41.0	17.8	-1.35	-1.38	1.02	0.018308	0.000105	0.000507	0.000003	0.282135	0.000033	0.000034	0.282135	0.000018	0.000019	*a*	0.282135	0.000018	0.000019
MUN1	21.11.2022	13283	17:43:09	41.0	7.7	-1.33	-1.40	1.06	0.101646	0.000912	0.002472	0.000002	0.282150	0.000077	0.000081	0.282126	0.000037	0.000039	*a*	0.282126	0.000037	0.000039
MUN1 (Copy 1)	21.11.2022	13283	19:01:28	41.0	7.8	-1.33	-1.39	1.05	0.095998	0.000729	0.002357	0.000002	0.282167	0.000078	0.000082	0.282161	0.000038	0.000040	*a*	0.282161	0.000038	0.000040
MUN1 (Copy 1) (Copy 1)	21.11.2022	13283	20:19:48	41.0	8.0	-1.33	-1.41	1.06	0.091479	0.000693	0.002242	0.000002	0.282113	0.000080	0.000083	0.282161	0.000036	0.000038	*a*	0.282161	0.000036	0.000038
MUN1 (Copy 1) (Copy 1) (Copy 1)	21.11.2022	13283	21:56:50	41.1	8.4	-1.34	-1.38	1.03	0.089345	0.000645	0.002179	0.000001	0.282237	0.000068	0.000072	0.282241	0.000034	0.000036	*a*	0.282241	0.000034	0.000036

MUN3	14.02.2022	12849	18:20:05	38.0	10.9	-1.31	-1.39	1.06	0.349945	0.040634	0.007482	0.000778	0.282055	0.000089	0.000093	0.282081	0.000055	0.000057	*a*	0.282081	0.000055	0.000057
MUN3 (Copy 1)	14.02.2022	12849	18:56:46	38.1	10.8	-1.32	-1.40	1.06	0.316703	0.035956	0.006743	0.000686	0.282056	0.000085	0.000089	0.282083	0.000044	0.000046	*a*	0.282083	0.000044	0.000046
MUN3 (Copy 2)	14.02.2022	12849	19:32:06	38.1	11.4	-1.32	-1.38	1.05	0.364027	0.044635	0.007565	0.000845	0.282144	0.000087	0.000092	0.282164	0.000053	0.000056	*a*	0.282164	0.000053	0.000056
MUN3 (Copy 3)	14.02.2022	12849	20:08:48	38.0	11.4	-1.33	-1.38	1.04	0.323782	0.037135	0.007042	0.000739	0.282140	0.000079	0.000083	0.282127	0.000044	0.000047	*a*	0.282127	0.000044	0.000047
MUN3 (Copy 6)	14.02.2022	12849	20:45:29	38.0	11.7	-1.32	-1.39	1.05	0.416763	0.051612	0.008595	0.000982	0.282089	0.000088	0.000093	0.282097	0.000060	0.000063	*a*	0.282097	0.000060	0.000063
MUN3 (Copy 5)	14.02.2022	12849	21:22:10	38.2	11.4	-1.32	-1.39	1.05	0.314651	0.035159	0.006812	0.000688	0.282146	0.000078	0.000082	0.282113	0.000049	0.000052	*a*	0.282113	0.000049	0.000052
MUN3 (Copy 7)	14.02.2022	12849	21:57:36	38.1	11.8	-1.33	-1.39	1.04	0.450972	0.055678	0.009143	0.001040	0.282220	0.000090	0.000095	0.282077	0.000059	0.000062	*b*	0.282220	0.000059	0.000062
MUN3 (Copy 8)	14.02.2022	12849	22:31:40	38.0	11.4	-1.33	-1.39	1.05	0.299067	0.032209	0.006494	0.000620	0.282153	0.000076	0.000079	0.282103	0.000046	0.000049	*a*	0.282103	0.000046	0.000049
MUN3 (Copy 4)	21.02.2022	12859	11:32:49	38.0	9.6	-1.55	-1.51	0.97	0.402417	0.049388	0.008012	0.000901	0.282251	0.000099	0.000104	0.282267	0.000064	0.000067	*a*	0.282267	0.000064	0.000067
MUN3	21.02.2022	12859	11:51:55	38.0	9.8	-1.56	-1.52	0.97	0.374741	0.045818	0.007854	0.000891	0.282074	0.000101	0.000106	0.282152	0.000057	0.000060	*b*	0.282074	0.000057	0.000060
MUN3 (Copy 2)	21.02.2022	12859	12:28:58	38.1	9.8	-1.56	-1.49	0.96	0.451535	0.057330	0.008760	0.001020	0.282206	0.000108	0.000114	0.282189	0.000081	0.000085	*a*	0.282189	0.000081	0.000085
MUN3 (Copy 3)	21.02.2022	12859	13:02:00	38.1	10.0	-1.54	-1.51	0.98	0.424200	0.053430	0.008745	0.001025	0.282093	0.000105	0.000110	0.282262	0.000069	0.000072	*b*	0.282093	0.000069	0.000072
MUN3 (Copy 5)	21.02.2022	12859	13:37:40	38.0	9.4	-1.53	-1.51	0.99	0.341585	0.041334	0.006972	0.000771	0.282115	0.000097	0.000102	0.282228	0.000058	0.000061	*b*	0.282115	0.000058	0.000061
MUN3 (Copy 1)	21.02.2022	12859	14:14:43	38.2	9.6	-1.52	-1.51	0.99	0.375275	0.046352	0.007584	0.000855	0.282084	0.000100	0.000105	0.282136	0.000063	0.000067	*a*	0.282136	0.000063	0.000067
MUN3 (Copy 7)	21.02.2022	12859	14:49:03	38.1	9.3	-1.51	-1.52	1.00	0.253349	0.027863	0.005342	0.000528	0.282120	0.000090	0.000094	0.282196	0.000045	0.000047	*b*	0.282120	0.000045	0.000047
MUN3 (Copy 6)	21.02.2022	12859	15:09:42	38.0	9.2	-1.52	-1.50	0.99	0.260575	0.029828	0.005504	0.000563	0.282193	0.000095	0.000100	0.282210	0.000049	0.000051	*a*	0.282210	0.000049	0.000051
MUN3	20.03.2022	12876	18:13:21	39.8	12.2	-1.37	-1.42	1.04	0.164236	0.001167	0.003911	0.000010	0.282124	0.000058	0.000060	0.282053	0.000028	0.000029	*b*	0.282124	0.000028	0.000029
MUN3 (Copy 1)	20.03.2022	12876	18:49:57	39.9	11.9	-1.36	-1.41	1.04	0.176848	0.001147	0.004118	0.000007	0.282142	0.000063	0.000066	0.282060	0.000029	0.000030	*b*	0.282142	0.000029	0.000030
MUN3 (Copy 2)	20.03.2022	12876	19:26:34	39.9	12.2	-1.35	-1.41	1.04	0.182213	0.001267	0.004201	0.000010	0.282129	0.000066	0.000069	0.282061	0.000031	0.000033	*b*	0.282129	0.000031	0.000033
MUN3 (Copy 3)	20.03.2022	12876	20:03:10	39.9	12.5	-1.36	-1.41	1.04	0.180700	0.001208	0.004164	0.000008	0.282131	0.000061	0.000064	0.282050	0.000030	0.000031	*b*	0.282131	0.000030	0.000031
MUN3 (Copy 4)	20.03.2022	12876	20:39:48	40.0	12.6	-1.36	-1.41	1.04	0.178384	0.001215	0.004125	0.000009	0.282120	0.000062	0.000065	0.282036	0.000027	0.000028	*b*	0.282120	0.000027	0.000028
MUN3 (Copy 5)	20.03.2022	12876	21:16:26	39.9	12.9	-1.35	-1.40	1.04	0.179310	0.001227	0.004142	0.000010	0.282098	0.000056	0.000059	0.282027	0.000028	0.000030	*b*	0.282098	0.000028	0.000030
MUN3 (Copy 6)	20.03.2022	12876	21:53:04	39.9	12.9	-1.35	-1.41	1.04	0.169430	0.001227	0.003953	0.000003	0.282128	0.000060	0.000063	0.282065	0.000027	0.000028	*b*	0.282128	0.000027	0.000028
MUN3 (Copy 7)	20.03.2022	12876	22:29:45	39.8	11.3	-1.35	-1.43	1.05	0.137616	0.000835	0.003365	0.000001	0.282127	0.000063	0.000066	0.282128	0.000028	0.000030	*a*	0.282128	0.000028	0.000030
MUN3 (Copy 8)	20.03.2022	12876	23:06:25	39.8	12.1	-1.35	-1.43	1.06	0.142889	0.001267	0.003453	0.000009	0.282093	0.000062	0.000065	0.282105	0.000029	0.000030	*a*	0.282105	0.000029	0.000030
MUN3 (Copy 9)	20.03.2022	12876	23:39:53	39.9	13.6	-1.36	-1.41	1.04	0.176930	0.001394	0.004113	0.000013	0.282145	0.000054	0.000057	0.282088	0.000027	0.000028	*b*	0.282145	0.000027	0.000028

MUN3 (Copy 10)	21.03.2022	12876	00:11:01	26.4	14.4	-1.35	-1.41	1.05	0.176117	0.001294	0.004003	0.000014	0.282110	0.000063	0.000066	0.282087	0.000030	0.000032	*a*	0.282087	0.000030	0.000032
MUN3 (Copy 11)	21.03.2022	12876	00:39:46	29.7	12.4	-1.36	-1.42	1.04	0.160235	0.000855	0.003905	0.000006	0.282093	0.000066	0.000069	0.282066	0.000031	0.000033	*a*	0.282066	0.000031	0.000033
MUN3 (Copy 12)	21.03.2022	12876	01:06:29	27.4	13.3	-1.35	-1.41	1.04	0.159004	0.001052	0.003728	0.000003	0.282170	0.000069	0.000072	0.282115	0.000032	0.000034	*a*	0.282115	0.000032	0.000034
MUN3 (Copy 13)	21.03.2022	12876	01:31:52	27.2	14.0	-1.36	-1.41	1.04	0.175930	0.001339	0.004035	0.000009	0.282114	0.000069	0.000073	0.282046	0.000035	0.000037	*b*	0.282114	0.000035	0.000037
MUN3 (Copy 14)	21.03.2022	12876	01:56:02	21.1	14.0	-1.36	-1.41	1.03	0.174537	0.001357	0.004065	0.000012	0.282123	0.000078	0.000082	0.282037	0.000036	0.000037	*b*	0.282123	0.000036	0.000037
MUN3 (Copy 15)	21.03.2022	12876	02:19:12	26.1	13.6	-1.36	-1.41	1.04	0.179184	0.001620	0.004091	0.000015	0.282102	0.000075	0.000079	0.282016	0.000035	0.000037	*b*	0.282102	0.000035	0.000037
MUN3 (Copy 16)	21.03.2022	12876	02:41:23	23.8	13.2	-1.37	-1.41	1.03	0.172661	0.001726	0.004020	0.000009	0.282155	0.000066	0.000069	0.282071	0.000032	0.000034	*b*	0.282155	0.000032	0.000034
MUN3 (Copy 17)	21.03.2022	12876	03:02:37	18.2	13.5	-1.36	-1.42	1.04	0.172336	0.001205	0.004059	0.000014	0.282119	0.000081	0.000085	0.282067	0.000044	0.000046	*a*	0.282067	0.000044	0.000046
MUN3 (Copy 18)	21.03.2022	12876	03:22:58	20.9	14.2	-1.37	-1.41	1.03	0.169517	0.001985	0.003926	0.000009	0.282164	0.000074	0.000078	0.282093	0.000036	0.000038	*b*	0.282164	0.000036	0.000038
MUN3 (Copy 19)	21.03.2022	12876	03:42:52	19.6	13.7	-1.38	-1.41	1.02	0.169139	0.001894	0.003955	0.000008	0.282170	0.000079	0.000083	0.282072	0.000038	0.000040	*b*	0.282170	0.000038	0.000040
MUN3 (Copy 20)	21.03.2022	12876	04:02:07	14.4	13.6	-1.37	-1.40	1.02	0.164520	0.000858	0.003930	0.000012	0.282169	0.000099	0.000104	0.282045	0.000051	0.000054	*b*	0.282169	0.000051	0.000054
MUN3 (Copy 21)	21.03.2022	12876	04:20:45	14.6	13.5	-1.37	-1.40	1.03	0.163954	0.000973	0.003931	0.000014	0.282107	0.000110	0.000115	0.282068	0.000055	0.000057	*a*	0.282068	0.000055	0.000057
MUN3 (Copy 22)	21.03.2022	12876	04:38:44	15.4	14.4	-1.37	-1.39	1.01	0.164352	0.001678	0.003866	0.000010	0.282199	0.000091	0.000095	0.282116	0.000040	0.000042	*b*	0.282199	0.000040	0.000042
MUN3 (Copy 23)	21.03.2022	12876	04:56:26	19.5	13.4	-1.38	-1.40	1.02	0.165265	0.001525	0.003962	0.000017	0.282151	0.000083	0.000087	0.282079	0.000039	0.000041	*b*	0.282151	0.000039	0.000041
MUN3 (Copy 24)	21.03.2022	12876	05:13:16	14.4	13.9	-1.38	-1.40	1.01	0.165695	0.001895	0.003926	0.000014	0.282203	0.000100	0.000105	0.282100	0.000053	0.000056	*b*	0.282203	0.000053	0.000056
MUN3 (Copy 25)	21.03.2022	12876	05:24:31	14.3	13.6	-1.38	-1.40	1.02	0.166109	0.001598	0.003893	0.000013	0.282122	0.000103	0.000108	0.282057	0.000046	0.000048	*b*	0.282122	0.000046	0.000048
MUN 3	23.09.2022	13154	12:23:51	41.2	15.8	1.47	-1.26	12.59	0.004303	0.000001	0.282080	0.000024	-1.297895	0.011104	0.011659	0.282077	0.000024	0.000025	*a*	0.282077	0.000024	0.000025
MUN 3 (Copy 1)	23.09.2022	13154	13:21:09	41.0	17.8	1.47	-1.23	14.29	0.004016	0.000004	0.282096	0.000022	-1.269423	0.011007	0.011558	0.282091	0.000022	0.000023	*a*	0.282091	0.000022	0.000023
MUN 3 (Copy 3)	23.09.2022	13154	14:36:00	41.0	16.0	1.47	-1.21	12.90	0.004077	0.000003	0.282134	0.000022	-1.260544	0.011975	0.012574	0.282127	0.000022	0.000024	*a*	0.282127	0.000022	0.000024
MUN 3	23.09.2022	13154	16:02:29	41.0	16.4	1.47	-1.21	12.25	0.005431	0.000005	0.282154	0.000025	-1.270637	0.010135	0.010642	0.282144	0.000025	0.000026	*a*	0.282144	0.000025	0.000026
MUN 3	22.09.2022	13152	12:32:59	41.1	21.5	-1.31	-1.34	1.02	0.203957	0.001201	0.004674	0.000012	0.282187	0.000043	0.000045	0.282121	0.000020	0.000021	*b*	0.282187	0.000020	0.000021
MUN 3 (Copy 1)	22.09.2022	13152	13:30:15	41.0	19.4	-1.29	-1.34	1.04	0.233659	0.001457	0.005461	0.000012	0.282143	0.000047	0.000049	0.282116	0.000022	0.000024	*a*	0.282116	0.000022	0.000024
MUN 3 (Copy 3)	22.09.2022	13152	14:46:18	41.1	22.5	-1.28	-1.32	1.03	0.184516	0.000666	0.004380	0.000022	0.282146	0.000038	0.000039	0.282101	0.000019	0.000020	*a*	0.282101	0.000019	0.000020
MUN 3	26.09.2022	13156	14:20:11	41.0	14.2	-1.16	-1.20	1.04	0.181305	0.001666	0.004653	0.000005	0.282141	0.000053	0.000056	0.282101	0.000026	0.000027	*a*	0.282101	0.000026	0.000027
MUN 3 (Copy 1)	26.09.2022	13156	15:33:47	41.2	14.5	-1.10	-1.16	1.06	0.166371	0.001223	0.004388	0.000004	0.282081	0.000051	0.000054	0.282083	0.000024	0.000025	*a*	0.282083	0.000024	0.000025
MUN 3 (Copy 2)	26.09.2022	13156	16:41:36	41.1	14.4	-1.07	-1.12	1.05	0.165553	0.001132	0.004392	0.000004	0.282125	0.000055	0.000057	0.282109	0.000026	0.000027	*a*	0.282109	0.000026	0.000027
MUN 3	27.09.2022	13158	11:29:33	41.0	20.2	-1.28	-1.32	1.04	0.250243	0.001603	0.005731	0.000008	0.282153	0.000047	0.000049	0.282141	0.000024	0.000025	*a*	0.282141	0.000024	0.000025
MUN 3 (Copy 1)	27.09.2022	13158	12:33:00	41.1	20.3	-1.26	-1.31	1.04	0.244405	0.001424	0.005689	0.000006	0.282126	0.000047	0.000049	0.282118	0.000025	0.000026	*a*	0.282118	0.000025	0.000026
MUN 3 (Copy 2)	27.09.2022	13158	13:37:54	41.0	21.2	-1.24	-1.28	1.03	0.225712	0.001187	0.005268	0.000005	0.282158	0.000043	0.000045	0.282146	0.000020	0.000021	*a*	0.282146	0.000020	0.000021
MUN 3	27.09.2022	13160	16:07:29	41.0	20.3	-1.26	-1.30	1.04	0.143240	0.000802	0.003251	0.000002	0.282162	0.000038	0.000040	0.282112	0.000020	0.000021	*a*	0.282112	0.000020	0.000021
MUN 3 (Copy 1)	27.09.2022	13160	17:21:02	41.1	20.8	-1.27	-1.30	1.03	0.137074	0.000843	0.003114	0.000002	0.282165	0.000036	0.000038	0.282112	0.000018	0.000018	*a*	0.282112	0.000018	0.000018
MUN 3 (Copy 2)	27.09.2022	13160	18:25:27	41.1	20.7	-1.26	-1.31	1.04	0.204349	0.000732	0.004625	0.000010	0.282145	0.000044	0.000047	0.282111	0.000021	0.000022	*a*	0.282111	0.000021	0.000022

MUN 3	11.10.2022	13231	11:20:22	41.0	15.0	-1.34	-1.39	1.04	0.258403	0.000908	0.006200	0.000025	0.282158	0.000056	0.000059	0.282134	0.000030	0.000031	*a*	0.282134	0.000030	0.000031
MUN 3 (Copy 1)	11.10.2022	13231	12:03:24	41.1	16.2	-1.33	-1.39	1.05	0.275953	0.001679	0.006642	0.000004	0.282055	0.000060	0.000064	0.282102	0.000028	0.000030	*a*	0.282102	0.000028	0.000030
MUN 3 (Copy 2)	11.10.2022	13231	12:46:28	41.1	16.0	-1.32	-1.37	1.04	0.184468	0.002399	0.004519	0.000024	0.282122	0.000049	0.000051	0.282119	0.000024	0.000025	*a*	0.282119	0.000024	0.000025
MUN 3 (Copy 2) (Copy 1)	11.10.2022	13231	13:29:31	41.0	15.1	-1.31	-1.37	1.05	0.154592	0.000819	0.003993	0.000001	0.282109	0.000049	0.000052	0.282146	0.000025	0.000026	*a*	0.282146	0.000025	0.000026
MUN 3	11.10.2022	13232	14:39:40	41.0	15.4	-1.29	-1.35	1.04	0.249565	0.001563	0.006072	0.000009	0.282108	0.000057	0.000060	0.282088	0.000029	0.000031	*a*	0.282088	0.000029	0.000031
MUN 3 (Copy 1)	11.10.2022	13232	15:38:31	41.0	16.2	-1.30	-1.35	1.04	0.258501	0.001730	0.006301	0.000005	0.282110	0.000056	0.000058	0.282089	0.000026	0.000027	*a*	0.282089	0.000026	0.000027
MUN 3 (Copy 2)	11.10.2022	13232	16:37:24	41.1	15.7	-1.29	-1.35	1.05	0.244408	0.002042	0.005926	0.000006	0.282081	0.000059	0.000062	0.282116	0.000027	0.000028	*a*	0.282116	0.000027	0.000028
MUN 3 (Copy 2) (Copy 1)	11.10.2022	13232	17:34:40	41.0	16.3	-1.28	-1.32	1.03	0.253908	0.002211	0.006135	0.000007	0.282179	0.000056	0.000059	0.282150	0.000027	0.000029	*a*	0.282150	0.000027	0.000029
MUN 3 (Copy 2) (Copy 1)	11.10.2022	13232	18:31:57	41.1	16.9	-1.28	-1.34	1.05	0.267096	0.001095	0.006527	0.000012	0.282065	0.000051	0.000054	0.282131	0.000026	0.000027	*b*	0.282065	0.000026	0.000027
MUN 3	13.10.2022	13239	11:36:26	41.0	13.6	-1.34	-1.40	1.05	0.203732	0.002256	0.004981	0.000010	0.282147	0.000057	0.000060	0.282192	0.000029	0.000030	*a*	0.282192	0.000029	0.000030
MUN 3 (Copy 2)	13.10.2022	13239	12:34:59	41.0	14.3	-1.33	-1.38	1.04	0.201247	0.000836	0.005107	0.000018	0.282148	0.000058	0.000061	0.282181	0.000028	0.000029	*a*	0.282181	0.000028	0.000029
MUN 3 (Copy 1) (Copy 1)	13.10.2022	13239	13:27:51	41.0	15.0	-1.32	-1.39	1.05	0.201972	0.001630	0.005086	0.000003	0.282094	0.000054	0.000056	0.282163	0.000027	0.000028	*b*	0.282094	0.000027	0.000028
MUN 3 (Copy 1) (Copy 1)	13.10.2022	13239	14:26:32	41.1	14.9	-1.30	-1.36	1.05	0.207005	0.002028	0.005219	0.000014	0.282103	0.000049	0.000052	0.282168	0.000026	0.000027	*b*	0.282103	0.000026	0.000027
MUN 3 (Copy 1)	13.10.2022	13239	15:25:12	41.0	15.2	-1.29	-1.35	1.04	0.216708	0.001210	0.005401	0.000014	0.282132	0.000050	0.000052	0.282163	0.000027	0.000028	*a*	0.282163	0.000027	0.000028
MUN 3	13.10.2022	13240	16:06:23	41.0	13.2	-1.29	-1.36	1.05	0.161804	0.002066	0.004187	0.000021	0.282117	0.000057	0.000060	0.282183	0.000027	0.000028	*b*	0.282117	0.000027	0.000028
MUN 3 (Copy 2)	13.10.2022	13240	17:03:31	41.1	12.6	-1.29	-1.35	1.04	0.138790	0.002158	0.003766	0.000024	0.282178	0.000056	0.000059	0.282211	0.000027	0.000028	*a*	0.282211	0.000027	0.000028
MUN 3 (Copy 1) (Copy 1)	13.10.2022	13240	18:02:04	41.0	13.5	-1.29	-1.36	1.06	0.151263	0.001925	0.004019	0.000018	0.282097	0.000053	0.000056	0.282190	0.000025	0.000026	*b*	0.282097	0.000025	0.000026
MUN 3 (Copy 1) (Copy 1)	13.10.2022	13240	18:56:21	41.0	13.5	-1.29	-1.35	1.06	0.155631	0.000804	0.004201	0.000010	0.282129	0.000051	0.000053	0.282219	0.000025	0.000026	*b*	0.282129	0.000025	0.000026
MUN 3 (Copy 1)	13.10.2022	13240	19:52:02	41.0	14.2	-1.29	-1.35	1.05	0.198289	0.001089	0.005103	0.000011	0.282118	0.000058	0.000061	0.282218	0.000025	0.000026	*b*	0.282118	0.000025	0.000026
MUN 3	24.10.2022	13256	18:24:30	41.0	14.1	-1.41	-1.47	1.05	0.204185	0.002614	0.004832	0.000024	0.282120	0.000056	0.000059	0.282141	0.000027	0.000028	*a*	0.282141	0.000027	0.000028
MUN 3 (Copy 2)	24.10.2022	13256	19:06:09	41.0	15.1	-1.42	-1.45	1.03	0.189484	0.001555	0.004554	0.000059	0.282174	0.000050	0.000053	0.282116	0.000027	0.000028	*b*	0.282174	0.000027	0.000028
MUN 3 (Copy 1)	24.10.2022	13256	19:59:22	41.1	15.8	-1.41	-1.47	1.04	0.192667	0.001506	0.004635	0.000054	0.282094	0.000048	0.000051	0.282094	0.000024	0.000025	*a*	0.282094	0.000024	0.000025
MUN 3 (Copy 2) (Copy 1)	24.10.2022	13256	20:39:38	41.0	16.0	-1.41	-1.46	1.04	0.211022	0.002340	0.005006	0.000021	0.282175	0.000049	0.000051	0.282128	0.000025	0.000026	*a*	0.282128	0.000025	0.000026
MUN 3 (Copy 2)	26.10.2022	13265	11:06:49	41.0	15.3	-1.36	-1.39	1.03	0.148235	0.001487	0.003664	0.000003	0.282166	0.000046	0.000048	0.282125	0.000022	0.000023	*a*	0.282125	0.000022	0.000023
MUN 3	26.10.2022	13265	12:10:02	41.0	16.3	-1.35	-1.39	1.03	0.144803	0.001295	0.003663	0.000004	0.282141	0.000044	0.000046	0.282117	0.000021	0.000022	*a*	0.282117	0.000021	0.000022
MUN 3 (Copy 1)	26.10.2022	13265	13:13:18	41.1	17.1	-1.34	-1.39	1.04	0.144022	0.001319	0.003652	0.000004	0.282111	0.000044	0.000046	0.282091	0.000022	0.000023	*a*	0.282091	0.000022	0.000023
MUN 3 (Copy 1)	26.10.2022	13265	14:14:55	41.1	17.6	-1.35	-1.38	1.03	0.143632	0.001287	0.003654	0.000005	0.282164	0.000042	0.000044	0.282123	0.000020	0.000021	*a*	0.282123	0.000020	0.000021
MUN 3 (Copy 2)	26.10.2022	13266	15:10:36	41.3	17.7	-1.34	-1.39	1.04	0.149480	0.001560	0.003722	0.000005	0.282129	0.000042	0.000044	0.282131	0.000020	0.000021	*a*	0.282131	0.000020	0.000021
MUN 3	26.10.2022	13266	16:12:15	41.0	18.1	-1.35	-1.38	1.03	0.147089	0.001421	0.003723	0.000006	0.282143	0.000040	0.000042	0.282104	0.000021	0.000022	*a*	0.282104	0.000021	0.000022
MUN 3 (Copy 1)	26.10.2022	13266	17:13:54	41.0	17.7	-1.34	-1.39	1.03	0.145768	0.001404	0.003689	0.000005	0.282124	0.000042	0.000044	0.282102	0.000021	0.000022	*a*	0.282102	0.000021	0.000022
MUN 3 (Copy 1)	26.10.2022	13266	18:15:35	41.0	17.6	-1.35	-1.37	1.02	0.143471	0.001301	0.003668	0.000005	0.282176	0.000042	0.000044	0.282113	0.000022	0.000023	*b*	0.282176	0.000022	0.000023
MUN 3 (Copy 1) (Copy 1)	26.10.2022	13266	19:17:34	41.0	17.8	-1.34	-1.37	1.03	0.142781	0.001203	0.003689	0.000005	0.282137	0.000044	0.000046	0.282107	0.000020	0.000021	*a*	0.282107	0.000020	0.000021

MUN 3 (Copy 2)	27.10.2022	13268	11:11:23	41.1	16.9	-1.38	-1.42	1.03	0.158098	0.001525	0.003887	0.000004	0.282124	0.000046	0.000049	0.282122	0.000023	0.000025	*a*	0.282122	0.000023	0.000025
MUN 3	27.10.2022	13268	12:13:21	41.1	17.5	-1.37	-1.40	1.03	0.150944	0.001450	0.003813	0.000005	0.282145	0.000043	0.000045	0.282131	0.000020	0.000021	*a*	0.282131	0.000020	0.000021
MUN 3 (Copy 1)	27.10.2022	13268	13:15:20	41.1	17.3	-1.36	-1.40	1.03	0.151089	0.001365	0.003834	0.000006	0.282129	0.000044	0.000046	0.282103	0.000021	0.000022	*a*	0.282103	0.000021	0.000022
MUN 3 (Copy 1)	27.10.2022	13268	14:17:18	41.0	17.4	-1.35	-1.38	1.03	0.146672	0.001327	0.003775	0.000006	0.282159	0.000040	0.000042	0.282101	0.000019	0.000020	*b*	0.282159	0.000019	0.000020
MUN3	21.11.2022	13283	17:44:35	41.1	11.6	-1.34	-1.40	1.04	0.166154	0.001742	0.003802	0.000005	0.282102	0.000059	0.000062	0.282037	0.000027	0.000028	*b*	0.282102	0.000027	0.000028
MUN3 (Copy 1)	21.11.2022	13283	19:02:53	41.0	11.7	-1.34	-1.39	1.03	0.167992	0.001795	0.003814	0.000006	0.282185	0.000062	0.000065	0.282106	0.000028	0.000030	*b*	0.282185	0.000028	0.000030
MUN3 (Copy 1) (Copy 1)	21.11.2022	13283	20:21:13	41.0	12.0	-1.34	-1.38	1.03	0.163717	0.001528	0.003769	0.000005	0.282221	0.000057	0.000060	0.282168	0.000027	0.000028	*a*	0.282168	0.000027	0.000028
MUN3 (Copy 1) (Copy 1) (Copy 1)	21.11.2022	13283	21:58:15	41.0	12.2	-1.35	-1.36	1.01	0.167468	0.001768	0.003790	0.000006	0.282358	0.000059	0.000062	0.282303	0.000027	0.000029	*a*	0.282303	0.000027	0.000029

MUN4	14.02.2022	12849	18:21:26	38.1	10.3	-1.31	-1.39	1.06	0.291612	0.001556	0.006384	0.000005	0.282090	0.000085	0.000090	0.282099	0.000041	0.000043	*a*	0.282099	0.000041	0.000043
MUN4 (Copy 1)	14.02.2022	12849	18:58:07	38.0	11.5	-1.32	-1.39	1.05	0.299190	0.000961	0.006443	0.000017	0.282121	0.000079	0.000082	0.282119	0.000041	0.000043	*a*	0.282119	0.000041	0.000043
MUN4 (Copy 2)	14.02.2022	12849	19:33:27	38.0	11.3	-1.32	-1.38	1.04	0.233495	0.001766	0.005307	0.000041	0.282197	0.000072	0.000075	0.282167	0.000036	0.000037	*a*	0.282167	0.000036	0.000037
MUN4 (Copy 3)	14.02.2022	12849	20:10:09	38.0	11.2	-1.32	-1.39	1.05	0.269014	0.001627	0.005946	0.000048	0.282168	0.000080	0.000084	0.282160	0.000040	0.000042	*a*	0.282160	0.000040	0.000042
MUN4 (Copy 5)	14.02.2022	12849	20:46:50	38.0	12.4	-1.32	-1.39	1.05	0.306171	0.000908	0.006619	0.000028	0.282136	0.000080	0.000084	0.282115	0.000042	0.000044	*a*	0.282115	0.000042	0.000044
MUN4 (Copy 4)	14.02.2022	12849	21:23:32	38.1	12.4	-1.32	-1.39	1.06	0.298690	0.000774	0.006436	0.000017	0.282130	0.000074	0.000077	0.282142	0.000039	0.000041	*a*	0.282142	0.000039	0.000041
MUN4 (Copy 6)	14.02.2022	12849	21:58:58	38.1	11.6	-1.32	-1.39	1.05	0.294614	0.001456	0.006355	0.000004	0.282130	0.000081	0.000085	0.282134	0.000039	0.000040	*a*	0.282134	0.000039	0.000040
MUN4 (Copy 7)	14.02.2022	12849	22:33:02	38.0	12.7	-1.33	-1.40	1.05	0.294137	0.000478	0.006455	0.000017	0.282106	0.000070	0.000073	0.282097	0.000037	0.000039	*a*	0.282097	0.000037	0.000039
MUN4 (Copy 4)	21.02.2022	12859	11:34:10	38.0	14.6	-1.55	-1.50	0.97	0.386949	0.001458	0.007491	0.000010	0.282134	0.000071	0.000074	0.282118	0.000039	0.000040	*a*	0.282118	0.000039	0.000040
MUN4	21.02.2022	12859	11:53:16	38.1	14.7	-1.55	-1.50	0.97	0.406785	0.002563	0.007483	0.000011	0.282113	0.000070	0.000073	0.282118	0.000040	0.000042	*a*	0.282118	0.000040	0.000042
MUN4 (Copy 2)	21.02.2022	12859	12:30:20	38.0	14.8	-1.56	-1.50	0.96	0.383092	0.002166	0.007512	0.000007	0.282154	0.000076	0.000080	0.282158	0.000040	0.000042	*a*	0.282158	0.000040	0.000042

MUN4 (Copy 3)	21.02.2022	12859	13:03:21	38.0	14.8	-1.55	-1.49	0.96	0.374810	0.001845	0.007402	0.000010	0.282208	0.000069	0.000073	0.282183	0.000039	0.000041	*a*	0.282183	0.000039	0.000041
MUN4 (Copy 5)	21.02.2022	12859	13:39:02	38.0	15.1	-1.52	-1.49	0.98	0.388448	0.003295	0.007296	0.000014	0.282139	0.000069	0.000072	0.282154	0.000038	0.000040	*a*	0.282154	0.000038	0.000040
MUN4 (Copy 1)	21.02.2022	12859	14:16:04	38.1	15.2	-1.51	-1.49	0.99	0.380140	0.003078	0.007250	0.000014	0.282071	0.000063	0.000067	0.282092	0.000037	0.000039	*a*	0.282092	0.000037	0.000039
MUN4 (Copy 7)	21.02.2022	12859	14:50:24	38.0	14.8	-1.50	-1.49	0.99	0.389708	0.002884	0.007380	0.000012	0.282120	0.000072	0.000075	0.282106	0.000040	0.000042	*a*	0.282106	0.000040	0.000042
MUN4 (Copy 6)	21.02.2022	12859	15:11:03	38.0	15.2	-1.50	-1.49	0.99	0.389849	0.003160	0.007339	0.000014	0.282112	0.000074	0.000078	0.282110	0.000039	0.000041	*a*	0.282110	0.000039	0.000041
MUN4	20.03.2022	12876	18:14:42	39.7	13.0	-1.33	-1.40	1.06	0.282154	0.001573	0.006229	0.000031	0.282150	0.000068	0.000071	0.282147	0.000034	0.000036	*a*	0.282147	0.000034	0.000036
MUN4 (Copy 1)	20.03.2022	12876	18:51:18	39.7	13.2	-1.34	-1.41	1.05	0.255943	0.001916	0.005750	0.000059	0.282165	0.000066	0.000070	0.282148	0.000031	0.000033	*a*	0.282148	0.000031	0.000033
MUN4 (Copy 2)	20.03.2022	12876	19:27:55	39.8	13.7	-1.34	-1.41	1.06	0.260175	0.001924	0.005802	0.000057	0.282140	0.000065	0.000069	0.282124	0.000032	0.000033	*a*	0.282124	0.000032	0.000033
MUN4 (Copy 3)	20.03.2022	12876	20:04:31	40.1	13.3	-1.34	-1.42	1.06	0.251937	0.001952	0.005683	0.000059	0.282073	0.000063	0.000066	0.282076	0.000030	0.000031	*a*	0.282076	0.000030	0.000031
MUN4 (Copy 4)	20.03.2022	12876	20:41:09	40.2	13.2	-1.35	-1.42	1.05	0.252520	0.001357	0.005670	0.000048	0.282097	0.000067	0.000070	0.282066	0.000034	0.000036	*a*	0.282066	0.000034	0.000036
MUN4 (Copy 5)	20.03.2022	12876	21:17:47	40.0	13.8	-1.33	-1.41	1.06	0.257227	0.001886	0.005756	0.000057	0.282085	0.000064	0.000067	0.282088	0.000030	0.000031	*a*	0.282088	0.000030	0.000031
MUN4 (Copy 6)	20.03.2022	12876	21:54:25	39.9	14.3	-1.34	-1.41	1.06	0.267996	0.001716	0.005894	0.000050	0.282117	0.000064	0.000067	0.282123	0.000032	0.000033	*a*	0.282123	0.000032	0.000033
MUN4 (Copy 7)	20.03.2022	12876	22:31:06	39.9	13.8	-1.33	-1.41	1.06	0.264331	0.001812	0.005864	0.000055	0.282094	0.000067	0.000071	0.282106	0.000033	0.000034	*a*	0.282106	0.000033	0.000034
MUN4 (Copy 8)	20.03.2022	12876	23:07:33	40.0	13.7	-1.35	-1.40	1.05	0.254578	0.001539	0.005690	0.000051	0.282180	0.000064	0.000067	0.282135	0.000029	0.000031	*a*	0.282135	0.000029	0.000031
MUN4 (Copy 9)	20.03.2022	12876	23:41:02	40.3	13.5	-1.35	-1.41	1.04	0.259277	0.001207	0.005754	0.000037	0.282120	0.000066	0.000069	0.282086	0.000031	0.000032	*a*	0.282086	0.000031	0.000032
MUN4 (Copy 10)	21.03.2022	12876	00:12:09	27.3	13.9	-1.34	-1.41	1.05	0.262452	0.001390	0.005822	0.000060	0.282081	0.000075	0.000079	0.282095	0.000039	0.000041	*a*	0.282095	0.000039	0.000041
MUN4 (Copy 11)	21.03.2022	12876	00:40:44	27.4	14.1	-1.34	-1.41	1.05	0.260529	0.001776	0.005779	0.000065	0.282111	0.000082	0.000086	0.282102	0.000040	0.000042	*a*	0.282102	0.000040	0.000042
MUN4 (Copy 12)	21.03.2022	12876	01:07:30	27.0	13.6	-1.34	-1.41	1.06	0.259937	0.001714	0.005823	0.000045	0.282086	0.000078	0.000082	0.282092	0.000036	0.000038	*a*	0.282092	0.000036	0.000038
MUN4 (Copy 13)	21.03.2022	12876	01:32:47	26.9	14.5	-1.33	-1.41	1.06	0.270556	0.002429	0.005819	0.000062	0.282068	0.000075	0.000078	0.282110	0.000035	0.000037	*a*	0.282110	0.000035	0.000037
MUN4 (Copy 14)	21.03.2022	12876	01:56:52	26.9	14.8	-1.34	-1.40	1.05	0.272621	0.002285	0.005851	0.000055	0.282168	0.000078	0.000082	0.282156	0.000037	0.000039	*a*	0.282156	0.000037	0.000039
MUN4 (Copy 15)	21.03.2022	12876	02:20:06	23.3	13.2	-1.35	-1.42	1.05	0.264779	0.001803	0.005822	0.000049	0.282109	0.000096	0.000101	0.282093	0.000042	0.000044	*a*	0.282093	0.000042	0.000044
MUN4 (Copy 16)	21.03.2022	12876	02:42:09	23.7	13.6	-1.35	-1.42	1.05	0.263930	0.001848	0.005871	0.000052	0.282121	0.000088	0.000092	0.282102	0.000045	0.000047	*a*	0.282102	0.000045	0.000047
MUN4 (Copy 17)	21.03.2022	12876	03:03:24	17.9	13.2	-1.34	-1.41	1.05	0.263660	0.002418	0.005844	0.000056	0.282162	0.000100	0.000105	0.282146	0.000050	0.000052	*a*	0.282146	0.000050	0.000052
MUN4 (Copy 18)	21.03.2022	12876	03:23:41	24.9	13.9	-1.34	-1.41	1.05	0.281856	0.001320	0.006080	0.000054	0.282180	0.000087	0.000092	0.282188	0.000041	0.000043	*a*	0.282188	0.000041	0.000043
MUN4 (Copy 19)	21.03.2022	12876	03:43:35	19.8	14.4	-1.34	-1.41	1.05	0.282887	0.001897	0.006085	0.000052	0.282191	0.000088	0.000093	0.282203	0.000047	0.000049	*a*	0.282203	0.000047	0.000049
MUN4 (Copy 20)	21.03.2022	12876	04:02:48	15.6	14.4	-1.34	-1.41	1.05	0.269752	0.002326	0.006022	0.000064	0.282146	0.000106	0.000111	0.282197	0.000049	0.000052	*a*	0.282197	0.000049	0.000052
MUN4 (Copy 21)	21.03.2022	12876	04:21:19	22.8	13.3	-1.36	-1.40	1.03	0.275757	0.000883	0.005983	0.000035	0.282223	0.000083	0.000087	0.282177	0.000040	0.000042	*a*	0.282177	0.000040	0.000042
MUN4 (Copy 22)	21.03.2022	12876	04:39:27	14.9	12.9	-1.35	-1.40	1.03	0.261905	0.002358	0.005936	0.000056	0.282258	0.000116	0.000122	0.282204	0.000055	0.000058	*a*	0.282204	0.000055	0.000058
MUN4 (Copy 23)	21.03.2022	12876	04:57:01	17.7	14.0	-1.36	-1.40	1.04	0.278617	0.001767	0.006022	0.000049	0.282157	0.000088	0.000092	0.282173	0.000045	0.000047	*a*	0.282173	0.000045	0.000047
MUN4 (Copy 24)	21.03.2022	12876	05:13:53	19.2	14.3	-1.36	-1.39	1.03	0.285457	0.001950	0.006258	0.000049	0.282220	0.000090	0.000094	0.282190	0.000046	0.000048	*a*	0.282190	0.000046	0.000048
MUN4 (Copy 25)	21.03.2022	12876	05:25:07	18.6	14.2	-1.36	-1.40	1.03	0.288326	0.001511	0.006363	0.000038	0.282170	0.000086	0.000090	0.282175	0.000047	0.000049	*a*	0.282175	0.000047	0.000049

MUN 4	23.09.2022	13154	12:25:17	41.1	15.6	1.47	-1.25	11.95	0.005371	0.000105	0.282095	0.000028	-1.306799	0.010367	0.010886	0.282092	0.000028	0.000029	*a*	0.282092	0.000028	0.000029
MUN 4 (Copy 1)	23.09.2022	13154	13:22:35	41.0	15.6	1.47	-1.23	11.84	0.005480	0.000094	0.282119	0.000026	-1.281056	0.009988	0.010487	0.282114	0.000026	0.000028	*a*	0.282114	0.000026	0.000028
MUN 4 (Copy 3)	23.09.2022	13154	14:37:26	41.0	15.8	1.47	-1.21	12.07	0.005401	0.000112	0.282132	0.000025	-1.264199	0.009976	0.010475	0.282125	0.000025	0.000026	*a*	0.282125	0.000025	0.000026
MUN 4	23.09.2022	13154	16:03:54	41.0	16.3	1.47	-1.21	12.45	0.005391	0.000070	0.282120	0.000026	-1.260594	0.010148	0.010656	0.282110	0.000026	0.000027	*a*	0.282110	0.000026	0.000027
MUN 4	22.09.2022	13152	12:34:24	41.0	18.6	-1.31	-1.36	1.04	0.216835	0.001929	0.005243	0.000074	0.282107	0.000048	0.000051	0.282111	0.000024	0.000025	*a*	0.282111	0.000024	0.000025
MUN 4 (Copy 1)	22.09.2022	13152	13:31:41	41.0	18.5	-1.30	-1.35	1.04	0.220331	0.002528	0.005369	0.000091	0.282110	0.000045	0.000048	0.282103	0.000023	0.000024	*a*	0.282103	0.000023	0.000024
MUN 4 (Copy 3)	22.09.2022	13152	14:47:43	41.1	18.2	-1.29	-1.34	1.04	0.205651	0.001030	0.005047	0.000049	0.282116	0.000043	0.000045	0.282100	0.000022	0.000023	*a*	0.282100	0.000022	0.000023
MUN 4	26.09.2022	13156	14:21:37	41.0	15.8	-1.16	-1.21	1.05	0.273383	0.002270	0.007206	0.000016	0.282114	0.000058	0.000060	0.282107	0.000028	0.000030	*a*	0.282107	0.000028	0.000030
MUN 4 (Copy 1)	26.09.2022	13156	15:35:12	41.0	15.5	-1.10	-1.16	1.06	0.263148	0.001373	0.007104	0.000017	0.282094	0.000058	0.000061	0.282074	0.000031	0.000032	*a*	0.282074	0.000031	0.000032
MUN 4 (Copy 2)	26.09.2022	13156	16:43:01	41.1	15.6	-1.07	-1.13	1.05	0.263443	0.001174	0.007179	0.000018	0.282120	0.000056	0.000059	0.282106	0.000028	0.000029	*a*	0.282106	0.000028	0.000029
MUN 4	27.09.2022	13158	11:30:58	41.0	22.9	-1.27	-1.34	1.05	0.391781	0.002339	0.008807	0.000014	0.282069	0.000051	0.000054	0.282220	0.000029	0.000031	*b*	0.282069	0.000029	0.000031
MUN 4 (Copy 1)	27.09.2022	13158	12:34:25	41.0	22.5	-1.25	-1.32	1.06	0.387411	0.002127	0.008861	0.000010	0.282044	0.000052	0.000054	0.282176	0.000028	0.000030	*b*	0.282044	0.000028	0.000030
MUN 4 (Copy 2)	27.09.2022	13158	13:39:19	41.0	22.7	-1.23	-1.30	1.06	0.396602	0.002320	0.009072	0.000008	0.282096	0.000054	0.000057	0.282272	0.000031	0.000033	*b*	0.282096	0.000031	0.000033
MUN 4	27.09.2022	13160	16:08:54	41.1	21.4	-1.26	-1.32	1.04	0.304425	0.001929	0.006910	0.000015	0.282088	0.000047	0.000049	0.282083	0.000026	0.000027	*a*	0.282083	0.000026	0.000027
MUN 4 (Copy 1)	27.09.2022	13160	17:22:27	41.1	22.1	-1.26	-1.32	1.04	0.328668	0.002034	0.007450	0.000024	0.282118	0.000047	0.000050	0.282106	0.000025	0.000026	*a*	0.282106	0.000025	0.000026
MUN 4 (Copy 2)	27.09.2022	13160	18:26:52	41.1	22.0	-1.26	-1.31	1.04	0.313458	0.001683	0.007179	0.000020	0.282115	0.000050	0.000052	0.282099	0.000025	0.000026	*a*	0.282099	0.000025	0.000026
MUN 4	11.10.2022	13231	11:21:47	41.0	12.7	-1.35	-1.40	1.04	0.221117	0.002445	0.005470	0.000018	0.282126	0.000062	0.000065	0.282120	0.000032	0.000033	*a*	0.282120	0.000032	0.000033
MUN 4 (Copy 1)	11.10.2022	13231	12:04:50	41.0	12.8	-1.34	-1.39	1.04	0.226007	0.001802	0.005588	0.000007	0.282118	0.000061	0.000064	0.282123	0.000031	0.000033	*a*	0.282123	0.000031	0.000033
MUN 4 (Copy 2)	11.10.2022	13231	12:47:53	41.0	13.2	-1.33	-1.37	1.04	0.208283	0.001228	0.005253	0.000012	0.282155	0.000059	0.000062	0.282144	0.000028	0.000029	*a*	0.282144	0.000028	0.000029
MUN 4 (Copy 2) (Copy 1)	11.10.2022	13231	13:30:56	41.0	13.5	-1.31	-1.36	1.04	0.176997	0.001154	0.004481	0.000032	0.282144	0.000055	0.000058	0.282149	0.000027	0.000028	*a*	0.282149	0.000027	0.000028
MUN 4	11.10.2022	13232	14:41:05	41.0	15.5	-1.30	-1.36	1.05	0.267153	0.001318	0.006631	0.000067	0.282086	0.000059	0.000062	0.282096	0.000031	0.000032	*a*	0.282096	0.000031	0.000032
MUN 4 (Copy 1)	11.10.2022	13232	15:39:56	41.1	14.6	-1.30	-1.35	1.04	0.236862	0.000965	0.006025	0.000014	0.282112	0.000058	0.000060	0.282085	0.000029	0.000030	*a*	0.282085	0.000029	0.000030
MUN 4 (Copy 2)	11.10.2022	13232	16:38:49	41.0	16.8	-1.29	-1.36	1.05	0.308975	0.007076	0.007643	0.000189	0.282056	0.000052	0.000055	0.282095	0.000029	0.000030	*a*	0.282095	0.000029	0.000030
MUN 4 (Copy 2) (Copy 1)	11.10.2022	13232	17:36:06	41.0	22.4	-1.29	-1.33	1.04	0.429460	0.004505	0.009541	0.000026	0.282107	0.000052	0.000055	0.282078	0.000031	0.000032	*a*	0.282078	0.000031	0.000032
MUN 4 (Copy 2) (Copy 1)	11.10.2022	13232	18:33:22	41.0	14.4	-1.28	-1.33	1.04	0.221357	0.001033	0.005713	0.000009	0.282130	0.000056	0.000059	0.282163	0.000027	0.000029	*a*	0.282163	0.000027	0.000029
MUN 4	13.10.2022	13239	11:37:51	41.0	14.7	-1.35	-1.39	1.03	0.281881	0.001197	0.006755	0.000039	0.282149	0.000060	0.000063	0.282129	0.000029	0.000031	*a*	0.282129	0.000029	0.000031
MUN 4 (Copy 2)	13.10.2022	13239	12:36:24	41.0	16.4	-1.33	-1.38	1.04	0.282538	0.001565	0.006940	0.000018	0.282129	0.000060	0.000063	0.282150	0.000029	0.000031	*a*	0.282150	0.000029	0.000031
MUN 4 (Copy 1) (Copy 1)	13.10.2022	13239	13:29:16	41.0	18.6	-1.32	-1.37	1.03	0.328679	0.001942	0.007909	0.000012	0.282118	0.000051	0.000054	0.282110	0.000029	0.000030	*a*	0.282110	0.000029	0.000030
MUN 4 (Copy 1) (Copy 1)	13.10.2022	13239	14:27:57	41.1	19.2	-1.31	-1.35	1.03	0.311044	0.004642	0.007670	0.000054	0.282142	0.000051	0.000054	0.282134	0.000027	0.000028	*a*	0.282134	0.000027	0.000028

MUN 4 (Copy 1)	13.10.2022	13239	15:26:37	41.0	20.1	-1.30	-1.34	1.04	0.341604	0.002807	0.008140	0.000003	0.282085	0.000053	0.000056	0.282075	0.000030	0.000031	*a*	0.282075	0.000030	0.000031
MUN 4	13.10.2022	13240	16:07:48	41.0	18.1	-1.29	-1.34	1.04	0.314550	0.002198	0.007602	0.000010	0.282094	0.000055	0.000058	0.282110	0.000027	0.000028	*a*	0.282110	0.000027	0.000028
MUN 4 (Copy 2)	13.10.2022	13240	17:04:57	41.0	19.8	-1.29	-1.34	1.03	0.325873	0.002565	0.007793	0.000002	0.282093	0.000054	0.000057	0.282092	0.000027	0.000028	*a*	0.282092	0.000027	0.000028
MUN 4 (Copy 1) (Copy 1)	13.10.2022	13240	18:03:29	41.1	20.9	-1.29	-1.33	1.03	0.327794	0.002308	0.007746	0.000004	0.282126	0.000049	0.000052	0.282126	0.000027	0.000028	*a*	0.282126	0.000027	0.000028
MUN 4 (Copy 1) (Copy 1)	13.10.2022	13240	18:57:47	41.0	21.2	-1.29	-1.32	1.03	0.324075	0.002572	0.007683	0.000001	0.282129	0.000048	0.000050	0.282121	0.000025	0.000026	*a*	0.282121	0.000025	0.000026
MUN 4 (Copy 1)	13.10.2022	13240	19:53:27	41.1	21.8	-1.29	-1.33	1.03	0.318266	0.002431	0.007502	0.000003	0.282117	0.000048	0.000050	0.282114	0.000024	0.000025	*a*	0.282114	0.000024	0.000025
MUN 4	24.10.2022	13256	18:25:55	41.1	13.2	-1.42	-1.48	1.04	0.255643	0.001094	0.006247	0.000016	0.282114	0.000065	0.000068	0.282106	0.000032	0.000034	*a*	0.282106	0.000032	0.000034
MUN 4 (Copy 2)	24.10.2022	13256	19:07:35	41.0	13.0	-1.42	-1.48	1.04	0.255976	0.001543	0.006268	0.000004	0.282175	0.000069	0.000072	0.282147	0.000031	0.000032	*a*	0.282147	0.000031	0.000032
MUN 4 (Copy 1)	24.10.2022	13256	20:00:47	41.0	13.4	-1.42	-1.48	1.04	0.253188	0.000676	0.006166	0.000019	0.282147	0.000061	0.000064	0.282137	0.000030	0.000032	*a*	0.282137	0.000030	0.000032
MUN 4 (Copy 2) (Copy 1)	24.10.2022	13256	20:41:03	41.1	13.7	-1.42	-1.48	1.05	0.237715	0.001086	0.005845	0.000010	0.282096	0.000061	0.000064	0.282094	0.000029	0.000030	*a*	0.282094	0.000029	0.000030
MUN 4 (Copy 2)	26.10.2022	13265	11:08:14	41.0	13.7	-1.37	-1.42	1.04	0.259013	0.002322	0.006475	0.000006	0.282156	0.000063	0.000066	0.282149	0.000031	0.000032	*a*	0.282149	0.000031	0.000032
MUN 4	26.10.2022	13265	12:11:27	41.1	15.7	-1.35	-1.40	1.04	0.280035	0.001228	0.007044	0.000030	0.282169	0.000058	0.000061	0.282159	0.000029	0.000031	*a*	0.282159	0.000029	0.000031
MUN 4 (Copy 1)	26.10.2022	13265	13:14:43	41.1	15.4	-1.35	-1.41	1.05	0.253819	0.001584	0.006526	0.000011	0.282071	0.000058	0.000061	0.282094	0.000029	0.000030	*a*	0.282094	0.000029	0.000030
MUN 4 (Copy 1)	26.10.2022	13265	14:16:20	41.0	14.7	-1.35	-1.40	1.04	0.241503	0.001433	0.006213	0.000016	0.282140	0.000058	0.000061	0.282125	0.000028	0.000030	*a*	0.282125	0.000028	0.000030
MUN 4 (Copy 2)	26.10.2022	13266	15:12:01	41.0	20.6	-1.35	-1.39	1.04	0.330889	0.001991	0.008186	0.000012	0.282115	0.000047	0.000050	0.282103	0.000027	0.000028	*a*	0.282103	0.000027	0.000028
MUN 4	26.10.2022	13266	16:13:40	41.0	14.9	-1.35	-1.40	1.03	0.238801	0.001461	0.006195	0.000010	0.282149	0.000058	0.000061	0.282132	0.000030	0.000031	*a*	0.282132	0.000030	0.000031
MUN 4 (Copy 1)	26.10.2022	13266	17:15:20	41.0	15.7	-1.35	-1.40	1.04	0.248473	0.001434	0.006437	0.000010	0.282089	0.000059	0.000062	0.282106	0.000029	0.000031	*a*	0.282106	0.000029	0.000031
MUN 4 (Copy 1)	26.10.2022	13266	18:17:00	41.1	14.5	-1.34	-1.39	1.04	0.229092	0.001566	0.005852	0.000009	0.282141	0.000053	0.000055	0.282130	0.000028	0.000030	*a*	0.282130	0.000028	0.000030
MUN 4 (Copy 1) (Copy 1)	26.10.2022	13266	19:18:59	41.1	14.9	-1.34	-1.39	1.04	0.242791	0.001757	0.006320	0.000004	0.282134	0.000059	0.000062	0.282144	0.000028	0.000029	*a*	0.282144	0.000028	0.000029
MUN 4 (Copy 2)	27.10.2022	13268	11:12:48	41.2	22.4	-1.38	-1.43	1.04	0.454131	0.005797	0.010202	0.000052	0.282114	0.000056	0.000059	0.282139	0.000034	0.000035	*a*	0.282139	0.000034	0.000035
MUN 4	27.10.2022	13268	12:14:46	41.0	24.1	-1.37	-1.41	1.03	0.443801	0.004671	0.010060	0.000015	0.282153	0.000051	0.000053	0.282108	0.000030	0.000031	*a*	0.282108	0.000030	0.000031
MUN 4 (Copy 1)	27.10.2022	13268	13:16:46	41.1	22.3	-1.36	-1.41	1.04	0.453642	0.004173	0.010482	0.000030	0.282079	0.000059	0.000062	0.282079	0.000034	0.000035	*a*	0.282079	0.000034	0.000035
MUN 4 (Copy 1)	27.10.2022	13268	14:18:43	41.0	20.7	-1.35	-1.40	1.04	0.430464	0.001024	0.010232	0.000053	0.282073	0.000058	0.000061	0.282091	0.000032	0.000034	*a*	0.282091	0.000032	0.000034
MUN4	21.11.2022	13283	17:46:00	41.0	11.5	-1.33	-1.40	1.05	0.286139	0.001379	0.006473	0.000067	0.282046	0.000069	0.000073	0.282024	0.000034	0.000036	*a*	0.282024	0.000034	0.000036
MUN4 (Copy 1)	21.11.2022	13283	19:04:18	41.0	12.4	-1.33	-1.40	1.05	0.294104	0.001416	0.006574	0.000039	0.282121	0.000071	0.000074	0.282139	0.000035	0.000037	*a*	0.282139	0.000035	0.000037
MUN4 (Copy 1) (Copy 1)	21.11.2022	13283	20:22:39	41.0	12.8	-1.33	-1.38	1.04	0.286341	0.002005	0.006469	0.000025	0.282301	0.000070	0.000074	0.282289	0.000033	0.000035	*a*	0.282289	0.000033	0.000035
MUN4 (Copy 1) (Copy 1) (Copy 1)	21.11.2022	13283	21:59:40	41.0	13.1	-1.34	-1.37	1.02	0.298623	0.001474	0.006709	0.000030	0.282508	0.000071	0.000074	0.282493	0.000035	0.000037	*a*	0.282493	0.000035	0.000037

Sjona																						
Sjona	23.09.2022	13154	12:28:07	41.3	9.0	1.47	-1.26	8.57	0.001026	0.000028	0.281658	0.000028	-1.307255	0.085801	0.090091	0.281654	0.000028	0.000029	*a*	0.281654	0.000028	0.000029
Sjona (Copy 1)	23.09.2022	13154	13:25:25	41.1	9.2	1.47	-1.23	8.48	0.001548	0.000026	0.281709	0.000031	-1.302009	0.045130	0.047387	0.281704	0.000031	0.000033	*a*	0.281704	0.000031	0.000033
Sjona (Copy 3)	23.09.2022	13154	14:40:16	41.0	9.9	1.47	-1.22	9.30	0.001174	0.000015	0.281653	0.000027	-1.279403	0.053054	0.055707	0.281645	0.000027	0.000028	*a*	0.281645	0.000027	0.000028
Sjona	23.09.2022	13154	16:06:45	41.1	9.3	1.47	-1.22	8.92	0.000700	0.000030	0.281652	0.000029	-1.322960	0.153498	0.161173	0.281642	0.000029	0.000031	*a*	0.281642	0.000029	0.000031
Sjona	22.09.2022	13152	12:37:15	41.2	12.9	-1.31	-1.34	1.02	0.044945	0.000165	0.001093	0.000003	0.281666	0.000047	0.000049	0.281652	0.000023	0.000024	*a*	0.281652	0.000023	0.000024
Sjona (Copy 1)	22.09.2022	13152	13:34:31	41.0	11.0	-1.30	-1.37	1.05	0.057522	0.000752	0.001401	0.000009	0.281666	0.000056	0.000059	0.281676	0.000028	0.000029	*a*	0.281676	0.000028	0.000029
Sjona (Copy 3)	22.09.2022	13152	14:50:34	41.1	14.4	-1.30	-1.32	1.02	0.030316	0.000457	0.000776	0.000007	0.281677	0.000037	0.000039	0.281652	0.000020	0.000021	*a*	0.281652	0.000020	0.000021
Sjona	26.09.2022	13156	14:24:27	41.1	8.4	-1.18	-1.23	1.04	0.045395	0.000323	0.001286	0.000006	0.281697	0.000060	0.000063	0.281686	0.000031	0.000032	*a*	0.281686	0.000031	0.000032
Sjona (Copy 1)	26.09.2022	13156	15:38:03	41.2	8.4	-1.12	-1.21	1.08	0.057210	0.000489	0.001663	0.000016	0.281663	0.000063	0.000066	0.281695	0.000033	0.000034	*a*	0.281695	0.000033	0.000034
Sjona (Copy 2)	26.09.2022	13156	16:45:52	41.1	8.2	-1.09	-1.13	1.04	0.050240	0.001239	0.001442	0.000025	0.281701	0.000073	0.000076	0.281687	0.000034	0.000036	*a*	0.281687	0.000034	0.000036
Sjona	27.09.2022	13158	11:33:49	41.0	11.6	-1.29	-1.34	1.04	0.051403	0.000404	0.001296	0.000013	0.281671	0.000053	0.000056	0.281674	0.000026	0.000027	*a*	0.281674	0.000026	0.000027
Sjona (Copy 1)	27.09.2022	13158	12:37:15	41.1	11.2	-1.27	-1.30	1.03	0.042165	0.000242	0.001075	0.000008	0.281688	0.000048	0.000051	0.281665	0.000025	0.000026	*a*	0.281665	0.000025	0.000026
Sjona (Copy 2)	27.09.2022	13158	13:42:09	41.1	11.4	-1.25	-1.30	1.04	0.038179	0.000485	0.000971	0.000015	0.281664	0.000050	0.000052	0.281656	0.000026	0.000027	*a*	0.281656	0.000026	0.000027
Sjona	27.09.2022	13160	16:11:44	41.1	13.2	-1.29	-1.34	1.04	0.037084	0.000583	0.000904	0.000014	0.281670	0.000045	0.000047	0.281656	0.000022	0.000023	*a*	0.281656	0.000022	0.000023
Sjona (Copy 1)	27.09.2022	13160	17:25:18	41.0	12.8	-1.30	-1.34	1.04	0.024009	0.000404	0.000609	0.000011	0.281646	0.000041	0.000044	0.281641	0.000021	0.000022	*a*	0.281641	0.000021	0.000022
Sjona (Copy 2)	27.09.2022	13160	18:29:43	41.0	12.8	-1.29	-1.27	0.98	0.022929	0.000585	0.000586	0.000016	0.281682	0.000042	0.000045	0.281660	0.000023	0.000025	*a*	0.281660	0.000023	0.000025
Sjona	11.10.2022	13231	11:24:38	41.1	10.2	-1.36	-1.39	1.03	0.046610	0.000319	0.001198	0.000013	0.281667	0.000057	0.000060	0.281651	0.000027	0.000029	*a*	0.281651	0.000027	0.000029
Sjona (Copy 1)	11.10.2022	13231	12:07:40	41.0	10.4	-1.36	-1.38	1.02	0.040359	0.000506	0.001056	0.000018	0.281663	0.000058	0.000060	0.281648	0.000028	0.000029	*a*	0.281648	0.000028	0.000029
Sjona (Copy 2)	11.10.2022	13231	12:50:43	41.0	10.1	-1.35	-1.36	1.01	0.050296	0.000281	0.001323	0.000013	0.281712	0.000054	0.000056	0.281684	0.000028	0.000029	*a*	0.281684	0.000028	0.000029
Sjona (Copy 2) (Copy 1)	11.10.2022	13231	13:33:47	41.1	10.4	-1.33	-1.38	1.04	0.047623	0.000246	0.001270	0.000014	0.281656	0.000058	0.000061	0.281667	0.000029	0.000030	*a*	0.281667	0.000029	0.000030
Sjona	11.10.2022	13232	14:43:55	41.1	10.8	-1.32	-1.34	1.02	0.026741	0.000291	0.000719	0.000003	0.281659	0.000051	0.000054	0.281641	0.000025	0.000026	*a*	0.281641	0.000025	0.000026
Sjona (Copy 1)	11.10.2022	13232	15:42:46	41.0	10.5	-1.32	-1.37	1.04	0.021734	0.000332	0.000591	0.000005	0.281649	0.000053	0.000056	0.281643	0.000027	0.000029	*a*	0.281643	0.000027	0.000029
Sjona (Copy 2)	11.10.2022	13232	16:41:39	41.4	12.3	-1.31	-1.35	1.03	0.047106	0.000259	0.001260	0.000001	0.281672	0.000042	0.000044	0.281660	0.000023	0.000024	*a*	0.281660	0.000023	0.000024
Sjona (Copy 2) (Copy 1)	11.10.2022	13232	17:38:56	41.1	12.5	-1.31	-1.36	1.04	0.048886	0.000249	0.001294	0.000002	0.281656	0.000045	0.000047	0.281663	0.000021	0.000022	*a*	0.281663	0.000021	0.000022
Sjona (Copy 2) (Copy 1)	11.10.2022	13232	18:36:13	41.0	11.1	-1.30	-1.31	1.00	0.024524	0.000377	0.000664	0.000005	0.281660	0.000045	0.000047	0.281661	0.000024	0.000026	*a*	0.281661	0.000024	0.000026
Sjona	13.10.2022	13239	11:40:41	41.0	9.5	-1.37	-1.45	1.06	0.040381	0.000902	0.001047	0.000019	0.281667	0.000053	0.000056	0.281685	0.000029	0.000030	*a*	0.281685	0.000029	0.000030
Sjona (Copy 2)	13.10.2022	13239	12:39:14	41.2	11.1	-1.35	-1.37	1.02	0.025777	0.000324	0.000698	0.000004	0.281661	0.000049	0.000051	0.281646	0.000025	0.000026	*a*	0.281646	0.000025	0.000026

Sjona (Copy 1) (Copy 1)	13.10.2022	13239	13:32:07	41.0	11.5	-1.34	-1.38	1.03	0.035078	0.000422	0.000935	0.000005	0.281672	0.000050	0.000053	0.281665	0.000024	0.000025	*a*	0.281665	0.000024	0.000025
Sjona (Copy 1) (Copy 1)	13.10.2022	13239	14:30:48	41.0	10.2	-1.33	-1.37	1.04	0.041810	0.000728	0.001119	0.000016	0.281659	0.000056	0.000059	0.281669	0.000028	0.000029	*a*	0.281669	0.000028	0.000029
Sjona (Copy 1)	13.10.2022	13239	15:29:27	41.0	10.3	-1.32	-1.35	1.03	0.050378	0.000303	0.001360	0.000010	0.281698	0.000058	0.000061	0.281686	0.000029	0.000030	*a*	0.281686	0.000029	0.000030
Sjona	13.10.2022	13240	16:10:38	41.1	10.9	-1.31	-1.26	0.74	0.032936	0.001310	0.000864	0.000026	0.281949	0.000245	0.000257	0.281756	0.000098	0.000103	*a*	0.281756	0.000098	0.000103
Sjona (Copy 2)	13.10.2022	13240	17:07:47	41.1	11.0	-1.32	-1.32	1.01	0.044698	0.000274	0.001187	0.000001	0.281701	0.000052	0.000055	0.281679	0.000026	0.000027	*a*	0.281679	0.000026	0.000027
Sjona (Copy 1) (Copy 1)	13.10.2022	13240	18:06:19	41.1	11.6	-1.31	-1.35	1.03	0.042992	0.000286	0.001149	0.000002	0.281670	0.000049	0.000051	0.281665	0.000024	0.000025	*a*	0.281665	0.000024	0.000025
Sjona (Copy 1) (Copy 1)	13.10.2022	13240	19:00:37	41.2	10.3	-1.31	-1.36	1.04	0.063452	0.000788	0.001709	0.000015	0.281691	0.000060	0.000063	0.281700	0.000029	0.000030	*a*	0.281700	0.000029	0.000030
Sjona (Copy 1)	13.10.2022	13240	19:56:18	41.1	10.8	-1.31	-1.31	1.01	0.042458	0.000194	0.001141	0.000001	0.281699	0.000050	0.000053	0.281674	0.000025	0.000026	*a*	0.281674	0.000025	0.000026
Sjona	24.10.2022	13256	18:28:45	41.1	7.0	-1.45	-1.61	1.09	0.026503	0.000999	0.000688	0.000022	0.281632	0.000082	0.000086	0.281641	0.000039	0.000041	*a*	0.281641	0.000039	0.000041
Sjona (Copy 2)	24.10.2022	13256	19:10:25	41.0	8.6	-1.45	-1.51	1.06	0.023706	0.001366	0.000616	0.000028	0.281664	0.000067	0.000070	0.281668	0.000034	0.000036	*a*	0.281668	0.000034	0.000036
Sjona (Copy 1)	24.10.2022	13256	20:03:37	41.1	11.2	-1.44	-1.49	1.04	0.042923	0.000140	0.001112	0.000004	0.281673	0.000052	0.000054	0.281660	0.000025	0.000027	*a*	0.281660	0.000025	0.000027
Sjona (Copy 2) (Copy 1)	24.10.2022	13256	20:43:54	41.1	10.7	-1.44	-1.52	1.06	0.047758	0.000238	0.001242	0.000002	0.281656	0.000052	0.000055	0.281667	0.000026	0.000028	*a*	0.281667	0.000026	0.000028
Sjona (Copy 2)	26.10.2022	13265	11:11:05	41.0	11.5	-1.39	-1.31	0.94	0.016885	0.000375	0.000470	0.000007	0.281672	0.000046	0.000049	0.281648	0.000025	0.000026	*a*	0.281648	0.000025	0.000026
Sjona	26.10.2022	13265	12:14:18	41.1	11.2	-1.37	-1.39	1.01	0.039722	0.000302	0.001047	0.000001	0.281677	0.000047	0.000050	0.281661	0.000023	0.000024	*a*	0.281661	0.000023	0.000024
Sjona (Copy 1)	26.10.2022	13265	13:17:34	41.1	12.5	-1.37	-1.45	1.05	0.019219	0.000447	0.000535	0.000009	0.281641	0.000043	0.000045	0.281646	0.000022	0.000023	*a*	0.281646	0.000022	0.000023
Sjona (Copy 1)	26.10.2022	13265	14:19:11	41.0	11.8	-1.37	-1.43	1.04	0.020810	0.000661	0.000579	0.000014	0.281641	0.000045	0.000047	0.281651	0.000023	0.000025	*a*	0.281651	0.000023	0.000025
Sjona (Copy 2)	26.10.2022	13266	15:14:52	41.0	12.4	-1.37	-1.42	1.04	0.025962	0.000504	0.000712	0.000010	0.281647	0.000044	0.000047	0.281641	0.000023	0.000024	*a*	0.281641	0.000023	0.000024
Sjona	26.10.2022	13266	16:16:31	41.0	11.3	-1.35	-1.39	1.03	0.022828	0.000327	0.000687	0.000005	0.281674	0.000056	0.000059	0.281664	0.000029	0.000031	*a*	0.281664	0.000029	0.000031
Sjona (Copy 1)	26.10.2022	13266	17:18:10	41.1	14.1	-1.37	-1.41	1.03	0.012345	0.000515	0.000405	0.000012	0.281685	0.000038	0.000040	0.281681	0.000022	0.000023	*a*	0.281681	0.000022	0.000023
Sjona (Copy 1)	26.10.2022	13266	18:19:51	41.1	12.0	-1.37	-1.38	1.00	0.035109	0.000301	0.000948	0.000003	0.281668	0.000045	0.000047	0.281645	0.000024	0.000025	*a*	0.281645	0.000024	0.000025
Sjona (Copy 1) (Copy 1)	26.10.2022	13266	19:21:50	41.0	11.9	-1.36	-1.43	1.05	0.040103	0.000218	0.001082	0.000001	0.281631	0.000046	0.000048	0.281643	0.000024	0.000025	*a*	0.281643	0.000024	0.000025
Sjona (Copy 2)	27.10.2022	13268	11:15:39	41.0	10.5	-1.40	-1.46	1.04	0.039482	0.000185	0.001041	0.000003	0.281661	0.000050	0.000052	0.281670	0.000026	0.000028	*a*	0.281670	0.000026	0.000028
Sjona	27.10.2022	13268	12:17:37	41.1	10.4	-1.38	-1.45	1.05	0.067637	0.000443	0.001827	0.000019	0.281682	0.000056	0.000059	0.281711	0.000027	0.000028	*a*	0.281711	0.000027	0.000028
Sjona (Copy 1)	27.10.2022	13268	13:19:36	41.0	10.8	-1.37	-1.46	1.06	0.045340	0.000233	0.001223	0.000002	0.281632	0.000057	0.000059	0.281664	0.000026	0.000028	*a*	0.281664	0.000026	0.000028
Sjona (Copy 1)	27.10.2022	13268	14:21:33	41.0	10.5	-1.37	-1.44	1.05	0.058670	0.000263	0.001619	0.000011	0.281671	0.000053	0.000056	0.281683	0.000026	0.000027	*a*	0.281683	0.000026	0.000027
Sjona	21.11.2022	13283	17:48:52	41.1	5.9	-1.34	-1.41	1.06	0.055553	0.001256	0.001275	0.000016	0.281663	0.000096	0.000100	0.281669	0.000043	0.000045	*a*	0.281669	0.000043	0.000045
Sjona (Copy 1)	21.11.2022	13283	19:07:11	41.0	6.1	-1.34	-1.40	1.06	0.063059	0.000446	0.001489	0.000004	0.281704	0.000091	0.000096	0.281719	0.000044	0.000046	*a*	0.281719	0.000044	0.000046
Sjona (Copy 1) (Copy 1)	21.11.2022	13283	20:25:31	41.0	6.5	-1.34	-1.41	1.05	0.087575	0.000629	0.002084	0.000026	0.281767	0.000096	0.000101	0.281783	0.000044	0.000046	*a*	0.281783	0.000044	0.000046
Sjona (Copy 1) (Copy 1) (Copy 1)	21.11.2022	13283	22:02:44	28.1	6.4	-1.36	-1.38	1.01	0.049917	0.000716	0.001228	0.000015	0.281758	0.000094	0.000098	0.281751	0.000044	0.000046	*a*	0.281751	0.000044	0.000046

GJ1

GJ1	23.09.2022	13154	12:29:35	41.0	7.9	1.47	-1.26	7.81	0.000295	0.000001	0.281995	0.000033	-1.419075	0.262897	0.276042	0.281992	0.000033	0.000034	*a*	0.281992	0.000033	0.000034
GJ1 (Copy 1)	23.09.2022	13154	13:26:52	41.1	7.8	1.47	-1.24	7.77	0.000294	0.000001	0.282015	0.000032	-1.324215	0.269847	0.283340	0.282010	0.000032	0.000034	*a*	0.282010	0.000032	0.000034
GJ1	23.09.2022	13154	14:41:44	41.0	8.3	1.47	-1.24	8.22	0.000292	0.000001	0.282014	0.000029	-1.261200	0.256526	0.269352	0.282006	0.000029	0.000030	*a*	0.282006	0.000029	0.000030
GJ1	23.09.2022	13154	16:08:12	41.0	8.4	1.47	-1.22	8.30	0.000291	0.000001	0.281988	0.000030	-1.440660	0.259448	0.272420	0.281978	0.000030	0.000032	*a*	0.281978	0.000030	0.000032
GJ1	22.09.2022	13152	12:38:42	41.1	9.3	-1.33	-1.32	0.99	0.011126	0.000058	0.000298	0.000001	0.282000	0.000058	0.000061	0.282000	0.000028	0.000029	*a*	0.282000	0.000028	0.000029
GJ1 (Copy 1)	22.09.2022	13152	13:35:58	41.0	9.2	-1.31	-1.26	0.96	0.010982	0.000051	0.000297	0.000001	0.282032	0.000060	0.000063	0.282009	0.000030	0.000031	*a*	0.282009	0.000030	0.000031
GJ1	22.09.2022	13152	14:52:01	41.1	9.2	-1.30	-1.26	0.96	0.010871	0.000043	0.000296	0.000001	0.282034	0.000058	0.000061	0.282012	0.000030	0.000031	*a*	0.282012	0.000030	0.000031
GJ1	26.09.2022	13156	14:25:55	41.0	7.1	-1.18	-1.32	1.11	0.009426	0.000059	0.000288	0.000001	0.281981	0.000073	0.000076	0.282007	0.000033	0.000035	*a*	0.282007	0.000033	0.000035
GJ1 (Copy 1)	26.09.2022	13156	15:39:30	41.0	7.1	-1.13	-1.24	1.07	0.009159	0.000053	0.000284	0.000001	0.282016	0.000071	0.000074	0.282032	0.000035	0.000037	*a*	0.282032	0.000035	0.000037
GJ1 (Copy 2)	26.09.2022	13156	16:47:19	41.0	7.2	-1.10	-1.03	0.93	0.009098	0.000050	0.000284	0.000001	0.282049	0.000065	0.000068	0.282030	0.000032	0.000034	*a*	0.282030	0.000032	0.000034
GJ1	27.09.2022	13158	11:35:16	41.1	9.9	-1.30	-1.28	0.99	0.011221	0.000073	0.000299	0.000001	0.282030	0.000053	0.000056	0.282026	0.000028	0.000029	*a*	0.282026	0.000028	0.000029
GJ1 (Copy 1)	27.09.2022	13158	12:38:42	41.1	9.8	-1.28	-1.31	1.02	0.011052	0.000076	0.000296	0.000001	0.282022	0.000057	0.000059	0.282031	0.000030	0.000032	*a*	0.282031	0.000030	0.000032
GJ1 (Copy 2)	27.09.2022	13158	13:43:37	41.0	9.9	-1.26	-1.36	1.08	0.010927	0.000072	0.000295	0.000000	0.282002	0.000052	0.000054	0.282002	0.000025	0.000027	*a*	0.282002	0.000025	0.000027
GJ1	27.09.2022	13160	16:13:12	41.0	9.2	-1.28	-1.19	0.93	0.011535	0.000068	0.000299	0.000001	0.282038	0.000061	0.000064	0.282015	0.000031	0.000032	*a*	0.282015	0.000031	0.000032
GJ1 (Copy 1)	27.09.2022	13160	17:26:45	41.1	9.4	-1.29	-1.41	1.11	0.011448	0.000055	0.000299	0.000001	0.282019	0.000058	0.000061	0.282037	0.000029	0.000031	*a*	0.282037	0.000029	0.000031
GJ1 (Copy 2)	27.09.2022	13160	18:31:10	41.0	9.4	-1.28	-1.28	1.00	0.011395	0.000059	0.000297	0.000001	0.282010	0.000057	0.000059	0.282002	0.000028	0.000030	*a*	0.282002	0.000028	0.000030
GJ	11.10.2022	13231	11:26:06	41.0	7.9	-1.37	-1.39	0.98	0.010447	0.000057	0.000291	0.000001	0.282008	0.000058	0.000060	0.282007	0.000031	0.000032	*a*	0.282007	0.000031	0.000032
GJ (Copy 1)	11.10.2022	13231	12:09:08	41.1	8.0	-1.36	-1.34	0.98	0.010414	0.000054	0.000291	0.000001	0.282004	0.000061	0.000064	0.282005	0.000032	0.000034	*a*	0.282005	0.000032	0.000034
GJ (Copy 2)	11.10.2022	13231	12:52:11	41.0	8.1	-1.35	-1.32	0.98	0.010240	0.000048	0.000289	0.000001	0.282022	0.000061	0.000064	0.282028	0.000033	0.000035	*a*	0.282028	0.000033	0.000035
GJ (Copy 2) (Copy 1)	11.10.2022	13231	13:35:15	41.0	8.1	-1.33	-1.31	1.01	0.010211	0.000044	0.000289	0.000001	0.281983	0.000066	0.000070	0.281998	0.000033	0.000035	*a*	0.281998	0.000033	0.000035
GJ	11.10.2022	13232	14:45:24	41.0	8.1	-1.32	-1.41	1.04	0.010356	0.000060	0.000289	0.000001	0.282015	0.000063	0.000066	0.282019	0.000031	0.000032	*a*	0.282019	0.000031	0.000032
GJ (Copy 1)	11.10.2022	13232	15:44:14	41.0	8.1	-1.32	-1.37	1.05	0.010272	0.000054	0.000290	0.000001	0.281991	0.000065	0.000068	0.281999	0.000034	0.000036	*a*	0.281999	0.000034	0.000036
GJ (Copy 2)	11.10.2022	13232	16:43:07	41.0	8.2	-1.31	-1.34	1.01	0.010165	0.000048	0.000289	0.000001	0.281996	0.000062	0.000065	0.281999	0.000031	0.000032	*a*	0.281999	0.000031	0.000032
GJ (Copy 2) (Copy 1)	11.10.2022	13232	17:40:24	41.0	8.5	-1.30	-1.39	1.05	0.010068	0.000042	0.000287	0.000001	0.281954	0.000061	0.000064	0.281981	0.000032	0.000033	*a*	0.281981	0.000032	0.000033
GJ (Copy 2) (Copy 1)	11.10.2022	13232	18:37:41	41.0	8.6	-1.31	-1.30	0.99	0.010085	0.000050	0.000287	0.000001	0.282024	0.000057	0.000060	0.282030	0.000029	0.000031	*a*	0.282030	0.000029	0.000031
GJ	13.10.2022	13239	11:42:09	41.3	7.6	-1.36	-1.47	1.07	0.010624	0.000071	0.000293	0.000001	0.282012	0.000066	0.000070	0.282036	0.000032	0.000034	*a*	0.282036	0.000032	0.000034

GJ (Copy 2)	13.10.2022	13239	12:40:42	41.0	8.1	-1.35	-1.38	1.03	0.010405	0.000069	0.000292	0.000001	0.282003	0.000061	0.000064	0.282026	0.000030	0.000032	*a*	0.282026	0.000030	0.000032
GJ (Copy 1) (Copy 1)	13.10.2022	13239	13:33:35	41.0	8.2	-1.35	-1.40	1.04	0.010302	0.000064	0.000290	0.000001	0.282029	0.000060	0.000063	0.282041	0.000031	0.000032	*a*	0.282041	0.000031	0.000032
GJ (Copy 1) (Copy 1)	13.10.2022	13239	14:32:15	41.0	8.2	-1.33	-1.41	1.05	0.010148	0.000059	0.000289	0.000001	0.281985	0.000065	0.000068	0.282001	0.000033	0.000035	*a*	0.282001	0.000033	0.000035
GJ (Copy 1)	13.10.2022	13239	15:30:55	41.0	8.2	-1.33	-1.29	0.97	0.010157	0.000064	0.000287	0.000001	0.282008	0.000061	0.000064	0.282003	0.000030	0.000031	*a*	0.282003	0.000030	0.000031
GJ	13.10.2022	13240	16:12:06	41.0	8.0	-1.31	-1.27	0.96	0.010265	0.000074	0.000289	0.000001	0.282021	0.000064	0.000067	0.282029	0.000032	0.000034	*a*	0.282029	0.000032	0.000034
GJ (Copy 2)	13.10.2022	13240	17:09:15	41.1	8.1	-1.31	-1.32	1.00	0.010194	0.000072	0.000288	0.000001	0.282013	0.000063	0.000066	0.282025	0.000033	0.000035	*a*	0.282025	0.000033	0.000035
GJ (Copy 1) (Copy 1)	13.10.2022	13240	18:07:47	41.1	8.1	-1.31	-1.27	0.98	0.010142	0.000060	0.000289	0.000001	0.281999	0.000062	0.000065	0.282003	0.000033	0.000035	*a*	0.282003	0.000033	0.000035
GJ (Copy 1) (Copy 1)	13.10.2022	13240	19:02:05	41.0	8.1	-1.31	-1.30	0.99	0.010147	0.000063	0.000289	0.000001	0.282040	0.000059	0.000062	0.282024	0.000031	0.000032	*a*	0.282024	0.000031	0.000032
GJ (Copy 1)	13.10.2022	13240	19:57:46	41.0	8.1	-1.31	-1.35	1.03	0.010135	0.000060	0.000289	0.000001	0.282004	0.000065	0.000068	0.282017	0.000032	0.000033	*a*	0.282017	0.000032	0.000033
GJ	24.10.2022	13256	18:30:13	41.0	7.5	-1.44	-1.52	1.07	0.010540	0.000054	0.000288	0.000001	0.282026	0.000067	0.000071	0.282026	0.000034	0.000035	*a*	0.282026	0.000034	0.000035
GJ (Copy 2)	24.10.2022	13256	19:11:53	41.0	7.9	-1.44	-1.54	1.08	0.010485	0.000055	0.000287	0.000001	0.282007	0.000063	0.000066	0.282017	0.000031	0.000033	*a*	0.282017	0.000031	0.000033
GJ (Copy 1)	24.10.2022	13256	20:05:05	41.0	8.2	-1.44	-1.55	1.08	0.010444	0.000051	0.000287	0.000001	0.282021	0.000066	0.000070	0.282030	0.000033	0.000034	*a*	0.282030	0.000033	0.000034
GJ (Copy 2) (Copy 1)	24.10.2022	13256	20:45:21	41.0	8.4	-1.43	-1.50	1.06	0.010442	0.000050	0.000286	0.000001	0.281981	0.000061	0.000064	0.282000	0.000031	0.000033	*a*	0.282000	0.000031	0.000033
GJ (Copy 2)	26.10.2022	13265	11:12:32	41.0	8.4	-1.39	-1.36	0.99	0.010313	0.000069	0.000292	0.000001	0.282026	0.000063	0.000066	0.282021	0.000031	0.000033	*a*	0.282021	0.000031	0.000033
GJ	26.10.2022	13265	12:15:45	41.2	8.7	-1.39	-1.30	0.94	0.010149	0.000059	0.000292	0.000001	0.282023	0.000061	0.000064	0.282014	0.000029	0.000030	*a*	0.282014	0.000029	0.000030
GJ (Copy 1)	26.10.2022	13265	13:19:01	41.0	9.1	-1.37	-1.40	1.02	0.010060	0.000056	0.000291	0.000001	0.282017	0.000056	0.000059	0.282029	0.000029	0.000031	*a*	0.282029	0.000029	0.000031
GJ (Copy 1)	26.10.2022	13265	14:20:38	41.2	9.2	-1.38	-1.45	1.07	0.009990	0.000055	0.000291	0.000001	0.282015	0.000057	0.000060	0.282014	0.000030	0.000031	*a*	0.282014	0.000030	0.000031
GJ (Copy 2)	26.10.2022	13266	15:16:19	41.0	9.1	-1.36	-1.45	1.06	0.009948	0.000065	0.000287	0.000001	0.281997	0.000054	0.000056	0.282010	0.000027	0.000029	*a*	0.282010	0.000027	0.000029
GJ	26.10.2022	13266	16:17:58	41.0	9.2	-1.36	-1.44	1.06	0.009931	0.000055	0.000289	0.000001	0.281970	0.000056	0.000059	0.281983	0.000028	0.000029	*a*	0.281983	0.000028	0.000029
GJ (Copy 1)	26.10.2022	13266	17:19:38	41.1	9.0	-1.37	-1.33	0.95	0.009917	0.000057	0.000288	0.000001	0.282018	0.000056	0.000058	0.282006	0.000028	0.000030	*a*	0.282006	0.000028	0.000030
GJ (Copy 1)	26.10.2022	13266	18:21:18	41.1	9.0	-1.37	-1.35	0.99	0.009875	0.000053	0.000288	0.000001	0.282036	0.000055	0.000058	0.282033	0.000026	0.000028	*a*	0.282033	0.000026	0.000028
GJ (Copy 1) (Copy 1)	26.10.2022	13266	19:23:17	41.0	9.1	-1.37	-1.55	1.15	0.009846	0.000053	0.000287	0.000001	0.281991	0.000058	0.000061	0.282028	0.000030	0.000032	*a*	0.282028	0.000030	0.000032
GJ (Copy 2)	27.10.2022	13268	11:17:06	41.2	8.4	-1.40	-1.55	1.11	0.010141	0.000074	0.000288	0.000001	0.281977	0.000061	0.000064	0.282008	0.000029	0.000031	*a*	0.282008	0.000029	0.000031
GJ	27.10.2022	13268	12:19:04	41.0	8.8	-1.39	-1.39	1.00	0.010034	0.000075	0.000288	0.000001	0.282008	0.000061	0.000064	0.281994	0.000029	0.000030	*a*	0.281994	0.000029	0.000030
GJ (Copy 1)	27.10.2022	13268	13:21:03	41.1	8.8	-1.38	-1.47	1.05	0.009835	0.000065	0.000286	0.000001	0.282015	0.000061	0.000064	0.282032	0.000032	0.000033	*a*	0.282032	0.000032	0.000033
GJ (Copy 1)	27.10.2022	13268	14:23:00	41.0	8.8	-1.38	-1.37	1.00	0.009803	0.000064	0.000286	0.000001	0.282023	0.000055	0.000057	0.282019	0.000028	0.000030	*a*	0.282019	0.000028	0.000030
GJ1	21.11.2022	13283	17:47:25	41.1	4.8	-1.33	-1.42	1.02	0.010924	0.000094	0.000279	0.000001	0.281972	0.000104	0.000109	0.282000	0.000049	0.000052	*a*	0.282000	0.000049	0.000052
GJ1 (Copy 1)	21.11.2022	13283	19:05:44	41.0	5.3	-1.35	-1.42	1.05	0.010778	0.000075	0.000277	0.000001	0.281999	0.000101	0.000107	0.282029	0.000050	0.000052	*a*	0.282029	0.000050	0.000052
GJ1 (Copy 1) (Copy 1)	21.11.2022	13283	20:24:04	41.0	5.3	-1.34	-1.46	1.08	0.010701	0.000064	0.000276	0.000001	0.282021	0.000095	0.000100	0.282038	0.000047	0.000049	*a*	0.282038	0.000047	0.000049
GJ1 (Copy 1) (Copy 1) (Copy 1)	21.11.2022	13283	22:01:05	41.0	5.4	-1.35	-1.43	1.11	0.010675	0.000058	0.000277	0.000001	0.282000	0.000094	0.000099	0.282021	0.000045	0.000047	*a*	0.282021	0.000045	0.000047

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