Appendix A – Sigma Mobile Field Report

Sigma Mobile Field Report

Created on: 31.10.2019

By user: VROVD

For Field Observation Points created between:
28.05.2019 00:00:01 and 08.09.2019 23:59:59

Contents

Field Observation Point: VRO_2

Collected on: 28.05.2019 11:17:05 **At Coordinates: X:** 572059,5107 **- Y:** 7037038,5758

Summary Label: GRA

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Penetrative_Inclined	222	10	Fabric-SlatyCleavage			

Field Observation Point: VRO_3

Collected on: 03.06.2019 17:25:48 **At Coordinates: X:** 471901,9587 **- Y:** 6561539,7001

Summary Label: RYO

Comments

Comment
V.fine grained, light colour with green tendence. Weak foliation, equigranular. Afeldspar, quartz, amphibole, mica. Structures interpreted as flowstructures. Rhyolite.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	210	25	Fabric-Transposed			

Field Observation Point: VRO_4

Collected on: 04.06.2019 09:10:01 **At Coordinates: X:** 484713,5017 **- Y:** 6563915,5816

Summary Label: AM

Comments

Comment

Melanocratic rock. Quartz, white feldspar, amphibole, biotite. Massive, equigranular, alternating between finegrained and medium grained. Interpreted to be amphibolite and/or metagabbro.

Field Observation Point: VRO_5

Collected on: 04.06.2019 09:36:55 **At Coordinates: X:** 482945,3339 **- Y:** 6564816,2885

Summary Label: AUG

Comments

Comment
Porphyritic rock. K-feldspar clasts up to c. 2 cm in fine grained, deformed biotite, quartz in parallell bands. Interpreted as augengneiss. Protomylonitic in a few places which has experienced most strain.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	29	33	Fabric-MylonPhylon			

Field Observation Point: VRO_6

Collected on: 04.06.2019 10:47:58 **At Coordinates: X:** 480073,8635 **- Y:** 6566312,5443

Summary Label: MYL

Comments

Comment
v. finegrained. Light color with weak red color. qtz and feldspar rich. Foliated, with mineral lineations normal to the foliation. No visible clasts.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	151	22	Fabric-MylonPhylon		A	
Lineation_Plunging	148	26	Mineral-Lin		A	

Field Observation Point: VRO_7

Collected on: 04.06.2019 14:04:34 **At Coordinates: X:** 482106,8426 **- Y:** 6565120,6768

Summary Label: RYD

Comments

Comment
Greyish leucocratic rock. V.f. grained, equigranular, with a steep dipping banding, mm to cm thick. qtz rich with micas.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	48	80				

Field Observation Point: VRO_8

Collected on: 04.06.2019 14:24:08 **At Coordinates: X:** 482148,6376 **- Y:** 6565122,2248

Summary Label: AND

Comments

Comment
Black melanocratic rock with a weak green color, v.f. grained, with a distinct steep foliation. includes lenses of a fine to medium grained leucocratic rock with qtz, epidote and amphibole.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	226	89				

Field Observation Point: VRO_9

Collected on: 04.06.2019 14:56:55 **At Coordinates: X:** 482405,7352 **- Y:** 6565319,8642

Summary Label: AM

Comments

Comment
Dark, f.grained equigranular and massiv rock, consisting of amphibole, feldspar and plagioclase. Complex contact with a med grained, whiter rock with pegmatitic lenses which is cut by differently oriented magnetite veins, mm to cm scale.

Field Observation Point: VRO_10

Collected on: 04.06.2019 15:21:23 **At Coordinates: X:** 482493,1197 **- Y:** 6565321,1197

Summary Label: AM

Comments

Comment
Contact between med grained amphibolite similar to 09, and a v.f. grained equigranular mesocratic rock cut by several mm to cm thick black veins.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Igneous_Contact_Dip	205		Contact-Unspecified			

Field Observation Point: VRO_11

Collected on: 04.06.2019 15:40:15 **At Coordinates: X:** 482480,5697 **- Y:** 6565361,6997

Summary Label: AM

Comments

Comment
Complex mix of fine- and med grained amphibolite as 09

Field Observation Point: VRO_12

Collected on: 04.06.2019 15:56:14 **At Coordinates: X:** 482511,0519 **- Y:** 6565374,1535

Summary Label: AMG

Comments

Comment
Banded amphibolite, mm scale banding, mesocratic with alternating white and black bands.

Field Observation Point: VRO_13

Collected on: 04.06.2019 16:00:41 **At Coordinates: X:** 482509,0572 **- Y:** 6565390,4053

Summary Label: AUG

Comments

Comment
Porphyritic rock, white, black and green f.grained matrix with med grained k-feldspar clasts.

Field Observation Point: VRO_14

Collected on: 04.06.2019 16:11:09 **At Coordinates: X:** 482504,8234 **- Y:** 6565406,9169

Summary Label: AUG

Comments

Comment
Augengneiss, similar to 13, but more clast rich

Field Observation Point: VRO_15

Collected on: 04.06.2019 16:30:40 **At Coordinates: X:** 482498,9198 **- Y:** 6565425,0397

Summary Label: AUG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	62	26	Fabric-MylonPhylon			
Lineation_Plunging	116	20	Mineral-Lin			

Field Observation Point: VRO_16

Collected on: 04.06.2019 16:50:31 **At Coordinates: X:** 482486,1005 **- Y:** 6565528,205

Summary Label: AUG

Comments

Comment
Similar as 14, augengneiss.

Field Observation Point: VRO_17

Collected on: 04.06.2019 16:59:42 **At Coordinates: X:** 482430,4607 **- Y:** 6565589,7869

Summary Label: AUG

Comments

Comment
Augengneiss with a c. 10m lense of fine grained amphibolite. Sharp contact.

Field Observation Point: VRO_18

Collected on: 04.06.2019 17:12:53 **At Coordinates: X:** 482410,4736 **- Y:** 6565617,3367

Summary Label: AUG

Comments

Comment
augengneiss, top to NW sigmaclasts up to 2cm

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Lineation_Plunging	145	6	Intersection-Lin		A	
Foliation_Shear_Inclined	126	11	Fabric-MylonPhylon		A	

Field Observation Point: VRO_19

Collected on: 05.06.2019 09:57:43 **At Coordinates: X:** 480580,1285 **- Y:** 6568861,6213

Summary Label: GRAG

Comments

Comment
Medium grained, equigranular, red rock. Kfeldspar, qtz rich rock. Cut by repeating pegmatituc veins.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	130	35	Fabric-Gneissic			

Field Observation Point: VRO_20

Collected on: 05.06.2019 10:16:32 **At Coordinates: X:** 480479,4251 **- Y:** 6568889,4756

Summary Label: GRAG

Comments

Comment
Same as 19, but no visible pegmatite veins. Small outcrop

Field Observation Point: VRO_21

Collected on: 05.06.2019 10:19:58 **At Coordinates: X:** 480376,7148 **- Y:** 6568921,2587

Summary Label: GRAG

Comments

Comment
Similar to 19, but with sporadic, irrulegular pods of coarse grains. Same leucocratic red color.

Field Observation Point: VRO_22

Collected on: 05.06.2019 10:28:41 **At Coordinates: X:** 480235,5267 **- Y:** 6569142,2327

Summary Label: GRAG

Comments

Comment
Same, granitic rock as in 19. Very coarse grained, pegmatitic metre thick band.

Field Observation Point: VRO_23

Collected on: 05.06.2019 10:34:10 **At Coordinates: X:** 480231,3378 **- Y:** 6569168,4129

Summary Label: GRAG

Comments

Comment
Same as 19. mm to cm foliation, med grained equigranular.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	123	15				compositional foliation

Field Observation Point: VRO_24

Collected on: 05.06.2019 10:44:21 **At Coordinates: X:** 480187,355 **- Y:** 6569249,048

Summary Label: GRAG

Comments

Comment
Very heterogenous, alternating between med grained, weakly foliated to very coarse grained pegmatitic bands (same orientation as foliation).

Field Observation Point: VRO_25

Collected on: 05.06.2019 10:51:14 **At Coordinates: X:** 480155,4152 **- Y:** 6569256,902

Summary Label: GRAG

Comments

Comment
Same heterogenous rock as 21, alternating between v.f. grained layers and med to coarse grained layers, here in cmscale. No signs of deformation/elongation of grains suggests magmatic layering.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	120	25				magmatic layering

Field Observation Point: VRO_26

Collected on: 05.06.2019 11:06:41 **At Coordinates: X:** 480026,4774 **- Y:** 6569405,6236

Summary Label: GRAG

Comments

Comment
Same granitic, layered rock as 25

Field Observation Point: VRO_27

Collected on: 05.06.2019 11:28:54 **At Coordinates: X:** 480805,94 **- Y:** 6568522,3371

Summary Label: GRAG

Comments

Comment
Leucocratic rock with red color, same granitic rock as in 19. Heterogenous, with pegmatitic veins cutting through fine to med grained equigranular host rock. Pegmatitic veins up to 30 cm thick.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	105	19				pegmatitic vein.

Field Observation Point: VRO_28

Collected on: 05.06.2019 11:40:53 **At Coordinates: X:** 480907,0457 **- Y:** 6568376,0279

Summary Label: GRAG

Comments

Comment
Similar to 27, fine frained and massive, no apparent layering.

Field Observation Point: VRO_29

Collected on: 05.06.2019 11:46:12 **At Coordinates: X:** 481064,531 **- Y:** 6568295,9627

Summary Label: DAC

Comments

Comment
Melanocratic, fine grained rock with a weak green color. Pervesive euhedral magnetite grains throughout the matrix. Some 1mm thick whute veins cut through the matrix.

Field Observation Point: VRO_30

Collected on: 05.06.2019 12:00:06 **At Coordinates: X:** 481147,5942 **- Y:** 6568272,8704

Summary Label: AMG

Comments

Comment

Fine grained, equigranular mafic rock. Very dark black color, some visible white plagioclase. Very distinct foliation planes.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	134	26				

Field Observation Point: VRO_31

Collected on: 05.06.2019 12:55:49 **At Coordinates: X:** 481185,1082 **- Y:** 6568412,2846

Summary Label: BAG

Comments

Comment
Fine grained, equigranular melanocratic banded amphibolite. Thickness of light and dark alternating bands varies from mm to 10 cm thickness. Thicker, dark bands are med grained. Cut by normal faults.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	217	52	Fabric-Gneissic			
Fault_Plane_Dip	315	35				

Field Observation Point: VRO_32

Collected on: 05.06.2019 13:16:18 **At Coordinates: X:** 481150,8097 **- Y:** 6568479,3001

Summary Label: MYL

Comments

Comment
Dark, extremely f. grained equigranular mafic rock. Occasional red bands cutting through. Blueish shine from clean cut surface. No visible clasts, distinct mineral lineations on foliation plane. Similar to the mylonitic rock at 732 and 722

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	126	26	Fabric-MylonPhylon		A	
Lineation_Plunging	154	21	Mineral-Lin		A	

Field Observation Point: VRO_33

Collected on: 05.06.2019 13:41:25 **At Coordinates: X:** 481163,3142 **- Y:** 6568484,1074

Summary Label: MYL

Comments

Comment
Leucocratic, heterogenic red-ish felsic mylonite. Fine grained in low strain area, v.f. grained in high strain layers.Mullion lineations.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	152	26	Fabric-MylonPhylon		A	
Lineation_Plunging	156	25	Mullion-Lin		A	

Field Observation Point: VRO_34

Collected on: 05.06.2019 14:14:55 **At Coordinates: X:** 481157,6868 **- Y:** 6568584,4972

Summary Label: AUG

Comments

Comment
Leucocratic, felsic porphyritic rock, with 2-3 cm kfeldspar clasts in a matrix of qtz and biotite. Distinct elongation of grains making a shear foliation, interpreted as augengneiss.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	152	30	Fabric-MylonPhylon			

Field Observation Point: VRO_35

Collected on: 05.06.2019 14:35:19 **At Coordinates: X:** 481284,0985 **- Y:** 6568778,227

Summary Label: MYL

Comments

Comment
Felsic, mylontic rock with med to coarse grained feldsparclasts and v.f. grained qtz and biotite matrix. Consistent shear foliation, with weak "mini-mullion" lineation. Very weathered outcrop. Zone of coarse grained qtz and feldspar, likely pegmatitic

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	136	15	Fabric-MylonPhylon		A	uneven surface, inaccurate measurements.
Lineation_Plunging	148	14	Mullion-Lin		A	

Field Observation Point: VRO_36

Collected on: 05.06.2019 14:52:16 **At Coordinates: X:** 481277,1869 **- Y:** 6568813,7278

Summary Label: MYL

Comments

Comment
Same litholgy as in 35, Elongated minerals paralell with dipdir of foliation. Very heterogenous, alternates between mm to cm thick layers to coarse grained, more undeformed layers

Field Observation Point: VRO_37

Collected on: 05.06.2019 15:16:49 **At Coordinates: X:** 481263,3329 **- Y:** 6568824,2377

Comments

Comment
Same as 38, cm long elongated feldspar clasts. Small sigma clasts, isoclinal folds and SC fabric. kinematic inducators showing top to SE, extension.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	175	26	Fabric-MylonPhylon		A	
Lineation_Plunging	126	24	Mineral-Lin		A	

Field Observation Point: VRO_38

Collected on: 05.06.2019 15:38:02 **At Coordinates: X:** 481226,5482 **- Y:** 6568824,2377

Summary Label: MYL

Comments

Comment
Leucocratic, porphyritic rock with med grained white and red clasts in v.f. grained matrix. Different mylonite than 39, this is more white, granodioritic. outcrop only visible by foliation plane

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	150	19	Fabric-MylonPhylon		A	
Lineation_Plunging	137	16	Mineral-Lin		A	

Field Observation Point: VRO_39

Collected on: 05.06.2019 15:47:40 **At Coordinates: X:** 481249,4789 **- Y:** 6568838,0917

Summary Label: GRAG

Comments

Comment
Undeformed, granitic rock, similar to 19, with pods and lenses of coarse grained material.

Field Observation Point: VRO_40

Collected on: 05.06.2019 16:10:29 **At Coordinates: X:** 480796,2229 **- Y:** 6568515,657

Summary Label: GRAG

Comments

Comment
Fine to med grained massive granite. Euigranular and light colored with red kfeldspar. no apparent foliation

Field Observation Point: VRO_41

Collected on: 05.06.2019 16:14:55 **At Coordinates: X:** 480805,6274 **- Y:** 6568421,9411

Summary Label: GRAG

Comments

Comment
same granitic rock as 40. weak magmatic foliation. undeformed and massive. grainsize varies to finegrained in lenses.

Field Observation Point: VRO_42

Collected on: 05.06.2019 16:22:18 **At Coordinates: X:** 480812,8986 **- Y:** 6568237,3627

Summary Label: CAT

Comments

Comment
Extremely fine grained, dark greenish matrix with red, angular clasts up to 1 cm.

Field Observation Point: VRO_43

Collected on: 05.06.2019 16:28:10 **At Coordinates: X:** 480796,9525 **- Y:** 6568013,6442

Summary Label: MYL

Comments

Comment
amphibolitic mylonite, very fine grained with occasional sigma clasts showing tt SE extension. alternating dark and light layers, cut by small scale normal faults.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	155	10			A	
Lineation_Plunging	125	8	Mineral-Lin		A	

Field Observation Point: VRO_44

Collected on: 05.06.2019 16:46:55 **At Coordinates: X:** 480854,5728 **- Y:** 6566833,0092

Summary Label: MYL

Comments

Comment
light colored, felsic mylonite, fine grained equigranular rock. very visible shear foliation. rhyolitic protolith? tt SE kinematic from fold.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment

Foliation_Shear_Inclined	145	32	Fabric-MylonPhylon			
Fold_Axis_Inclined	220	8	Shape-Isoclinal			Symmetric, tight inclined fold, decimeter scale.
Lineation_Plunging	130					estimated from fold axis

Field Observation Point: VRO_45

Collected on: 06.06.2019 09:15:17 **At Coordinates: X:** 481050,5679 **- Y:** 6566501,4359

Summary Label: AMG

Comments

Comment
Fine grained, melanocratic equigranular rock. Banded, dark laminae makes a conpositional foliation. Alternating layers of a mix of white and black minerals and v.f. grained black minerals

Field Observation Point: VRO_46

Collected on: 06.06.2019 09:33:38 **At Coordinates: X:** 480951,1307 **- Y:** 6566682,0446

Summary Label: AM

Comments

Comment
Finegrained, equigranular, melanocratic rock with a dark green color. Massive and homogenous, with "salt & pepper" texture. Includes lenses of finegrained, equigranular, leucocratic white rock with flow-like lamination. Includes occasional bands of surrounding amphibolite. Sharp, undulating boundary between white lenses and surrounding amphibolite.

Field Observation Point: VRO_47

Collected on: 06.06.2019 09:57:46 **At Coordinates: X:** 480865,2027 **- Y:** 6566803,6091

Summary Label: AMG

Comments

Comment
V.f. grained, dark, equigranular melanocratic rock. Homogenous, white grains have weak preferred, elongated orientation, visible as a foliation. Poor outcrop

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	146	30				

Field Observation Point: VRO_48

Collected on: 06.06.2019 10:14:55 **At Coordinates: X:** 480856,482 **- Y:** 6566841,5208

Summary Label: AM

Comments

Comment
same as 47, but no apparent foliation. Massive and homogenous

Field Observation Point: VRO_49

Collected on: 06.06.2019 10:27:01 **At Coordinates: X:** 480805,3784 **- Y:** 6566993,0986

Summary Label: AM

Comments

Comment
Same as in 46, but here the leucocratic rock occurs as veins, not lenses.

Field Observation Point: VRO_50

Collected on: 06.06.2019 10:39:43 **At Coordinates: X:** 480750,3944 **- Y:** 6567163,2954

Summary Label: AM

Comments

Comment
Same rock as 49, no leococratic veins or lenses. Poor outcrop

Field Observation Point: VRO_51

Collected on: 06.06.2019 11:00:05 **At Coordinates: X:** 480739,3447 **- Y:** 6567238,9615

Summary Label: AMG

Comments

Comment
Finegrained, melanocratic, equigranular rock, with elongated grains making a foliation. Occasional felsic, equigranular finegrained veins, white with red color. no apparent lineation on foliation plane. poor outcrop

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	56	9				

Field Observation Point: VRO_52

Collected on: 06.06.2019 11:27:10 **At Coordinates: X:** 480667,7911 **- Y:** 6567408,8286

Summary Label: AND

Comments

Comment
Melanocratic, porphyritic dark rock. with finegrained black matrix and white, med grained porphyroclasts. Otherwise massive and homogenous. Some mica and sulfides in the matrix. Interpreted as phenocrystic andesite.

Field Observation Point: VRO_53

Collected on: 06.06.2019 11:45:07 **At Coordinates: X:** 480665,796 **- Y:** 6567518,1089

Summary Label: GRAG

Comments

Comment
Medium grained, equigranular white and red rock, rich in qtz and kfeldspar, cut by pegmatitic, coarse grained veins.

Field Observation Point: VRO_54

Collected on: 06.06.2019 11:52:45 **At Coordinates: X:** 480586,2717 **- Y:** 6567489,8166

Summary Label: GRAG

Comments

Comment
Porphyric, mesocratic rock with a finegrained, black matrix and red, med grained porphyroclasts. Cut by pegmatitic, felsic veins parallel with foliation. No obvious lineations. Similar to augengneiss, but clasts are made up of several smaller grains.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	121	16	Fabric-Gneissic			

Field Observation Point: VRO_55

Collected on: 06.06.2019 12:09:08 **At Coordinates: X:** 480442,2903 **- Y:** 6567592,7311

Summary Label: GRAG

Comments

Comment
Same as 54

Field Observation Point: VRO_56

Collected on: 06.06.2019 12:12:10 **At Coordinates: X:** 480338,6904 **- Y:** 6567690,1042

Summary Label: GRAG

Comments

Comment
Same as 54 and 55. 1m thick pegmatitic vein

Field Observation Point: VRO_57

Collected on: 06.06.2019 12:23:33 **At Coordinates: X:** 480079,3933 **- Y:** 6567630,4623

Summary Label: GRAG

Comments

Comment
Same as 56 & 57,

Field Observation Point: VRO_58

Collected on: 06.06.2019 12:33:45 **At Coordinates: X:** 480453,6627 **- Y:** 6568026,8136

Summary Label: GRAG

Comments

Comment
Same as 55-57

Field Observation Point: VRO_59

Collected on: 06.06.2019 13:07:11 **At Coordinates: X:** 480440,6185 **- Y:** 6567618,2262

Summary Label: GRAG

Comments

Comment
Same as 55

Field Observation Point: VRO_60

Collected on: 06.06.2019 13:14:51 **At Coordinates: X:** 480656,1061 **- Y:** 6567559,7508

Summary Label: AND

Comments

Comment

Same lithology as 52, the white porphyroclasts are smaller, and the matrix has a weak green shine. Plenty of mica in the matrix aswell.

Field Observation Point: VRO_61

Collected on: 06.06.2019 13:23:38 **At Coordinates: X:** 480668,7872 **- Y:** 6567628,3549

Summary Label: AND

Comments

Comment
Same as 60

Field Observation Point: VRO_62

Collected on: 06.06.2019 13:56:35 **At Coordinates: X:** 480760,0298 **- Y:** 6567791,8139

Summary Label: MYL

Comments

Comment
Very fine grained, equigranular melanocratic rock. Dark color, with a weak, red banding and occasional clast, otherwise dark matrix. Looks very similar to 43. A few, red, feldspar sigma clast and mineral lineations

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	151	15	Fabric-MylonPhylon			
Lineation_Plunging	121	10	Mineral-Lin			

Field Observation Point: VRO_63

Collected on: 06.06.2019 14:13:09 **At Coordinates: X:** 480865,071 - **Y:** 6567816,7389

Summary Label: AM

Comments

Comment
Mafic, v.f. grained equigranular rock. Massive and homogenous, with a majority of black mica and amphibole.

Field Observation Point: VRO_64

Collected on: 06.06.2019 14:27:19 **At Coordinates: X:** 480797,1287 - **Y:** 6567978,8513

Summary Label: MYL

Comments

Comment
Same amphibolitic mylonite as in 43. Fold and sigma clast. Red, feldsparclasts possibly old foliation from GRAG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	145	10	?			
Fold_Axis_Inclined	60	10	Shape-Tight			

Field Observation Point: VRO_65

Collected on: 06.06.2019 15:10:23 **At Coordinates: X:** 480819,665 - **Y:** 6568355,0009

Summary Label: GRAG

Comments

Comment
Same as 41

Field Observation Point: VRO_66

Collected on: 06.06.2019 15:33:42 **At Coordinates: X:** 481216,9164 **- Y:** 6568407,6879

Summary Label: DAC

Comments

Comment
Melanocratic, finegrained, equigranular rock of mafic origin. Dark green, black color of the matrix. Resembling loc. 29

Field Observation Point: VRO_67

Collected on: 06.06.2019 15:43:52 **At Coordinates: X:** 481368,0441 **- Y:** 6568365,0437

Summary Label: MYL

Comments

Comment
Mesocratic, fine-grained, heterogenic mylonite.Red, elongated k-feldspar clasts in black, fine grained matrix.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	125	16	Fabric-MylonPhylon		A	
Lineation_Plunging	142	15	Mullion-Lin		A	

Field Observation Point: VRO_68

Collected on: 06.06.2019 16:19:18 **At Coordinates: X:** 481414,4337 **- Y:** 6568141,3047

Summary Label: DAC

Comments

Comment
Mafic, finegrained equigranular rock. Homogenous and massive, with a dark black and green color. similar to 66, but darker and more melanocratic.

Field Observation Point: VRO_69

Collected on: 06.06.2019 16:24:44 **At Coordinates: X:** 481464,1057 **- Y:** 6568156,9599

Summary Label: MEGA

Comments

Comment
Porphyric, mesocratic and massive rock. White, med grained plagioclase phenocrysts in a fine grained black and green matrix. Dacite?

Field Observation Point: VRO_70

Collected on: 06.06.2019 16:33:13 **At Coordinates: X:** 481544,8493 **- Y:** 6568100,2028

Summary Label: MEGA

Comments

Comment
Same as 69, but here with meter long leucocratic lenses and veinsof coarse grained qtz and kfeldspar

Field Observation Point: VRO_71

Collected on: 06.06.2019 16:41:58 **At Coordinates: X:** 481680,9324 **- Y:** 6567948,4819

Summary Label: MEGA

Comments

Comment
Same as 69

Field Observation Point: VRO_72

Collected on: 06.06.2019 16:47:11 **At Coordinates: X:** 481505,9105 **- Y:** 6568242,9401

Summary Label: MEGA

Comments

Comment
Same as 69

Field Observation Point: VRO_73

Collected on: 07.06.2019 09:36:57 **At Coordinates: X:** 481705,9102 **- Y:** 6565765,8352

Summary Label: AM

Comments

Comment
Massive, finegrained and equigranular rock dark rock. Cut by widely spaced veins of med to coarse grained felsic material consisting of qtz and kfeldspar

Field Observation Point: VRO_74

Collected on: 07.06.2019 10:03:29 **At Coordinates: X:** 481678,748 **- Y:** 6565798,1879

Summary Label: AMG

Comments

Comment
Alternating light and dark layers. Light layers are massive, mesoocratic, equigranular finegrained rock, with greyish white with weak red color. Dark layers are melanocratic, equigranular, more mafic finegrained rock, but still red color.

Field Observation Point: VRO_75

Collected on: 07.06.2019 10:31:49 **At Coordinates: X:** 481624,6342 **- Y:** 6565858,1203

Summary Label: RYO

Comments

Comment
Leucocratic, finegrained, massive white/pink rock. Equigranular. Similar to light layers in 74. Rhyolite?

Field Observation Point: VRO_76

Collected on: 07.06.2019 10:43:27 **At Coordinates: X:** 481595,1434 **- Y:** 6565937,0081

Summary Label: AM

Comments

Comment
Same massive mafic rock as 73, but no visible felsic veins. Distinct, mm scale layered

Field Observation Point: VRO_77

Collected on: 07.06.2019 10:54:00 **At Coordinates: X:** 481553,4942 **- Y:** 6566043,4236

Summary Label: AM

Comments

Comment
Melanocratic, finegrained, equigranular rock, Black color and some mica seen in a clean cut. Massive.

Field Observation Point: VRO_78

Collected on: 07.06.2019 11:04:33 **At Coordinates: X:** 481459,9098 **- Y:** 6566179,8997

Summary Label: AM

Comments

Comment
Same as 77. Very overgrown and weathered outcrops so far, no visible foliation

Field Observation Point: VRO_79

Collected on: 07.06.2019 11:16:58 **At Coordinates: X:** 481416,5009 **- Y:** 6566277,415

Summary Label: PYRO

Comments

Comment
Porphyric, mesocratic heterogenous cataclasitic rock. Matrix is black, v.f. grained. The clasts range from a few mm to 10 cm long in elongated direction, with a preferred direction in some areas and random orientation in other places. The clasrs are of felsic origin, with a white to red colour. Some clasts are dragged out in ribbons, while others are angular clasts. Mylonitic cataclasite? Varies from 50/50 clasts/ matrix to 100% matrix. Hardness and quality of outcrop makes precise measurements impossible.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	55	60				Estimated preferred orientation of clasts.
Foliation_Shear_Inclined	50	70				on poor outcrop plane

Field Observation Point: VRO_80

Collected on: 07.06.2019 11:41:32 **At Coordinates: X:** 481392,374 **- Y:** 6566314,003

Summary Label: PYRO

Comments

Comment
Same as 79, here seen roughly down-dip

Field Observation Point: VRO_81

Collected on: 07.06.2019 11:48:54 **At Coordinates: X:** 481377,7918 **- Y:** 6566343,6976

Summary Label: PYRO

Comments

Comment

Same as 80, but mostly matrix-supported, and the clasts that are visible are mostly elongated and rounded. Areas with clasts are localized. More mylonitic than cataclasitic, but poor outcrop quality does not show foliation or lineation.

Field Observation Point: VRO_82

Collected on: 07.06.2019 12:01:12 **At Coordinates: X:** 481364,9762 **- Y:** 6566464,4065

Summary Label: AMG

Comments

Comment
Fine grained, equigranular melanocratic rock. Weak alternation of light and dark minerals make a weak compositional foliation

Field Observation Point: VRO_83

Collected on: 07.06.2019 12:11:46 **At Coordinates: X:** 481342,0197 **- Y:** 6566527,9297

Summary Label: AMG

Comments

Comment
Same as 82. localized areas of banded felsic layers.

Field Observation Point: VRO_84

Collected on: 07.06.2019 12:44:09 **At Coordinates: X:** 481315,6297 **- Y:** 6566644,4396

Summary Label: AM

Comments

Comment
Same mafic, finegrained rock as 83. Cut by med grained felsic veins.

Field Observation Point: VRO_85

Collected on: 07.06.2019 12:56:36 **At Coordinates: X:** 481289,5498 **- Y:** 6566741,0397

Summary Label: RYO

Comments

Comment
Fine grained, equigranular leucocratic massive rock. White, pale yellow color. occasional, fine grained mafic cm wide veins

Field Observation Point: VRO_86

Collected on: 07.06.2019 13:16:31 **At Coordinates: X:** 481306,4925 **- Y:** 6566802,9831

Summary Label: RYO

Comments

Comment
Same as 85

Field Observation Point: VRO_87

Collected on: 07.06.2019 13:22:57 **At Coordinates: X:** 481296,5897 **- Y:** 6566900,0397

Summary Label: AM

Comments

Comment
Same as 84

Field Observation Point: VRO_88

Collected on: 07.06.2019 13:32:56 **At Coordinates: X:** 481322,7881 **- Y:** 6566983,4881

Summary Label: GRA

Comments

Comment
Porphyric, leucocratic rock with coarse, red kfeldspar clasts in a matrix of fine grained white and black grains. Clasts with no obvious kinematic indicators or lineations

Field Observation Point: VRO_89

Collected on: 07.06.2019 13:42:16 **At Coordinates: X:** 481398,719 **- Y:** 6567002,7586

Summary Label: MEGA

Comments

Comment
Same lithology as 69. Med grained mesocratic massive, with white and green grains

Field Observation Point: VRO_90

Collected on: 07.06.2019 13:51:49 **At Coordinates: X:** 481491,3797 **- Y:** 6567007,5997

Summary Label: MEGA

Comments

Comment
Same as 89

Field Observation Point: VRO_91

Collected on: 07.06.2019 14:07:23 **At Coordinates: X:** 481611,8298 **- Y:** 6567016,0897

Summary Label: MYL

Comments

Comment
Melanocratic, finegrained equigranular rock. Mostly homogenous, with one are of strain localization band visible. No foliation or lineation visible to measure. Metagabbroic protolith plausible

Field Observation Point: VRO_92

Collected on: 07.06.2019 14:16:47 **At Coordinates: X:** 481561,4798 **- Y:** 6567220,4697

Summary Label: MEGA

Comments

Comment
Same as 90

Field Observation Point: VRO_93

Collected on: 07.06.2019 14:33:42 **At Coordinates: X:** 481471,5698 **- Y:** 6567492,1897

Summary Label: MEGA

Comments

Comment
MEGA as in 92, with coarse grained 5cm wide vein of felsic light minerals

Field Observation Point: VRO_94

Collected on: 07.06.2019 14:41:00 **At Coordinates: X:** 481528,6998 **- Y:** 6567650,8797

Summary Label: MEGA

Comments

Comment
Same as 93

Field Observation Point: VRO_95

Collected on: 07.06.2019 14:50:44 **At Coordinates: X:** 481782,3146 **- Y:** 6567868,0514

Summary Label: MEGA

Comments

Comment

Same as 71

Field Observation Point: VRO_96

Collected on: 07.06.2019 15:59:53 **At Coordinates: X:** 481333,0196 **- Y:** 6566871,461

Summary Label: MYL

Comments

Comment
Leucocratic, porphyricwhite/grey rock. Elongated red/white phenocrysts in a fine grained, grey and white matrix. Very poor outcrop, with no visible foliation planes or lineations

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	120	15	Fabric-MylonPhylon			

Field Observation Point: VRO_97

Collected on: 07.06.2019 17:53:27 **At Coordinates: X:** 482089,7743 **- Y:** 6565083,3023

Summary Label: AND

Comments

Comment
Similar to 8, greyish leucocratic equigranular rock.

Field Observation Point: VRO_98

Collected on: 08.06.2019 09:20:32 **At Coordinates: X:** 481814,0622 **- Y:** 6565631,267

Summary Label: AM

Comments

Comment
Contact between a fine grained, melanocratic, equigranular mafic amphibolite and a med grained, equigranular melanocratic metagabbro. No apparent foliation in either

Field Observation Point: VRO_99

Collected on: 08.06.2019 09:27:48 **At Coordinates: X:** 481882,5571 **- Y:** 6565636,8717

Summary Label: AM

Comments

Comment
V.f. grained mafic matrix with porphyroclasts of amphibole and/ot magnetite with a rim of white plag around porphyroclasts.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	51	59				

Field Observation Point: VRO_100

Collected on: 08.06.2019 09:34:56 **At Coordinates: X:** 481981,6698 **- Y:** 6565603,9697

Summary Label: MEGA

Comments

Comment
Same MEGA as in 98. Flow textures in white plag

Field Observation Point: VRO_101

Collected on: 08.06.2019 09:38:20 **At Coordinates: X:** 482002,2127 **- Y:** 6565596,0009

Summary Label: AND

Comments

Comment
Alternating mafic v.f. grained equigranular AM and fine grained felsic andesite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	7	74				

Field Observation Point: VRO_102

Collected on: 08.06.2019 09:43:36 **At Coordinates: X:** 482047,0798 **- Y:** 6565693,5497

Summary Label: MEGA

Comments

Comment
Same as 100, here with magnetite

Field Observation Point: VRO_103

Collected on: 08.06.2019 09:50:45 **At Coordinates: X:** 482111,1839 **- Y:** 6565726,2983

Summary Label: AUG

Comments

Comment
Contact between the amphibolite and augengneiss. Augengneiss is either fractured or sheared near the contact. Sigma clast shows thrusting. Amphibolite is fine grained and equigranular near the contact

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	137	29	Fabric-ShearZoneGen		B	
Lineation_Plunging	162	31	Mineral-Lin		B	
Foliation_Shear_Inclined	122	32	Fabric-ShearZoneGen		B	
Lineation_Plunging	166	19	Mullion-Lin		B	

Field Observation Point: VRO_104

Collected on: 08.06.2019 10:23:33 **At Coordinates: X:** 482157,7875 **- Y:** 6565730,3684

Summary Label: AM

Comments

Comment
Lense of AM in AUG

Field Observation Point: VRO_105

Collected on: 08.06.2019 10:25:33 **At Coordinates: X:** 482173,8285 **- Y:** 6565722,8289

Summary Label: AUG

Comments

Comment
Same as 103, relatively undeformed with weak foliation

Field Observation Point: VRO_106

Collected on: 08.06.2019 10:40:34 **At Coordinates: X:** 482295,2898 **- Y:** 6565741,9997

Summary Label: AUG

Comments

Comment
Same as 105

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	45	40				

Field Observation Point: VRO_107

Collected on: 08.06.2019 10:44:53 **At Coordinates: X:** 482340,7933 **- Y:** 6565750,7172

Summary Label: AUG

Comments

Comment
Same as 106, but stronger shearing. Lenses of fine to med grained amphibolite in AUG. Melanocratic, mafic, dark color.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	31	37	Fabric-ShearZoneGen			
Lineation_Plunging	98	33	Mineral-Lin			

Field Observation Point: VRO_108

Collected on: 08.06.2019 11:01:23 **At Coordinates: X:** 482455,9564 **- Y:** 6565761,8411

Summary Label: AM

Comments

Comment
Alternating layers of fine grained, equigranular mafic layers of amphibolite and lighter, more felsic rhyolitic layers

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	15	45				

Field Observation Point: VRO_109

Collected on: 08.06.2019 11:07:59 **At Coordinates: X:** 482472,7881 **- Y:** 6565759,9281

Summary Label: MYL

Comments

Comment
V.f. grained melanocratic matrix with coarse kfeldspar clasts

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Lineation_Plunging	330	21	Mineral-Lin		A	
Foliation_Shear_Inclined	1	21	Fabric-MylonPhylon		A	

Field Observation Point: VRO_110

Collected on: 08.06.2019 11:13:22 **At Coordinates: X:** 482490,9498 **- Y:** 6565763,2397

Summary Label: DAC

Comments

Comment
V.f. grained, equigranular to small-porphyritic (ca 1mm clasts) intermediate to felsic banded rock. Alternating with lighter and darker bands

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	189	34				

Field Observation Point: VRO_111

Collected on: 08.06.2019 11:23:36 **At Coordinates: X:** 482502,9798 **- Y:** 6565765,7997

Summary Label: MYL

Comments

Comment
same as 109, next to mafic, med grained MEGA

Field Observation Point: VRO_112

Collected on: 08.06.2019 11:29:11 **At Coordinates: X:** 482534,4298 **- Y:** 6565772,2697

Summary Label: DIO

Comments

Comment
Med grained, mesocratic to leucocratic, banded, small-porphyritic rock. Cut by a v.f. grained shear zone with elongated, white grains

Field Observation Point: VRO_113

Collected on: 08.06.2019 11:36:59 **At Coordinates: X:** 482569,7649 **- Y:** 6565788,4672

Summary Label: AUG

Comments

Comment
Same AUG as in103, massive and low deformation grade

Field Observation Point: VRO_114

Collected on: 08.06.2019 11:42:35 **At Coordinates: X:** 482664,3098 **- Y:** 6565814,2397

Summary Label: AM

Comments

Comment
Mafic, equigranular dark rock with more felsuc, leucocratic finegrained banding.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	37	50				

Field Observation Point: VRO_115

Collected on: 08.06.2019 11:52:01 **At Coordinates: X:** 482756,2128 **- Y:** 6565838,4043

Summary Label: GRA

Comments

Comment
V.f. grained mafic equigranular amphibolite banded with a porphyritic, granitic roxk with a fine grained felsic matrix and cm big clasts of amphibole. Bands varies from ca 10 cm to meter scale thickness.

Field Observation Point: VRO_116

Collected on: 08.06.2019 12:02:21 **At Coordinates: X:** 482774,0198 **- Y:** 6565926,2797

Summary Label: DAC

Comments

Comment
Intermediate, med grained, massive rock. Small-porphyritic with mm felsic clasts in more mafic fine grained matrix

Field Observation Point: VRO_117

Collected on: 08.06.2019 12:11:09 **At Coordinates: X:** 482821,4697 **- Y:** 6565969,0297

Summary Label: RYO

Comments

Comment
Leucocratic, small-porphyric massive and homogenous rock. Fine grained matrix with med grained clasts, with a weak layering Alternating lenses of RYO and MEGA with diffuse contacts, but it seems to be a majority of RYO

Field Observation Point: VRO_118

Collected on: 08.06.2019 12:33:14 **At Coordinates: X:** 482967,9298 **- Y:** 6565983,6197

Summary Label: RYO

Comments

Comment
Same rholitic\metagabbro alternation as 117

Field Observation Point: VRO_119

Collected on: 08.06.2019 12:38:35 **At Coordinates: X:** 483047,1798 **- Y:** 6565987,3397

Summary Label: AM

Comments

Comment
Mafic, finegrained and equigranular. No visible banding

Field Observation Point: VRO_120

Collected on: 08.06.2019 12:44:08 **At Coordinates: X:** 483056,178 **- Y:** 6566017,7496

Summary Label: RYO

Comments

Comment
Leucocraric, small porphyritic massive rock with a red color. Very magnetic

Field Observation Point: VRO_121

Collected on: 08.06.2019 13:25:38 **At Coordinates: X:** 483171,9221 **- Y:** 6565955,2784

Summary Label: RYO

Comments

Comment
Massice, felsic, fine grained and massive RYO

Field Observation Point: VRO_122

Collected on: 08.06.2019 13:30:44 **At Coordinates: X:** 483210,7698 **- Y:** 6565936,1197

Summary Label: AM

Comments

Comment
Igneous contact between massive, finegrained equigranular amphibolite and fine to medgrained felsic rock

Field Observation Point: VRO_123

Collected on: 08.06.2019 13:36:15 **At Coordinates: X:** 483268,0898 **- Y:** 6565915,7697

Summary Label: AM

Comments

Comment
Same AM as in 122

Field Observation Point: VRO_124

Collected on: 08.06.2019 13:38:08 **At Coordinates: X:** 483302,0592 **- Y:** 6565916,1574

Summary Label: DAC

Comments

Comment
Similar to RYO at 121, but more banding at this loc as well as a more greyish wite color. Finegrained and equigranular

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Penetrative_Inclined	110	41				

Field Observation Point: VRO_125

Collected on: 08.06.2019 13:48:05 **At Coordinates: X:** 483415,1498 **- Y:** 6565962,6997

Summary Label: MEGA

Comments

Comment
Typical MEGA texture

Field Observation Point: VRO_126

Collected on: 08.06.2019 13:55:21 **At Coordinates: X:** 483446,1298 **- Y:** 6566049,4997

Summary Label: AM

Comments

Comment
Same AM as in 123

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	58	34				

Field Observation Point: VRO_127

Collected on: 08.06.2019 14:01:20 **At Coordinates: X:** 483534,8398 **- Y:** 6566068,9697

Summary Label: RYO

Comments

Comment
Felsic, equigranular to small-porphyrc massive rock with redish color

Field Observation Point: VRO_128

Collected on: 08.06.2019 14:06:36 **At Coordinates: X:** 483664,4697 **- Y:** 6566052,1197

Summary Label: RYO

Comments

Comment
Porphyric rhyolite, clasts up to 1 cm in fine grained matrix

Field Observation Point: VRO_129

Collected on: 08.06.2019 14:12:48 **At Coordinates: X:** 483783,6497 **- Y:** 6566138,0497

Summary Label: AM

Comments

Comment

V.f. rained equigranular, mafic dark rock. Massive

Field Observation Point: VRO_130

Collected on: 08.06.2019 14:19:06 **At Coordinates: X:** 483855,6598 **- Y:** 6566174,4697

Summary Label: RYO

Comments

Comment
Rhyolite in contact with v.f. grained mafic equigranular ampgibolite. Sifficult to tell what cuts what, but outcrops dominated by rhyolite

Field Observation Point: VRO_131

Collected on: 08.06.2019 14:23:12 **At Coordinates: X:** 483898,8798 **- Y:** 6566247,2297

Summary Label: AM

Comments

Comment
Same finegrained AM as previously

Field Observation Point: VRO_132

Collected on: 08.06.2019 14:30:10 **At Coordinates: X:** 483908,3779 **- Y:** 6566377,4895

Summary Label: RYO

Comments

Comment
Massive, same as previously

Field Observation Point: VRO_133

Collected on: 08.06.2019 14:36:32 **At Coordinates: X:** 483880,12 **- Y:** 6566546,7877

Summary Label: RYO

Comments

Comment
3-4 cm thick feldspar rich bands cutting through otherwise massive

Field Observation Point: VRO_134

Collected on: 08.06.2019 14:43:23 **At Coordinates: X:** 483774,8973 **- Y:** 6566544,0897

Summary Label: RYO

Comments

Comment
Massive, finegrained equigranular rhyolite

Field Observation Point: VRO_135

Collected on: 08.06.2019 14:48:31 **At Coordinates: X:** 483754,3326 **- Y:** 6566563,0105

Summary Label: AM

Comments

Comment
Contact between mafic, finegrained equigranular amphibolite and med grained rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	315	89				

Field Observation Point: VRO_136

Collected on: 08.06.2019 14:53:37 **At Coordinates: X:** 483721,6328 **- Y:** 6566603,8969

Summary Label: RYO

Comments

Comment
Felsic, small-porphyric rhyolite, similar to what have been mapped all day.

Field Observation Point: VRO_137

Collected on: 08.06.2019 14:59:52 **At Coordinates: X:** 483657,0192 **- Y:** 6566672,6274

Summary Label: RYO

Comments

Comment
Small-porphyric rhyolite with med grained clasts

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment

Foliation_Compositional_Inclined	265	89				

Field Observation Point: VRO_138

Collected on: 08.06.2019 15:10:31 **At Coordinates: X:** 483596,5961 **- Y:** 6566771,8511

Summary Label: RYO

Comments

Comment
Finw to med grained equigranular banded felsic and more mafic layers. Dominated by felsic minerals. Feldspar clasts up to 6mm wide

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	356	75	Fabric-Gneissic			
Fold_Axis_Inclined	81	45	Shape-Isoclinal		A	dm-scale wavelenght
Axial_Plane_Inclined	356	75	Shape-Isoclinal		A	

Field Observation Point: VRO_139

Collected on: 08.06.2019 15:37:40 **At Coordinates: X:** 483479,4886 **- Y:** 6566798,0072

Summary Label: RYO

Comments

Comment
Med grained clasts in fine grained matrix, making a small-porphyric banded rhyolite

Field Observation Point: VRO_140

Collected on: 08.06.2019 15:42:50 **At Coordinates: X:** 483376,184 **- Y:** 6566843,5828

Summary Label: RYO

Comments

Comment
Med grained rhyolie

Field Observation Point: VRO_141

Collected on: 08.06.2019 15:49:17 **At Coordinates: X:** 483302,2551 **- Y:** 6566770,5798

Summary Label: RYO

Comments

Comment
Same as 140

Field Observation Point: VRO_142

Collected on: 08.06.2019 15:52:02 **At Coordinates: X:** 483248,9473 **- Y:** 6566748,2249

Summary Label: RYO

Comments

Comment
Magnetitegrains in rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	198	88				

Field Observation Point: VRO_143

Collected on: 08.06.2019 15:55:29 **At Coordinates: X:** 483200,7982 **- Y:** 6566775,7386

Summary Label: MEGA

Comments

Comment
Mesocratic, med grained mafic massive rock. Equigranular and dark

Field Observation Point: VRO_144

Collected on: 08.06.2019 15:59:04 **At Coordinates: X:** 483200,8818 **- Y:** 6566755,3392

Summary Label: DAC

Comments

Comment
Fine grained, equigranular mesocratic intermediate rock. Massive

Field Observation Point: VRO_146

Collected on: 08.06.2019 16:02:47 **At Coordinates: X:** 483140,4499 **- Y:** 6566660,9372

Summary Label: RYO

Comments

Comment
Fine grained, small-porphyritic felsic rock. Banded with a weak red color

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	174	46				

Field Observation Point: VRO_147

Collected on: 08.06.2019 16:06:25 **At Coordinates: X:** 483114,1879 **- Y:** 6566677,5912

Summary Label: MEGA

Comments

Comment
Same as 143

Field Observation Point: VRO_148

Collected on: 08.06.2019 16:08:31 **At Coordinates: X:** 483065,5071 **- Y:** 6566637,2374

Summary Label: RYO

Comments

Comment
Same as 142

Field Observation Point: VRO_149

Collected on: 08.06.2019 16:14:21 **At Coordinates: X:** 482935,5998 **- Y:** 6566654,0597

Summary Label: DAC

Comments

Comment
Porphyric, intermediar greyish massive rock. Few clasts, 90% matrix

Field Observation Point: VRO_150

Collected on: 08.06.2019 16:18:38 **At Coordinates: X:** 482888,5697 **- Y:** 6566675,1097

Summary Label: MEGA

Comments

Comment
Med grained mafic equigranular mwtagabbro, with subophitic texture

Field Observation Point: VRO_151

Collected on: 08.06.2019 16:24:00 **At Coordinates: X:** 482840,5637 **- Y:** 6566666,4885

Summary Label: AM

Comments

Comment
Greyish, dinegrained equigranular mafic rock

Field Observation Point: VRO_152

Collected on: 08.06.2019 16:26:46 **At Coordinates: X:** 482765,8098 **- Y:** 6566656,6897

Summary Label: RYO

Comments

Comment
Same as 148

Field Observation Point: VRO_153

Collected on: 08.06.2019 16:29:06 **At Coordinates: X:** 482729,1298 **- Y:** 6566652,2697

Summary Label: DAC

Comments

Comment
Banded diorite

Field Observation Point: VRO_154

Collected on: 08.06.2019 16:32:48 **At Coordinates: X:** 482707,4898 **- Y:** 6566595,4897

Summary Label: DAC

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	6	75				

Field Observation Point: VRO_156

Collected on: 08.06.2019 16:38:19 **At Coordinates: X:** 482747,0597 **- Y:** 6566447,6397

Summary Label: MEGA

Comments

Comment
Same MEGA as 155

Field Observation Point: VRO_157

Collected on: 08.06.2019 16:40:24 **At Coordinates: X:** 482787,8398 **- Y:** 6566379,1596

Summary Label: DAC

Comments

Comment
Intermediate, fine grained, banded grey rock. Localized bands of high strain

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	15	42				

Field Observation Point: VRO_158

Collected on: 08.06.2019 16:47:17 **At Coordinates: X:** 482842,1898 **- Y:** 6566292,6897

Summary Label: MEGA

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment

Foliation_Compositional_Inclined	95	15				

Field Observation Point: VRO_159

Collected on: 08.06.2019 16:50:59 **At Coordinates: X:** 482861,2198 **- Y:** 6566253,6197

Summary Label: RYO

Comments

Comment
Igneous sharp contact between banded finegrained dacite and med grained lightcolored rhyolite/granite. 10 cm long xenoliths of dacite in rhyolite, aswell as veins of rhyolite in dacite

Field Observation Point: VRO_160

Collected on: 09.06.2019 09:39:50 **At Coordinates: X:** 484131,5603 **- Y:** 6564206,9521

Summary Label: RYO

Comments

Comment
Small-porphyric (1mm clasts), leucocratic homogenous felsic rock. Have an almost granitic texture, and white & red color

Field Observation Point: VRO_161

Collected on: 09.06.2019 09:47:44 **At Coordinates: X:** 484016,1398 **- Y:** 6564317,3797

Summary Label: AM

Comments

Comment
Fine grained, equigranular mafic rock. Massive and homogenous.

Field Observation Point: VRO_163

Collected on: 09.06.2019 09:52:59 **At Coordinates: X:** 484031,6898 **- Y:** 6564319,1796

Summary Label: RYO

Comments

Comment
Fine to med grained, porphyric leucocratic rock. Pink and white color, relatively massive. Granitic textured rhyolite

Field Observation Point: VRO_164

Collected on: 09.06.2019 10:02:56 **At Coordinates: X:** 484006,9798 **- Y:** 6564396,5397

Summary Label: RYO

Comments

Comment
Igneous contact between porphyric/granitic rhyolite and fine grained, equigranular mafic amphibolite. Mafic xenoliths up to 1 m long in rhyolite. Some xenoliths are also partly cut by intruding felsic vein. Rhyolite on top of amphibolite

Field Observation Point: VRO_165

Collected on: 09.06.2019 10:16:26 **At Coordinates: X:** 484045,3797 **- Y:** 6564425,3197

Summary Label: RYO

Comments

Comment
Fine to med grained, small-porphyric massive rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	146	40				

Field Observation Point: VRO_166

Collected on: 09.06.2019 10:27:00 **At Coordinates: X:** 484127,3898 **- Y:** 6564436,5096

Summary Label: DAC

Comments

Comment
Finegrained, equigranular intermediate lense in med grained small-porphyric granite/rhyolite

Field Observation Point: VRO_167

Collected on: 09.06.2019 10:31:06 **At Coordinates: X:** 484098,2898 **- Y:** 6564487,3997

Summary Label: RYO

Comments

Comment
Same as 165

Field Observation Point: VRO_168

Collected on: 09.06.2019 10:33:12 **At Coordinates: X:** 484088,8197 **- Y:** 6564501,0197

Summary Label: DAC

Comments

Comment
Igneous contact. Intermediate, fine grained and equigranular banded rock cut by a felsic, med to coarse grained granite

Field Observation Point: VRO_169

Collected on: 09.06.2019 10:46:10 **At Coordinates: X:** 484028,7142 **- Y:** 6564520,629

Summary Label: RYO

Comments

Comment
Very overgrown outcrop, but an igneous contact between a fine to med grained small-porphyric (1-2mm clasts) and a very fine grained, equigranular dark grey dacite/ampibole. Xenoliths of mafic rocks in rhyolite. Felsic and mafic layers of ca. 2-4 cm thickness are also alternating in a few localized areas

Field Observation Point: VRO_170

Collected on: 09.06.2019 11:06:11 **At Coordinates: X:** 484055,9655 **- Y:** 6564638,2338

Summary Label: RYO

Comments

Comment
Small-porphyric (2-3mm clasts), weakly layered rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	102	45				

Field Observation Point: VRO_171

Collected on: 09.06.2019 11:13:16 **At Coordinates: X:** 484027,3697 **- Y:** 6564664,5597

Summary Label: AM

Comments

Comment
Same as 161

Field Observation Point: VRO_172

Collected on: 09.06.2019 11:23:52 **At Coordinates: X:** 484009,4397 **- Y:** 6564751,0897

Summary Label: AM

Comments

Comment
Same as 171

Field Observation Point: VRO_173

Collected on: 09.06.2019 11:25:38 **At Coordinates: X:** 484006,7098 **- Y:** 6564770,4397

Summary Label: RYO

Comments

Comment
Same RYO as in 170

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	66	34				

Field Observation Point: VRO_174

Collected on: 09.06.2019 11:31:56 **At Coordinates: X:** 483996,5798 **- Y:** 6564822,3797

Summary Label: AM

Comments

Comment
Same as 172

Field Observation Point: VRO_175

Collected on: 09.06.2019 11:35:28 **At Coordinates: X:** 483985,9097 **- Y:** 6564857,4397

Summary Label: RYO

Comments

Comment
Same RYO as 173

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	77	25				

Field Observation Point: VRO_176

Collected on: 09.06.2019 11:38:35 **At Coordinates: X:** 483980,3957 **- Y:** 6564900,7873

Summary Label: AM

Comments

Comment
Finegrained, equigranular, massive melanocratic rock.

Field Observation Point: VRO_177

Collected on: 09.06.2019 11:44:43 **At Coordinates: X:** 484000,0883 **- Y:** 6564921,2676

Summary Label: AM

Comments

Comment
Same as 176

Field Observation Point: VRO_178

Collected on: 09.06.2019 11:47:09 **At Coordinates: X:** 484045,7753 **- Y:** 6564947,2619

Summary Label: RYO

Comments

Comment
Same RYO as 175

Field Observation Point: VRO_179

Collected on: 09.06.2019 11:50:40 **At Coordinates: X:** 484072,5573 **- Y:** 6564907,8766

Summary Label: AM

Comments

Comment
Same finegrained amphibolite as 177

Field Observation Point: VRO_180

Collected on: 09.06.2019 11:55:17 **At Coordinates: X:** 484104,0655 **- Y:** 6564893,6979

Summary Label: RYO

Comments

Comment
Felsic, porphyric massive rock. Feldsparclasts up to 5mm in a fine grained matrix. In general very granitic texture, could be that?

Field Observation Point: VRO_181

Collected on: 09.06.2019 12:05:49 **At Coordinates: X:** 484131,8905 **- Y:** 6564890,9029

Summary Label: DAC

Comments

Comment
Intermediate, fine grained, equigranular weakly banded rock.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	111	24				

Field Observation Point: VRO_182

Collected on: 09.06.2019 12:11:26 **At Coordinates: X:** 484190,5518 **- Y:** 6564948,0686

Summary Label: RYO

Comments

Comment
Same as 180

Field Observation Point: VRO_183

Collected on: 09.06.2019 12:15:11 **At Coordinates: X:** 484192,1254 **- Y:** 6564973,2094

Summary Label: AM

Comments

Comment
Same as 179

Field Observation Point: VRO_184

Collected on: 09.06.2019 12:18:38 **At Coordinates: X:** 484243,5697 **- Y:** 6565004,1597

Summary Label: RYO

Comments

Comment
Fine to med grained equigranular RYO

Field Observation Point: VRO_185

Collected on: 09.06.2019 12:22:01 **At Coordinates: X:** 484298,4198 **- Y:** 6565029,9297

Summary Label: AM

Comments

Comment
Same mafic rock as 183

Field Observation Point: VRO_186

Collected on: 09.06.2019 12:26:26 **At Coordinates: X:** 484362,5697 **- Y:** 6565223,4897

Summary Label: AM

Comments

Comment
Sam as 185

Field Observation Point: VRO_187

Collected on: 09.06.2019 12:27:44 **At Coordinates: X:** 484373,4398 **- Y:** 6565236,2997

Summary Label: RYO

Comments

Comment
Med to coarse grained porphyric RYO as seen previously. Granitic texture

Field Observation Point: VRO_188

Collected on: 09.06.2019 12:34:35 **At Coordinates: X:** 484545,2939 **- Y:** 6565300,3156

Summary Label: AM

Comments

Comment
As 186

Field Observation Point: VRO_189

Collected on: 09.06.2019 13:12:16 **At Coordinates: X:** 484495,0639 **- Y:** 6565412,0187

Summary Label: AM

Comments

Comment
Finegrained, equigranular massive mafic rock, cut by a thin vein of fine to med grained felsic rock (rhyolite)

Field Observation Point: VRO_190

Collected on: 09.06.2019 13:37:03 **At Coordinates: X:** 484470,1988 **- Y:** 6565426,8358

Summary Label: GRA

Comments

Comment
Leucocratic, porphyric massive felsic rock. Med to coarse grained feldspar clasts in a fine grained black and white matrix

Field Observation Point: VRO_191

Collected on: 09.06.2019 13:44:49 **At Coordinates: X:** 484417,6918 **- Y:** 6565459,8402

Summary Label: GRA

Comments

Comment
Same as 190, still verycoarse grained

Field Observation Point: VRO_192

Collected on: 09.06.2019 13:49:57 **At Coordinates: X:** 484303,6767 **- Y:** 6565491,3444

Summary Label: DAC

Comments

Comment
Intermediate, finegrained, equigranular rock. Massive, light gray color with weak red shine.

Field Observation Point: VRO_193

Collected on: 09.06.2019 13:55:18 **At Coordinates: X:** 484320,1789 **- Y:** 6565525,849

Summary Label: GRA

Comments

Comment
Same as 191

Field Observation Point: VRO_194

Collected on: 09.06.2019 14:00:08 **At Coordinates: X:** 484326,1797 **- Y:** 6565576,8558

Summary Label: GRA

Comments

Comment
Porphyric, felsic and massive granitic rock. Porphyroclasts vary in size from 2-3 mm to ca. 1cm. Xenoliths of mafic, finegrained equigranular amphibolitic rock..

Field Observation Point: VRO_195

Collected on: 09.06.2019 14:09:08 **At Coordinates: X:** 484309,6775 **- Y:** 6565665,3675

Summary Label: GRA

Comments

Comment
Same coarsegrained, porphyeic felsic rock with lenses of finegrained, equigranular greyish intermediate dacite

Field Observation Point: VRO_196

Collected on: 09.06.2019 14:25:16 **At Coordinates: X:** 484344,1821 **- Y:** 6565771,8817

Summary Label: RYO

Comments

Comment
Small-porphyric (feldsparclasts up to a few mm), felsic and massive red, white and black rock.

Field Observation Point: VRO_197

Collected on: 09.06.2019 14:31:04 **At Coordinates: X:** 484350,1829 **- Y:** 6565825,8889

Summary Label: MEGA

Comments

Comment
Igneous contact between a porphyric, felsic red and white rhyolite (clasts are fine to med, matrix is v.f. to fine) and a fine to med grained equigranular mafic metagabbro. Sharp contact, hard to tell what rocktype who is intruding the other, but the area is dominated by rhyolite, so possible mafic xenolith?

Field Observation Point: VRO_198

Collected on: 09.06.2019 14:42:08 **At Coordinates: X:** 484478,0878 **- Y:** 6565865,3698

Summary Label: RYO

Comments

Comment
Finegrained, equigranular and massive felsic rock. More finegrained than previously mapped rhyolites today.

Field Observation Point: VRO_199

Collected on: 09.06.2019 14:53:51 **At Coordinates: X:** 484489,2325 **- Y:** 6565895,7643

Summary Label: GRA

Comments

Comment
Med to coarse grained, leucocratic and massive granitic rock.

Field Observation Point: VRO_200

Collected on: 09.06.2019 15:07:20 **At Coordinates: X:** 484510,6453 **- Y:** 6565848,7682

Summary Label: GRAG

Comments

Comment
Same granitic rock as in 199, but here a developed compositional foliation is present

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	67	67	Fabric-Gneissic			

Field Observation Point: VRO_201

Collected on: 09.06.2019 15:18:12 **At Coordinates: X:** 484579,7185 **- Y:** 6565782,0864

Summary Label: GRAG

Comments

Comment
Banded fine to med grained porphyric granite. Clasts are med grained, matrix is finegrained. Parallel with banding are alternating bands of v.f. grained equigranular amphibolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	148	59	Fabric-Gneissic			

Field Observation Point: VRO_202

Collected on: 09.06.2019 15:45:08 **At Coordinates: X:** 484696,8597 **- Y:** 6565793,5397

Summary Label: GRAG

Comments

Comment
Banded med-grained equigranular felsic rock. Clear mineral lineations on foliation plane. Mafic, finegrained equigranular AM on both sides of outcrop

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	126	44	Fabric-Gneissic			
Lineation_Plunging	110	42	Mineral-Lin			

Field Observation Point: VRO_203

Collected on: 09.06.2019 15:50:31 **At Coordinates: X:** 484701,8202 **- Y:** 6565826,2865

Summary Label: MYL

Comments

Comment
Leucocratic, finegrained equigranular mylonitic rock hosting lenses of fine grained, equugranular mafic amphibolite. Mafic lenses show weak sigmoidal shape and indicate normal, tt SE sense of shear.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	55	70	Fabric-MylonPhylon		A	
Lineation_Plunging	106	55	Mineral-Lin		A	

Field Observation Point: VRO_204

Collected on: 09.06.2019 16:13:51 **At Coordinates: X:** 484676,355 **- Y:** 6565843,3405

Summary Label: AM

Comments

Comment
Very finely layered finegrained porphyric amphibole. Some clasts are round while others are elongated, however no visible kinematic indicators. Mafic mylonite?

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	136	66	Fabric-MylonPhylon			

Field Observation Point: VRO_205

Collected on: 09.06.2019 16:41:58 **At Coordinates: X:** 484692,0198 **- Y:** 6565719,3397

Summary Label: AM

Comments

Comment
Massive, finegrained equigranular mafic rock

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	168	62				

Field Observation Point: VRO_206

Collected on: 09.06.2019 16:46:53 **At Coordinates: X:** 484706,0397 **- Y:** 6565670,8197

Summary Label: MEGA

Comments

Comment
Massive, med grained and equigranular rock. Weathered surface show distinct mesocratic MEGA texture

Field Observation Point: VRO_207

Collected on: 09.06.2019 16:50:47 **At Coordinates: X:** 484780,0098 **- Y:** 6565516,1397

Summary Label: MEGA

Comments

Comment
Same as 206, but here the grains are slightly finer

Field Observation Point: VRO_208

Collected on: 09.06.2019 16:56:40 **At Coordinates: X:** 484822,0545 **- Y:** 6565452,2129

Summary Label: MEGA

Comments

Comment
Same as 206

Field Observation Point: VRO_209

Collected on: 09.06.2019 17:00:05 **At Coordinates: X:** 484896,1498 **- Y:** 6565323,7997

Summary Label: AM

Comments

Comment
Fiine grained, equigranular massive mafic rock.

Field Observation Point: VRO_210

Collected on: 09.06.2019 17:02:54 **At Coordinates: X:** 484942,5731 **- Y:** 6565226,496

Summary Label: MEGA

Comments

Comment
Same as 208

Field Observation Point: VRO_211

Collected on: 09.06.2019 17:06:01 **At Coordinates: X:** 484986,8698 **- Y:** 6565144,1997

Summary Label: MEGA

Comments

Comment
Med grained equigranular MEGA with subophitic texture

Field Observation Point: VRO_212

Collected on: 09.06.2019 17:11:12 **At Coordinates: X:** 485100,7597 **- Y:** 6564956,3797

Summary Label: MEGA

Comments

Comment
Same as 211

Field Observation Point: VRO_213

Collected on: 09.06.2019 17:16:43 **At Coordinates: X:** 485146,4297 **- Y:** 6564678,3646

Summary Label: AM

Comments

Comment
Massive, equigranular finegrained mafic rock

Field Observation Point: VRO_214

Collected on: 09.06.2019 17:18:53 **At Coordinates: X:** 485247,5398 **- Y:** 6564584,3997

Summary Label: MEGA

Comments

Comment
Same as 212

Field Observation Point: VRO_215

Collected on: 09.06.2019 17:22:47 **At Coordinates: X:** 485383,1997 **- Y:** 6564458,9497

Summary Label: AM

Comments

Comment
Same as 213

Field Observation Point: VRO_216

Collected on: 09.06.2019 17:24:57 **At Coordinates: X:** 485487,5853 **- Y:** 6564419,8222

Summary Label: MEGA

Comments

Comment
Med grained with subophitic texture. Equigranular

Field Observation Point: VRO_217

Collected on: 10.06.2019 09:47:28 **At Coordinates: X:** 482100,2198 **- Y:** 6565764,3297

Summary Label: AUG

Comments

Comment
Same AUG as 103

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	115	35	Fabric-MylonPhylon			

Field Observation Point: VRO_218

Collected on: 10.06.2019 09:57:52 **At Coordinates: X:** 482095,1798 **- Y:** 6565801,2997

Summary Label: MEGA

Comments

Comment
Med grained, equigranular and massive rock with ophitic texture.

Field Observation Point: VRO_219

Collected on: 10.06.2019 10:03:37 **At Coordinates: X:** 482058,9298 **- Y:** 6565874,1797

Summary Label: MEGA

Comments

Comment
Same as 218

Field Observation Point: VRO_220

Collected on: 10.06.2019 10:06:18 **At Coordinates: X:** 482034,4298 **- Y:** 6565906,3197

Summary Label: AUG

Comments

Comment
Xenoliths of med grained, equigranular and massive MEGA in porphyric augengneiss. Augengneiss is sheared ar the contact between the 2 lithologies

Field Observation Point: VRO_221

Collected on: 10.06.2019 10:20:31 **At Coordinates: X:** 482054,1621 **- Y:** 6565920,7458

Summary Label: AUG

Comments

Comment
Same as 103

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	113	41	Fabric-MylonPhylon		A	
Lineation_Plunging	125	36	Mineral-Lin		A	

Field Observation Point: VRO_222

Collected on: 10.06.2019 10:25:31 **At Coordinates: X:** 482003,4697 **- Y:** 6565939,7497

Summary Label: AND

Comments

Comment
Alternating layers of AUG and a fine grained, equigranular and banded (mm to 1cm bands) grey intermediate rock.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	31	56				

Field Observation Point: VRO_223

Collected on: 10.06.2019 10:32:42 **At Coordinates: X:** 481993,2215 **- Y:** 6565981,6864

Summary Label: AUG

Comments

Comment
Same as 103

Field Observation Point: VRO_224

Collected on: 10.06.2019 10:38:22 **At Coordinates: X:** 481998,5672 **- Y:** 6566097,1528

Summary Label: AUG

Comments

Comment
Massive, relatively undeformed augengneiss. Feldspar clasts arerounded to subangular and no strong foliation

Field Observation Point: VRO_225

Collected on: 10.06.2019 10:41:56 **At Coordinates: X:** 482010,6798 **- Y:** 6566118,0096

Summary Label: MEGA

Comments

Comment
Fine to med grained equigranular and massive metagabbro. Ophitic texture

Field Observation Point: VRO_226

Collected on: 10.06.2019 10:45:52 **At Coordinates: X:** 482028,6198 **- Y:** 6566108,6797

Summary Label: AUG

Comments

Comment
As 103

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	77	41	Fabric-MylonPhylon			

Field Observation Point: VRO_227

Collected on: 10.06.2019 10:53:10 **At Coordinates: X:** 482121,5197 **- Y:** 6566076,3097

Summary Label: AUG

Comments

Comment
Same as 226

Field Observation Point: VRO_228

Collected on: 10.06.2019 11:02:56 **At Coordinates: X:** 482186,5397 **- Y:** 6566050,1297

Summary Label: AUG

Comments

Comment
As 103

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	119	41	Fabric-MylonPhylon			

Field Observation Point: VRO_229

Collected on: 10.06.2019 11:06:02 **At Coordinates: X:** 482210,4298 **- Y:** 6566059,0497

Summary Label: AM

Comments

Comment
Finegrained, equigranular and massive mafic dark rock

Field Observation Point: VRO_231

Collected on: 10.06.2019 11:12:57 **At Coordinates: X:** 482261,3181 **- Y:** 6566110,2087

Summary Label: AUG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	56	44	Fabric-MylonPhylon		A	
Lineation_Plunging	103	30	Mineral-Lin		A	

Field Observation Point: VRO_232

Collected on: 10.06.2019 11:17:51 **At Coordinates: X:** 482256,3597 **- Y:** 6566138,4597

Summary Label: AND

Comments

Comment
Fine grained, equigranular and thinly banded intermediate rock. SC fabric?

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	341	59				

Field Observation Point: VRO_233

Collected on: 10.06.2019 11:26:05 **At Coordinates: X:** 482288,4103 **- Y:** 6566141,1376

Summary Label: RYO

Comments

Comment
Fine grained to small-porphyric (clasts 1mm)leucocratic and banded felsic rock.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	4	50				

Field Observation Point: VRO_234

Collected on: 10.06.2019 11:41:10 **At Coordinates: X:** 482299,5598 **- Y:** 6566114,2797

Summary Label: RYO

Comments

Comment
Same as 233, withvoccasional lenses of finegrained, equigranular and massice mafic rock

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	146	24				

Field Observation Point: VRO_235

Collected on: 10.06.2019 11:48:06 **At Coordinates: X:** 482379,1398 **- Y:** 6566092,8897

Summary Label: AND

Comments

Comment
Banded (mm to 1cm), small-porphyric(1-2mm clasts) intermediate gray and white rock, cut by a felsic, white pegmatitic vein (qtz and feldspar). Bending of bands indicare normal ttNW shear.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	74	23				aneesite foliation

Foliation_Compositional_Inclined	356	64				pegmatitic vein

Field Observation Point: VRO_236

Collected on: 10.06.2019 12:03:05 **At Coordinates: X:** 482432,8197 **- Y:** 6566089,7197

Summary Label: RYO

Comments

Comment
Med to coarse grained pegmatitic, felsic rhyolite/granite with xenoliths of fine grained, equigranular massive mafic rock (fine grained MEGA?). Unsure if it is rhyolite or granite due to coarse grains and overall granitic texture

Field Observation Point: VRO_237

Collected on: 10.06.2019 12:34:43 **At Coordinates: X:** 482417,7906 **- Y:** 6566139,4952

Summary Label: RYO

Comments

Comment
Alternating lenses and bands of mafic, finegrained and equigranular amphibolite and small-porphyric rhyoite

Field Observation Point: VRO_238

Collected on: 10.06.2019 12:37:22 **At Coordinates: X:** 482383,9398 **- Y:** 6566161,5097

Summary Label: AND

Comments

Comment
Same as 235

Field Observation Point: VRO_239

Collected on: 10.06.2019 12:47:50 **At Coordinates: X:** 482383,9398 **- Y:** 6566161,5097

Summary Label: MEGA

Comments

Comment
Fine to med grained equigranular massive mafic rock with ophitic texture

Field Observation Point: VRO_240

Collected on: 10.06.2019 12:51:12 **At Coordinates: X:** 482373,0898 **- Y:** 6566175,1297

Summary Label: AUG

Comments

Comment
Same as230

Field Observation Point: VRO_241

Collected on: 10.06.2019 12:54:50 **At Coordinates: X:** 482315,5797 **- Y:** 6566367,7796

Summary Label: AUG

Comments

Comment
Alternating outcrops of MEGA and AUG. MEGA also occurs as xenoliths in AUG

Field Observation Point: VRO_242

Collected on: 10.06.2019 12:58:24 **At Coordinates: X:** 482256,9298 **- Y:** 6566414,3197

Summary Label: AUG

Comments

Comment
Occurance of MEGA in AUG rare, only occasional xenoliths

Field Observation Point: VRO_243

Collected on: 10.06.2019 13:10:09 **At Coordinates: X:** 482204,7097 **- Y:** 6566473,4897

Summary Label: AUG

Comments

Comment
Same as 242

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	141	15				

Field Observation Point: VRO_244

Collected on: 10.06.2019 13:15:30 **At Coordinates: X:** 482110,1797 **- Y:** 6566451,3697

Summary Label: AUG

Comments

Comment
Same as 243. Occasional areas of high strain mylonitic layers

Field Observation Point: VRO_245

Collected on: 10.06.2019 13:21:03 **At Coordinates: X:** 482093,2298 **- Y:** 6566419,6197

Summary Label: MEGA

Comments

Comment
Same MEGA as in 225

Field Observation Point: VRO_246

Collected on: 10.06.2019 13:25:23 **At Coordinates: X:** 482068,1598 **- Y:** 6566352,8197

Summary Label: AUG

Comments

Comment
Same as 244

Field Observation Point: VRO_247

Collected on: 10.06.2019 13:30:24 **At Coordinates: X:** 482007,8698 **- Y:** 6566225,3897

Summary Label: MEGA

Comments

Comment
Se as 245

Field Observation Point: VRO_249

Collected on: 11.06.2019 10:20:00 **At Coordinates: X:** 482799,9898 **- Y:** 6565994,0397

Summary Label: DAC

Comments

Comment
Intermediate, fine grained and equigranular rock. Greyish and massive

Field Observation Point: VRO_250

Collected on: 11.06.2019 10:24:36 **At Coordinates: X:** 482835,6198 **- Y:** 6566038,2197

Summary Label: DAC

Comments

Comment

Same as 249, but small porphyric clasts up to 2mm

Field Observation Point: VRO_251

Collected on: 11.06.2019 10:34:41 **At Coordinates: X:** 482829,4293 **- Y:** 6566233,6631

Summary Label: RYO

Comments

Comment
Fine to med grained, equigranular felsic rock. Massive and homogen

Field Observation Point: VRO_252

Collected on: 11.06.2019 10:39:39 **At Coordinates: X:** 482799,6559 **- Y:** 6566295,1416

Summary Label: MEGA

Comments

Comment
Med grained, equigranular and massive mafic rock

Field Observation Point: VRO_253

Collected on: 11.06.2019 10:46:22 **At Coordinates: X:** 482677,1045 **- Y:** 6566372,6527

Summary Label: RYO

Comments

Comment
Same RYO as 252. with layers of fine to med grained small-porphyric intermediate rock

Field Observation Point: VRO_254

Collected on: 11.06.2019 10:51:21 **At Coordinates: X:** 482657,2007 **- Y:** 6566338,6827

Summary Label: AUG

Comments

Comment
Porphyric, homogen and massive augengneiss. Little to no deformation

Field Observation Point: VRO_255

Collected on: 11.06.2019 10:55:55 **At Coordinates: X:** 482636,1565 **- Y:** 6566380,8102

Summary Label: AUG

Comments

Comment
Same as 254

Field Observation Point: VRO_256

Collected on: 11.06.2019 11:00:42 **At Coordinates: X:** 482609,0983 **- Y:** 6566425,9072

Summary Label: GRA

Comments

Comment
Porphyric, felsic rock. Matrix is fine grained with amphiboles, biotite and felsic minerals. Clasts up to 2cm of qtz and feldspar

Field Observation Point: VRO_257

Collected on: 11.06.2019 11:12:50 **At Coordinates: X:** 482568,4648 **- Y:** 6566475,1003

Summary Label: GRA

Comments

Comment
Same as 256

Field Observation Point: VRO_258

Collected on: 11.06.2019 11:16:25 **At Coordinates: X:** 482555,2162 **- Y:** 6566488,8236

Summary Label: PEG

Comments

Comment
Pegmatitic, massive rock. Large crystals of qtz, feldspar and mica (several cm). Greenish color in feldspar, amazonite?

Field Observation Point: VRO_259

Collected on: 11.06.2019 11:21:47 **At Coordinates: X:** 482535,01 **- Y:** 6566577,8294

Summary Label: GRA

Comments

Comment
Med grained RYO

Field Observation Point: VRO_260

Collected on: 11.06.2019 11:28:01 **At Coordinates: X:** 482489,71 **- Y:** 6566572,6025

Summary Label: AUG

Comments

Comment
Porphyric (clasts from a few mm to several cm). Poor outcrop quality yields no visible foliation planes

Field Observation Point: VRO_261

Collected on: 11.06.2019 11:35:40 **At Coordinates: X:** 482448,7658 **- Y:** 6566653,6198

Summary Label: AUG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	145	45	Fabric-MylonPhylon			

Field Observation Point: VRO_262

Collected on: 11.06.2019 11:52:32 **At Coordinates: X:** 482514,1125 **- Y:** 6566697,9037

Summary Label: AUG

Comments

Comment
Same as 261

Field Observation Point: VRO_263

Collected on: 11.06.2019 11:57:01 **At Coordinates: X:** 482570,6243 **- Y:** 6566682,3142

Summary Label: AUG

Comments

Comment

Field Observation Point: VRO_265

Collected on: 11.06.2019 12:08:48 **At Coordinates: X:** 482681,793 **- Y:** 6566683,4873

Summary Label: AM

Comments

Comment
Contact between AUG and fine grained equigranular and mafic amphibolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	336	74				orientation of contact plane

Field Observation Point: VRO_266

Collected on: 11.06.2019 12:15:18 **At Coordinates: X:** 482688,3511 **- Y:** 6566658,447

Summary Label: RYO

Comments

Comment
Fine to med grained equigranular rhyolite in contact with AM

Field Observation Point: VRO_268

Collected on: 11.06.2019 12:23:11 **At Coordinates: X:** 482749,973 **- Y:** 6566672,9603

Summary Label: RYO

Comments

Comment
Same as 152

Field Observation Point: VRO_269

Collected on: 11.06.2019 12:25:51 **At Coordinates: X:** 482774,7564 **- Y:** 6566705,4885

Summary Label: MEGA

Comments

Comment
Med grained, equigranular, massive with subophitic texture

Field Observation Point: VRO_272

Collected on: 11.06.2019 12:32:46 **At Coordinates: X:** 482769,0585 **- Y:** 6566763,1486

Summary Label: AUG

Comments

Comment
Contact AUG and MEGA (AUG vertically above)

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	88	25	Fabric-MylonPhylon			

Field Observation Point: VRO_273

Collected on: 11.06.2019 12:45:21 **At Coordinates: X:** 482796,2603 **- Y:** 6566757,8308

Summary Label: RYO

Comments

Comment
Fine grained, equigranular slightly banded rhyolute

Field Observation Point: VRO_274

Collected on: 11.06.2019 13:35:38 **At Coordinates: X:** 482847,8771 **- Y:** 6566802,746

Summary Label: DAC

Comments

Comment
Fine grained, equigranular massive grey rock. Intermediate

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	330	34				

Field Observation Point: VRO_275

Collected on: 11.06.2019 13:41:33 **At Coordinates: X:** 482918,8588 **- Y:** 6566734,6613

Summary Label: DAC

Comments

Comment
Same as 274

Field Observation Point: VRO_276

Collected on: 11.06.2019 13:46:29 **At Coordinates: X:** 482977,1718 **- Y:** 6566872,3925

Summary Label: AUG

Comments

Comment

Porphyric, coarse grained clasts.

Field Observation Point: VRO_277

Collected on: 11.06.2019 13:50:45 **At Coordinates: X:** 483066,0527 **- Y:** 6566834,8959

Summary Label: AUG

Comments

Comment
Same as 227

Field Observation Point: VRO_278

Collected on: 11.06.2019 13:54:02 **At Coordinates: X:** 483136,8797 **- Y:** 6566805,7318

Summary Label: AM

Comments

Comment
Contact between dark, finegrained, equigranular and massive amphibolite and augengneiss.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	11	64				contact plane

Field Observation Point: VRO_279

Collected on: 11.06.2019 13:59:06 **At Coordinates: X:** 483157,7112 **- Y:** 6566772,4015

Summary Label: DAC

Comments

Comment
same as 144

Field Observation Point: VRO_280

Collected on: 11.06.2019 14:02:15 **At Coordinates: X:** 483125,7696 **- Y:** 6566705,7408

Summary Label: MEGA

Comments

Comment
Same as 143

Field Observation Point: VRO_281

Collected on: 11.06.2019 14:05:10 **At Coordinates: X:** 483159,0999 **- Y:** 6566809,8981

Summary Label: AUG

Comments

Comment
Relatively massive and undeformed

Field Observation Point: VRO_284

Collected on: 11.06.2019 14:13:25 **At Coordinates: X:** 483241,037 **- Y:** 6566846,006

Summary Label: DAC

Comments

Comment
Finegrained, equigranular, slightly banded intermediate greyish white rock

Field Observation Point: VRO_291

Collected on: 11.06.2019 14:32:17 **At Coordinates: X:** 483023,001 **- Y:** 6567059,8758

Summary Label: AM

Comments

Comment
Finegrained, equigranular and massive

Field Observation Point: VRO_295

Collected on: 11.06.2019 14:43:54 **At Coordinates: X:** 482841,0622 **- Y:** 6567161,5443

Summary Label: DAC

Comments

Comment
Finegrained, equigranular greyish white rock.

Field Observation Point: VRO_299

Collected on: 11.06.2019 14:54:20 **At Coordinates: X:** 482901,7004 **- Y:** 6567226,225

Summary Label: AUG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	173	22				

Field Observation Point: VRO_301

Collected on: 11.06.2019 15:00:35 **At Coordinates: X:** 482910,5759 **- Y:** 6567289,0145

Summary Label: AM

Comments

Comment
Finegrained, equigranular melanocratic massive rock

Field Observation Point: VRO_303

Collected on: 11.06.2019 15:07:48 **At Coordinates: X:** 482957,8308 **- Y:** 6567306,284

Summary Label: AUG

Comments

Comment
Very round clasts, undeformed

Field Observation Point: VRO_309

Collected on: 11.06.2019 15:25:37 **At Coordinates: X:** 483120,6555 **- Y:** 6567412,0129

Summary Label: AUG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	98	44	Fabric-MylonPhylon			

Field Observation Point: VRO_313

Collected on: 11.06.2019 15:41:29 **At Coordinates: X:** 482648,7098 **- Y:** 6567689,1071

Summary Label: AUG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	332	21	Fabric-MylonPhylon			

Field Observation Point: VRO_320

Collected on: 11.06.2019 16:02:17 **At Coordinates: X:** 482037,0798 **- Y:** 6567825,7197

Summary Label: AM

Comments

Comment
Fine to med grained, equigranular and massive mafic dark rock

Field Observation Point: VRO_322

Collected on: 12.06.2019 09:41:15 **At Coordinates: X:** 481297,8028 **- Y:** 6568787,3126

Summary Label: MYL

Comments

Comment
Porphyric, mylonitic granitic gneiss. Very similar to the lithology to the NW, still lookong like a deformed granitic rock.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	150	16	Fabric-MylonPhylon		A	
Lineation_Plunging	137	12	Mullion-Lin		A	
Foliation_Shear_Inclined	117	20	Fabric-MylonPhylon		B	
Lineation_Plunging	124	17	Mineral-Lin		B	

Field Observation Point: VRO_323

Collected on: 12.06.2019 09:51:20 **At Coordinates: X:** 481299,5723 **- Y:** 6568772,0765

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	133	30	Fabric-MylonPhylon			
Lineation_Plunging	147	28	Mineral-Lin			

Field Observation Point: VRO_324

Collected on: 12.06.2019 09:57:22 **At Coordinates: X:** 481297,9222 **- Y:** 6568810,4401

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	136	25	Fabric-MylonPhylon		A	
Lineation_Plunging	128	20	Mullion-Lin		A	
Foliation_Shear_Inclined	131	26	Fabric-MylonPhylon		B	
Lineation_Plunging	129	24	Mineral-Lin		B	
Foliation_Shear_Inclined	132	27	Fabric-MylonPhylon		C	
Lineation_Plunging	140	25	Mineral-Lin		C	

Field Observation Point: VRO_325

Collected on: 12.06.2019 10:13:07 **At Coordinates: X:** 481306,585 **- Y:** 6568816,6278

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	141	29	Fabric-MylonPhylon		A	
Lineation_Plunging	142	26	Mineral-Lin		A	

Field Observation Point: VRO_326

Collected on: 12.06.2019 10:21:18 **At Coordinates: X:** 481299,9848 **- Y:** 6568869,4295

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	132	27	Fabric-MylonPhylon		A	
Lineation_Plunging	139	22	Mineral-Lin		A	

Field Observation Point: VRO_327

Collected on: 12.06.2019 10:30:48 **At Coordinates: X:** 481309,4726 **- Y:** 6568878,0923

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	145	21	Fabric-MylonPhylon			
Lineation_Plunging	154	12	Mineral-Lin			

Field Observation Point: VRO_329

Collected on: 12.06.2019 10:59:32 **At Coordinates: X:** 481273,4765 **- Y:** 6568803,3217

Summary Label: MYL

Comments

Comment
Foliated, porphyric mylonitic granitic gneiss. Black, very fine grained matrix with red, mm to cm feldspatclasts. Paralell with foliation is a 10 cm thick, coarsegrained quartz and feldspar (prgmatitic?) vein.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	151	30	Fabric-MylonPhylon		A	
Lineation_Plunging	130	25	Mineral-Lin		A	

Field Observation Point: VRO_330

Collected on: 12.06.2019 11:04:51 **At Coordinates: X:** 481259,955 **- Y:** 6568811,51

Summary Label: MYL

Comments

Comment
Porphyric mylonitic granitic gneiss. Matrix is finegrained, equigranular and dark black, with medium grained, red feldsparclasts. Rock shows a thinly foliation. Granitic protolith.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	145	27	Fabric-MylonPhylon			
Foliation_Shear_Inclined	150	17	Fabric-MylonPhylon		A	
Lineation_Plunging	135	14	Mineral-Lin		A	

Field Observation Point: VRO_331

Collected on: 12.06.2019 11:16:37 **At Coordinates: X:** 481246,8935 **- Y:** 6568828,282

Summary Label: GRAG

Comments

Comment
Similar to 30, with pods of coarse to very coarse material

Field Observation Point: VRO_332

Collected on: 12.06.2019 11:22:47 **At Coordinates: X:** 481223,2939 **- Y:** 6568843,1246

Summary Label: MYL

Comments

Comment
Same white leucocratic mylonite as 38

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	127	24	Fabric-MylonPhylon		A	
Lineation_Plunging	128	19	Mullion-Lin		A	

Field Observation Point: VRO_333

Collected on: 12.06.2019 11:29:54 **At Coordinates: X:** 481235,4648 **- Y:** 6568851,1396

Summary Label: GRAG

Comments

Comment
Granitic gneiss with lenses/zones of porphyric, fine- to medium grained fractured and crushed material, almost cataclastic.The color of crushed zones are white, while the coarser zones are red and rich in feldspar. Relatively massive, but weak sign of foliation. Much less pegmtiic material than 335

Field Observation Point: VRO_334

Collected on: 12.06.2019 11:35:18 **At Coordinates: X:** 481167,2918 **- Y:** 6568889,2429

Summary Label: GRAG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	99	8	Fabric-Gneissic			

Field Observation Point: VRO_335

Collected on: 12.06.2019 11:46:15 **At Coordinates: X:** 481205,5479 **- Y:** 6568829,1102

Summary Label: GRAG

Comments

Comment
Granitic gneiss full of pegmatitic material. Weak foliation visible, but overall full of fractures, suggesting heavily brittle deformation. Grainsize is fine to medium grained, porphyric.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	113	18	Fabric-Gneissic			

Field Observation Point: VRO_336

Collected on: 12.06.2019 11:56:03 **At Coordinates: X:** 481195,8457 **- Y:** 6568799,8972

Summary Label: GRAG

Comments

Comment
Leucocratc, porphyric, banded felsic rock cut by pegmatites parallel with banding

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	81	39	Fabric-Gneissic			

Field Observation Point: VRO_337

Collected on: 12.06.2019 13:27:17 **At Coordinates: X:** 481312,7935 **- Y:** 6568777,9134

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	117	24	Fabric-MylonPhylon		A	
Lineation_Plunging	135	19	Mineral-Lin		A	

Field Observation Point: VRO_338

Collected on: 12.06.2019 13:34:36 **At Coordinates: X:** 481318,0539 **- Y:** 6568837,5313

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	132	24	Fabric-MylonPhylon		A	
Lineation_Plunging	131	23	Mineral-Lin		A	

Field Observation Point: VRO_339

Collected on: 12.06.2019 13:42:34 **At Coordinates: X:** 481327,3284 **- Y:** 6568888,0947

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	157	35	Fabric-MylonPhylon			
Lineation_Plunging	134	31	Mullion-Lin			

Field Observation Point: VRO_341

Collected on: 12.06.2019 14:03:49 **At Coordinates: X:** 481338,6965 **- Y:** 6568901,5609

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	124	29	Fabric-MylonPhylon			

Field Observation Point: VRO_343

Collected on: 12.06.2019 14:11:18 **At Coordinates: X:** 481397,464 **- Y:** 6568942,0452

Summary Label: GRAG

Comments

Comment
Med to coarse grained, massive and relatively equigranular pegmatitic felsic rock

Field Observation Point: VRO_344

Collected on: 12.06.2019 14:17:55 **At Coordinates: X:** 481449,8801 **- Y:** 6568964,1386

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	152	26	Fabric-MylonPhylon			
Lineation_Plunging	130	20	Mineral-Lin			

Field Observation Point: VRO_345

Collected on: 12.06.2019 14:24:33 **At Coordinates: X:** 481536,2262 **- Y:** 6569016,4331

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	119	40	Fabric-MylonPhylon		A	
Lineation_Plunging	132	30	Mineral-Lin		A	

Field Observation Point: VRO_349

Collected on: 12.06.2019 15:33:12 **At Coordinates: X:** 481346,3974 **- Y:** 6568611,316

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	70	40	Fabric-MylonPhylon		A	
Lineation_Plunging	110	19	Mullion-Lin		A	

Field Observation Point: VRO_350

Collected on: 12.06.2019 15:37:37 **At Coordinates: X:** 481365,6578 **- Y:** 6568597,9819

Summary Label: MYL

Comments

Comment

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	145	30	Fabric-MylonPhylon			

Field Observation Point: VRO_351

Collected on: 12.06.2019 15:44:05 **At Coordinates: X:** 481321,2107 **- Y:** 6568473,5302

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	145	24	Fabric-MylonPhylon		A	
Lineation_Plunging	145	21	Mineral-Lin		A	
Foliation_Shear_Inclined	145	22	Fabric-MylonPhylon		B	
Lineation_Plunging	146	20	Mineral-Lin		B	

Field Observation Point: VRO_352

Collected on: 12.06.2019 15:53:23 **At Coordinates: X:** 481352,3236 **- Y:** 6568486,8643

Summary Label: MYL

Comments

Comment
V.f. grained and over 90 % matrix

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	130	24	Fabric-MylonPhylon		A	
Lineation_Plunging	145	22	Mineral-Lin		A	

Field Observation Point: VRO_353

Collected on: 12.06.2019 15:59:44 **At Coordinates: X:** 481346,3974 **- Y:** 6568470,567

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	155	21	Fabric-MylonPhylon		A	
Lineation_Plunging	154	19	Mineral-Lin		A	
Foliation_Shear_Inclined	135	24	Fabric-MylonPhylon		B	
Lineation_Plunging	156	19	Mullion-Lin		B	
Foliation_Shear_Inclined	159	16	Fabric-MylonPhylon		C	
Lineation_Plunging	150	14	Mineral-Lin		C	

Field Observation Point: VRO_354

Collected on: 12.06.2019 16:10:17 **At Coordinates: X:** 481374,0015 **- Y:** 6568470,397

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	130	23	Fabric-MylonPhylon		A	
Lineation_Plunging	129	22	Mineral-Lin		A	

Field Observation Point: VRO_355

Collected on: 12.06.2019 16:13:52 **At Coordinates: X:** 481367,7227 **- Y:** 6568457,0545

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	125	20	Fabric-MylonPhylon			
Lineation_Plunging	137	16	Mullion-Lin			

Field Observation Point: VRO_356

Collected on: 12.06.2019 16:19:21 **At Coordinates: X:** 481438,3595 **- Y:** 6568414,6725

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	105	19	Fabric-MylonPhylon			

Field Observation Point: VRO_358

Collected on: 12.06.2019 16:28:03 **At Coordinates: X:** 481483,0961 **- Y:** 6568333,8326

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	136	30	Fabric-MylonPhylon		A	
Lineation_Plunging	120	21	Mineral-Lin		A	

Field Observation Point: VRO_359

Collected on: 13.06.2019 09:56:17 **At Coordinates: X:** 481937,2481 **- Y:** 6565081,8469

Summary Label: DAC

Comments

Comment
Mesocratic, finegrained, intermediate, equigranular massive rock. No apparent predominant banding. Occasionally small-porphyric with 1mm white clasts

Field Observation Point: VRO_360

Collected on: 13.06.2019 10:05:11 **At Coordinates: X:** 481780,9594 **- Y:** 6565094,8582

Summary Label: AM

Comments

Comment
Mafic, finegrained, equigranular massive rock

Field Observation Point: VRO_362

Collected on: 13.06.2019 10:13:53 **At Coordinates: X:** 481601,1601 **- Y:** 6564980,1457

Summary Label: RYO

Comments

Comment
Fine to med grained, relatively massive to weak-porphytic leucocratic rock. Some clasts have a slightly red color. R

Field Observation Point: VRO_363

Collected on: 13.06.2019 10:22:51 **At Coordinates: X:** 481289,6556 **- Y:** 6565238,559

Summary Label: RYO

Comments

Comment
Leucocratic, small-porphyric (1-2mm clasts) felsic rock. Clear lineation on surface.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Lineation_Plunging	152	5				

Field Observation Point: VRO_364

Collected on: 13.06.2019 10:35:40 **At Coordinates: X:** 481244,8975 **- Y:** 6565326,2524

Summary Label: AM

Comments

Comment
Massive, finegrained, equigranular mafic amphibolite.

Field Observation Point: VRO_365

Collected on: 13.06.2019 10:46:08 **At Coordinates: X:** 481236,3498 **- Y:** 6565339,7556

Summary Label: RYO

Comments

Comment
Igneous, diffuse contact between fine grained AM and small-porphyric granitic rhyolite

Field Observation Point: VRO_366

Collected on: 13.06.2019 10:49:16 **At Coordinates: X:** 481230,5424 **- Y:** 6565348,984

Summary Label: AM

Comments

Comment
Same AM as in365

Field Observation Point: VRO_367

Collected on: 13.06.2019 10:49:58 **At Coordinates: X:** 481215,8354 **- Y:** 6565372,3177

Summary Label: MEGA

Comments

Comment
Fine to med grained, massive mafic rock. Subophitic texture

Field Observation Point: VRO_368

Collected on: 13.06.2019 10:53:22 **At Coordinates: X:** 481190,1168 **- Y:** 6565413,6625

Summary Label: CAT

Comments

Comment
Clast supported cataclasite. Clasts vary in size from 1mm to over 10 cm. Horse duplex showing top to NW?

Field Observation Point: VRO_369

Collected on: 13.06.2019 11:03:19 **At Coordinates: X:** 481085,9526 **- Y:** 6565520,1256

Summary Label: RYO

Comments

Comment
Same as in 365

Field Observation Point: VRO_370

Collected on: 13.06.2019 11:16:33 **At Coordinates: X:** 480958,1108 **- Y:** 6565625,8021

Summary Label: AM

Comments

Comment

Same as 364. Somewhat lighter color

Field Observation Point: VRO_371

Collected on: 13.06.2019 11:24:38 **At Coordinates: X:** 480904,1439 **- Y:** 6565685,8878

Summary Label: PYRO

Comments

Comment
Dark, porphyric rock. Matrix is very finegeained, dark and massive while clasts are from mm to several cm, elongated and subround. Very similar to VRO-79

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	126	39				

Field Observation Point: VRO_372

Collected on: 13.06.2019 11:36:42 **At Coordinates: X:** 480856,1802 **- Y:** 6565735,5586

Summary Label: PYRO

Comments

Comment
Same as 371, but here over 90% matrix

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	134	21				

Field Observation Point: VRO_373

Collected on: 13.06.2019 11:43:00 **At Coordinates: X:** 480768,084 **- Y:** 6565809,2426

Summary Label: AM

Comments

Comment
Finegrained, equigranular, mesocratic and finely laminated and slightly undulating amphibolite. Laminae could be a result of shearing, difficult to tell.

Field Observation Point: VRO_374

Collected on: 13.06.2019 11:49:48 **At Coordinates: X:** 480731,2628 **- Y:** 6565836,883

Summary Label: AM

Comments

Comment
Same as 373

Field Observation Point: VRO_375

Collected on: 13.06.2019 11:57:19 **At Coordinates: X:** 480560,3118 **- Y:** 6565977,4962

Summary Label: PYRO

Comments

Comment
Same as 371 with clasts. Could AM between these 2 pts be matrix material

Field Observation Point: VRO_376

Collected on: 13.06.2019 12:01:15 **At Coordinates: X:** 480443,2902 **- Y:** 6566066,5413

Summary Label: AM

Comments

Comment
finegrained, equigranular and massive mafic rock. No visible banding

Field Observation Point: VRO_377

Collected on: 13.06.2019 12:06:32 **At Coordinates: X:** 480303,9758 **- Y:** 6566184,4184

Summary Label: AMG

Comments

Comment
Mesocratic, very dstinctly banded, fine grained equigranular rock. Banding is steepky dipping SE. Is andesite more fitting name? banding is cut by a perpendicular, subhorizontalbmm thick white vein showing dextral top to NW

Field Observation Point: VRO_378

Collected on: 13.06.2019 12:59:47 **At Coordinates: X:** 480051,6414 **- Y:** 6566343,4382

Summary Label: MYL

Comments

Comment
Very finegrained, equigranular felsic rock. Red-ish brown color, and a distinct foliation. This is likely an ultramylonite due to distinct foliation and mineral lineation, but no clasts are visible.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	146	25	Fabric-MylonPhylon		A	
Lineation_Plunging	151	24	Mineral-Lin		A	
Foliation_Shear_Inclined	157	27	Fabric-MylonPhylon		B	
Lineation_Plunging	143	25	Mineral-Lin		B	
Foliation_Shear_Inclined	150	26	Fabric-MylonPhylon		C	
Lineation_Plunging	145	24	Mineral-Lin		C	
Foliation_Shear_Inclined	160	21	Fabric-MylonPhylon		D	
Lineation_Plunging	150	19	Mineral-Lin		D	
Foliation_Shear_Inclined	156	20	Fabric-MylonPhylon		E	
Lineation_Plunging	146	18	Mineral-Lin		E	
Foliation_Shear_Inclined	154	20	Fabric-MylonPhylon		F	
Lineation_Plunging	161	18	Mineral-Lin		F	
Foliation_Shear_Inclined	146	21	Fabric-MylonPhylon		G	
Lineation_Plunging	151	18	Mineral-Lin		G	

Field Observation Point: VRO_379

Collected on: 13.06.2019 13:41:50 **At Coordinates: X:** 479954,4167 **- Y:** 6566428,1423

Summary Label: MYL

Comments

Comment
Same darkred ultramylonite as in 378. Foliation dips opposite on either side of an overgrown area, indicating a metre scale, open syncline fold.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	155	39	Fabric-MylonPhylon		A	limb?
Foliation_Shear_Inclined	310	74	Fabric-MylonPhylon		A	limb?

Field Observation Point: VRO_380

Collected on: 13.06.2019 13:53:20 **At Coordinates: X:** 479895,0311 **- Y:** 6566495,3641

Summary Label: MYL

Comments

Comment
Very fine grained, equigranular dark redish banded ultramylonite. Banding is few cm thick, alternating felsic and more mafic bands.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	148	26	Fabric-MylonPhylon			
Lineation_Plunging	158	22	Mineral-Lin			

Field Observation Point: VRO_381

Collected on: 13.06.2019 14:00:45 **At Coordinates: X:** 479873,3895 **- Y:** 6566529,8588

Summary Label: MYL

Comments

Comment
Same as 380.Here cut by a 5 cm, subhorizontal med to coarse grained pegmatitic vein (cuts foliation)

Field Observation Point: VRO_382

Collected on: 13.06.2019 14:06:54 **At Coordinates: X:** 479845,9348 **- Y:** 6566576,6599

Summary Label: MYL

Comments

Comment
Same ultramylonite with pegmatitic veins as 381

Field Observation Point: VRO_383

Collected on: 13.06.2019 14:14:50 **At Coordinates: X:** 479801,8973 **- Y:** 6566603,618

Summary Label: MYL

Comments

Comment
Meso- to leucocratic, small-porphyric (1-2 mm red kfeldspar clasts), almost horizontal granitic mylonite. Cut by a 30-50 cm thick pegmatitic coarse grained vein.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	130	5	Fabric-MylonPhylon			
Lineation_Plunging	145	3	Mineral-Lin			

Field Observation Point: VRO_384

Collected on: 13.06.2019 14:27:43 **At Coordinates: X:** 479653,5811 **- Y:** 6566813,599

Summary Label: GRAG

Comments

Comment
Med to coarse grained, equigranular, felsic granitic rock. Red and white colors, cut by several whitefeldspar and qtz veins in all directions

Field Observation Point: VRO_385

Collected on: 13.06.2019 14:38:15 **At Coordinates: X:** 479440,1308 **- Y:** 6566980,2335

Summary Label: CAT

Comments

Comment
Matrix supported cataclasite. Matrix is dark and finegrained, while clasts are of qtz and varies in size from mm to ca 7 cm. The whole rock is very quartz rich (veins/lenses)

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Fault_Plane_Dip	310	59				normal tt NW fault

Field Observation Point: VRO_386

Collected on: 13.06.2019 15:04:56 **At Coordinates: X:** 478868,1543 **- Y:** 6567168,4713

Summary Label: GRAG

Comments

Comment
Med to coarse grained, equigranular, slightly banded granitic rock. Very red, pronounced color from kfeldspar.

Field Observation Point: VRO_387

Collected on: 13.06.2019 15:26:18 **At Coordinates: X:** 478695,3533 **- Y:** 6567327,7443

Summary Label: GRAG

Comments

Comment
Same as 386. Pegmatite veins of 5-10 cm cutting the rock parallel with banding. Some lenses look like augengneiss due to deformation where clasts from pegmatites have been moved out into more mediumgrainedgrained granittic gneiss. Porphyroclasts lay with a preferred length orientation roughly parallel with strike of foliation, while lineation is more dipslip.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	141	8	Fabric-Gneissic		A	
Lineation_Plunging	123	7	Mineral-Lin		A	
Lineation_Plunging	125	5	Mineral-Lin		A	
Lineation_Plunging	65	4	Elongation-Lin		A	k.fld porphyroclasts
Lineation_Plunging	109	37	Slickenside-Lin		B	
Foliation_Penetrative_Inclined	27	75			B	

Field Observation Point: VRO_388

Collected on: 13.06.2019 15:45:19 **At Coordinates: X:** 478375,0313 **- Y:** 6567498,871

Summary Label: GRAG

Comments

Comment
Same as 387. Pegmatitic material concentrates in pods and veins

Field Observation Point: VRO_389

Collected on: 13.06.2019 15:55:38 **At Coordinates: X:** 478978,9313 **- Y:** 6567128,9072

Summary Label: GRAG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	96	27	Fabric-Gneissic			

Field Observation Point: VRO_390

Collected on: 14.06.2019 09:32:09 **At Coordinates: X:** 481128,4998 **- Y:** 6568200,1497

Summary Label: DAC

Comments

Comment
Similar to 29. Fine grained, equigranular intermediate rock. Distinct mineral foliation from biotite and amphibolite. Also consists of a substantial amount of red feldspar grains.

Field Observation Point: VRO_391

Collected on: 14.06.2019 09:45:39 **At Coordinates: X:** 481166,3897 **- Y:** 6568033,6597

Summary Label: DAC

Comments

Comment
Same rock as 390. but less red feldspar

Field Observation Point: VRO_392

Collected on: 14.06.2019 09:48:08 **At Coordinates: X:** 481144,3267 **- Y:** 6567957,2244

Summary Label: RYO

Comments

Comment
Fine to med grained, equigranular and homogenous felsic rock. Some weak red color from weathered surface.

Field Observation Point: VRO_393

Collected on: 14.06.2019 09:58:55 **At Coordinates: X:** 481199,4197 **- Y:** 6567959,6396

Summary Label: DAC

Comments

Comment
Fine grained, equigranular, mafic to intermediate rock. Massive and homogenous. Otherwise similar to 391, but very little kfeldspar

Field Observation Point: VRO_394

Collected on: 14.06.2019 10:14:58 **At Coordinates: X:** 481191,201 **- Y:** 6567879,6585

Summary Label: BAG

Comments

Comment
Mesocratic, banded rock. Alternating white/red and blck bands of mm to cm thickness.Both bands are finegrained and equigranular. Some clasts visible of white feldspar that have a geometry resembling sigmaclasts. Very similar to 31 otherwise, even a possible normal fault cutting the baning. Some zones of mylonite.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	136	28	Fabric-Gneissic			

Field Observation Point: VRO_395

Collected on: 14.06.2019 10:39:10 **At Coordinates: X:** 481172,5272 **- Y:** 6567759,5526

Summary Label: RYO

Comments

Comment
Same as 392

Field Observation Point: VRO_396

Collected on: 14.06.2019 10:42:06 **At Coordinates: X:** 481150,7297 **- Y:** 6567781,2497

Summary Label: BAG

Comments

Comment
Same banded rock as 394

Field Observation Point: VRO_397

Collected on: 14.06.2019 10:45:08 **At Coordinates: X:** 481081,3153 **- Y:** 6567734,4944

Summary Label: RYO

Comments

Comment
Very fine grained, equigranular and massive felsic rock. Massive and homogenous

Field Observation Point: VRO_398

Collected on: 14.06.2019 10:50:46 **At Coordinates: X:** 481064,4092 **- Y:** 6567726,0711

Summary Label: AM

Comments

Comment
Massive, finegrained, equigranular melanocratic mafic rock.

Field Observation Point: VRO_399

Collected on: 14.06.2019 10:53:45 **At Coordinates: X:** 481033,6197 **- Y:** 6567754,2297

Summary Label: RYO

Comments

Comment
Same as 397

Field Observation Point: VRO_400

Collected on: 14.06.2019 10:58:41 **At Coordinates: X:** 480962,5398 **- Y:** 6567749,1397

Summary Label: AM

Comments

Comment
Same as 398

Field Observation Point: VRO_403

Collected on: 14.06.2019 11:30:21 **At Coordinates: X:** 481043,0298 **- Y:** 6567573,6597

Summary Label: BAG

Comments

Comment
Same banded rock as 394, cut by normal faults. Banding is slightly undulating

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	136	15	Fabric-Gneissic			

Field Observation Point: VRO_404

Collected on: 14.06.2019 11:42:38 **At Coordinates: X:** 481086,0898 **- Y:** 6567552,8496

Summary Label: AM

Comments

Comment
Massive, fine grained, equigranular mafic rock.

Field Observation Point: VRO_405

Collected on: 14.06.2019 11:46:04 **At Coordinates: X:** 481096,4098 **- Y:** 6567526,1696

Summary Label: BAG

Comments

Comment
Alternating, very fine grained bands of felsic and mafic material.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	95	19	Fabric-Gneissic			

Field Observation Point: VRO_408

Collected on: 14.06.2019 12:13:24 **At Coordinates: X:** 481195,3008 **- Y:** 6567393,8708

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, massive felsic rock. Cut by10 cm thick pegmatitic vein of coarse grained kfeldspar

Field Observation Point: VRO_409

Collected on: 14.06.2019 13:09:13 **At Coordinates: X:** 481235,0098 **- Y:** 6567383,8097

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, thinly banded felsic rock. Similar to BAG observed earlier, but are here almost exlusively red, felsic bands, only a few mafic bands.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	101	53				

Field Observation Point: VRO_410

Collected on: 14.06.2019 13:16:46 **At Coordinates: X:** 481258,2798 **- Y:** 6567338,2197

Summary Label: BAG

Comments

Comment
Alternating felsic and mafic cm scale bands. Mylonitic texture in some places

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	65	60	Fabric-Gneissic			

Field Observation Point: VRO_411

Collected on: 14.06.2019 13:24:30 **At Coordinates: X:** 481262,9947 **- Y:** 6567251,4314

Summary Label: RYO

Comments

Comment
Massive, fine to med grained equigranular felsic rock

Field Observation Point: VRO_412

Collected on: 14.06.2019 13:27:01 **At Coordinates: X:** 481283,4857 **- Y:** 6567203,619

Summary Label: RYO

Comments

Comment

Same as 411

Field Observation Point: VRO_413

Collected on: 14.06.2019 13:32:47 **At Coordinates: X:** 481330,4498 **- Y:** 6567166,6597

Summary Label: BAG

Comments

Comment
Same BAG as in 410

Field Observation Point: VRO_414

Collected on: 14.06.2019 13:34:59 **At Coordinates: X:** 481368,6698 **- Y:** 6567126,9597

Summary Label: MEGA

Comments

Comment
Med grained, equigranular, massive MEGA.

Field Observation Point: VRO_415

Collected on: 14.06.2019 13:39:15 **At Coordinates: X:** 481408,7087 **- Y:** 6567080,6728

Summary Label: MEGA

Comments

Comment
Same as 414

Field Observation Point: VRO_416

Collected on: 14.06.2019 14:06:43 **At Coordinates: X:** 481350,6334 **- Y:** 6566786,1182

Summary Label: RYO

Comments

Comment
Same as 85. Fine to med grained, equigranular

Field Observation Point: VRO_417

Collected on: 14.06.2019 14:10:15 **At Coordinates: X:** 481405,8338 **- Y:** 6566858,8823

Summary Label: RYO

Comments

Comment
Same as 416, although slightly banded

Field Observation Point: VRO_418

Collected on: 14.06.2019 14:13:22 **At Coordinates: X:** 481425,9066 **- Y:** 6566823,7548

Summary Label: AM

Comments

Comment
Fine grained, equigranular massive mafuc rock. Some red colored minerals visible on weathered surface

Field Observation Point: VRO_421

Collected on: 14.06.2019 14:35:03 **At Coordinates: X:** 481865,0002 **- Y:** 6566934,1555

Summary Label: RYO

Comments

Comment
RYO, with more intermediate, grey and white bands

Field Observation Point: VRO_422

Collected on: 14.06.2019 14:42:19 **At Coordinates: X:** 481956,9699 **- Y:** 6567007,2359

Summary Label: AUG

Comments

Comment
2 cm round feldsparclasts, fine grained black matrix. Loose block?

Field Observation Point: VRO_432

Collected on: 14.06.2019 15:29:48 **At Coordinates: X:** 481963,4353 **- Y:** 6567160,2868

Summary Label: MEGA

Comments

Comment
Fine to med grained, equigranular massive mafic rock

Field Observation Point: VRO_444

Collected on: 15.06.2019 09:12:27 **At Coordinates: X:** 483202,553 **- Y:** 6564661,2391

Summary Label: RYO

Comments

Comment
Finegrained, leucocratic, laminated rock. Mineral orientation makes a mm scale lamination, interpreted as a magmatic structure. Occasional thicker layer (cm scale) of red feldspar

Field Observation Point: VRO_445

Collected on: 15.06.2019 09:18:35 **At Coordinates: X:** 483172,4297 **- Y:** 6564726,5063

Summary Label: AUG

Comments

Comment
Clasts up to 2-3 cm long, roughly 60%. No large deformational evidence

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	357	31	Fabric-MylonPhylon			

Field Observation Point: VRO_446

Collected on: 15.06.2019 09:27:12 **At Coordinates: X:** 483258,5998 **- Y:** 6564804,9697

Summary Label: AUG

Comments

Comment
Same as 445

Field Observation Point: VRO_447

Collected on: 15.06.2019 09:34:38 **At Coordinates: X:** 483186,9598 **- Y:** 6564990,5997

Summary Label: AM

Comments

Comment
Fine grained, equigranular, mafic rock. Massive and melanocratic

Field Observation Point: VRO_448

Collected on: 15.06.2019 09:38:10 **At Coordinates: X:** 483171,0897 **- Y:** 6565018,3697

Summary Label: MEGA

Comments

Comment

Med grained, equigranular, massive and homogenous rock. Mafic

Field Observation Point: VRO_449

Collected on: 15.06.2019 09:42:20 **At Coordinates: X:** 483161,5198 **- Y:** 6565034,3397

Summary Label: RYO

Comments

Comment
Med grained rhyolite, with ghosts (xenoliths) of mafic rock.

Field Observation Point: VRO_450

Collected on: 15.06.2019 09:46:04 **At Coordinates: X:** 483134,942 **- Y:** 6565022,2369

Summary Label: MEGA

Comments

Comment
Med grained and massive MEGA as in 448

Field Observation Point: VRO_451

Collected on: 15.06.2019 09:50:21 **At Coordinates: X:** 483089,3471 **- Y:** 6565064,4121

Summary Label: RYD

Comments

Comment
Fine grained and equigranular. Very rich in quartz, white color, little kfeldspar. Possible metasediment? Interpreted as rhydacite

Field Observation Point: VRO_452

Collected on: 15.06.2019 09:58:33 **At Coordinates: X:** 483040,3326 **- Y:** 6565059,8526

Summary Label: RYD

Comments

Comment
Similar to 451, fine to med grained. Banding cuts itself several places

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	356	89				

Field Observation Point: VRO_453

Collected on: 15.06.2019 10:06:48 **At Coordinates: X:** 482999,2973 **- Y:** 6565065,552

Summary Label: RYD

Comments

Comment
Same as 452, but with a lense of fine grained, equigranular and massive mafic amphibolite

Field Observation Point: VRO_454

Collected on: 15.06.2019 10:17:41 **At Coordinates: X:** 482960,5416 **- Y:** 6565055,2931

Summary Label: MEGA

Comments

Comment
Fine to med grained MEGA

Field Observation Point: VRO_455

Collected on: 15.06.2019 10:22:37 **At Coordinates: X:** 482942,6492 **- Y:** 6565053,6043

Summary Label: AUG

Comments

Comment
Fewer clasts than further down. Over 50% matrix. Top to NW shear from sigmaclasts

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	87	39	?		A	
Lineation_Plunging	149	9	Mineral-Lin		A	
Foliation_Shear_Inclined	55	31	Fabric-MylonPhylon		B	
Lineation_Plunging	132	6	Mineral-Lin		B	

Field Observation Point: VRO_457

Collected on: 15.06.2019 11:07:21 **At Coordinates: X:** 482850,7167 **- Y:** 6565134,222

Summary Label: AUG

Comments

Comment
Same as 456

Field Observation Point: VRO_459

Collected on: 15.06.2019 11:13:27 **At Coordinates: X:** 482886,7825 **- Y:** 6565183,7241

Summary Label: RYO

Comments

Comment
Finegrained and massive felsic rock, with veins/lenses of mafic rocks

Field Observation Point: VRO_460

Collected on: 15.06.2019 11:16:59 **At Coordinates: X:** 482871,2248 **- Y:** 6565199,2819

Summary Label: RYO

Comments

Comment
Alternating bands of mafic and felsic rock. Both finegrained

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	5	84				

Field Observation Point: VRO_461

Collected on: 15.06.2019 11:20:56 **At Coordinates: X:** 482824,5514 **- Y:** 6565226,1544

Summary Label: AM

Comments

Comment
Finegrained, equigranular and massive mafic rock. No apparent banding

Field Observation Point: VRO_462

Collected on: 15.06.2019 11:24:19 **At Coordinates: X:** 482818,894 **- Y:** 6565257,27

Summary Label: AUG

Comments

Comment
Cut by a finegrained, equigranular 10 cm thick vein

Field Observation Point: VRO_465

Collected on: 15.06.2019 11:32:52 **At Coordinates: X:** 482785,7145 **- Y:** 6565283,5279

Summary Label: MEGA

Comments

Comment
Med to coarse grained MEGA with ophitic texture

Field Observation Point: VRO_466

Collected on: 15.06.2019 11:37:02 **At Coordinates: X:** 482780,3741 **- Y:** 6565330,7019

Summary Label: RYO

Comments

Comment
Very lightcolored metarhyolite. Cut by a coarse grained pegmatitic vein

Field Observation Point: VRO_467

Collected on: 15.06.2019 11:42:59 **At Coordinates: X:** 482765,2428 **- Y:** 6565365,4148

Summary Label: RYO

Comments

Comment
Banded, alternating mafic and felsic layers. Felsic layers are a med grained rhyolite and pegmatitic coarse grained white veins. Mafic layers are dark, equigranular and finegrained, amphibolitic. Looks like felsic has intruded mafic, see photo.

Field Observation Point: VRO_468

Collected on: 15.06.2019 11:55:18 **At Coordinates: X:** 482717,1788 **- Y:** 6565411,6986

Summary Label: RYO

Comments

Comment
Alternating visible outcrops of felsic and mafic rocks, majority of felsic though. Cut by pegmatitic veins

Field Observation Point: VRO_469

Collected on: 15.06.2019 12:51:22 **At Coordinates: X:** 482640,1917 **- Y:** 6565501,3915

Summary Label: RYO

Comments

Comment
Same as 468

Field Observation Point: VRO_470

Collected on: 15.06.2019 12:54:17 **At Coordinates: X:** 482645,4596 **- Y:** 6565564,6064

Summary Label: RYO

Comments

Comment
Alternating fine to med grained, equigranular felsic rock and finegrained, equigranular mafic rock

Field Observation Point: VRO_471

Collected on: 15.06.2019 12:59:28 **At Coordinates: X:** 482584,0007 **- Y:** 6565619,0414

Summary Label: RYO

Comments

Comment
Same as 470, dominating felsic

Field Observation Point: VRO_472

Collected on: 15.06.2019 13:02:06 **At Coordinates: X:** 482636,6798 **- Y:** 6565650,6489

Summary Label: AUG

Comments

Comment
Large clasts (3cm), ca 80&clasts, 20% fine grained matrix

Field Observation Point: VRO_473

Collected on: 15.06.2019 13:05:05 **At Coordinates: X:** 482678,8231 **- Y:** 6565703,328

Summary Label: AM

Comments

Comment
Fine grained, equigranular, banded amphibolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	44	51				

Field Observation Point: VRO_474

Collected on: 15.06.2019 13:08:58 **At Coordinates: X:** 482708,6745 **- Y:** 6565713,8638

Summary Label: RYO

Comments

Comment
Ryolite with bands of fine grained amphibolite

Field Observation Point: VRO_475

Collected on: 15.06.2019 13:14:21 **At Coordinates: X:** 482838,6163 **- Y:** 6565801,6623

Summary Label: RYO

Comments

Comment
Fine to med grained, banded red RYO

Field Observation Point: VRO_476

Collected on: 15.06.2019 13:17:49 **At Coordinates: X:** 482886,0275 **- Y:** 6565775,3227

Summary Label: RYO

Comments

Comment
SamecRYO as 475

Field Observation Point: VRO_478

Collected on: 15.06.2019 13:26:49 **At Coordinates: X:** 482964,3607 **- Y:** 6565807,6497

Summary Label: RYO

Comments

Comment
Same as 476. No mafic bands

Field Observation Point: VRO_479

Collected on: 15.06.2019 13:35:08 **At Coordinates: X:** 483135,9526 **- Y:** 6565822,4421

Summary Label: RYO

Comments

Comment
Rhyolite last few hundred meters have been finegrained, equigranular, massive and red colored. Little to no mafic banding.

Field Observation Point: VRO_480

Collected on: 15.06.2019 13:44:24 **At Coordinates: X:** 483200,2766 **- Y:** 6565828,9751

Summary Label: MEGA

Comments

Comment
Med grained MEGA with ophitic texture

Field Observation Point: VRO_481

Collected on: 15.06.2019 13:48:50 **At Coordinates: X:** 483260,9171 **- Y:** 6565762,0614

Summary Label: RYO

Comments

Comment
Banded rock. Felsic and mafic layers alternating. Mafic is fine grained, felsic is v.f. grained

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	165	70				

Field Observation Point: VRO_482

Collected on: 15.06.2019 14:02:55 **At Coordinates: X:** 483474,2043 **- Y:** 6565822,7019

Summary Label: RYO

Comments

Comment
Finegrained, equigranular, mmscale banded felsic rock

Field Observation Point: VRO_486

Collected on: 15.06.2019 14:17:05 **At Coordinates: X:** 483875,6863 **- Y:** 6565686,7835

Summary Label: RYO

Comments

Comment
Fine to med grained, small-potphyric (1-2mm clasts) felsic rock. Weak compositional banding

Field Observation Point: VRO_488

Collected on: 15.06.2019 14:34:16 **At Coordinates: X:** 483930,0536 **- Y:** 6565659,5999

Summary Label: RYO

Comments

Comment
Porphyric rhyolite. Clasts up to 4-5 mm

Field Observation Point: VRO_489

Collected on: 15.06.2019 14:58:25 **At Coordinates: X:** 484116,3177 **- Y:** 6565591,8781

Summary Label: RYO

Comments

Comment
Alternating bands of leucocratic, finegrained, equigranular and quartzrich rock and finegrained, melanocraric, equigranular amphibolite

Field Observation Point: VRO_490

Collected on: 15.06.2019 15:11:54 **At Coordinates: X:** 484153,2473 **- Y:** 6565597,9567

Summary Label: RYO

Comments

Comment
Fine grained, equigranular massive felaic rock

Field Observation Point: VRO_491

Collected on: 15.06.2019 15:16:17 **At Coordinates: X:** 484250,3316 **- Y:** 6565570,8634

Summary Label: RYO

Comments

Comment
Wirh small, finegrained, mafic lenses

Field Observation Point: VRO_492

Collected on: 15.06.2019 15:18:39 **At Coordinates: X:** 484277,4249 **- Y:** 6565561,8323

Summary Label: GRA

Comments

Comment
Same as 194

Field Observation Point: VRO_493

Collected on: 15.06.2019 15:35:31 **At Coordinates: X:** 484364,0006 **- Y:** 6565472,372

Summary Label: GRA

Comments

Comment
Same as 492, no mafic xenoliths here

Field Observation Point: VRO_494

Collected on: 15.06.2019 16:07:16 **At Coordinates: X:** 484526,3429 **- Y:** 6565366,3525

Summary Label: MEGA

Comments

Comment
Med grained MEGA, with ophitic texture

Field Observation Point: VRO_495

Collected on: 15.06.2019 16:09:14 **At Coordinates: X:** 484551,1912 **- Y:** 6565371,3222

Summary Label: MEGA

Comments

Comment
Same as 494

Field Observation Point: VRO_496

Collected on: 15.06.2019 16:11:44 **At Coordinates: X:** 484619,1099 **- Y:** 6565346,4739

Summary Label: AM

Comments

Comment
Fine grained, equigranular massive mafic rock.

Field Observation Point: VRO_499

Collected on: 15.06.2019 16:19:12 **At Coordinates: X:** 484619,5698 **- Y:** 6565107,9997

Summary Label: AM

Comments

Comment
Finegrained, equigranular, massive and homogenous mafic rock.

Field Observation Point: VRO_508

Collected on: 02.09.2019 13:21:27 **At Coordinates: X:** 481647,9657 **- Y:** 6565827,5569

Summary Label: RYO

Comments

Comment
Leucocratic, fine grained massive felsic rock. Light color, with weak red color.

Field Observation Point: VRO_509

Collected on: 02.09.2019 13:34:03 **At Coordinates: X:** 481481,9898 **- Y:** 6566109,4497

Summary Label: AM

Comments

Comment
Homogenous, massive, melanocratic finegrained mafic rock. No layering, opposite to 74.

Field Observation Point: VRO_510

Collected on: 02.09.2019 13:42:02 **At Coordinates: X:** 481442,4797 **- Y:** 6566230,1097

Summary Label: AM

Comments

Comment
Same massive AM as 509

Field Observation Point: VRO_511

Collected on: 02.09.2019 14:24:43 **At Coordinates: X:** 481363,6197 **- Y:** 6566418,4797

Summary Label: AMG

Comments

Comment
Same as 82

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	107	41				

Field Observation Point: VRO_512

Collected on: 02.09.2019 14:47:14 **At Coordinates: X:** 481397,5277 **- Y:** 6566974,1161

Summary Label: MEGA

Comments

Comment
Massive, mesocratic, med grained massive mega

Field Observation Point: VRO_513

Collected on: 02.09.2019 14:50:52 **At Coordinates: X:** 481400,9901 **- Y:** 6566908,3291

Summary Label: MEGA

Comments

Comment
Same as 514

Field Observation Point: VRO_516

Collected on: 02.09.2019 15:07:48 **At Coordinates: X:** 481407,0671 **- Y:** 6566792,5837

Summary Label: RYO

Comments

Comment
Leucocratic, small porphyric (fine grained matrix, med grained clasts) light colored rhyolite. Clasts are reddish white, matrix is white. Resembles a granitic rhyolite

Field Observation Point: VRO_519

Collected on: 02.09.2019 15:20:25 **At Coordinates: X:** 481481,3733 **- Y:** 6566735,1531

Summary Label: RYO

Comments

Comment
Same as 516

Field Observation Point: VRO_523

Collected on: 02.09.2019 15:36:37 **At Coordinates: X:** 481571,6967 **- Y:** 6566649,273

Summary Label: RYO

Comments

Comment
Leucocratic, massive and homogenous fine- to med grained rhyolite

Field Observation Point: VRO_524

Collected on: 02.09.2019 15:43:16 **At Coordinates: X:** 481670,862 **- Y:** 6566703,0575

Summary Label: MEGA

Comments

Comment
Fine to med grained, massive and homogenous metagabbro

Field Observation Point: VRO_525

Collected on: 02.09.2019 16:00:08 **At Coordinates: X:** 481670,862 **- Y:** 6566612,2961

Summary Label: RYO

Comments

Comment
Med to coarse grained, leucocratic small porphyric rock. Grainsize resembles more a granite than rhyolite

Field Observation Point: VRO_526

Collected on: 02.09.2019 16:07:00 **At Coordinates: X:** 481729,6889 **- Y:** 6566612,2961

Summary Label: RYO

Comments

Comment
Fine to med grained massive rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	24	42				

Field Observation Point: VRO_527

Collected on: 02.09.2019 16:16:20 **At Coordinates: X:** 481880,9579 **- Y:** 6566661,0383

Summary Label: RYO

Comments

Comment
Same med to coarse grained rhyolite as 525.

Field Observation Point: VRO_530

Collected on: 02.09.2019 16:34:57 **At Coordinates: X:** 482022,1424 **- Y:** 6566677,846

Summary Label: RYO

Comments

Comment
Same massive, med to coarse grained rhyolite as 525

Field Observation Point: VRO_531

Collected on: 02.09.2019 16:38:47 **At Coordinates: X:** 482082,6501 **- Y:** 6566647,5922

Summary Label: RYO

Comments

Comment
As 530, starting to look more like an AUG

Field Observation Point: VRO_532

Collected on: 02.09.2019 16:43:02 **At Coordinates: X:** 482116,2654 **- Y:** 6566556,8307

Summary Label: RYO

Comments

Comment
Same as 531

Field Observation Point: VRO_534

Collected on: 03.09.2019 09:19:59 **At Coordinates: X:** 487688,3198 **- Y:** 6564651,2378

Summary Label: MEGA

Comments

Comment
Massive, medium grained metagabbro with ophitic texture

Field Observation Point: VRO_536

Collected on: 03.09.2019 09:29:30 **At Coordinates: X:** 487396,6383 **- Y:** 6564817,9979

Summary Label: AM

Comments

Comment
Melanocratic, finegrained massive dark amphibolite.

Field Observation Point: VRO_537

Collected on: 03.09.2019 09:33:09 **At Coordinates: X:** 487359,1321 **- Y:** 6564841,9338

Summary Label: AM

Comments

Comment
Massive, finegrained amphibolite

Field Observation Point: VRO_538

Collected on: 03.09.2019 09:39:08 **At Coordinates: X:** 487318,9907 **- Y:** 6564889,337

Summary Label: MEGA

Comments

Comment
Medium grained, unfoliated and dark rock with ophitic texture

Field Observation Point: VRO_539

Collected on: 03.09.2019 09:42:15 **At Coordinates: X:** 487274,4919 **- Y:** 6564945,954

Summary Label: MEGA

Comments

Comment
Same as 538

Field Observation Point: VRO_540

Collected on: 03.09.2019 09:54:25 **At Coordinates: X:** 487063,887 **- Y:** 6565132,6781

Summary Label: AM

Comments

Comment
Fine- to medium grained, melanocratic massive amphibolite

Field Observation Point: VRO_541

Collected on: 03.09.2019 10:00:59 **At Coordinates: X:** 487066,1779 **- Y:** 6565176,3349

Summary Label: MEGA

Comments

Comment
Small, overgrown outcrop. Sharp contact between medium grained, ophitic metagabbro and very fine- to fine, melanocratic massive amphibolite. Difficult to tell relative age between the two lithologies, but there seem to be 1-5 cm xenoliths of ampgibolite in the metagabbro.

Field Observation Point: VRO_542

Collected on: 03.09.2019 10:12:26 **At Coordinates: X:** 487000,6744 **- Y:** 6565219,4116

Summary Label: AM

Comments

Comment
Fine to mediumgrained, melanocratic unfoliated amphibolite

Field Observation Point: VRO_543

Collected on: 03.09.2019 10:14:44 **At Coordinates: X:** 486977,2011 **- Y:** 6565222,234

Summary Label: AM

Comments

Comment
Same as 542

Field Observation Point: VRO_544

Collected on: 03.09.2019 10:18:32 **At Coordinates: X:** 486895,5852 **- Y:** 6565308,6554

Summary Label: MEGA

Comments

Comment
Medium grained, massive metagabbro with ophitic texture

Field Observation Point: VRO_545

Collected on: 03.09.2019 10:26:32 **At Coordinates: X:** 486773,563 **- Y:** 6565380,2558

Summary Label: AM

Comments

Comment
Melanocratic, fine- to medium grained homogenous amphibolite

Field Observation Point: VRO_546

Collected on: 03.09.2019 10:29:28 **At Coordinates: X:** 486720,2887 **- Y:** 6565421,2193

Summary Label: AM

Comments

Comment
Same as 545

Field Observation Point: VRO_547

Collected on: 03.09.2019 10:31:13 **At Coordinates: X:** 486684,9108 **- Y:** 6565411,9472

Summary Label: AM

Comments

Comment
Same as 545

Field Observation Point: VRO_548

Collected on: 03.09.2019 10:36:27 **At Coordinates: X:** 486557,857 **- Y:** 6565454,6698

Summary Label: AM

Comments

Comment
Fine- to medium grained, melanocratic, unfoliated amphibolite.

Field Observation Point: VRO_549

Collected on: 03.09.2019 10:41:18 **At Coordinates: X:** 486511,9425 **- Y:** 6565470,4229

Summary Label: AM

Comments

Comment
Same amphibolite as 548

Field Observation Point: VRO_550

Collected on: 03.09.2019 10:45:18 **At Coordinates: X:** 486380,6102 **- Y:** 6565422,7212

Summary Label: MEGA

Comments

Comment
Medium grained, equigranular, massive metagabbro.

Field Observation Point: VRO_551

Collected on: 03.09.2019 10:48:45 **At Coordinates: X:** 486326,0362 **- Y:** 6565443,7775

Summary Label: MEGA

Comments

Comment
Same massive metagabbro as 550

Field Observation Point: VRO_552

Collected on: 03.09.2019 10:51:06 **At Coordinates: X:** 486250,9326 **- Y:** 6565478,9095

Summary Label: MEGA

Comments

Comment
Same metagabbro as 550

Field Observation Point: VRO_553

Collected on: 03.09.2019 11:04:54 **At Coordinates: X:** 486178,5854 **- Y:** 6565601,6093

Summary Label: MYL

Comments

Comment
Leucocratic with weak red color, fine grained mylonite. Some clasts up to ca 1 cm.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	50	38	Fabric-ShearZoneGen		A	
Lineation_Plunging	131	14	Mullion-Lin		A	

Field Observation Point: VRO_554

Collected on: 03.09.2019 11:18:09 **At Coordinates: X:** 486189,5771 **- Y:** 6565536,8673

Summary Label: MYL

Comments

Comment
Fine grained, equigranular, light red mylonite. Fewer clasts than 553, and smaller

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	43	23	Fabric-ShearZoneGen		A	
Lineation_Plunging	141	5	Mineral-Lin		A	

Field Observation Point: VRO_555

Collected on: 03.09.2019 11:36:47 **At Coordinates: X:** 485915,5945 **- Y:** 6565906,2096

Summary Label: MEGA

Comments

Comment
Medium grained, massive metagabbro

Field Observation Point: VRO_556

Collected on: 03.09.2019 11:38:58 **At Coordinates: X:** 485917,2754 **- Y:** 6565919,6235

Summary Label: MEGA

Comments

Comment
Medium to coarse grained, massive metagabbro, cut by coarse grained veins (ca 5cm thick) of same mineralogy

Field Observation Point: VRO_557

Collected on: 03.09.2019 11:50:43 **At Coordinates: X:** 485875,1519 **- Y:** 6566002,2559

Summary Label: MEGA

Comments

Comment
Same MEGA as 556, but here with possible primary layering. Also cut by similar vein as 556.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	156	56				

Field Observation Point: VRO_558

Collected on: 03.09.2019 12:00:34 **At Coordinates: X:** 485751,45 **- Y:** 6566112,8488

Summary Label: RYO

Comments

Comment
Small porphyric, light colored with red color, very fine- to fine grained foliated rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Penetrative_Inclined	157	72				

Field Observation Point: VRO_559

Collected on: 03.09.2019 12:06:36 **At Coordinates: X:** 485698,7513 **- Y:** 6566093,7795

Summary Label: AM

Comments

Comment
Fine grained, equigranular, massive melanocratic rock. Very similar to AM found further down the road

Field Observation Point: VRO_560

Collected on: 03.09.2019 12:11:04 **At Coordinates: X:** 485619,8453 **- Y:** 6566144,2793

Summary Label: AND

Comments

Comment
Fine grained, equigranular, mafic to intermediate homogenous rock

Field Observation Point: VRO_561

Collected on: 03.09.2019 12:14:29 **At Coordinates: X:** 485579,5298 **- Y:** 6566139,7397

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, light grey/red felsic rock.

Field Observation Point: VRO_562

Collected on: 03.09.2019 12:17:03 **At Coordinates: X:** 485543,7597 **- Y:** 6566152,8397

Summary Label: RYO

Comments

Comment
Same rhyolite as 561. Contains lenses/xenoliths of fine grained, equigranular, melanocratic amphibolite

Field Observation Point: VRO_563

Collected on: 03.09.2019 12:23:38 **At Coordinates: X:** 485491,7297 **- Y:** 6566178,2197

Summary Label: RYO

Comments

Comment
Same scenario as 562, mafic xenoliths

Field Observation Point: VRO_564

Collected on: 03.09.2019 12:27:12 **At Coordinates: X:** 485409,9398 **- Y:** 6566236,4397

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, leucocratic unfoliated rhyolite.

Field Observation Point: VRO_565

Collected on: 03.09.2019 12:35:42 **At Coordinates: X:** 485287,0098 **- Y:** 6566286,4397

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, leucocratic and unfoliated rhyolite.

Field Observation Point: VRO_566

Collected on: 03.09.2019 12:59:02 **At Coordinates: X:** 485252,9398 **- Y:** 6566338,7597

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, leucocratic grey/red massive rhyolite

Field Observation Point: VRO_567

Collected on: 03.09.2019 13:01:48 **At Coordinates: X:** 485250,3998 **- Y:** 6566382,1397

Summary Label: AND

Comments

Comment
Finegrained, equigranular, mafic to intermediate massive rock.

Field Observation Point: VRO_568

Collected on: 03.09.2019 13:05:27 **At Coordinates: X:** 485222,106 **- Y:** 6566429,9637

Summary Label: MEGA

Comments

Comment
Finegrained, equigranular, undeformed metagabbro with ophitic texture

Field Observation Point: VRO_569

Collected on: 03.09.2019 13:08:54 **At Coordinates: X:** 485189,3225 **- Y:** 6566457,0948

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, undeformed rhyolite

Field Observation Point: VRO_570

Collected on: 03.09.2019 13:11:32 **At Coordinates: X:** 485155,3497 **- Y:** 6566484,0897

Summary Label: RYO

Comments

Comment
Same as 569

Field Observation Point: VRO_571

Collected on: 03.09.2019 13:13:11 **At Coordinates: X:** 485136,5944 **- Y:** 6566497,0648

Summary Label: MEGA

Comments

Comment
Medium grained, massive metagabbro with ophitic texture

Field Observation Point: VRO_572

Collected on: 03.09.2019 13:20:27 **At Coordinates: X:** 485003,2797 **- Y:** 6566532,2897

Summary Label: RYO

Comments

Comment
Fine- to medium grained, equigranular, massive leucocratic rhyolite. Light grey and red color

Field Observation Point: VRO_573

Collected on: 03.09.2019 13:25:44 **At Coordinates: X:** 484959,9697 **- Y:** 6566510,9097

Summary Label: AM

Comments

Comment
Fine grained, equigranular, massive and yndeformed amphibolite. Melanoxratic and dark color.

Field Observation Point: VRO_574

Collected on: 03.09.2019 13:28:44 **At Coordinates: X:** 484909,4098 **- Y:** 6566513,9597

Summary Label: RYO

Comments

Comment
Fine to medium grained rhyolite

Field Observation Point: VRO_575

Collected on: 03.09.2019 13:30:24 **At Coordinates: X:** 484880,8698 **- Y:** 6566520,4797

Summary Label: MEGA

Comments

Comment
Small grained metagabbro

Field Observation Point: VRO_576

Collected on: 03.09.2019 13:33:54 **At Coordinates: X:** 484820,3498 **- Y:** 6566503,1497

Summary Label: RYO

Comments

Comment
Fine grained, equigranular rhyolite

Field Observation Point: VRO_577

Collected on: 03.09.2019 13:36:18 **At Coordinates: X:** 484770,2198 **- Y:** 6566488,3397

Summary Label: RYO

Comments

Comment
Same as576

Field Observation Point: VRO_578

Collected on: 03.09.2019 13:40:28 **At Coordinates: X:** 484660,4374 **- Y:** 6566526,7314

Summary Label: RYO

Comments

Comment

Same as 576

Field Observation Point: VRO_579

Collected on: 03.09.2019 13:42:06 **At Coordinates: X:** 484670,5698 **- Y:** 6566557,5697

Summary Label: MEGA

Comments

Comment
Fine grained, massive undeformed metagabbro with ophitic texture

Field Observation Point: VRO_580

Collected on: 03.09.2019 13:46:13 **At Coordinates: X:** 484574,6505 **- Y:** 6566568,7495

Summary Label: MEGA

Comments

Comment
Finegrained, equigranular massive metagabbro

Field Observation Point: VRO_582

Collected on: 03.09.2019 13:59:56 **At Coordinates: X:** 484569,0769 **- Y:** 6566630,9344

Summary Label: RYO

Comments

Comment
Fine grained massive rhyolite

Field Observation Point: VRO_583

Collected on: 03.09.2019 14:00:42 **At Coordinates: X:** 484457,8189 **- Y:** 6566763,1881

Summary Label: RYO

Comments

Comment
Same as 582

Field Observation Point: VRO_584

Collected on: 03.09.2019 14:03:08 **At Coordinates: X:** 484430,5338 **- Y:** 6566842,7697

Summary Label: AM

Comments

Comment
Massive, melanocratic, finegrained and equigranular dark amphibolite

Field Observation Point: VRO_585

Collected on: 03.09.2019 14:07:12 **At Coordinates: X:** 484337,3096 **- Y:** 6566863,2335

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, leucocratic grey rhyolite

Field Observation Point: VRO_586

Collected on: 03.09.2019 14:11:32 **At Coordinates: X:** 484289,5607 **- Y:** 6566995,1115

Summary Label: RYO

Comments

Comment
Same as 585

Field Observation Point: VRO_587

Collected on: 03.09.2019 14:15:14 **At Coordinates: X:** 484225,8954 **- Y:** 6567076,9668

Summary Label: MEGA

Comments

Comment
Fine to medium grained

Field Observation Point: VRO_588

Collected on: 03.09.2019 14:19:13 **At Coordinates: X:** 484132,4968 **- Y:** 6567099,663

Summary Label: MEGA

Comments

Comment
Cut by vein as in 556

Field Observation Point: VRO_589

Collected on: 03.09.2019 14:21:04 **At Coordinates: X:** 484097,8494 **- Y:** 6567120,2059

Summary Label: RYO

Comments

Comment
Fine grained, equigranular white rhyolite

Field Observation Point: VRO_590

Collected on: 03.09.2019 14:26:19 **At Coordinates: X:** 484001,6731 **- Y:** 6567298,819

Summary Label: MEGA

Comments

Comment
Finegrained and massive. Ophitic texture

Field Observation Point: VRO_591

Collected on: 03.09.2019 14:30:27 **At Coordinates: X:** 483953,585 **- Y:** 6567401,8651

Summary Label: RYO

Comments

Comment
Light grey and red, fine gained, equigranular rhyolite. No apparent foliation

Field Observation Point: VRO_595

Collected on: 03.09.2019 14:44:52 **At Coordinates: X:** 483630,7073 **- Y:** 6567628,5664

Summary Label: AUG

Comments

Comment
Porphyric augengneiss, relatively undeformed. 1-2 cm clasts in finegrained matrix

Field Observation Point: VRO_596

Collected on: 03.09.2019 14:49:22 **At Coordinates: X:** 483545,9806 **- Y:** 6567619,4067

Summary Label: AUG

Comments

Comment
Same as 595

Field Observation Point: VRO_597

Collected on: 03.09.2019 14:53:39 **At Coordinates: X:** 483455,0773 **- Y:** 6567546,5131

Summary Label: AUG

Comments

Comment
Same as 595. Granite may be more appropriate as little deformation is visible.

Field Observation Point: VRO_598

Collected on: 03.09.2019 15:02:48 **At Coordinates: X:** 483390,1871 **- Y:** 6567464,5465

Summary Label: AUG

Comments

Comment
High strain aug, porphyric

Field Observation Point: VRO_599

Collected on: 03.09.2019 15:06:38 **At Coordinates: X:** 483438,0009 **- Y:** 6567362,0883

Summary Label: AUG

Comments

Comment
Shear foliatuon, 50\50 matrix\clasts

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	136	45	Fabric-ShearZoneGen			

Field Observation Point: VRO_600

Collected on: 03.09.2019 15:11:24 **At Coordinates: X:** 483485,8147 **- Y:** 6567331,3509

Summary Label: AUG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	140	47	Fabric-ShearZoneGen			

Field Observation Point: VRO_601

Collected on: 03.09.2019 15:20:28 **At Coordinates: X:** 483588,2729 **- Y:** 6567187,9094

Summary Label: RYO

Comments

Comment
Finegrained, equigranular, slightly foliated leucocratic grey rhyolite

Field Observation Point: VRO_602

Collected on: 03.09.2019 15:23:41 **At Coordinates: X:** 483594,0896 **- Y:** 6567078,7507

Summary Label: AND

Comments

Comment
Fine grained, equigranular, mesocratic, mafic to intermediate rock. No foliation

Field Observation Point: VRO_603

Collected on: 03.09.2019 15:28:41 **At Coordinates: X:** 483631,1073 **- Y:** 6567054,1238

Summary Label: MEGA

Comments

Comment
Fine grained, equigranular and massive metagabbro with ophitic texture

Field Observation Point: VRO_604

Collected on: 03.09.2019 15:33:34 **At Coordinates: X:** 483584,8577 **- Y:** 6566989,8235

Summary Label: AMG

Comments

Comment
Foliated (mm thickness), equigranular, melanocratic amphibolite. Alternating between mafic and more intermediate layers

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	91	42				

Field Observation Point: VRO_605

Collected on: 03.09.2019 15:48:53 **At Coordinates: X:** 483624,8884 **- Y:** 6566821,4761

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, massive leucocratic rock. Color is lightbgrey and red

Field Observation Point: VRO_606

Collected on: 03.09.2019 15:56:19 **At Coordinates: X:** 483593,5477 **- Y:** 6566733,5505

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, foliated rhyolite. Almost vertical, probably in relation with faulting nearby

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	3	85	Fabric-ShearZoneGen			

Field Observation Point: VRO_607

Collected on: 03.09.2019 16:02:42 **At Coordinates: X:** 483585,6163 **- Y:** 6566642,3399

Summary Label: RYO

Comments

Comment
Same rhyolite as 606, but here it is massive, no visible foliation

Field Observation Point: VRO_608

Collected on: 03.09.2019 16:06:45 **At Coordinates: X:** 483609,4104 **- Y:** 6566584,8376

Summary Label: RYO

Comments

Comment
Finegrained, foliated rhyolite. Subhorizontal foliation

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	71	12				

Field Observation Point: VRO_609

Collected on: 03.09.2019 16:12:54 **At Coordinates: X:** 483661,1397 **- Y:** 6566447,2497

Summary Label: RYO

Comments

Comment
Leucocratic, finegrained, equigranular, massive to weakly banded rhyolite

Field Observation Point: VRO_610

Collected on: 03.09.2019 16:20:06 **At Coordinates: X:** 483636,8697 **- Y:** 6566334,3096

Summary Label: RYO

Comments

Comment
Massive, fine grained small-porphyric leucocratic rhyolite

Field Observation Point: VRO_611

Collected on: 03.09.2019 16:24:10 **At Coordinates: X:** 483696,1731 **- Y:** 6566306,3741

Summary Label: AM

Comments

Comment
Fine grained, equigranular, massive, mesocratic dark amphibolite

Field Observation Point: VRO_612

Collected on: 03.09.2019 16:28:18 **At Coordinates: X:** 483613,0858 **- Y:** 6566146,5907

Summary Label: RYO

Comments

Comment
Fine grained, weakly banded rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	140	62				

Field Observation Point: VRO_614

Collected on: 04.09.2019 10:18:36 **At Coordinates: X:** 480751,8198 **- Y:** 6566037,8097

Summary Label: AM

Comments

Comment
Melanocratic, finegrained, equigranular dark amphibolite. Cut by one, 2mm thick vein of finegrained felsic minerals

Field Observation Point: VRO_615

Collected on: 04.09.2019 10:27:02 **At Coordinates: X:** 480708,4098 **- Y:** 6566130,5496

Summary Label: AMG

Comments

Comment
Veey similar to 377. Fine grained, mesocratic, distunctly banded amphibolitic gneiss. Alternating dark, mafic and white leucocratic bands, dipping SE. Also contains xenoliths of finegrained, equigranular, mafic black amphibolite.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	144	21	Fabric-ShearZoneGen			

Field Observation Point: VRO_616

Collected on: 04.09.2019 10:49:11 **At Coordinates: X:** 480693,4998 **- Y:** 6566172,1497

Summary Label: AMG

Comments

Comment

Same banded rock as615. Several xenoliths of dark, finegrained, equigranular rock, aswell as felsic, elongated clasts ca 130 degrees. Outcrop only in plan view in small stream, no apparent foliation planes to measure

Field Observation Point: VRO_617

Collected on: 04.09.2019 11:03:24 **At Coordinates: X:** 480642,8498 **- Y:** 6566193,9097

Summary Label: AMG

Comments

Comment
Same banded as 615. Plenty of both mafic and felsic clasts asbefore

Field Observation Point: VRO_618

Collected on: 04.09.2019 11:11:13 **At Coordinates: X:** 480563,6067 **- Y:** 6566307,6973

Summary Label: AMG

Comments

Comment
Plenty of mafic, finegrained clasts at this locarion

Field Observation Point: VRO_619

Collected on: 04.09.2019 11:18:11 **At Coordinates: X:** 480567,3198 **- Y:** 6566324,3497

Summary Label: MYL

Comments

Comment
Very fine grained, laminated, mesocratic mylonite, Lamination alternates between felsic, weak red and mafic, dark colors. Equigranular, no clasts

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	51	50	Fabric-MylonPhylon			

Field Observation Point: VRO_620

Collected on: 04.09.2019 11:32:22 **At Coordinates: X:** 480551,0398 **- Y:** 6566341,5797

Summary Label: AMG

Comments

Comment
Alternating, bande AMG. Banding isfolded, showing topbro SE extension. Could all this indact be mylonire, not amg?

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	204	60	Fabric-ShearZoneGen			

Field Observation Point: VRO_621

Collected on: 04.09.2019 11:53:21 **At Coordinates: X:** 480525,7398 **- Y:** 6566382,1497

Summary Label: AMG

Comments

Comment
Same alternating banding

Field Observation Point: VRO_622

Collected on: 04.09.2019 11:57:52 **At Coordinates: X:** 480489,2108 **- Y:** 6566428,1555

Summary Label: MYL

Comments

Comment
Very fine grained, felsic, quartzrich foliated mylonite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	204	53	Fabric-MylonPhylon			

Field Observation Point: VRO_623

Collected on: 04.09.2019 12:09:55 **At Coordinates: X:** 480499,5717 **- Y:** 6566508,9699

Summary Label: MYL

Comments

Comment
Banded, finegrained, equigranular gneissic rock. Alternation of white quartzrich, greyish red and black bands. One large, meterscale xenolith of finegrained, equigranular mafic amphibolite, which cuts through foliation

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	43	70	Fabric-MylonPhylon			

Field Observation Point: VRO_624

Collected on: 04.09.2019 13:03:07 **At Coordinates: X:** 480453,187 **- Y:** 6566650,8336

Summary Label: MYL

Comments

Comment
Fine grained, equigranular, greyish red mylonitic rock. Very different from previous AMG, as there s no distinct banding

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	115	28	Fabric-MylonPhylon		A	
Lineation_Plunging	138	26	Mineral-Lin		A	

Field Observation Point: VRO_625

Collected on: 04.09.2019 13:17:25 **At Coordinates: X:** 480387,9053 **- Y:** 6566779,0232

Summary Label: MYL

Comments

Comment
Porphyric, leucocraticrock. Clasts ca 1-2 mm, very fine grained matrix.

Field Observation Point: VRO_626

Collected on: 04.09.2019 13:22:50 **At Coordinates: X:** 480371,5445 **- Y:** 6566864,8482

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	152	18	Fabric-MylonPhylon		A	
Lineation_Plunging	108	10	Mineral-Lin		A	

Field Observation Point: VRO_627

Collected on: 04.09.2019 13:30:31 **At Coordinates: X:** 480333,5167 **- Y:** 6566916,2975

Summary Label: MYL

Comments

Comment
Same small-porphyric, greyish red mylonite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	154	21	Fabric-MylonPhylon			
Lineation_Plunging	161	18	Mineral-Lin			

Field Observation Point: VRO_628

Collected on: 04.09.2019 13:44:04 **At Coordinates: X:** 480167,9841 **- Y:** 6567139,9903

Summary Label: MYL

Comments

Comment
Small-porphyric, greyish red mylonite. Unable to carry out any measurements

Field Observation Point: VRO_629

Collected on: 04.09.2019 13:51:30 **At Coordinates: X:** 480109,824 **- Y:** 6567191,4396

Summary Label: MYL

Comments

Comment
Same as 628

Field Observation Point: VRO_630

Collected on: 04.09.2019 13:54:44 **At Coordinates: X:** 480058,3746 **- Y:** 6567220,5197

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	66	18	Fabric-MylonPhylon			

Field Observation Point: VRO_631

Collected on: 04.09.2019 14:12:32 **At Coordinates: X:** 479925,7771 **- Y:** 6567289,5616

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	146	18	Fabric-MylonPhylon			
Lineation_Plunging	145	14	Mineral-Lin			

Field Observation Point: VRO_632

Collected on: 04.09.2019 14:24:01 **At Coordinates: X:** 479802,1808 **- Y:** 6567408,7438

Summary Label: GRAG

Comments

Comment
Medium grained, equigranular, red and white rock rich in qtz and feldspar. Contact with mylonite probably follow this sw-ne canyon

Field Observation Point: VRO_633

Collected on: 04.09.2019 14:26:01 **At Coordinates: X:** 479863,9789 **- Y:** 6567357,981

Summary Label: MYL

Comments

Comment
Not able to measure, but foliation, grainsize and color resembles mylonite

Field Observation Point: VRO_634

Collected on: 04.09.2019 14:31:10 **At Coordinates: X:** 479875,0143 **- Y:** 6567408,7438

Summary Label: GRAG

Comments

Comment
Pegmatitic, coarse grained, granitic gneiss

Field Observation Point: VRO_635

Collected on: 04.09.2019 14:34:36 **At Coordinates: X:** 479912,5347 **- Y:** 6567479,3703

Summary Label: GRAG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	109	31	Fabric-Gneissic			

Field Observation Point: VRO_636

Collected on: 04.09.2019 14:42:50 **At Coordinates: X:** 479896,4417 **- Y:** 6567523,7552

Summary Label: GRAG

Comments

Comment
Fine grained, equigranular, relatively massive granitic gneiss. Weakly foliated to massive

Field Observation Point: VRO_637

Collected on: 04.09.2019 14:45:08 **At Coordinates: X:** 479894,9425 **- Y:** 6567545,9279

Summary Label: GRAG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	124	31	Fabric-Gneissic			

Field Observation Point: VRO_639

Collected on: 04.09.2019 15:13:06 **At Coordinates: X:** 479911,8975 **- Y:** 6567402,7522

Summary Label: GRAG

Comments

Comment
Coarse grained, equigranular, white pegmatite in GRAG

Field Observation Point: VRO_640

Collected on: 04.09.2019 15:19:01 **At Coordinates: X:** 479749,8829 **- Y:** 6567402,7522

Summary Label: GRAG

Comments

Comment
Equigranular, medium grained, white and red granitic gneiss

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	146	29	Fabric-Gneissic			

Field Observation Point: VRO_641

Collected on: 04.09.2019 15:23:16 **At Coordinates: X:** 479700,9017 **- Y:** 6567363,1905

Summary Label: GRAG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	105	29	Fabric-Gneissic			

Field Observation Point: VRO_642

Collected on: 04.09.2019 15:31:07 **At Coordinates: X:** 479538,5298 **- Y:** 6567201,3397

Summary Label: GRAG

Comments

Comment
Medium grained, equigranular, foliated granitic gneiss. Coarse grained pegmatite parallell to foliation

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	94	41	Fabric-Gneissic			

Field Observation Point: VRO_644

Collected on: 04.09.2019 15:49:09 **At Coordinates: X:** 479544,5388 **- Y:** 6567025,974

Summary Label: MYL

Comments

Comment
Finegrained, equigranular, thinly (mm) foliared grey and red mylonite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	131	32	Fabric-MylonPhylon			

Field Observation Point: VRO_645

Collected on: 04.09.2019 15:56:43 **At Coordinates: X:** 479577,4898 **- Y:** 6566983,7997

Summary Label: MYL

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment

Foliation_Shear_Inclined	147	39	Fabric-MylonPhylon			

Field Observation Point: VRO_646

Collected on: 04.09.2019 16:03:51 **At Coordinates: X:** 479762,7397 **- Y:** 6566826,6196

Summary Label: MYL

Comments

Comment
Overgrown outcrop, weakly recognized as mylonite

Field Observation Point: VRO_647

Collected on: 04.09.2019 16:09:06 **At Coordinates: X:** 479910,9197 **- Y:** 6566630,5297

Summary Label: MYL

Comments

Comment
Fine grained, small porphyric, grey and red mylonite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	176	19	Fabric-MylonPhylon		A	
Lineation_Plunging	173	17	Mineral-Lin		A	

Field Observation Point: VRO_648

Collected on: 05.09.2019 10:23:59 **At Coordinates: X:** 483316,4598 **- Y:** 6564867,9697

Summary Label: AM

Comments

Comment
Porphyric rock. Very fine grained, melanocratic, dark matrix, with white, qtz vein with occasional felsic clast

Field Observation Point: VRO_649

Collected on: 05.09.2019 10:31:59 **At Coordinates: X:** 483363,8198 **- Y:** 6564864,4196

Summary Label: DAC

Comments

Comment
Intermediate, mesocratic, light grey rock. Fine grained, euigranular, with a weak foliation of red minerals

Field Observation Point: VRO_650

Collected on: 05.09.2019 10:38:17 **At Coordinates: X:** 483363,8198 **- Y:** 6564864,4196

Summary Label: DAC

Comments

Comment
Same dacite as 649. One 3-5 cm thick layer offine grained, equigranular, amphibolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	99	68				

Field Observation Point: VRO_651

Collected on: 05.09.2019 10:45:06 **At Coordinates: X:** 483443,8565 **- Y:** 6564864,5681

Summary Label: AM

Comments

Comment
Fine grained and massive

Field Observation Point: VRO_652

Collected on: 05.09.2019 10:53:06 **At Coordinates: X:** 483494,5498 **- Y:** 6564873,1097

Summary Label: MEGA

Comments

Comment
Fine grained, equigranular metagabbro with weak primary structures dipping ENE cut by medium grained, leucocratic rhyolite.

Field Observation Point: VRO_653

Collected on: 05.09.2019 11:03:12 **At Coordinates: X:** 483527,4887 **- Y:** 6564891,0856

Summary Label: BAG

Comments

Comment
Contact between medium grained, equigranular metabasalt and a thinly banded, mesocratic rock.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	117	41				foliation of amg

Field Observation Point: VRO_654

Collected on: 05.09.2019 11:13:12 **At Coordinates: X:** 483503,011 **- Y:** 6564921,6827

Summary Label: MEGA

Comments

Comment
Fine grained, equigranular metagabbro with ophitic texture

Field Observation Point: VRO_655

Collected on: 05.09.2019 11:21:23 **At Coordinates: X:** 483625,3996 **- Y:** 6564976,7576

Summary Label: AM

Comments

Comment
Fine grained, equigranular amphibolite

Field Observation Point: VRO_656

Collected on: 05.09.2019 11:33:32 **At Coordinates: X:** 483647,8376 **- Y:** 6565019,5936

Summary Label: DAC

Comments

Comment
Same intermediate, foliated rock as 650

Field Observation Point: VRO_657

Collected on: 05.09.2019 11:43:55 **At Coordinates: X:** 483658,0366 **- Y:** 6565093,0268

Summary Label: AM

Comments

Comment
Finegrained, equigranular

Field Observation Point: VRO_658

Collected on: 05.09.2019 11:46:38 **At Coordinates: X:** 483658,0366 **- Y:** 6565093,0268

Summary Label: RYO

Comments

Comment
Fine grained, small porphyric (3-4mm clasts) weakly layerd leucocratic rhyolite

Field Observation Point: VRO_659

Collected on: 05.09.2019 11:53:46 **At Coordinates: X:** 483668,2357 **- Y:** 6565184,8183

Summary Label: BAG

Comments

Comment
Same as 653. Finegrained, equigranular, thinly foliated mesocratic rock. Some layers consists of coarser, more metagabbroic rocks

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	114	67				

Field Observation Point: VRO_660

Collected on: 05.09.2019 12:06:12 **At Coordinates: X:** 483607,0414 **- Y:** 6565301,0875

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, massive, leucocratic rhyolite

Field Observation Point: VRO_662

Collected on: 05.09.2019 12:12:32 **At Coordinates: X:** 483500,9712 **- Y:** 6565354,1226

Summary Label: MEGA

Comments

Comment
Finegrained and equigranular

Field Observation Point: VRO_664

Collected on: 05.09.2019 13:02:44 **At Coordinates: X:** 483432,0945 **- Y:** 6565405,4354

Summary Label: AM

Comments

Comment
Massive, fine grained, equigranularamphibolite

Field Observation Point: VRO_665

Collected on: 05.09.2019 13:05:47 **At Coordinates: X:** 483474,9207 **- Y:** 6565440,8973

Summary Label: AM

Comments

Comment
Finegrained, massive amphibolite, cut by a vein of fine to medium grained rhyolite with mafic xenoliths

Field Observation Point: VRO_666

Collected on: 05.09.2019 13:10:36 **At Coordinates: X:** 483482,4491 **- Y:** 6565466,4939

Summary Label: MEGA

Comments

Comment
Medium grained metagabbro

Field Observation Point: VRO_667

Collected on: 05.09.2019 13:13:20 **At Coordinates: X:** 483488,4718 **- Y:** 6565481,5507

Summary Label: MEGA

Comments

Comment
Metagabbro, some finegrained rhyolire barely visible

Field Observation Point: VRO_669

Collected on: 05.09.2019 13:21:49 **At Coordinates: X:** 483572,7899 **- Y:** 6565606,5222

Summary Label: RYO

Comments

Comment
Fine grained, weakly layered rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	53	26				

Field Observation Point: VRO_670

Collected on: 05.09.2019 13:34:40 **At Coordinates: X:** 483605,9149 **- Y:** 6565630,613

Summary Label: AM

Comments

Comment
Fine grained equigranular, melanocratic mafic rock

Field Observation Point: VRO_671

Collected on: 05.09.2019 13:37:05 **At Coordinates: X:** 483639,0399 **- Y:** 6565653,1983

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, leucocratic foliated rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	85	60				

Field Observation Point: VRO_672

Collected on: 05.09.2019 13:52:32 **At Coordinates: X:** 483646,5683 **- Y:** 6565754,0789

Summary Label: AM

Comments

Comment
Fine grained, equigranular mesocratic amphibolite

Field Observation Point: VRO_674

Collected on: 05.09.2019 14:12:43 **At Coordinates: X:** 483825,7443 **- Y:** 6566080,8115

Summary Label: AM

Comments

Comment
Finegrained, equigranular, massive dark amphibolite

Field Observation Point: VRO_675

Collected on: 05.09.2019 14:18:27 **At Coordinates: X:** 483962,7612 **- Y:** 6566062,7434

Summary Label: AM

Comments

Comment
Finegrained, equigranular, mesocratic. Weakly banded

Field Observation Point: VRO_677

Collected on: 05.09.2019 14:28:29 **At Coordinates: X:** 484045,5736 **- Y:** 6566050,6979

Summary Label: RYO

Comments

Comment
Finegrained, equigranular, leucocratic foliated rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	134	64				

Field Observation Point: VRO_679

Collected on: 05.09.2019 14:37:13 **At Coordinates: X:** 484120,8576 **- Y:** 6566068,7661

Summary Label: MEGA

Comments

Comment
Medium grained, equigranular metagabbro with ophitic texture

Field Observation Point: VRO_681

Collected on: 05.09.2019 14:46:34 **At Coordinates: X:** 484270,1559 **- Y:** 6566129,118

Summary Label: AM

Comments

Comment
Foliated, finegrained amphibolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	115	51				

Field Observation Point: VRO_682

Collected on: 05.09.2019 15:01:14 **At Coordinates: X:** 484233,079 **- Y:** 6566263,5219

Summary Label: RYO

Comments

Comment
Quartzrich, white rhyolite

Field Observation Point: VRO_683

Collected on: 05.09.2019 15:08:29 **At Coordinates: X:** 484279,4251 **- Y:** 6566319,1373

Summary Label: AM

Comments

Comment
Fine grained, equigranular, weakly foliated amphibolite

Field Observation Point: VRO_684

Collected on: 05.09.2019 15:13:00 **At Coordinates: X:** 484337,3579 **- Y:** 6566254,2527

Summary Label: GRAG

Comments

Comment
Granitic gneiss, porphyric, weakly foliated, red and greyish color

Field Observation Point: VRO_685

Collected on: 05.09.2019 15:21:50 **At Coordinates: X:** 484446,2714 **- Y:** 6566136,0699

Summary Label: GRAG

Comments

Comment
Foliated, subhorizobtal granitic gneiss laying on top (and also partly intruding in to) finegrained amphivolite. Some amphibolite xenoliths in intruding granitic veins

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	136	12				

Field Observation Point: VRO_686

Collected on: 05.09.2019 15:32:30 **At Coordinates: X:** 484482,1896 **- Y:** 6566059,5987

Summary Label: RYO

Comments

Comment
Fine to medium grained leucocratuc rgyolite with metagabbroic xenoliths

Field Observation Point: VRO_687

Collected on: 05.09.2019 15:35:52 **At Coordinates: X:** 484512,4122 **- Y:** 6566015,2507

Summary Label: MEGA

Comments

Comment
Massive mediumgrained metagabbro

Field Observation Point: VRO_688

Collected on: 05.09.2019 15:39:51 **At Coordinates: X:** 484585,1532 **- Y:** 6565930,2728

Summary Label: AM

Comments

Comment
Finegrained amphibolite intruded by rhyolite. Foliated

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Penetrative_Inclined	160	65				

Field Observation Point: VRO_689

Collected on: 05.09.2019 16:20:08 **At Coordinates: X:** 484793,2998 **- Y:** 6565769,6796

Summary Label: MEGA

Comments

Comment
Fine grained, equigranular metagabbro with ophitic texture

Field Observation Point: VRO_690

Collected on: 05.09.2019 16:23:20 **At Coordinates: X:** 484873,6598 **- Y:** 6565768,0296

Summary Label: GRAG

Comments

Comment

Fine grained, equigranular banded granittic gneiss

Field Observation Point: VRO_691

Collected on: 05.09.2019 16:27:06 **At Coordinates: X:** 484934,4598 **- Y:** 6565768,7497

Summary Label: MEGA

Comments

Comment
Fine- to medium grained, massive metagabbro with ophitic txture

Field Observation Point: VRO_692

Collected on: 05.09.2019 16:31:25 **At Coordinates: X:** 485056,4698 **- Y:** 6565743,5897

Summary Label: AM

Comments

Comment
Finegrained massive amphibolite

Field Observation Point: VRO_695

Collected on: 05.09.2019 16:42:39 **At Coordinates: X:** 485386,8798 **- Y:** 6565629,0103

Summary Label: AM

Comments

Comment
Fine grained, equigranular, massive, melanicratic amphibolite

Field Observation Point: VRO_696

Collected on: 05.09.2019 16:45:35 **At Coordinates: X:** 485457,7898 **- Y:** 6565611,9996

Summary Label: AM

Comments

Comment
Same as 695

Field Observation Point: VRO_709

Collected on: 06.09.2019 09:51:26 **At Coordinates: X:** 478310,5647 **- Y:** 6567568,4315

Summary Label: GRAG

Comments

Comment
Pegmatitic,red, white and grey granitic gneiss with lense of fine grained, equigranular granitic rock

Field Observation Point: VRO_710

Collected on: 06.09.2019 10:02:29 **At Coordinates: X:** 478417,973 **- Y:** 6567463,8452

Summary Label: GRAG

Comments

Comment
Subvertical fault plane of granitic gneiss, oblique dip-slip motion. Interpret to possibly represent a trend in this area, where the valley is a result of faulting.

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Fault_Plane_Dip	22	88			A	
Lineation_Plunging	118	86	Slickenside-Lin		A	

Field Observation Point: VRO_711

Collected on: 06.09.2019 10:57:26 **At Coordinates: X:** 479394,0643 **- Y:** 6566972,178

Summary Label: GRAG

Comments

Comment
The granittic gneiss is finegrained, equigranular here, likely because the close proximety to the detachment zone

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	176	20	Fabric-Gneissic			

Field Observation Point: VRO_712

Collected on: 06.09.2019 11:11:09 **At Coordinates: X:** 479416,0951 **- Y:** 6566994,6229

Summary Label: CAT

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Fault_Plane_Dip	74	86				

Field Observation Point: VRO_713

Collected on: 06.09.2019 11:49:12 **At Coordinates: X:** 479921,6418 **- Y:** 6566458,5716

Summary Label: MYL

Comments

Comment
Very finegrained, dark and green, equigranular sheared mylonitic rock. Rich in chlorite in some parts, other parts are more felsic with white, dragged out bands and clasts, possibly a metarhyolitic rock. Dark, chlorite rich lithology seems to be dominant

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	154	30	Fabric-MylonPhylon		A	
Lineation_Plunging	143	28	Mineral-Lin		A	
Foliation_Shear_Inclined	141	29	Fabric-MylonPhylon		B	
Lineation_Plunging	146	26	Mineral-Lin		B	

Field Observation Point: VRO_714

Collected on: 06.09.2019 12:08:38 **At Coordinates: X:** 479910,1639 **- Y:** 6566474,1055

Summary Label: MYL

Comments

Comment
Contact between the underlying, very fine grained, dark green rock rich in chlorite with clear lineation, and a dark, finegrained rock with amphiboles

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	136	40	Fabric-MylonPhylon			
Lineation_Plunging	146	38	Mineral-Lin			

Foliation_Compositional_Inclined	163	29			A	
Lineation_Plunging	168	27	Mullion-Lin		A	

Field Observation Point: VRO_715

Collected on: 06.09.2019 13:23:27 **At Coordinates: X:** 479819,4104 **- Y:** 6566593,8521

Summary Label: GRAG

Comments

Comment
Porphyric, deformed granitic gneiss. Apparent that GRAG has been deformed, reduced the grainsize and dragged out clasts. Layering shows normal, top to SW, ECC-shearbands. Occasional pod/ vein of coarses material, likely previous pegmatite

Field Observation Point: VRO_716

Collected on: 06.09.2019 13:35:23 **At Coordinates: X:** 479856,9696 **- Y:** 6566573,7751

Summary Label: GRAG

Comments

Comment
Porphyric, foliated. Still light, red color, looking like deformed granitic gneiss

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Compositional_Inclined	140	20	Fabric-Gneissic			

Field Observation Point: VRO_717

Collected on: 06.09.2019 13:40:06 **At Coordinates: X:** 479856,1564 **- Y:** 6566562,827

Summary Label: GRAG

Comments

Comment
Deformed, porphyric, protomylonitic gneissFinegrained matrix

Field Observation Point: VRO_718

Collected on: 06.09.2019 13:48:49 **At Coordinates: X:** 479862,4325 **- Y:** 6566550,8305

Summary Label: GRAG

Comments

Comment
Reworked, granittic gneiss. Very fine grained, but atill occasionally medium- to xoarse grained clasts

Field Observation Point: VRO_719

Collected on: 06.09.2019 13:51:30 **At Coordinates: X:** 479866,6194 **- Y:** 6566542,7705

Summary Label: GRAG

Comments

Comment
Stratigraphically above 718, but coarses grained here, supporting theory of zone-accomodated strain

Field Observation Point: VRO_720

Collected on: 06.09.2019 13:58:58 **At Coordinates: X:** 479876,3418 **- Y:** 6566524,6434

Summary Label: CAT

Comments

Comment
Very finegrained, protocataclastic rock. Here difficult to recognize GRAG as protolith, but sporadic lenses of coarses material from pegmatite indicate GRAG protolith. Hard to identify any foliation, as it is lost in the many microfractures.

Field Observation Point: VRO_721

Collected on: 06.09.2019 14:10:07 **At Coordinates: X:** 479871,0455 **- Y:** 6566534,1682

Summary Label: GRAG

Comments

Comment
Extremely finegrained

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	122	22	Fabric-ShearZoneGen		A	
Lineation_Plunging	144	20	Mineral-Lin		A	

Field Observation Point: VRO_722

Collected on: 06.09.2019 14:21:01 **At Coordinates: X:** 479895,8328 **- Y:** 6566505,5422

Summary Label: CAT

Comments

Comment
Very finegrained, dark cataclastic rock with a dark, blueish tint. Relict feldspar foliation from the prtolithic GRAG. Vertical, silisified veins.

Field Observation Point: VRO_723

Collected on: 06.09.2019 14:26:59 **At Coordinates: X:** 479899,8969 **- Y:** 6566497,8656

Summary Label: CAT

Comments

Comment
Same lithology as 722. Cut by steep, normal, topto SW fault., as well as numerous steep, NW dipping mineral veins. Another NW normal faultv5m downroad. very finegrained

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Fault_Plane_Dip	102	62				Sample Bite 616 gouge
Fault_Plane_Dip	129	63			B	
Lineation_Plunging	134	60	Slickenside-Lin		B	
Mineral_Vein_dip	304	81	QUTZ		B	

Field Observation Point: VRO_724

Collected on: 06.09.2019 14:40:24 **At Coordinates: X:** 479898,1392 **- Y:** 6566490,8797

Summary Label: MYL

Comments

Comment
Greyish green, foliated, very finegrained mylonitic rock. A few, mm clasts. Different than cataclasite since no signs of GRAG is left, so likely different rock type

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	138	40	Fabric-MylonPhylon		A	
Lineation_Plunging	155	49	Mineral-Lin		A	

Field Observation Point: VRO_725

Collected on: 06.09.2019 14:54:51 **At Coordinates: X:** 479902,7428 **- Y:** 6566484,3951

Summary Label: MYL

Comments

Comment
Here, possible relict structures of feldspar from GRAG occurs again, otherwise, very dark, green color, very fine grained and equigranular. Deformasjonsbergart

Field Observation Point: VRO_726

Collected on: 06.09.2019 15:17:29 **At Coordinates: X:** 479911,6777 **- Y:** 6566472,107

Summary Label: MYL

Comments

Comment
Banded, white/red felsic and dark, finegrained mylonitic rock. Harder than the ynderlaying rocks.

Field Observation Point: VRO_727

Collected on: 06.09.2019 15:58:23 **At Coordinates: X:** 479840,7414 **- Y:** 6566590,4371

Summary Label: GRAG

Comments

Comment
Sample of granitic rock with ultramylonitic band.

Field Observation Point: VRO_728

Collected on: 07.09.2019 10:53:52 **At Coordinates: X:** 481239,5469 **- Y:** 6568842,9737

Summary Label: MYL

Comments

Comment
Just 4 meter away from VRO_333 is a thinly foliated, very finegrained, porphyric mylonitic granitic gneiss.vFoliation is clearly lineated, and a granitic protolith islikely. Its large structural contrast to VRO_333 suggests this location or 333 might be a lense

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	163	19	Fabric-MylonPhylon		A	
Lineation_Plunging	125	16	Mineral-Lin		A	

Field Observation Point: VRO_729

Collected on: 07.09.2019 12:11:39 **At Coordinates: X:** 481272,0095 **- Y:** 6568820,0589

Summary Label: MYL

Comments

Comment
Myloniti granitic gneiss. Very fine, dark matrix with larger, elongated feldspar clasts

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	106	20	Fabric-MylonPhylon			

Field Observation Point: VRO_730

Collected on: 07.09.2019 13:09:47 **At Coordinates: X:** 481272,4509 **- Y:** 6568791,7114

Summary Label: MYL

Comments

Comment
Porphyric, mylonitic granitic gneiss. Very fine grained, dark matrix rich in qtz and mm to cm long feldspar clasts.Distinct foliation. In this section there are no traces of pegmatitic material, however, a granitic protolith is still likely

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	153	30	Fabric-MylonPhylon			

Field Observation Point: VRO_731

Collected on: 07.09.2019 13:53:34 **At Coordinates: X:** 481355,5528 **- Y:** 6568708,3495

Summary Label: MYL

Comments

Comment
Fine grained, equigranular, red and white mylonitic granitic gneiss in a ca. 5 cm thick band with over- and underlying bands of darker, finegrained, equigranular rock.

Field Observation Point: VRO_732

Collected on: 07.09.2019 14:01:39 **At Coordinates: X:** 481361,7589 **- Y:** 6568709,7817

Summary Label: MYL

Comments

Comment
Mesocratic, dark, small-porphyric (1mm clast) rock with a weak, green color from chlorite. Relatively hard. A few, 1-5mm long red, feldsparclasts, a relict structure from the original granitic gneiss, similar to what was found on the other traverse, stratigraphically righ below the normal faults (VRO_722)

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	156	49	Fabric-MylonPhylon			

Field Observation Point: VRO_733

Collected on: 07.09.2019 15:07:25 **At Coordinates: X:** 480833,563 **- Y:** 6568489,9346

Summary Label: GRAG

Comments

Comment
Seems to be slightly deformed with medium grained foliation, as well as cut by a pegmatitic vein

Field Observation Point: VRO_734

Collected on: 07.09.2019 15:23:54 **At Coordinates: X:** 480812,4693 **- Y:** 6568388,1543

Summary Label: GRAG

Comments

Comment
Medium grained, equigranular, massive granitic gneiss. No obvious signs of deformation, therefor here relatively deep in the footwall. Color is red, white, green and black.

Field Observation Point: VRO_735

Collected on: 07.09.2019 15:38:24 **At Coordinates: X:** 480809,7284 **- Y:** 6568206,4486

Summary Label: MYL

Comments

Comment
Dark, porphyric, blueish rock. Matrix is very fine grained and equigranular, while there are a few, mm long red feldsparclasts faintly making a relict foliation. Similar to what have been seen in the two shear zone profiles.

Field Observation Point: VRO_736

Collected on: 07.09.2019 16:12:45 **At Coordinates: X:** 480818,7537 **- Y:** 6567938,5411

Summary Label: MYL

Comments

Comment
Same as 64

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	166	22	Fabric-MylonPhylon		A	
Lineation_Plunging	144	20	Mineral-Lin		A	

Field Observation Point: VRO_737

Collected on: 07.09.2019 16:47:07 **At Coordinates: X:** 480632,2482 **- Y:** 6567498,7479

Summary Label: MYL

Comments

Comment
Very finegrained, equigranularn thinly foliated, dark with a green tint mesocratic rock. A few, larger 2-4mm long feldspar clasts. Unable to find any lineations, but is simillar to what found at the shear zone profile along the road. One cm thick quartz vein runs parallell to the weak foliation. Each foliation plane consists of abundant micas

Field Observation Point: VRO_738

Collected on: 08.09.2019 10:00:30 **At Coordinates: X:** 483133,6218 **- Y:** 6564639,9894

Summary Label: AUG

Comments

Comment
Strongly foluated augengneiss. Red feldspar clasts 1-2 cm long hosted in a dark, very fine grained foliated matrix

Field Observation Point: VRO_739

Collected on: 08.09.2019 10:11:25 **At Coordinates: X:** 483194,1114 **- Y:** 6564576,3749

Summary Label: RYO

Comments

Comment
Fine grained, equigranular, leucocratic, light grey and red color

Field Observation Point: VRO_740

Collected on: 08.09.2019 10:23:08 **At Coordinates: X:** 482971,8259 **- Y:** 6564483,0307

Summary Label: AUG

Comments

Comment
Porphyric augengneiss, 2-3 cm long red feldsparclasts in a fine grained, dark matrix.

Field Observation Point: VRO_741

Collected on: 08.09.2019 10:32:52 **At Coordinates: X:** 482872,638 **- Y:** 6564449,901

Summary Label: MEGA

Comments

Comment
Medium grained, dark metagabbro, ophitic texture

Field Observation Point: VRO_742

Collected on: 08.09.2019 10:44:51 **At Coordinates: X:** 482823,8992 **- Y:** 6564380,9851

Summary Label: AUG

Comments

Comment
Outcrop showing the contact between augengneiss and metagabbro.Metagabbro is fine- to medium grained, equigranular with ophitic texture. Augengneiss is porphyric, with cm big feldsparclasts and a

fine grained matrix, relatively undeformed conpared to AUG found elsewhere.There are MEGA xenoliths up to 30-40 cm long in augengneiss, sugesting that AUG is younger than MEGA.

Field Observation Point: VRO_743

Collected on: 08.09.2019 10:55:46 **At Coordinates: X:** 482799,3766 **- Y:** 6564366,7461

Summary Label: MEGA

Comments

Comment
Fine to medium grained metagabbro

Field Observation Point: VRO_745

Collected on: 08.09.2019 11:02:34 **At Coordinates: X:** 482743,2119 **- Y:** 6564337,4772

Summary Label: MEGA

Comments

Comment
Medium grained metagabbro. Cut by a finegrained, equigranular, leucocratic, light grey rock, likely a metarhyolite

Field Observation Point: VRO_746

Collected on: 08.09.2019 11:14:28 **At Coordinates: X:** 482960,7512 **- Y:** 6564430,8213

Summary Label: AUG

Comments

Comment
Relatively undeformed augengneiss with round feldsparclasts and unfoliated, equigranular matrix

Field Observation Point: VRO_748

Collected on: 08.09.2019 11:20:27 **At Coordinates: X:** 483122,9168 **- Y:** 6564566,0912

Summary Label: AUG

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Shear_Inclined	109	25	Fabric-ShearZoneGen			

Field Observation Point: VRO_750

Collected on: 08.09.2019 11:26:20 **At Coordinates: X:** 483170,3799 **- Y:** 6564422,9108

Summary Label: MEGA

Comments

Comment
Small utcrop f metagabbro at the edge of the field. Fine- to mediumgrained

Field Observation Point: VRO_751

Collected on: 08.09.2019 11:31:51 **At Coordinates: X:** 483217,843 **- Y:** 6564573,2106

Summary Label: RYO

Comments

Comment
Finegrained, equigranular, mesocratic, thinly banded rock. Color is light grey with a weak, red/pink shine. Metarhyolitic, but no lineations suggests mylonite

Field Observation Point: VRO_752

Collected on: 08.09.2019 11:42:09 **At Coordinates: X:** 483388,7102 **- Y:** 6564364,373

Summary Label: AM

Comments

Comment
Melanocratic, fine grained, equigranular, massive amphibolite

Field Observation Point: VRO_753

Collected on: 08.09.2019 11:48:02 **At Coordinates: X:** 483654,5035 **- Y:** 6564339,0593

Summary Label: MEGA

Comments

Comment
Medium grained, equigranular, grey and massive metagabbro

Field Observation Point: VRO_754

Collected on: 08.09.2019 11:52:32 **At Coordinates: X:** 483705,1309 **- Y:** 6564321,6562

Summary Label: RYO

Comments

Comment
Fine- to mediumgrained, equigranular, leucocratic, white and light brown/yellow massive rhyolite

Field Observation Point: VRO_755

Collected on: 08.09.2019 11:57:24 **At Coordinates: X:** 483772,7003 **- Y:** 6564309,4364

Summary Label: RYO

Comments

Comment
Finegrained, equigranular, light grey and pink, weakly foliated rhyolite

Field Observation Point: VRO_756

Collected on: 08.09.2019 12:00:02 **At Coordinates: X:** 483813,024 **- Y:** 6564290,7622

Summary Label: AM

Comments

Comment
Finegrained, equigranular, melanocratic, massice amphibolite

Field Observation Point: VRO_757

Collected on: 08.09.2019 12:06:11 **At Coordinates: X:** 483982,2933 **- Y:** 6564132,8771

Summary Label: AM

Comments

Comment
Finegrained, equigranular, melanocratic mafic dark rock

Field Observation Point: VRO_759

Collected on: 08.09.2019 12:10:50 **At Coordinates: X:** 484068,0171 **- Y:** 6564071,7697

Summary Label: RYO

Comments

Comment
Finegrained, equigranular, weakly banded, leucocratic, white grey and pink rhyolite

Structural Observations

Feature	Azimuth	Dip	2nd Attrib	3rd Attrib	Grouping	Comment
Foliation_Penetrative_Inclined	41	41				