

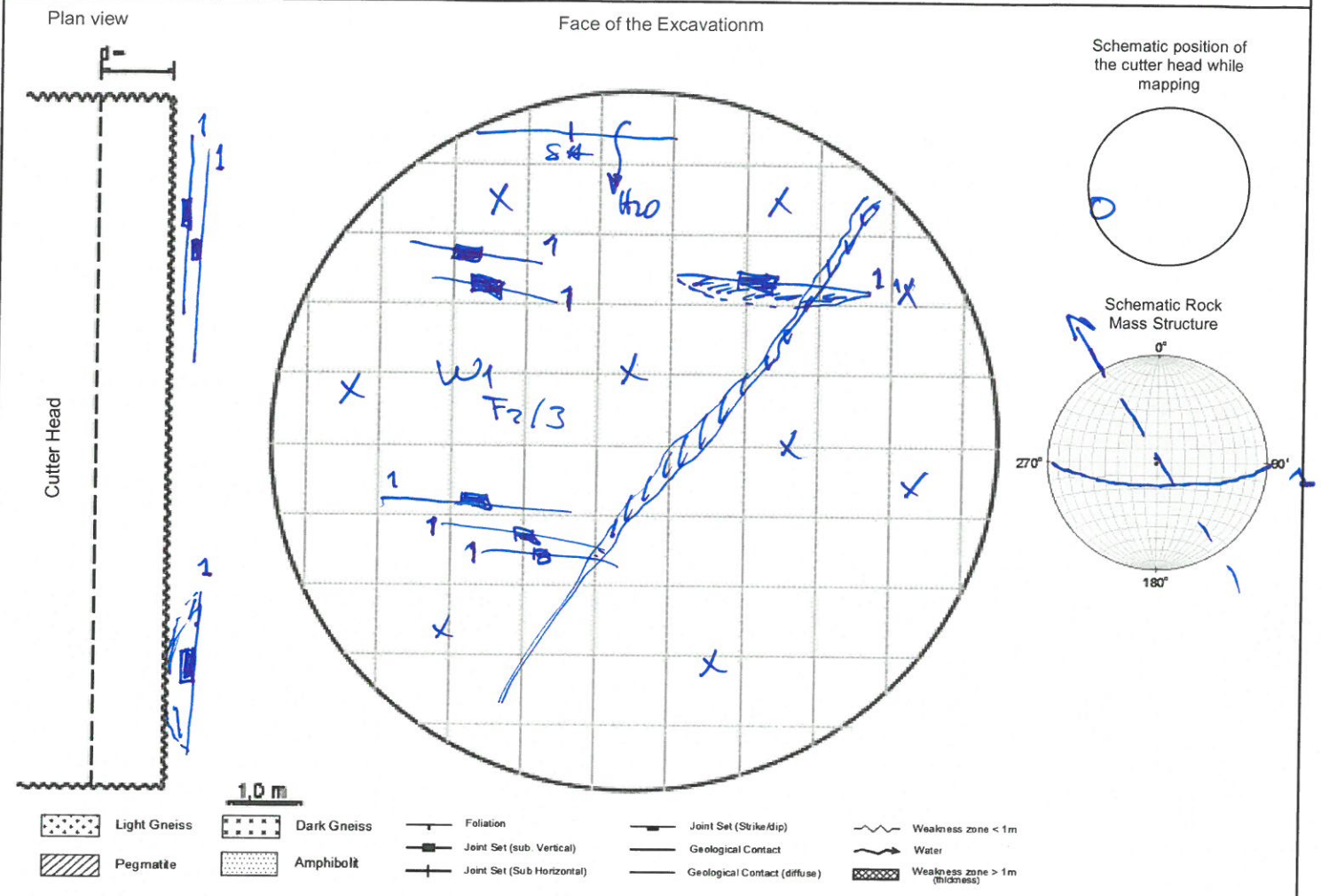
TUNNEL: JOB. NORDH
CHAINAGE: 6+649

MACHINE: TBM 1
RING: 2817

DATE: 10/10-17
HOUR: 10:30

REF. N°:
228

Mapping performed: ☒ Yes ☐ No



DISCONTINUITIES

Fracture set	<u>1</u>				
Strike (α_s)	<u>E-W</u>				
Dip (α_f)	<u>80's-90</u>				
Spacing (cm)	<u>—</u>				
Length (m)	<u>1-3</u>				
Aperture (mm)	<u>< 1.0</u>				
Roughness	<u>R. PLAN</u>				
Infilling	<u>NONE</u>				
Weathering	<u>NONE</u>				

FACE CHARACTERISTICS

Quartz	Veins	<input checked="" type="checkbox"/>	Masses	<input type="checkbox"/>
Garnets	Low	<input checked="" type="checkbox"/>	High	<input type="checkbox"/>
Water	Dry	<input type="checkbox"/>	Moist	<input type="checkbox"/>
	Dripping	<input checked="" type="checkbox"/>	Flowing	<input type="checkbox"/>
	Quantity:	<u>< 1 l/m</u>		
Fracturing	RQD:	<u>100</u>		
Overbreak	Depth (cm):	<u>5-10</u>		
	Amount (%):	<u>< 1%</u>		
Mixed face	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

NOTES

MAINLY DARK GNEISS WITH GARNETS. UN WEATHERED
AND FRACTURES ~~WIDELY~~ TO MODERATELY SPACED.
SOME ~~SEA~~ WATER FROM UPPER PART.

AMP = Amphibolite, DG = Dark gneiss, LG = Light gneiss, PG = Pegmatite, OB = Overbreak, WZ = Weak zone

AGJV Geologist

Date	Name	Signature
<u>10/10-17</u>	<u>JM</u>	<u>[Signature]</u>

Bane NOR Geologist

Date	Name	Signature
<u>10/10-17</u>	<u>AHF</u>	<u>Agnetha H.F.</u>

TUNNEL: INBOUND
CHAINAGE: 06+649
DIRECTION: NORTH

MACHINE: TBM 1
RING: 2848

DATE: 10/10/2017
HOUR: 10:30

REF. Nº:
TBM1_20171010_06649_228

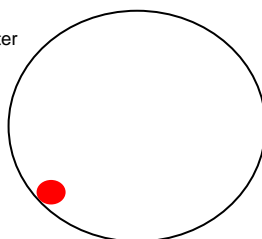
LEFT SIDE



RIGHT SIDE



Schematic position of the cutter
head while mapping



UPPER PART



FACE



AGJV Geologist

Date	Name	Signature
10/10/2017	JM	

Bane NOR Geologist

Date	Name	Signature