



Bergvesenet rapport nr <b>BV 4962</b>	Intern Journal nr Overlevert direkte, ikke registrert	Internt arkiv nr	Rapport lokalisering	Gradering <b>Fortrolig</b>
Kommer fra ..arkiv	Ekstern rapport nr	Oversendt fra Råna ApS	Fortrolig pga Muting	Fortrolig fra dato:
<b>Titel</b> Technical report on the Råna Nickel-copper project, Ballangen, Norway Exploration activities 2007 BILAGSDEL 2: med vedlegg SH-011 - SH-017				
Forfatter Vognsen, Mikkel		Dato    År mai 2008	Bedrift (Oppdragsgiver og/eller oppdragstaker) Råna ApS	
Kommune Ballangen	Fylke Nordland	Bergdistrikt	1: 50 000 kartblad 13312	1: 250 000 kartblad Narvik
Fagområde Geologi Geofysikk Geokjemi	Dokument type	Forekomster (forekomst, gruvefelt, undersøkelsesfelt) Bruvann Arnes Rånbogen		
Råstoffgruppe Malm/metall	Råstofftype Ni Cu			
Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse BILAGSDEL 2: vedlegg SH-011 - SH-017  For tekst, se rapport BV 4957				

**Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse**

Mineralised +/- graphite-rich, massive to disseminated sulphide mineralized mafic-ultramafic boulders and in-situ rocks have been found in several places. The sulphide mineralization style show a broad variety, dominated by magmatic disseminated sulphides in ultramafic rocks. Semi- to massive sulphide veins and mineralized magmatic breccias has been intersected in several drill cores. Ni content varies significantly between the different mineralization styles.

Soil sampling in the 2007 season showed elevated nickel values in several large areas, based on a 20x20m soil sample grid. This approach provided for an excellent base for screening "prospective" from "none-prospective" areas, both in vegetation covered areas and barren rock and scree dominated mountain slope.

Geophysical surveys were conducted within selected areas. Ground based Mag and EM Beep-Mat geophysical surveys were used to confirm the presences of conductors. Prior to the 2007 diamond drilling campaign, a geophysical 3D model was produced, indicating drill target conductors located both on the Arnes bloc and Rånbogen block.

BILAG 1 med vedlegg SH-001 - SH-010, se rapport BV 4961

BILAG 2 med vedlegg SH-011 - SH-017, se rapport BV 4962

1 SH-011

2 SH-012

3 SH-014

4 SH-015

5 SH-016

6 SH-017

7

8

9

10

Esselte 100105

A4 1-10  
PP



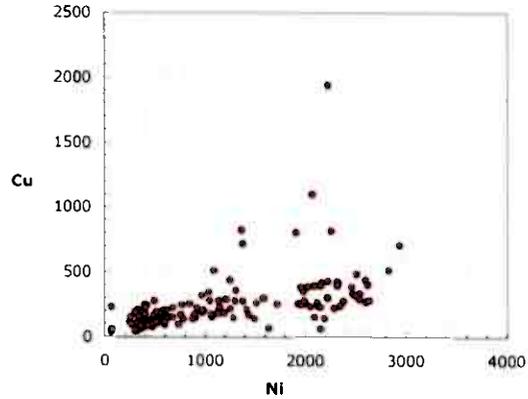
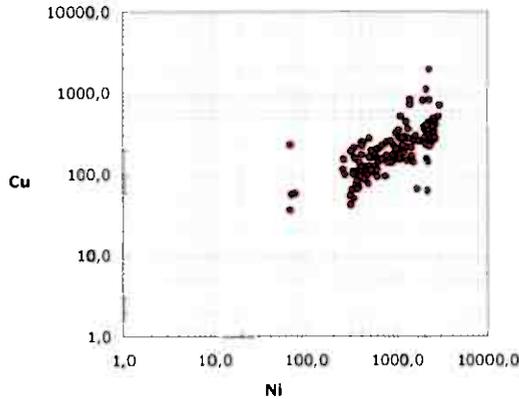


YEAR		2007		Info of Borehole				SH	
<b>Drill Date:</b> 19. Sep				<b>Ballangen DDH-07 SH-011</b>					
<b>HOLE ID:</b> SH-011									
<b>Project:</b> Ballangen		<b>Location:</b> Arnes		<b>Project manager:</b> Søren Lund Jensen					
<b>Northing:</b> 7583417		<b>Elevation:</b> 230 meter [asl]		<b>Drill method:</b> Core					
<b>Easting:</b> 581390		<b>Geologist:</b> Mikkel Vognsen		<b>Core:</b> BQ TK60/40.7		<b>Diameter:</b> 40,7 mm			
<b>Datum:</b> WGS84		<b>Logged by:</b> Mikkel Vognsen		<b>Length:</b> 313,40 meter					
<b>Bearing:</b> 325°		<b>Logged date:</b> 28. april 2008		<b>Average REC/RQD:</b> 97,7 pct. / 93,1 pct.					
<b>Dip:</b> -50°		<b>Survey date:</b> -		<b>by:</b> -		<b>Casing/overburden:</b> 4,0 meter			
<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338									
Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54									

### COMMENTS/PURPOSE

Testing of core zone of significant EM anomaly identified from SkyTEM 2005 and 2006

SULPHIDES					Quartz	ALTERATION					Recovery pct.	Dip angle degree	GEOCHEMISTRY				
Po	Pn	Cp	Gph	X		Grt	Bio	Tre	Phl	Serp			Ni	Cu	Fe	Au	Co



### DDH ORIENTATION / DIP-TEST

Tool Measurements	No measurements		
- Azimute	n.a	n.a	n.a
- Dip	n.a	n.a	n.a
- Depth	n.a	n.a	n.a

### LITHOLOGY

- A - ALT/DYKE/PEG - Alteration - dyke - pegmatite
- B - MGN - Gneiss
- C - NO - Norrite
- D - QNO - Olivinenorite
- E - OPX - Olivinepyroxenite (Ol-websterite)
- F - CPX - Olivinepyroxenite (Ol-websterite)
- G - PRD - Peridotite
- H - PX - Pyroxenite (Websterite)
- I - M - Mineralisation
- eoh - End of Hole

### DESCRIPTIVE STATISTIC

	Ni	Cu
- Mean	1188,27	250,15
- Median	1013,00	202,50
- Minimum	67,00	36,00
- Maximum	2940,00	1940,00
- Standard Deviation	802,47	216,80
- Numbers	150,00	150,00
- Kurtosis	-1,23	25,81
- Skewness	0,44	4,08
- Variance	643954	47002
- Detection Limit	67,00	36,00

### SULPHIDES

- 1 - Pyrrhotite **Po.**
- 2 - Pentlandite **Pn.**
- 3 - Chalcopyrite **Cp.**
- 4 - Graphite **Gph.**
- 5 - X **X.**

### ALTERATION

- 6 - Garnet **Grt.**
- 7 - Biotite **Bio.**
- 8 - Tremolite **Tre.**
- 9 - Phlogopite **Phl.**
- 10 - Serpentine **Serp.**

### GEOCHEMISTRY

- 11 - Nickel **Ni** [ppm]
- 12 - Copper **Cu** [ppm]
- 13 - Iron **Fe** [pct]
- 14 - Gold **Au** [ppb]
- 15 - Cobalt **Co** [ppm]

### MAGNETIC SUSCEPTIBILITY

- 16 - Magnetic Susceptibility **Mag. Susc. 10<sup>-3</sup> SI** **MS**

### ROSE DIAGRAM

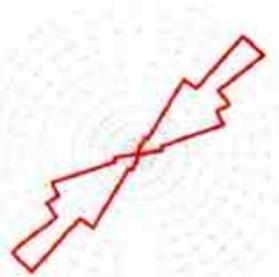
#### 2-DIMENSIONAL ORIENTATION ANALYSES

##### FRACTURES

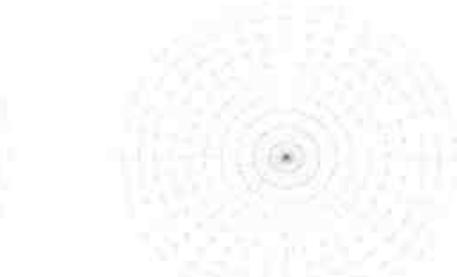
- Calculation Methode	Frequency
- Class Interval	10°
- Data Type	Bidirectional
- Population	252
- Mean	47,13°
- Standard Deviation	13,30°
- Maximum Petal	16,07 pct.
- Standard Deviation Petal	3,6 pct.

##### FOLIATION OR BEDDING

- Calculation Methode	
- Class Interval	
- Data Type	
- Population	
- Mean	
- Standard Deviation	
- Maximum Petal	
- Standard Deviation Petal	



FRACTURES



FOLIATION OR BEDDING

<b>YEAR</b>	2007		<b>Log of Borehole</b>				<b>SH</b>	
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>					
<b>HOLE ID:</b>	SH-011							
<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>	Soren Lund Jensen			
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter [asl]	<b>Drill method:</b>	Core			
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm	
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter			
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.			
<b>Dip:</b>	-50°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	4,0 meter			<input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338							
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Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-5</sup>
		Description			Po	Pn	Cp	Gph.	X		Grt.	Blu.	Tre	Phl.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
0		0-4,0m: Soil Casing																				
4	A	4,0-5,0m: Hybrid rock. M-fgrd pl-cpx rock. Appear semi- altered with a dusty colouration.		343075																		
5	H	5,0-8,2m: PXI Hybrid pyroxenite. Dark green (opx?) fgrd (chl/phi-bearing?). Sharp boundaries.																				
6				343076												67	36	5		58		
8	B	8,2-8,4m: GNI Grt-qtz-bt rock. Schistose texture. Grt est. 30% as 1-3 mm porphyrobl. Sharp boundaries.		343077					2													
9	H	8,4-10,3m: PXI Hybrid pyroxenite. Dark green (opx?) fgrd (chl/phi-bearing?). Sharp boundaries.							2													
10									2													
11	B	10,3-13,2m: GNI Grt-qtz-bt rock. Schistose texture. Grt est. 30% as 1-3 mm porphyrobl. Sharp boundaries.		343078					2							67	231	7		35		
13	E	13,2-39,0m: OPXI Mdgrd dark to blackish homogeneously matrix texture. Magmatic foliation evident in smaller intervals. PX poikiloblast occur sporadically. In this opx-dominated rock interval disseminated sulphides occur as minor net-		343079					2							252	114	9		110		
14				343080					2							377	137	11		164		
15				343081					2							525	176	13		203		
16				343082					2							612	204	13		219		



<b>YEAR</b>	2007		<b>Log of Borehole</b>			<b>SH</b>
<b>Ballangen DDH-07 SH-011</b>						
<b>Drill Date:</b>	19. Sep	<b>Location:</b>	Arnes	<b>Project manager:</b>	Søren Lund Jensen	
<b>HOLE ID:</b>	SH-011	<b>Elevation:</b>	230 meter [asl]	<b>Drill method:</b>	Core	
<b>Project:</b>	Ballangen	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b> 40,7 mm
<b>Northing:</b>	7583417	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter	
<b>Easting:</b>	581390	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.	
<b>Datum:</b>	WGS84	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>	
<b>Bearing:</b>	325°					
<b>Dip:</b>	-50°					
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338					
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Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-3</sup> SI		
				Po	Pn	Cp	Gph	X		Grt	Bi	Tr	Phl	Serp			Ni (ppm)	Cu (ppm)	Fe (pct)	Au (ppb)	Co (ppm)			
35			343092																					
36			343093																					
37			343094																					
39		F 39,0-39,6m: CPX!	343095																					
40		E 39,6-40,8m: OPX!	343096																					
41		I 40,8-41,3m: Mineralisation! Fgrd disseminated sulphides in opx matrix and as cm wide sulphide veins.	343097																					
42		E 41,3-44,8m: OPX!	343098																					
43			343099																					
44			343100																					
45		E 44,8-45,4m: OPX! Vcgrd cumulus opx-interval. Shear zone @ 45,5m associated with massive sulphide vein. Grades into cpx-dominated PX!	343101																					
46		I 45,5m: 2 cm wide sulphide vein.	343102																					
47			343103																					
48		F 47,4-51,4m: CPX! M-cgrd dark green cpx? Pyroxenite with globular sulphides interstitial to silicates. Sharp transition to PRD. Massive grt interval @ 50,2m.	343104																					
49			343105																					
50			343106																					

BOX 6

BOX 7

BOX 8



**Ballangen DDH-07 SH-011**

**Drill Date:** 19. Sep  
**HOLE ID:** SH-011  
**Project:** Ballangen  
**Northing:** 7583417  
**Easting:** 581390  
**Datum:** WGS84  
**Bearing:** 325°  
**Dip:** -50°  
**Contractor:**

**Location:** Arnes  
**Elevation:** 230 meter [asl]  
**Geologist:** Mikkel Vognsen  
**Logged by:** Mikkel Vognsen  
**Logged date:** 28. april 2008  
**Survey date:**

**Project manager:** Søren Lund Jensen  
**Drill method:** Core  
**Core:** BQ TK60/40.7 **Diameter:** 40,7 mm  
**Length:** 313,40 meter  
**Average REC/RQD:** 97,7 pct. / 93,1 pct.  
**Casing/overburden:** 4,0 meter

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem				
				Py	Pn	Cp	Gph.	X		Grt.	Blc.	Tre.	Phl.			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]
51,4-51,6m		PRDI																		
51,6-75,0m		OPX1 Mgrd dark to blackish homogeneously matrix texture. Magmatic foliation evident in smaller intervals. PX poikiloblast occur sporadically. In this opx-dominated rock interval disseminated sulphides occur as minor net-	343108													1980	351	10	152	
54			343109													1960	381	9	137	
56			343110													2030	388	9	137	
58			343111													2170	420	9	142	
60			343112													2150	397	9	143	
62			343113													2330	417	9	141	
64			343114																	
66			343115													2230	429	8	140	

BOX 9

BOX 10

<b>YEAR</b>	<b>2007</b>	<b>Log of Borehole</b>			<b>SH</b>
<b>Drill Date:</b> 19. Sep		<b>Ballangen DDH-07 SH-011</b>			
<b>HOLE ID:</b>	SH-011	<b>Location:</b>	Arnes	<b>Project manager:</b>	Søren Lund Jensen
<b>Project:</b>	Ballangen	<b>Elevation:</b>	230 meter [asl]	<b>Drill method:</b>	Core
<b>Northing:</b>	7583417	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Easting:</b>	581390	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter
<b>Datum:</b>	WGS84	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.
<b>Bearing:</b>	325°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>
<b>Dip:</b>	-50°	<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338		

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Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem						
				Po	Py	Cp	Gph	X		Grt	Blc	Tre	Phl	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]		
69			343116																	2320	426	9	142
70			343117																	2940	704	10	190
71																							
72			343118																	2320	398	9	139
73																							
74			343119																	2510	486	8	142
75		A 75,0-75,2m: Shear zone. I 75,2-81,2m: OPX!											10 20 30 20 10										
76			343120																	2600	440	8	140
77																							
78			343121																	2620	405	8	133
79																							
80			343122																	2220	304	7	115
81																							
82		A 81,2-82,2m: Alteration. I 82-83,7m: OPX!											20 40 40 20 10										
83			343123																	2460	384	8	131
84																							
84		A 83,7-86,3m: Alteration.											10 70 80 80 80 80										
84			343124																	2120	265	6	101



<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>		
<b>HOLE ID:</b>	SH-011				
<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.
<b>Dip:</b>	-50°	<b>Survey date:</b>		<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautøkeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
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Depth	Lithology	SUBSURFACE Description	Sample no. ½	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 % ST
				Po	Pn	Cp	Gph.	X		Gt.	Bi.	Tr.	Ph.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
102			343133					1								1520	262	9	146		
103								1													
104			343134					1								1250	437	8	198		
105		E 104,8-109,1m: OPX  Shear zone fractured opx-dominated pyroxenite. Fragmental RQD.						1												BOX 17	
106			343135													400	246	6	135		
107																					
108			343136													257	152	5	88		
109		E 109,1-112,2m: OPX  Opx-dominated PX interval, characterised by a dark gray- to black mdgrd opx. Phaneritic. Homogeneously matrix texture. Opx poikiloblasts.																			
110			343137													264	99	6	75	BOX 18	
111																					
112		A 112,2-113,0: Shear zone.	343138													326	108	6	71		
113		E 113,0-127,5m: OPX																			
114			343139													365	109	6	74		
115																					
116			343140																	BOX 19	
117																					
118			343141													754	171	7	96		
119																					

<b>YEAR</b>	2007		<b>Log of Borehole</b>				<b>SH</b>
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>				
<b>HOLE ID:</b>	SH-011						
<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>		Soren Lund Jensen	
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter [asi]	<b>Drill method:</b>		Core	
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>		BQ TK60/40.7	<b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>		313,40 meter	
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>		97,7 pct. / 93,1 pct.	
<b>Dip:</b>	-50°	<b>Survey date:</b>	-	<b>by:</b>		<b>Casing/overburden:</b> 4,0 meter <input type="checkbox"/>	
<b>Contractor:</b>	Diamantboring Nørd AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>							

Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-1</sup> SI
				Po	Pn	Cp	Gph	X		Gt.	Bl.	Tr.	Phi.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
120			343142													900	147	8		113	
122			343143													456	122	6		102	BOX 20
124			343144													1280	146	8		107	
126			343145													1130	179	7		116	
127,5-129,0m		Very cgrd cumulus section.																			BOX 21
128			343146													1440	167	9		121	
129,0-176,0m		Cpx: The upper 0,5m is very cgrd. Grades into a f-mdgrd apple green phanitic cpx-dominated PX. The cpx show pronounced preferred orientation. Only traces of fgrd disseminated sulphides. Pin head size.						tr													
130			343147					tr								1500	141	8		97	
132			343148													485	162	8		119	
134			343149													551	182	9		144	BOX 22

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>		
<b>HOLE ID:</b>	SH-011				
<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vagnsen	<b>Length:</b>	313,40 meter
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.
<b>Dip:</b>	-50°	<b>Survey date:</b>		<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem				
				Py.	Pn.	Cp.	Gph.	X.		Gt.	Bo.	Tr.	Pl.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]
137			343150													401	121	8	110	
138			343151													355	98	8	101	
139																				
140			343152													324	100	8	96	
141			343153													1090	511	11	267	
142			343154													367	72	7	97	
143																				
144			343155													316	64	7	80	
145																				
146			343156													370	69	7	81	
147																				
148			343157													372	69	7	82	
149																				
150			343158																	
151																				
152			343159													346	75	6	82	

BOX 23

BOX 24

BOX 25

<b>YEAR</b>	2007		<b>Log of Borehole</b>			<b>SH</b>
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>			
<b>HOLE ID:</b>	SH-011					
<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>	Soren Lund Jensen	
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter [asl]	<b>Drill method:</b>	Core	
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter	
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.	
<b>Dip:</b>	-50°	<b>Survey date:</b>		<b>by:</b>		
<b>Contractor:</b>	Diamantboring Nord AS, P.O Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338			<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>	

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct	Dip angle degree	Geochem					Mag Subc. 10 St
				Po	Pn	Cp	Gph	X		Ch	Bo	Tr	PH			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
154			343160													362	66	6		61	
156			343161													452	117	7		66	BOX 26
158			343162													386	96	6		61	
160			343163													493	119	7		68	
162			343164													474	77	6		64	BOX 27
164			343165													846	255	8		146	
165			343166													612	150	7		72	
167			343167																		BOX 28
169			343168													666	153	6		64	

<b>YEAR</b>	<b>2007</b>	<b>Log of Borehole</b>				<b>SH</b>	
<b>Drill Date:</b>	19. Sep	<b>Ballangen DDH-07 SH-011</b>					
<b>HOLE ID:</b>	SH 011	<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter (asl)	<b>Drill method:</b>	Core	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	313,40 meter	<b>Length:</b>	313,40 meter
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.	<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Survey date:</b>		<b>by:</b>	
<b>Dip:</b>	-50°	<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>							

Depth	Lithology	SUBSURFACE Description	Sample no. %	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-5</sup> SI
				Po	Py	Cp	Gph	X		Chl	Blc	Tre	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
171			343169													674	153	6		63	
173			343170													916	224	6		73	BOX 29
175			343171													986	201	6		77	
176		E 176,0-191,8m: Opx f-mgdgd homogeneous texture. Opx poikiloblasts (1-2 cm). Traces of f-mgdgd disseminated sulphides, minor net texture. NOT similar to superjacent sulphides in CPX unit. The transition from the superjacent CPX unit is characterised by 10-20 cm intervals of interbedding of opx and f-mgdgd.	343172													1590	298	8		111	
179			343173													1720	254	8		109	BOX 30
181			343174													1930	256	8		121	
183			343175													2000	258	8		119	
185			343176													1960	249	8		125	BOX 31

<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>	
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>			
<b>HOLE ID:</b>	SH-011		<b>Location:</b>	Arnes	<b>Project manager:</b>	Soren Lund Jensen
<b>Project:</b>	Ballangen		<b>Elevation:</b>	230 meter (asl)	<b>Drill method:</b>	Core
<b>Northing:</b>	7583417		<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Easting:</b>	581390		<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter
<b>Datum:</b>	WGS84		<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.
<b>Bearing:</b>	325°		<b>Survey date:</b>	-	<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>
<b>Dip:</b>	-50°					
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338					

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 % ST
				Pb	Pn	Cp	Gph	X		Grt	Blu	Trc	Phl			Serp	Ni (ppm)	Cu (ppm)	Fe (pct)	Au (ppb)	
187			343177													2230	303	8		119	
188																					
189			343178													2540	335	8		123	
190																				BOX 32	
191			343179													2150	231	8		109	
192		A 191,8-192,2m: NO! Norite pegmatite. B 192,2-198,9m: OPX!																			
193			343180													2050	233	8		111	
194																					
195			343181																	BOX 33	
196																					
197			343182													2500	318	8		121	
198																					
199		A 198,9-199,0m: Felsic vein with extensive alteration in adjacent mafic - ultramafic rock. B 199,0-202,2m: OPX!	343183								20					2540	290	8		120	
200																					
201			343184													2380	275	8		114	
202		A 202,2m: Shearzone. B 202,2-207,2m: OPX!									20	2									
203			343185								30	20									
204											20	2				2600	288	8		116	

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>		
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>				
<b>HOLE ID:</b>	SH-011		<b>Location:</b>	Arnes	<b>Project manager:</b>	Soren Lund Jensen	
<b>Project:</b>	Ballangen	<b>Elevation:</b>	230 meter (asl)	<b>Drill method:</b>	Core		
<b>Northing:</b>	7583417	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Easting:</b>	581390	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter		
<b>Datum:</b>	WGS84	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.		
<b>Bearing:</b>	325°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	4,0 meter		
<b>Dip:</b>	-50°	<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338					
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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem				Mag Susc. 10 151
				Po	Pn	Cp	Gph	X		Gt	Bio	Tre	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	
205			343186													2630	282	8	108	
207		E 207,2-208,4m: Very cgrd opx cumulus interval.	343187													1990	281	8	112	BOX 35
209		F 208,4-209,4m: CPXl F-mgrd cpx>opx PX Schistose texture. I 208,8m: Mineralisation! Sulphide vein in schistose cpx rock. E 209,4-240,4m: OPXl Dark gray - dark green opx-cpx rock. F-mdgrd homog. Textured rock. Preferred orientated px needles. Grades into subjacent cpx-dominated pyroxenite. Traces of fgrd pin head size disseminated sulphides.	343188					tr								415	245	7	132	
211			343189					tr								403	224	7	133	
213			343190					tr								332	210	7	125	
215			343191					tr								310	189	7	123	
217			343192					tr								305	192	6	112	
219			343193					tr								335	157	6	113	BOX 36
220								tr												BOX 37



<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>		
<b>HOLE ID:</b>	SH-011				
<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.
<b>Dip:</b>	-50°	<b>Survey date:</b>		<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct	Dip angle degree	Geochem					Mag Subc 10 SI			
				Po	Pn	Ch	Gph	X		Chl.	Blu.	Tre.	Phl.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]				
239			343203																						
240																									
241	F	240,4-253,1m: CPXl Apple green mdgrd pyroxenite with pronounced preferred orientated needles.	343204																						BOX 41
242																									
243			343205																						
244																									
245			343206																						
246																									
247			343207																						BOX 42
248																									
249			343208																						
250																									
251			343209																						
252																									BOX 43
253			343210																						
254	F	253,1-265,0m: CPXl Dusty beige pyroxenite. Sharp intrusive contact to superjacent cpx unit. No alteration associated with cpx-opx transition. Mdgrd pronounced preferred orientated px needles.																							
255																									

<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>			<b>SH</b>	
<b>Drill Date:</b>	19. Sep		<b>Ballangen DDH-07 SH-011</b>				
<b>HOLE ID:</b>	SH-011		<b>Location:</b>	Arnes		<b>Project manager:</b>	Søren Lund Jensen
<b>Project:</b>	Ballangen		<b>Elevation:</b>	230 meter (asl)		<b>Drill method:</b>	Core
<b>Northing:</b>	7583417		<b>Geologist:</b>	Mikkel Vognsen		<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Easting:</b>	581390		<b>Logged by:</b>	Mikkel Vognsen		<b>Length:</b>	313,40 meter
<b>Datum:</b>	WGS84		<b>Logged date:</b>	28. april 2008		<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.
<b>Bearing:</b>	325°		<b>Survey date:</b>			<b>Casing/overburden:</b>	4,0 meter <input type="checkbox"/>
<b>Dip:</b>	-50°						
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						

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Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-5</sup> SI
				Pb	Ph.	Cp	Gph	X		Grt.	Bl.	Tr.	Ph.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
256			343211											99		731	95	6		75	
257			343212											99		781	138	6		71	BOX 44
259			343213											99		1065	156	6		77	
261			343214											99		1190	184	6		75	
263			343215											99		1060	175	6		72	BOX 45
265		F 265,0-266,4m: CPX! Relative sharp transition to apple-green cpx.	343216											99		490	275	7		78	
267		F 266,4-271,8m: CPX! Cpx dominated pyroxenite with opx spots. Spotted appearance. Pronounced preferred orientated px needles. Mdgrd.	343217											99		968	190	7		77	
268														99							BOX 46
269			343218											99		971	205	7		82	
271			343219											99		1145	229	7		80	
272		G 271,8-300,5m: PRD! Dark to blackish mdgrd opx.												99							

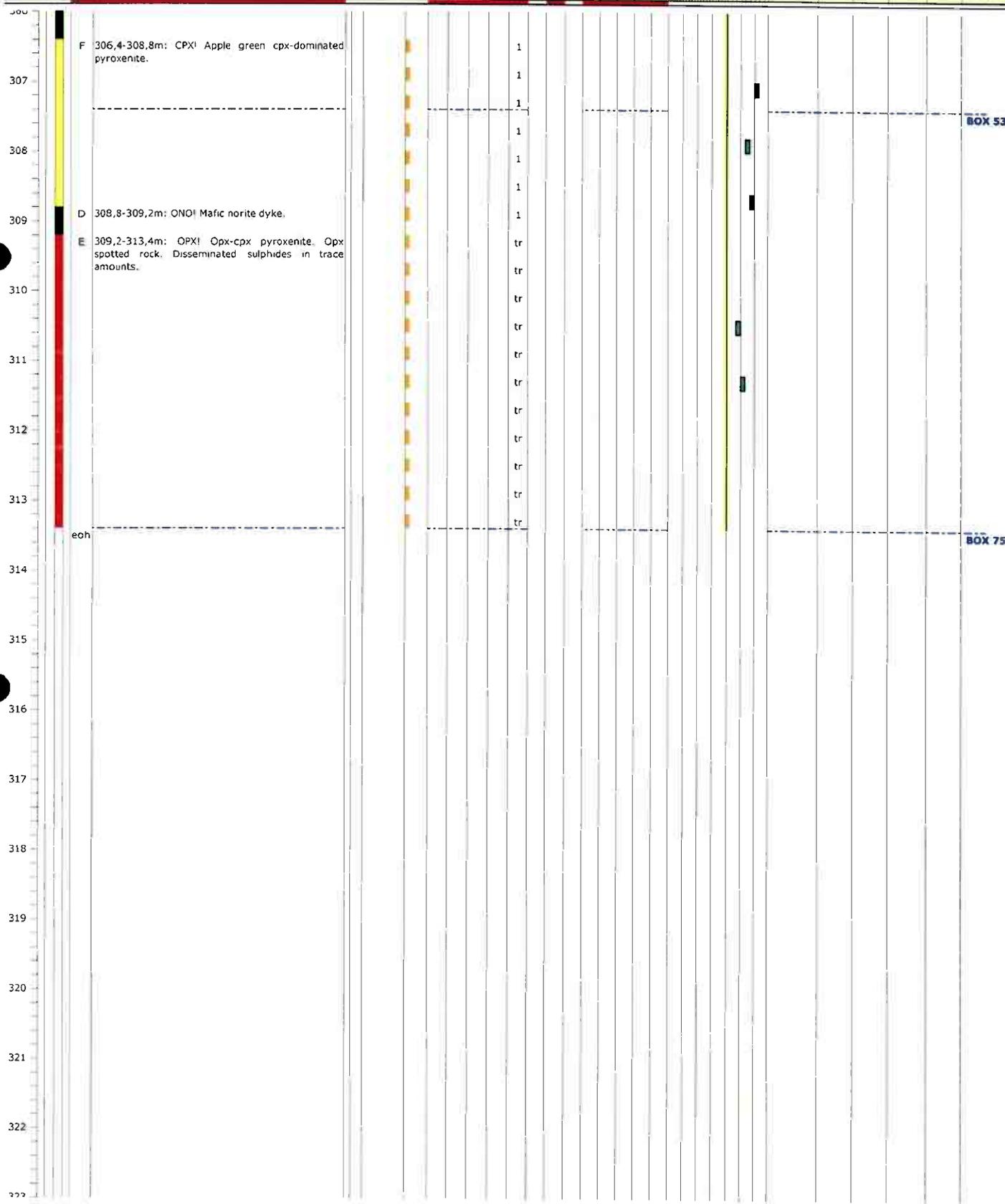




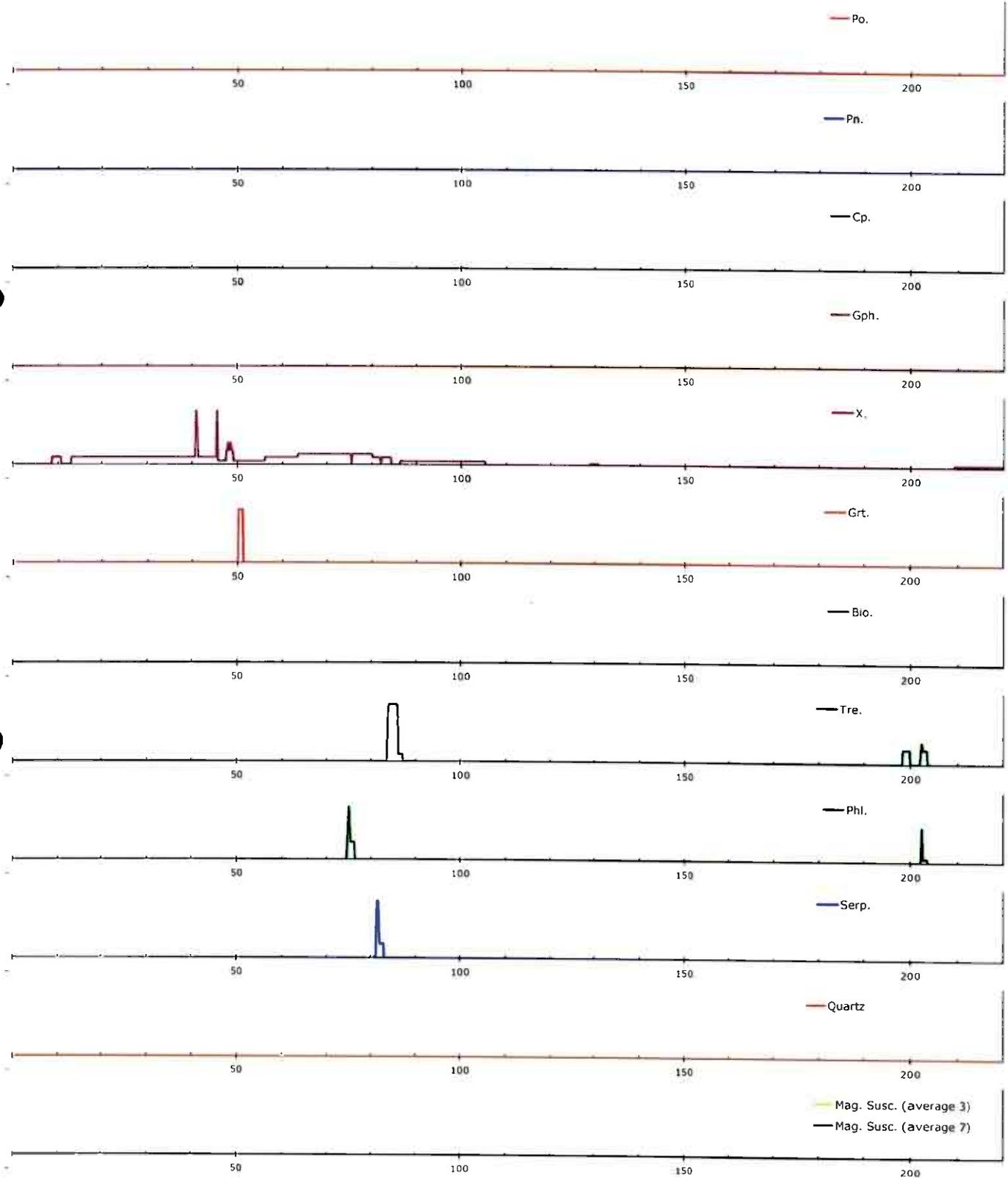
<b>YEAR</b>	2007		<b>Log of Borehole</b> <b>Ballangen DDH-07 SH-011</b>			
<b>Drill Date:</b>	19. Sep					
<b>HOLE ID:</b>	SH-011					
<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>	Søren Lund Jensen	
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter [asl]	<b>Drill method:</b>	Core	
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter	
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.	
<b>Dip:</b>	-50°	<b>Survey date:</b>	-	<b>by:</b>	-	
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338					

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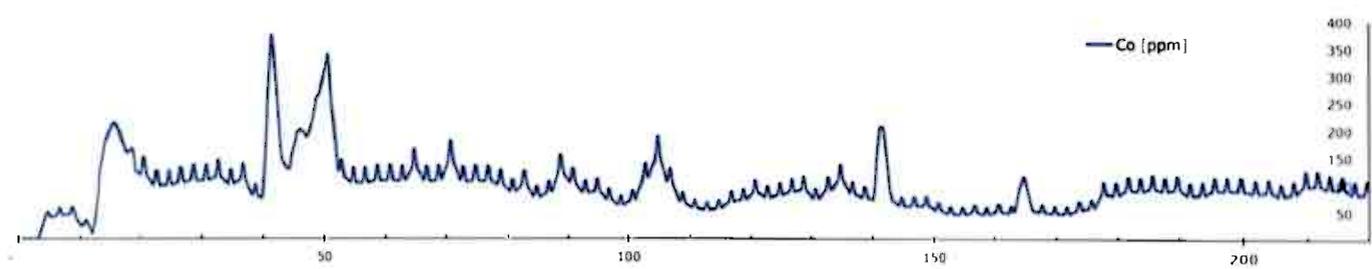
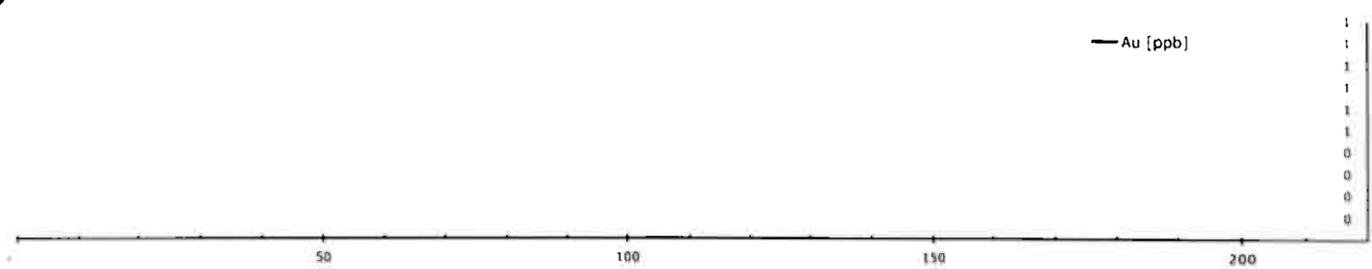
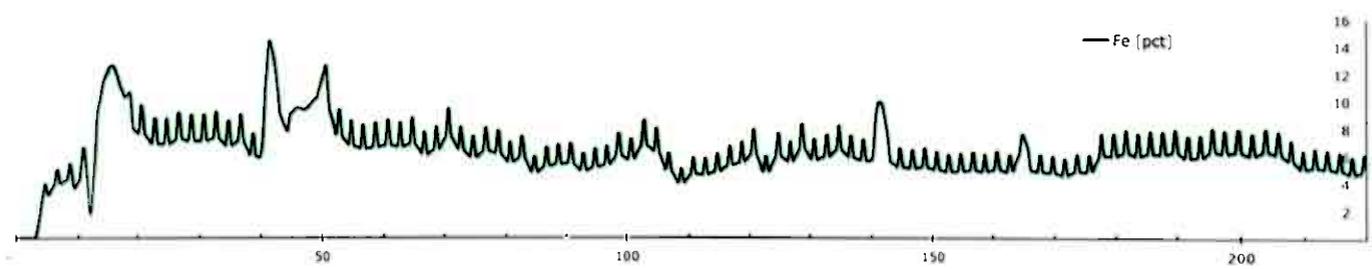
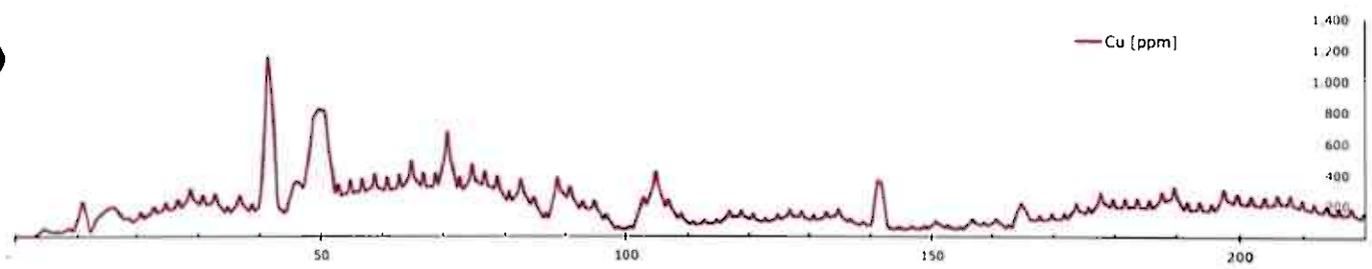
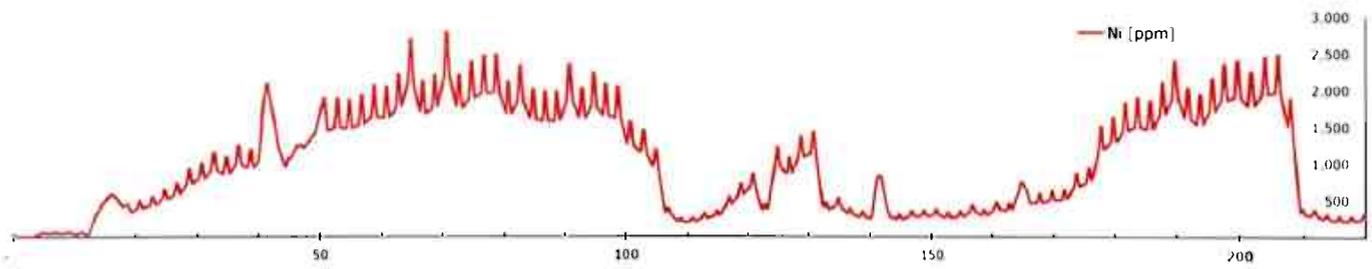
Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc 10 <sup>-3</sup> SI
				Po.	Pn.	Cp.	Gph.	X.		Grt.	Bl.	Tr.	Pl.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	



YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b>	19 September	<b>Ballangen DDH-07 SH-011</b>					
<b>HOLE ID:</b>	SH-011						
<b>Project:</b>	Ballangen	<b>Location:</b>	Arnes	<b>Project manager:</b>	Søren Lund Jensen		
<b>Northing:</b>	7583417	<b>Elevation:</b>	230 meter [asl]	<b>Drill method:</b>	Core		
<b>Easting:</b>	581390	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	313,40 meter		
<b>Bearing:</b>	325°	<b>Logged date:</b>	28. april 2008	<b>Average REC/RQD:</b>	97,7 pct. / 93,1 pct.		
<b>Dip:</b>	-50°	<b>Survey date:</b>	-	<b>by:</b>	-	<b>Casing/overburden:</b>	4,0 meter
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokemo, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
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YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b> 19 September				<b>HOLE ID:</b> SH-011			
<b>Project:</b> Ballangen		<b>Location:</b> Arnes		<b>Project manager:</b> Søren Lund Jensen			
<b>Northing:</b> 7583417		<b>Elevation:</b> 230 meter [asl]		<b>Drill method:</b> Core			
<b>Easting:</b> 581390		<b>Geologist:</b> Mikkel Vognsen		<b>Core:</b> BQ TK60/40.7		<b>Diameter:</b> 40,7 mm	
<b>Datum:</b> WGS84		<b>Logged by:</b> Mikkel Vognsen		<b>Length:</b> 313,40 meter			
<b>Bearing:</b> 325°		<b>Logged date:</b> 28. april 2008		<b>Average REC/RQD:</b> 97,7 pct. / 93,1 pct.			
<b>Dip:</b> -50°		<b>Survey date:</b> -		<b>by:</b> -		<b>Casing/overburden:</b> 4,0 meter	
<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338							
Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54							



**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 313 meter  
**Casing/Overburden** 4.0 meter

**BOX 1** 6,98 m **GOOD**

**Date:** 4,00 - to - 10,98  
**DIP ANGLE**

**RECOVERY**  
**Total** **Solid** **Modified**  
 [cm] [cm] [cm]

REC		RQD	Degrees from horizontal	
90,1	78,5	76,1		
20,00		20,00	1. Row	52°
10,00		10,00	2. Row	41°
10,00		10,00	3. Row	41°
8,00	NI		4. Row	18°
27,00		27,00	5. Row	45°
6,00			6. Row	25°
8,00			7. Row	32°
5,00	NI			
20,00	NI			

**Magnetic Susceptibility**

13,00		13,00	1. Row	
49,00		49,00	2. Row	
35,00	NI		3. Row	
5,00	NI		4. Row	
18,00		18,00	5. Row	
31,00		31,00	6. Row	
10,00		10,00	7. Row	
25,00		25,00		
8,00	NI			
41,00		41,00		
18,00		18,00		
23,00		23,00		
45,00		45,00		

**Measurement at**

3,00			1. Row	4,50 m
95,00		95,00	2. Row	5,50 m
38,00		38,00	3. Row	6,49 m
58,00		58,00	4. Row	7,49 m
			5. Row	8,49 m
			6. Row	9,48 m
			7. Row	10,48 m

**BOX 2** 6,48 m **EXCELLENT**

<b>Date:</b> 10,98 - to - 17,46			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,9	RQD	Degrees from horizontal
99,8		97,2	
97,00		97,00	1. Row
98,00		98,00	2. Row 70°
6,00	NI		3. Row 60°
32,00		32,00	4. Row 28°
17,00		17,00	5. Row 30°
22,00		22,00	6. Row 30°
6,00			7. Row
5,00			
94,00		94,00	
60,00		60,00	
31,00		31,00	
94,00		94,00	
85,00		85,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	11,44 m
2. Row	12,37 m
3. Row	13,29 m
4. Row	14,22 m
5. Row	15,15 m
6. Row	16,07 m
7. Row	17,00 m

**BOX 3** 6,59 m **EXCELLENT**

<b>Date:</b> 17,46 - to - 24,05			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,7	RQD	Degrees from horizontal
99,7		98,9	
99,00		99,00	1. Row 52°
97,00		97,00	2. Row 68°
23,00		23,00	3. Row
74,00		74,00	4. Row 62°
98,00		98,00	5. Row 45°
40,00		40,00	6. Row 47°
42,00		42,00	7. Row 58°
14,00		14,00	
30,00		30,00	
5,00			
55,00		55,00	
80,00		80,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	17,93 m
2. Row	18,87 m
3. Row	19,81 m
4. Row	20,76 m
5. Row	21,70 m
6. Row	22,64 m
7. Row	23,58 m

**BOX 4**      6,61 m      EXCELLENT

<b>Date:</b> 24,05 - to - 30,66			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
99,5	97,7	97,7		
98,00		98,00	1. Row	42°
42,00		42,00	2. Row	42°
48,00		48,00	3. Row	34°
93,00		93,00	4. Row	
94,00		94,00	5. Row	
69,00		69,00	6. Row	23°
27,00		27,00	7. Row	
12,00	NI			
81,00		81,00		
94,00		94,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	24,52 m
2. Row	25,47 m
3. Row	26,41 m
4. Row	27,36 m
5. Row	28,30 m
6. Row	29,24 m
7. Row	30,19 m

**BOX 5**      6,72 m      EXCELLENT

<b>Date:</b> 30,66 - to - 37,38			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
99,9	99,9	99,9		
92,00		92,00	1. Row	30°
13,00		13,00	2. Row	45°
98,00		98,00	3. Row	
98,00		98,00	4. Row	
94,00		94,00	5. Row	68°
100,00		100,00	6. Row	
98,00		98,00	7. Row	
78,00		78,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	31,14 m
2. Row	32,10 m
3. Row	33,06 m
4. Row	34,02 m
5. Row	34,98 m
6. Row	35,94 m
7. Row	36,90 m

**BOX 6** 6,54 m **EXCELLENT**

<b>Date:</b> 37,38 - to - 43,92			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	98,5	RQD	98,5	Degrees from horizontal
11,00		11,00		1. Row
82,00		82,00		2. Row 35°
92,00		92,00		3. Row
90,00		90,00		4. Row 50°
35,00		35,00		5. Row 25°
54,00		54,00		6. Row 28°
26,00		26,00		7. Row 20°
66,00		66,00		
23,00		23,00		
55,00		55,00		
16,00		16,00		
53,00		53,00		
41,00		41,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	37,85 m
2. Row	38,78 m
3. Row	39,72 m
4. Row	40,65 m
5. Row	41,58 m
6. Row	42,52 m
7. Row	43,45 m

**BOX 7** 6,64 m **EXCELLENT**

<b>Date:</b> 43,92 - to - 50,56			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	99,4	RQD	99,4	Degrees from horizontal
96,00		96,00		1. Row 32°
98,00		98,00		2. Row 48°
38,00		38,00		3. Row 50°
57,00		57,00		4. Row 30°
96,00		96,00		5. Row 46°
93,00		93,00		6. Row 47°
64,00		64,00		7. Row 78°
28,00		28,00		
90,00		90,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	44,39 m
2. Row	45,34 m
3. Row	46,29 m
4. Row	47,24 m
5. Row	48,19 m
6. Row	49,14 m
7. Row	50,09 m

**BOX 8**      6,65 m      EXCELLENT

<b>Date:</b> 50,56 - to - 57,21			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	100,0	100,0	RQD	99,4	Degrees from horizontal
94,00			94,00		1. Row 31°
92,00			92,00		2. Row 46°
4,00					3. Row 70°
91,00			91,00		4. Row 75°
98,00			98,00		5. Row 65°
97,00			97,00		6. Row
18,00			18,00		7. Row 42°
77,00			77,00		
94,00			94,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	51,04 m
2. Row	51,99 m
3. Row	52,94 m
4. Row	53,89 m
5. Row	54,84 m
6. Row	55,79 m
7. Row	56,74 m

**BOX 9**      6,81 m      EXCELLENT

<b>Date:</b> 57,21 - to - 64,02			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	99,9	99,9	RQD	99,9	Degrees from horizontal
96,00			96,00		1. Row 67°
35,00			35,00		2. Row
60,00			60,00		3. Row
100,00			100,00		4. Row 45°
100,00			100,00		5. Row
39,00			39,00		6. Row
55,00			55,00		7. Row 40°
97,00			97,00		
98,00			98,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	57,70 m
2. Row	58,67 m
3. Row	59,64 m
4. Row	60,62 m
5. Row	61,59 m
6. Row	62,56 m
7. Row	63,53 m

**BOX 10** 6,77 m EXCELLENT

<b>Date:</b> 64,02 - to - 70,79			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	98,5	98,5	RQD	98,5	Degrees from horizontal
47,00			47,00		1. Row 50°
47,00			47,00		2. Row 51°
96,00			96,00		3. Row 50°
97,00			97,00		4. Row 60°
43,00			43,00		5. Row 30°
50,00			50,00		6. Row 38°
93,00			93,00		7. Row
54,00			54,00		
43,00			43,00		
97,00			97,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	64,50 m
2. Row	65,47 m
3. Row	66,44 m
4. Row	67,41 m
5. Row	68,37 m
6. Row	69,34 m
7. Row	70,31 m

**BOX 11** 5,77 m EXCELLENT

<b>Date:</b> 70,79 - to - 76,56			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	97,4	93,9	92,7	RQD	Degrees from horizontal
98,00				98,00	1. Row 55°
75,00				75,00	2. Row
16,00				16,00	3. Row
96,00				96,00	4. Row 45°
96,00				96,00	5. Row 42°
9,00				9,00	6. Row 37°
7,00					7. Row
20,00	NI				
50,00				50,00	
95,00				95,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	71,20 m
2. Row	72,03 m
3. Row	72,85 m
4. Row	73,68 m
5. Row	74,50 m
6. Row	75,32 m
7. Row	76,15 m

**BOX 12** 5,83 m **EXCELLENT**

<b>Date:</b> 76,56 - to - 82,39			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	90,2	RQD	Degrees from horizontal
97,1		96,00	1. Row
96,00	NI		2. Row 33°
40,00		48,00	3. Row
48,00		97,00	4. Row 33°
97,00		95,00	5. Row 46°
95,00		73,00	6. Row
73,00		22,00	7. Row
22,00		95,00	
95,00			

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	76,98 m
2. Row	77,81 m
3. Row	78,64 m
4. Row	79,48 m
5. Row	80,31 m
6. Row	81,14 m
7. Row	81,97 m

**BOX 13** 5,71 m **GOOD**

<b>Date:</b> 82,39 - to - 88,10			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	89,8	RQD	Degrees from horizontal
97,9		97,00	1. Row 75°
97,00		90,00	2. Row 42°
21,00	NI		3. Row 25°
70,00		70,00	4. Row
20,00	NI		5. Row 82°
8,00			6. Row 45°
36,00		36,00	7. Row
13,00		13,00	
11,00		11,00	
5,00	NI		
92,00		92,00	
96,00		96,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	82,80 m
2. Row	83,61 m
3. Row	84,43 m
4. Row	85,25 m
5. Row	86,06 m
6. Row	86,88 m
7. Row	87,69 m

**BOX 14** 5,63 m **EXCELLENT**

<b>Date:</b> 88,10 - to - 93,73			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,6	99,6	RQD 99,6	Degrees from horizontal	
48,00		48,00	1. Row	55°
14,00		14,00	2. Row	
31,00		31,00	3. Row	67°
95,00		95,00	4. Row	
68,00		68,00	5. Row	14°
13,00		13,00	6. Row	
97,00		97,00	7. Row	
97,00		97,00		
98,00		98,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	88,50 m
2. Row	89,31 m
3. Row	90,11 m
4. Row	90,92 m
5. Row	91,72 m
6. Row	92,52 m
7. Row	93,33 m

**BOX 15** 5,95 m **EXCELLENT**

<b>Date:</b> 93,73 - to - 99,68			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 95,6	95,6	RQD 93,8	Degrees from horizontal	
7,00			1. Row	62°
86,00		86,00	2. Row	60°
98,00		98,00	3. Row	25°
98,00		98,00	4. Row	62°
25,00		25,00	5. Row	31°
4,00			6. Row	
61,00		61,00	7. Row	
94,00		94,00		
96,00		96,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	94,16 m
2. Row	95,01 m
3. Row	95,86 m
4. Row	96,71 m
5. Row	97,56 m
6. Row	98,41 m
7. Row	99,26 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 313 meter  
**Casing/Overburden** 4,0 meter

**BOX 16** 5,17 m **GOOD**

**Date:** 99,68 - to - 104,85  
**DIP ANGLE**  
**RECOVERY**  
**Total** **Solid** **Modified**  
 [cm] [cm] [cm]  
**Fractures**  
**Foliation or bedding**

REC	RQD	Degrees from horizontal
99,4	80,9	75,0
71,00		71,00
14,00		14,00
100,00		100,00
10,00	NI	
48,00		48,00
9,00		9,00
4,00		
6,00		
9,00		9,00
90,00		90,00
35,00	NI	
8,00		
5,00		
15,00	NI	
15,00		15,00
10,00		10,00
12,00		12,00
20,00	NI	
16,00	NI	
10,00		10,00
7,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	100,05 m
2. Row	100,79 m
3. Row	101,53 m
4. Row	102,27 m
5. Row	103,00 m
6. Row	103,74 m
7. Row	104,48 m

**BOX 17** 5,45 m **FAIR**

<b>Date:</b> 104,85 - to - 110,30			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal	
97,2	64,2	55,2		
12,00	NI		1. Row	60°
6,00			2. Row	35°
9,00		9,00	3. Row	32°
7,00			4. Row	38°
20,00	NI		5. Row	62°
8,00			6. Row	40°
2,00			7. Row	
12,00		12,00		
16,00	NI			
30,00	NI			
9,00		9,00		
4,00				
30,00		30,00		
5,00	NI		1. Row	
25,00	NI		2. Row	
25,00		25,00	3. Row	
16,00		16,00	4. Row	
8,00			5. Row	
16,00		16,00	6. Row	
33,00		33,00	7. Row	
30,00	NI			
20,00	NI			
12,00		12,00		
11,00		11,00		
6,00				
8,00				
2,00	NI		1. Row	105,24 m
12,00		12,00	2. Row	106,02 m
52,00		52,00	3. Row	106,80 m
16,00		16,00	4. Row	107,58 m
28,00		28,00	5. Row	108,35 m
20,00		20,00	6. Row	109,13 m
20,00	NI		7. Row	109,91 m

**Magnetic Susceptibility**

**Measurement at**

**BOX 18** 5,85 m **GOOD**

<b>Date:</b> 110,30 - to - 116,15			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal	
92,3	79,0	79,0		
20,00		20,00	1. Row	
20,00	NI		2. Row	35°
51,00		51,00	3. Row	52°
34,00		34,00	4. Row	60°
10,00		10,00	5. Row	60°
30,00		30,00	6. Row	18°
21,00		21,00	7. Row	
38,00	NI			
20,00	NI			
12,00		12,00		
10,00		10,00		
15,00		15,00		
13,00		13,00		
59,00		59,00	1. Row	
97,00		97,00	2. Row	
20,00		20,00	3. Row	
70,00		70,00	4. Row	
			5. Row	
			6. Row	
			7. Row	

**Magnetic Susceptibility**

**Measurement at**

**BOX 19**      5,73 m      EXCELLENT

<b>Date:</b> 116,15 - to - 121,88			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	99,3	RQD 99,3	Degrees from horizontal	
92,00		92,00	1. Row	30°
95,00		95,00	2. Row	42°
100,00		100,00	3. Row	43°
100,00		100,00	4. Row	60°
97,00		97,00	5. Row	
13,00		13,00	6. Row	55°
72,00		72,00	7. Row	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      116,56 m
- 2. Row      117,38 m
- 3. Row      118,20 m
- 4. Row      119,02 m
- 5. Row      119,83 m
- 6. Row      120,65 m
- 7. Row      121,47 m

**BOX 20**      5,62 m      EXCELLENT

<b>Date:</b> 121,88 - to - 127,50			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,8	99,8	RQD 99,8	Degrees from horizontal	
58,00		58,00	1. Row	
38,00		38,00	2. Row	55°
97,00		97,00	3. Row	55°
95,00		95,00	4. Row	
76,00		76,00	5. Row	45°
18,00		18,00	6. Row	50°
94,00		94,00	7. Row	
85,00		85,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      122,28 m
- 2. Row      123,08 m
- 3. Row      123,89 m
- 4. Row      124,69 m
- 5. Row      125,49 m
- 6. Row      126,30 m
- 7. Row      127,10 m

**BOX 21**      5,76 m      EXCELLENT

Date: 127,50 - to - 133,26  
**DIP ANGLE**  
**RECOVERY**  
 Total      Solid      Modified  
 [cm]      [cm]      [cm]

REC	RQD	Degrees from horizontal
94,1	94,1	94,1
94,00	94,00	1. Row 52°
99,00	99,00	2. Row 45°
91,00	91,00	3. Row 50°
13,00	13,00	4. Row 45°
83,00	83,00	5. Row 30°
89,00	89,00	6. Row 57°
73,00	73,00	7. Row

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 127,91 m  
 2. Row 128,73 m  
 3. Row 129,56 m  
 4. Row 130,38 m  
 5. Row 131,20 m  
 6. Row 132,03 m  
 7. Row 132,85 m

**BOX 22**      5,52 m      EXCELLENT

Date: 133,26 - to - 138,78  
**DIP ANGLE**  
**RECOVERY**  
 Total      Solid      Modified  
 [cm]      [cm]      [cm]

REC	RQD	Degrees from horizontal
99,8	99,8	98,4
74,00	74,00	1. Row 30°
18,00	18,00	2. Row 45°
94,00	94,00	3. Row 56°
8,00		4. Row 43°
79,00	79,00	5. Row 30°
53,00	53,00	6. Row 35°
40,00	40,00	7. Row
57,00	57,00	
38,00	38,00	
90,00	90,00	

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 133,65 m  
 2. Row 134,44 m  
 3. Row 135,23 m  
 4. Row 136,02 m  
 5. Row 136,81 m  
 6. Row 137,60 m  
 7. Row 138,39 m

**BOX 23** 5,60 m **EXCELLENT**

<b>Date:</b> 138,78 - to - 144,38			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,5	RQD	98,0	Degrees from horizontal
68,00		68,00		1. Row 68°
27,00		27,00		2. Row 45°
88,00		88,00		3. Row 52°
95,00		95,00		4. Row 38°
8,00				5. Row 30°
87,00		87,00		6. Row
36,00		36,00		7. Row
58,00		58,00		
90,00		90,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	139,18 m
2. Row	139,98 m
3. Row	140,78 m
4. Row	141,58 m
5. Row	142,38 m
6. Row	143,18 m
7. Row	143,98 m

**BOX 24** 5,62 m **EXCELLENT**

<b>Date:</b> 144,38 - to - 150,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,6	96,8	RQD	95,9	Degrees from horizontal
51,00			51,00		1. Row 50°
10,00	NI				2. Row 45°
30,00			30,00		3. Row 40°
12,00			12,00		4. Row
5,00					5. Row 45°
77,00			77,00		6. Row
91,00			91,00		7. Row
94,00			94,00		
30,00			30,00		
60,00			60,00		
94,00			94,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	144,78 m
2. Row	145,58 m
3. Row	146,39 m
4. Row	147,19 m
5. Row	147,99 m
6. Row	148,80 m
7. Row	149,60 m

**BOX 25** 5,62 m **EXCELLENT**

<b>Date:</b> 150,00 - to - 155,62			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 98,9	98,9	RQD 98,9	Degrees from horizontal
96,00		96,00	1. Row
48,00		48,00	2. Row
42,00		42,00	3. Row
12,00		12,00	4. Row
79,00		79,00	5. Row
93,00		93,00	6. Row
65,00		65,00	7. Row
30,00		30,00	
26,00		26,00	
65,00		65,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	150,40 m
2. Row	151,20 m
3. Row	152,01 m
4. Row	152,81 m
5. Row	153,61 m
6. Row	154,42 m
7. Row	155,22 m

**BOX 26** 5,79 m **EXCELLENT**

<b>Date:</b> 155,62 - to - 161,41			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	98,4	RQD 93,8	Degrees from horizontal
5,00	NI		1. Row 60°
5,00			2. Row 61°
87,00		87,00	3. Row 32°
90,00		90,00	4. Row 45°
5,00			5. Row 45°
5,00			6. Row 52°
11,00		11,00	7. Row
82,00		82,00	
95,00		95,00	
95,00		95,00	
7,00			
83,00		83,00	
5,00			

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	156,03 m
2. Row	156,86 m
3. Row	157,69 m
4. Row	158,52 m
5. Row	159,34 m
6. Row	160,17 m
7. Row	161,00 m

**BOX 27** 5,71 m **GOOD**

<b>Date:</b> 161,41 - to - 167,12			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	82,8	RQD	81,4	Degrees from horizontal
57,00		57,00		1. Row
39,00		39,00		2. Row
15,00		15,00		3. Row
79,00		79,00		4. Row
8,00				5. Row
89,00		89,00		6. Row
50,00		50,00		7. Row
45,00		45,00		
78,00		78,00		
13,00		13,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	161,82 m
2. Row	162,63 m
3. Row	163,45 m
4. Row	164,27 m
5. Row	165,08 m
6. Row	165,90 m
7. Row	166,71 m

**BOX 28** 5,53 m **EXCELLENT**

<b>Date:</b> 167,12 - to - 172,65			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,8	RQD	99,8	Degrees from horizontal
91,00		91,00		1. Row
95,00		95,00		2. Row 64°
13,00		13,00		3. Row 70°
79,00		79,00		4. Row 60°
95,00		95,00		5. Row 60°
94,00		94,00		6. Row 62°
47,00		47,00		7. Row
38,00		38,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	167,52 m
2. Row	168,31 m
3. Row	169,10 m
4. Row	169,89 m
5. Row	170,68 m
6. Row	171,47 m
7. Row	172,26 m

**BOX 29**      5,58 m      **EXCELLENT**

<b>Date:</b> 172,65 - to - 178,23			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal	
98,2	95,5	95,5		
95,00		95,00	1. Row	77°
95,00		95,00	2. Row	44°
80,00		80,00	3. Row	69°
10,00		10,00	4. Row	12°
5,00	NI		5. Row	60°
90,00		90,00	6. Row	16°
90,00		90,00	7. Row	
10,00	NI			
73,00		73,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	173,05 m
2. Row	173,85 m
3. Row	174,64 m
4. Row	175,44 m
5. Row	176,24 m
6. Row	177,03 m
7. Row	177,83 m

**BOX 30**      5,72 m      **GOOD**

<b>Date:</b> 178,23 - to - 183,95			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal	
88,5	86,7	86,7		
95,00		95,00	1. Row	
68,00		68,00	2. Row	40°
10,00	NI		3. Row	42°
20,00		20,00	4. Row	55°
67,00		67,00	5. Row	45°
97,00		97,00	6. Row	
95,00		95,00	7. Row	
54,00		54,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	178,64 m
2. Row	179,46 m
3. Row	180,27 m
4. Row	181,09 m
5. Row	181,91 m
6. Row	182,72 m
7. Row	183,54 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 313 meter  
**Casing/Overburden** 4,0 meter

**BOX 31** 5,55 m **EXCELLENT**

**Date:** 183,95 - to - 189,50  
**RECOVERY**  
**Total** **Solid** **Modified**  
 [cm] [cm] [cm]

**DIP ANGLE**

Fractures  
 Foliation  
 or bedding

REC	RQD	Degrees from horizontal
99,8	99,8	98,7
95,00	95,00	1. Row 45°
48,00	48,00	2. Row 55°
25,00	25,00	3. Row 65°
6,00		4. Row
13,00	13,00	5. Row 55°
79,00	79,00	6. Row 55°
13,00	13,00	7. Row
96,00	96,00	
45,00	45,00	
46,00	46,00	
88,00	88,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 184,35 m
- 2. Row 185,14 m
- 3. Row 185,93 m
- 4. Row 186,73 m
- 5. Row 187,52 m
- 6. Row 188,31 m
- 7. Row 189,10 m

**BOX 32** 5,58 m **EXCELLENT**

<b>Date:</b> 189,50 - to - 195,08			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,6	97,5	
35,00	35,00	1. Row 60°
10,00	10,00	2. Row 55°
4,00		3. Row 50°
17,00	17,00	4. Row 60°
9,00	9,00	5. Row 60°
21,00	21,00	6. Row 45°
9,00	9,00	7. Row
61,00	61,00	

REC	RQD	Magnetic Susceptibility
99,6	97,5	
35,00	35,00	1. Row
10,00	10,00	2. Row
4,00		3. Row
17,00	17,00	4. Row
9,00	9,00	5. Row
21,00	21,00	6. Row
9,00	9,00	7. Row
61,00	61,00	

Measurement at	
1. Row	189,90 m
2. Row	190,70 m
3. Row	191,49 m
4. Row	192,29 m
5. Row	193,09 m
6. Row	193,88 m
7. Row	194,68 m

**BOX 33** 5,40 m **EXCELLENT**

<b>Date:</b> 195,08 - to - 200,48			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
100,0	100,0	
93,00	93,00	1. Row 45°
42,00	42,00	2. Row 30°
53,00	53,00	3. Row 45°
98,00	98,00	4. Row 35°
100,00	100,00	5. Row
22,00	22,00	6. Row
72,00	72,00	7. Row
60,00	60,00	

REC	RQD	Magnetic Susceptibility
100,0	100,0	
93,00	93,00	1. Row
42,00	42,00	2. Row
53,00	53,00	3. Row
98,00	98,00	4. Row
100,00	100,00	5. Row
22,00	22,00	6. Row
72,00	72,00	7. Row
60,00	60,00	

Measurement at	
1. Row	195,47 m
2. Row	196,24 m
3. Row	197,01 m
4. Row	197,78 m
5. Row	198,55 m
6. Row	199,32 m
7. Row	200,09 m

**BOX 34**      6,05 m      **GOOD**

**Date:**  
200,48 - to - 206,53

**DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC		RQD	Degrees from horizontal	
94,2	88,3	86,6		
99,00		99,00	1. Row	45°
46,00		46,00	2. Row	30°
43,00		43,00	3. Row	45°
97,00		97,00	4. Row	35°
99,00		99,00	5. Row	
75,00		75,00	6. Row	
16,00		16,00	7. Row	
34,00		34,00		
23,00	NI			
13,00	NI			
4,00				
6,00				
15,00		15,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	200,91 m
2. Row	201,78 m
3. Row	202,64 m
4. Row	203,51 m
5. Row	204,37 m
6. Row	205,23 m
7. Row	206,10 m

**BOX 35**      5,57 m      **EXCELLENT**

**Date:**  
206,53 - to - 212,10

**DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC		RQD	Degrees from horizontal	
98,2	98,2	97,3		
5,00			1. Row	45°
77,00		77,00	2. Row	30°
20,00		20,00	3. Row	60°
20,00		20,00	4. Row	60°
45,00		45,00	5. Row	40°
93,00		93,00	6. Row	50°
97,00		97,00	7. Row	
80,00		80,00		
14,00		14,00		
96,00		96,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	206,93 m
2. Row	207,72 m
3. Row	208,52 m
4. Row	209,32 m
5. Row	210,11 m
6. Row	210,91 m
7. Row	211,70 m

**BOX 36**      5,85 m      EXCELLENT

<b>Date:</b> 212,10 - to - 217,95			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 95,6	RQD 95,6	Degrees from horizontal
99,00	99,00	1. Row
93,00	93,00	2. Row 60°
10,00	10,00	3. Row 45°
82,00	82,00	4. Row 60°
88,00	88,00	5. Row 60°
94,00	94,00	6. Row 70°
40,00	40,00	7. Row
53,00	53,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	212,52 m
2. Row	213,35 m
3. Row	214,19 m
4. Row	215,03 m
5. Row	215,86 m
6. Row	216,70 m
7. Row	217,53 m

**BOX 37**      5,55 m      EXCELLENT

<b>Date:</b> 217,95 - to - 223,50			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,6	RQD 99,6	Degrees from horizontal
92,00	92,00	1. Row 30°
98,00	98,00	2. Row
71,00	71,00	3. Row
25,00	25,00	4. Row
97,00	97,00	5. Row 65°
98,00	98,00	6. Row 25°
72,00	72,00	7. Row

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	218,35 m
2. Row	219,14 m
3. Row	219,93 m
4. Row	220,73 m
5. Row	221,52 m
6. Row	222,31 m
7. Row	223,10 m

**BOX 38**      5,80 m      **EXCELLENT**

**Date:**  
223,50 - to - 229,30

**DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
---------------	---------------	------------------	-----------	-------------------------

REC 100,0	RQD 100,0	Degrees from horizontal
97,00	97,00	1. Row
96,00	96,00	2. Row 50°
94,00	94,00	3. Row 45°
11,00	11,00	4. Row 45°
83,00	83,00	5. Row
99,00	99,00	6. Row 40°
100,00	100,00	7. Row

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	223,91 m
2. Row	224,74 m
3. Row	225,57 m
4. Row	226,40 m
5. Row	227,23 m
6. Row	228,06 m
7. Row	228,89 m

**BOX 39**      5,80 m      **EXCELLENT**

**Date:**  
229,30 - to - 235,10

**DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
---------------	---------------	------------------	-----------	-------------------------

REC 98,4	RQD 94,0	Degrees from horizontal
21,00	21,00	1. Row 30°
66,00	66,00	2. Row 40°
100,00	100,00	3. Row 45°
3,00		4. Row 45°
16,00	16,00	5. Row 45°
20,00	20,00	6. Row 45°
10,00	NI	7. Row
11,00		
14,00	11,00	
5,00	14,00	
16,00	NI	
8,00	16,00	
9,00	9,00	
11,00	11,00	
64,00	64,00	
100,00	100,00	
97,00	97,00	

**Magnetic Susceptibility**

1. Row	0,22
2. Row	0,20
3. Row	0,08
4. Row	0,18
5. Row	0,16
6. Row	0,14
7. Row	

**Measurement at**

1. Row	229,71 m
2. Row	230,54 m
3. Row	231,37 m
4. Row	232,20 m
5. Row	233,03 m
6. Row	233,86 m
7. Row	234,69 m

**BOX 40** 5,54 m **EXCELLENT**

<b>Date:</b> 235,10 - to - 240,64			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,1	99,1	RQD 99,1	Degrees from horizontal	
43,00		43,00	1. Row	50°
40,00		40,00	2. Row	40°
97,00		97,00	3. Row	
97,00		97,00	4. Row	30°
70,00		70,00	5. Row	45°
21,00		21,00	6. Row	40°
96,00		96,00	7. Row	
85,00		85,00		

**Magnetic Susceptibility**

---

- Row

**Measurement at**

---

- Row 235,50 m
- Row 236,29 m
- Row 237,08 m
- Row 237,87 m
- Row 238,66 m
- Row 239,45 m
- Row 240,24 m

**BOX 41** 5,78 m **EXCELLENT**

<b>Date:</b> 240,64 - to - 246,42			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,8	99,8	RQD 98,4	Degrees from horizontal	
85,00		85,00	1. Row	
8,00			2. Row	
97,00		97,00	3. Row	80°
98,00		98,00	4. Row	76°
98,00		98,00	5. Row	33°
94,00		94,00	6. Row	42°
97,00		97,00	7. Row	

**Magnetic Susceptibility**

---

- Row

**Measurement at**

---

- Row 241,05 m
- Row 241,88 m
- Row 242,70 m
- Row 243,53 m
- Row 244,36 m
- Row 245,18 m
- Row 246,01 m

**BOX 42** 5,47 m **EXCELLENT**

<b>Date:</b> 246,42 - to - 251,89			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,1	99,1	RQD 99,1	Degrees from horizontal	
88,00		88,00	1. Row	46°
16,00		16,00	2. Row	46°
75,00		75,00	3. Row	40°
87,00		87,00	4. Row	55°
95,00		95,00	5. Row	49°
41,00		41,00	6. Row	50°
50,00		50,00	7. Row	
90,00		90,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	246,81 m
2. Row	247,59 m
3. Row	248,37 m
4. Row	249,16 m
5. Row	249,94 m
6. Row	250,72 m
7. Row	251,50 m

**BOX 43** 5,35 m **GOOD**

<b>Date:</b> 251,89 - to - 257,24			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	80,2	RQD 77,4	Degrees from horizontal	
73,00		73,00	1. Row	50°
7,00			2. Row	45°
10,00		10,00	3. Row	60°
10,00		10,00	4. Row	50°
44,00		44,00	5. Row	50°
33,00		33,00	6. Row	55°
60,00		60,00	7. Row	
10,00	NI			
22,00	NI			
25,00		25,00		
25,00	NI			
10,00	NI			
8,00				
9,00		9,00	1. Row	
20,00		20,00	2. Row	
18,00		18,00	3. Row	
9,00	NI		4. Row	
13,00		13,00	5. Row	
11,00		11,00	6. Row	
8,00	NI		7. Row	
11,00		11,00		
10,00		10,00		
12,00		12,00		
18,00	NI			
10,00		10,00		
45,00		45,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	252,27 m
2. Row	253,04 m
3. Row	253,80 m
4. Row	254,57 m
5. Row	255,33 m
6. Row	256,09 m
7. Row	256,86 m

**BOX 44**      5,26 m      **FAIR**

<b>Date:</b> 257,24 - to - 262,50			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	75,1	RQD	Degrees from horizontal	
99,0		73,6		
40,00		40,00	1. Row	45°
20,00		20,00	2. Row	60°
15,00	NI		3. Row	55°
40,00		40,00	4. Row	30°
5,00	NI		5. Row	45°
50,00		50,00	6. Row	55°
8,00			7. Row	
81,00		81,00		

REC	75,1	RQD	Magnetic Susceptibility	
99,0		73,6		
30,00	NI		1. Row	
12,00	NI		2. Row	
15,00		15,00	3. Row	
9,00	NI		4. Row	
11,00		11,00	5. Row	
30,00	NI		6. Row	
8,00	NI		7. Row	
11,00		11,00		
8,00	NI			
11,00		11,00		
9,00	NI			
17,00		17,00		
91,00		91,00		

Measurement at	
1. Row	257,62 m
2. Row	258,37 m
3. Row	259,12 m
4. Row	259,87 m
5. Row	260,62 m
6. Row	261,37 m
7. Row	262,12 m

**BOX 45**      5,63 m      **EXCELLENT**

<b>Date:</b> 262,50 - to - 268,13			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	96,4	RQD	Degrees from horizontal	
100,0		93,1		
100,00		100,00	1. Row	40°
8,00	NI		2. Row	80°
4,00	NI		3. Row	50°
17,00		17,00	4. Row	50°
7,00			5. Row	60°
96,00		96,00	6. Row	40°
20,00		20,00	7. Row	
6,00				
23,00		23,00		

REC	96,4	RQD	Magnetic Susceptibility	
100,0		93,1		
4,00	NI		1. Row	
38,00		38,00	2. Row	
6,00			3. Row	
4,00	NI		4. Row	
10,00		10,00	5. Row	
60,00		60,00	6. Row	
90,00		90,00	7. Row	
70,00		70,00		

Measurement at	
1. Row	262,90 m
2. Row	263,71 m
3. Row	264,51 m
4. Row	265,32 m
5. Row	266,12 m
6. Row	266,92 m
7. Row	267,73 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 313 meter  
**Casing/Overburden:** 4,0 meter

**BOX 46**      5,57 m      **EXCELLENT**

**Date:** 268,13 - to - 273,70      **DIP ANGLE**

RECOVERY			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,6	99,6	99,6
37,00	37,00	1. Row 40°
54,00	54,00	2. Row 40°
97,00	97,00	3. Row 70°
95,00	95,00	4. Row 50°
95,00	95,00	5. Row 40°
60,00	60,00	6. Row 30°
38,00	38,00	7. Row
19,00	19,00	
60,00	60,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 268,53 m
- 2. Row 269,32 m
- 3. Row 270,12 m
- 4. Row 270,92 m
- 5. Row 271,71 m
- 6. Row 272,51 m
- 7. Row 273,30 m

**BOX 47**      5,51 m      **FAIR**

**Date:** 273,70 - to - 279,21      **DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC 99,5	68,1	RQD 68,1	Degrees from horizontal	
100,00	NI		1. Row	45°
98,00		98,00	2. Row	50°
12,00	NI		3. Row	40°
61,00	NI		4. Row	
24,00		24,00	5. Row	30°
100,00		100,00	6. Row	
18,00		18,00	7. Row	
75,00		75,00		
60,00		60,00		

**Magnetic Susceptibility**

1. Row  
2. Row  
3. Row  
4. Row  
5. Row  
6. Row  
7. Row

**Measurement at**

1. Row 274,09 m  
2. Row 274,88 m  
3. Row 275,67 m  
4. Row 276,46 m  
5. Row 277,24 m  
6. Row 278,03 m  
7. Row 278,82 m

**BOX 48**      5,67 m      **EXCELLENT**

**Date:** 279,21 - to - 284,88      **DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC 99,6	99,6	RQD 99,6	Degrees from horizontal	
95,00		95,00	1. Row	
37,00		37,00	2. Row	50°
56,00		56,00	3. Row	45°
94,00		94,00	4. Row	
96,00		96,00	5. Row	
54,00		54,00	6. Row	
38,00		38,00	7. Row	
95,00		95,00		

**Magnetic Susceptibility**

1. Row  
2. Row  
3. Row  
4. Row  
5. Row  
6. Row  
7. Row

**Measurement at**

1. Row 279,62 m  
2. Row 280,43 m  
3. Row 281,24 m  
4. Row 282,05 m  
5. Row 282,86 m  
6. Row 283,67 m  
7. Row 284,48 m

**BOX 49**      5,71 m      **EXCELLENT**

<b>Date:</b> 284,88 - to - 290,59			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	96,5	RQD 96,5	Degrees from horizontal	
91,00		91,00	1. Row	
73,00		73,00	2. Row	55°
20,00		20,00	3. Row	45°
13,00		13,00	4. Row	
6,00	NI		5. Row	70°
10,00	NI		6. Row	50°
69,00		69,00	7. Row	
93,00		93,00		
85,00		85,00		
10,00		10,00		
97,00		97,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	285,29 m
2. Row	286,10 m
3. Row	286,92 m
4. Row	287,74 m
5. Row	288,55 m
6. Row	289,37 m
7. Row	290,18 m

**BOX 50**      4,68 m      **GOOD**

<b>Date:</b> 290,59 - to - 295,27			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,4	85,3	RQD 85,3	Degrees from horizontal	
99,00		99,00	1. Row	
28,00		28,00	2. Row	50°
66,00	NI		3. Row	60°
97,00		97,00	4. Row	
95,00		95,00	5. Row	
80,00		80,00	6. Row	50°
			7. Row	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	290,92 m
2. Row	291,59 m
3. Row	292,26 m
4. Row	292,93 m
5. Row	293,60 m
6. Row	294,27 m
7. Row	294,94 m

**BOX 51** 6,56 m **GOOD**

<b>Date:</b> 295,27 - to - 301,83			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	Solid	RQD	Degrees from horizontal	
86,6	85,5	84,3		
97,00		97,00	1. Row	
96,00		96,00	2. Row	55°
33,00		33,00	3. Row	40°
59,00		59,00	4. Row	60°
95,00		95,00	5. Row	70°
80,00		80,00	6. Row	50°
7,00	NI		7. Row	
8,00				
93,00		93,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	295,74 m
2. Row	296,68 m
3. Row	297,61 m
4. Row	298,55 m
5. Row	299,49 m
6. Row	300,42 m
7. Row	301,36 m

**BOX 52** 5,66 m **EXCELLENT**

<b>Date:</b> 301,83 - to - 307,49			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	Solid	RQD	Degrees from horizontal	
99,3	99,3	99,3		
97,00		97,00	1. Row	40°
94,00		94,00	2. Row	40°
30,00		30,00	3. Row	60°
57,00		57,00	4. Row	60°
98,00		98,00	5. Row	50°
92,00		92,00	6. Row	
66,00		66,00	7. Row	65°
28,00		28,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	302,23 m
2. Row	303,04 m
3. Row	303,85 m
4. Row	304,66 m
5. Row	305,47 m
6. Row	306,28 m
7. Row	307,09 m

**BOX 53** 5,91 m **EXCELLENT**

<b>Date:</b> 307,49 - to - 313,40			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	96,8	RQD	Degrees from horizontal	
99,8		96,8	1. Row	50°
97,00		97,00	2. Row	60°
98,00		98,00	3. Row	60°
93,00		93,00	4. Row	30°
75,00		75,00	5. Row	40°
18,00	NI		6. Row	40°
92,00		92,00	7. Row	30°
93,00		93,00		
24,00		24,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	307,91 m
2. Row	308,76 m
3. Row	309,60 m
4. Row	310,45 m
5. Row	311,29 m
6. Row	312,13 m
7. Row	312,98 m

**BOX 54** 0,00 m **#DIV/0!**

<b>Date:</b> - to -			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
			1. Row	
			2. Row	
			3. Row	
			4. Row	
			5. Row	
			6. Row	
			7. Row	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

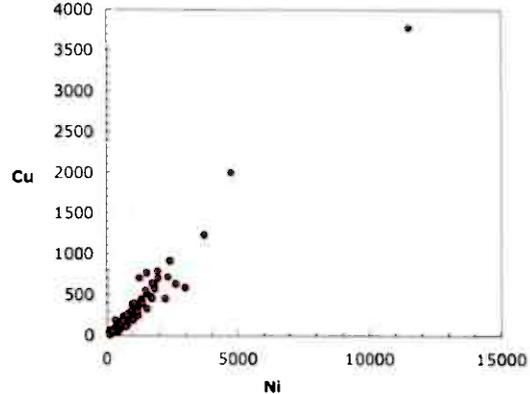
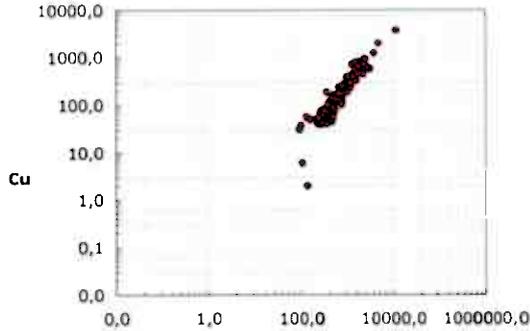


YEAR		2007		Info of Borehole		SH	
<b>Drill Date:</b> 16. Sep				<b>Ballangen DDH-07 SH-012</b>			
<b>HOLE ID:</b> SH-012							
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen		
<b>Northing:</b>	7583359	<b>Elevation:</b>	495 meter [asl]	<b>Drill method:</b>	Core		
<b>Easting:</b>	584250	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	279,10 meter		
<b>Bearing:</b>	165°	<b>Logged date:</b>	-	<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.		
<b>Dip:</b>	-64°	<b>Survey date:</b>	-	<b>by:</b>	-	<b>Casing/overburden:</b>	5,2 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54							

**COMMENTS/PURPOSE**

Testing of core zone of significant EM anomaly identified from SkyTEM 2005 and 2006

SULPHIDES					ALTERATION					Recovery	Dip	GEOCHEMISTRY					Mag. Susc. 10 <sup>-3</sup> SI
Po.	Pn.	Cp.	Gph.	X	Quartz	Grt.	Bt.	Phl.	Tre	Serp.	pct.	angle degree	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	



**DDH ORIENTATION / DIP-TEST**

Tool Measurements	No measurements		
- Azimute	n.a	n.a	n.a
- Dip	n.a	n.a	n.a
- Depth	n.a	n.a	n.a

**LITHOLOGY**

- A - ALT/DYKE/PEG - Alteration - dyke - pegmatite
- B - MGN - Gneiss
- C - NO - Norite
- D - ONO - Olivinenorite
- E - OPX - Olivinepyroxenite (Ol-websterite)
- F - CPX - Olivinepyroxenite (Ol-websterite)
- G - PRD - Peridotite
- H - PX - Pyroxenite (Websterite)
- I - M - Mineralisation
- eoh - End of Hole

**DESCRIPTIVE STATISTIC**

	Ni	Cu
- Mean	783,76	214,43
- Median	441,50	75,50
- Minimum	90,00	2,00
- Maximum	11500,00	3780,00
- Standard Deviation	1124,43	393,04
- Numbers	150,00	150,00
- Kurtosis	56,33	47,86
- Skewness	6,48	6,00
- Variance	1264339	154479
- Detection Limit	90,00	2,00

**SULPHIDES**

- 1. - Pyrrhotite **Po.**
- 2. - Pentlandite **Pn.**
- 3. - Chalcopyrite **Cp.**
- 4. - Graphite **Gph.**
- 5. - X **X.**

**ALTERATION**

- 6. - Garnet **Grt.**
- 7. - Biotite **Bt.**
- 8. - Chlorite **Phl.**
- 9. - Tremolite **Tre**
- 10. - Serpentine **Serp.**

**GEOCHEMISTRY**

- 11. - Nickel **Ni** [ppm]
- 12. - Copper **Cu** [ppm]
- 13. - Iron **Fe** [pct]
- 14. - Gold **Au** [ppb]
- 15. - Cobalt **Co** [ppm]

**MAGNETIC SUSCEPTIBILITY**

16. - Magnetic Susceptibility Mag. Susc. 10<sup>-3</sup> SI **MS**

**ROSE DIAGRAM**

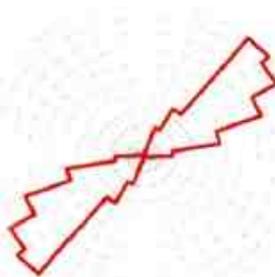
**2 DIMENSIONAL ORIENTATION ANALYSES**

**FRACTURES**

- Calculation Methode	Frequency
- Class Interval	10°
- Data Type	Bidirectional
- Population	204
- Mean	53,61°
- Standard Deviation	15,31°
- Maximum Petal	12,50 pct.
- Standard Deviation Petal	3,3 pct.

**FOLIATION OR BEDDING**

- Calculation Methode	Frequency
- Class Interval	10°
- Data Type	Bidirectional
- Population	204
- Mean	53,61°
- Standard Deviation	15,31°
- Maximum Petal	12,50 pct.
- Standard Deviation Petal	3,3 pct.



FRACTURES



FOLIATION OR BEDDING

<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>	
<b>Drill Date:</b>	16 Sep		<b>Ballangen DDH-07 SH-012</b>			
<b>HOLE ID:</b>	SH-012		<b>Location:</b>	Ranbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Project:</b>	Ballangen		<b>Elevation:</b>	495 meter [asl]	<b>Drill method:</b>	Core
<b>Northing:</b>	7583359		<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Easting:</b>	584250		<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	279,10 meter
<b>Datum:</b>	WGS84		<b>Survey date:</b>	-	<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.
<b>Bearing:</b>	165°		<b>by:</b>	-	<b>Casing/overburden:</b>	5,2 meter <input type="checkbox"/>
<b>Dip:</b>	-64°		<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautøkeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338		
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>						

Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem				
				Pb	Pn	Cp	Gph	Xc		Grt	Bl	Phi	Tr			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]
0		0-5,2m: Soil Casing.																		
5	G	5,2-16,2m: PRD Orthopyroxenite poikilitic mgrd dark blackish peridotite with greenish of dominated domains. The peridotite unit is cross-cut by several <10 cm wide noritic pegmatites. Only very few traces of interstitial disseminated sulphides.	232827																	
7			232828											447	75	9		117		
9			232829											419	96	9		110		
10																				
11	A G A G	10,4m: Noritic pegmatite. 10,8m: Noritic pegmatite. 11,2m: Noritic pegmatite.	232830																	
13			232831											365	54	9		99		
14	A G	14,2m: Noritic pegmatite.																		
15	A G	15,2m: Shear zone alteration.	232832											304	80	7		70		
16	B A D	15,8m: Gneiss. Assimilated gneiss. 16,2-18,0m: Aphanitic mafic norite dyke. Sharp intrusive contacts. Felsic schlieren.																		
17																				

BOX 1

BOX 2

BOX 3

<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>		
<b>Drill Date:</b>	16. Sep		<b>Ballangen DDH-07 SH-012</b>				
<b>HOLE ID:</b>	SH-012		<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen	
<b>Project:</b>	Ballangen	<b>Elevation:</b>	495 meter [asl]	<b>Drill method:</b>	Core		
<b>Northing:</b>	7583359	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Easting:</b>	584250	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	279,10 meter		
<b>Datum:</b>	WGS84	<b>Survey date:</b>	-	<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.		
<b>Bearing:</b>	165°	<b>by:</b>	-	<b>Casing/overburden:</b>	5,2 meter		
<b>Dip:</b>	-64°						
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						

Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54

Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 / SI
				Po	Pn	Co	Gph.	X		Gr.	Bl.	Phi	Trc			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
18	A	18,0-18,8m: NO! Cpx-rich c- to mgrd pegmatite with felsic veins, cutting cpx lumps. Sharp	232833													270	75	5		45	
19	G	18,8-21,2m: PRD! Orthopyroxenite poikilitic mgrd dark blackish peridotite with greenish ol-dominated domains. The peridotite unit is cross-cut by several <10 cm wide nortic pegmatites. Only very few traces of interstitial disseminated	232834													432	96	10		118	
21	C	21,2-22,4m: NO! Mixed peridotite and felsic nortic pegmatite interval. No significant alteration of the peridotite.	232835													332	79	8		88	
23	G	22,4-26,8m: PRD! Orthopyroxenite poikilitic mgrd dark blackish peridotite with greenish ol-dominated domains. The peridotite unit is cross-cut by several <10 cm wide nortic pegmatites. Only very few traces of interstitial disseminated sulphides. Increasing alteration downwards. The PRD unit is cross-cut by several phi-filled shear zones, producing localised hydration of the adjacent rock.	232836													314	61	8		89	
25			232837													347	52	8		90	
27	B	26,8-27,5m: Gneiss! Assimilated grt-bearing mica-rich quartzofeldspathic gneiss. Sharp boundaries to altered peridotite.	232838													363	43	8		93	
28	G	27,5-30,6m: PRD!																			
29			232839													444	68	9		114	
31	f	30,6-39,0m: Opx! Orthopyroxene rich rock. May originate from or be a part of the superjacent peridotite unit. Opx-poikilitic texture. Rare opx-dominated lumps with mgrd disseminated sulphides.	232840													418	57	8		111	
32		32,2m: Shear zone.																			
33			232841													508	80	9		125	









<b>YEAR</b>	<b>2007</b>	<b>Log of Borehole</b>		<b>SH</b>	
<b>Drill Date:</b>	16. Sep	<b>Ballangen DDH-07 SH-012</b>			
<b>HOLE ID:</b>	SH-012				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583359	<b>Elevation:</b>	495 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584250	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	279,10 meter
<b>Bearing:</b>	165°	<b>Logged date:</b>	-	<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.
<b>Dip:</b>	-64°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	5,2 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct	Dip angle degree	Geochem				
				Pb	Pn	Cp	Gph.	X.		Gr.	Bt.	Phi.	Tr.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]
102			232877													475	76	9		126
103																				
104			232878													777	156	9		136
105																				
106			232879													811	175	9		133
107																				
108		A 108,0-109,1m: Breccia. Brecciated norite. Intrusive norite dyke with sharp boundaries. 5-10 cm large PRD fragments (unmineralised) in suspension. Pronounced magmatic flow texture. No alteration.	232881													475	77	9		119
109																				
110		A 109,9-110,9m: NO! Ol-rich norite dyke. Aphanitic. Sharp intrusive contacts.	232882													97	37	7		40
111			232883													416	51	9		118
112			232884													221	50	7		57
113		112,0-112,5m: NO! Ol-rich norite dyke. Aphanitic. Sharp intrusive contacts.	232885													442	61	9		129
114			232886													441	44	9		126
115																				
116			232887													458	48	10		130
117																				
118			232888													480	57	9		122
119																				

BOX 18

BOX 19

BOX 20





<b>YEAR</b>	<b>2007</b>	<b>Log of Borehole</b>		<b>SH</b>	
<b>Drill Date:</b>	16. Sep	<b>Ballangen DDH-07 SH-012</b>			
<b>HOLE ID:</b>	SH-012				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583359	<b>Elevation:</b>	495 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584250	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	279,10 meter
<b>Bearing:</b>	165°	<b>Logged date:</b>	-	<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.
<b>Dip:</b>	-64°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	5,2 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Surf. 10 ST
				Po	Pn	Co	Gph	X		Grt	Bt	Phl	Tr			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
153			232912													449	130	7		103	
154																					
155		A 155,0-155,2m: Qtz-fsp rock with black tourmaline D (scharl - dravite?)	232913													103	6	3		39	
155		B 155,4-156,0m: Grt-bearing fgrd Qtz-fsp-pl-gneiss. Heavy alteration of adjacent rock																			
156		D	232914													227	50	7		81	
157																					
158		B 157,8-157,9m: Bt-gneiss.	232915													276	50	8		91	
159		D																			
160			232916													269	39	8		92	
161																					
162			232917													305	57	8		98	
163																					
164		B 163,4-163,5m: Bt-gneiss.	232918													280	43	8		103	
165		D																			
166			232919													226	40	8		95	
167		D 166,4-166,8m: Fgrd - aphanitic mafic norite dyke.																			
168			232920													332	56	9		117	
169		E 168,8-171,8m: OPX <sup>1</sup> Ol-rich orthopyroxenite. Sharp intrusive contacts from superjacent ONO unit.																			

BOX 27

BOX 28

BOX 29

**Drill Date:** 16. Sep  
**HOLE ID:** SH-012  
**Project:** Ballangen **Location:** Rånbogen **Project manager:** Søren Lund Jensen  
**Northing:** 7583359 **Elevation:** 495 meter [asl] **Drill method:** Core  
**Easting:** 584250 **Geologist:** Mikkel Vognsen **Core:** BQ TK60/40.7 **Diameter:** 40,7 mm  
**Datum:** WGS84 **Logged by:** Mikkel Vognsen **Length:** 279,10 meter  
**Bearing:** 165° **Survey date:** - **Average REC/RQD:** 97,8 pct. / 94,4 pct.  
**Dip:** -64° **by:** - **Casing/overburden:** 5,2 meter   
**Contractor:** Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338

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Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-5</sup> SI
				Po.	Pn.	Cp.	Gph.	X		Grt.	Bl.	Phl.	Tr.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	

170			232921													279	42	9		108	
171		A 171,1-173,3m: Alteration! Carbonate alteration associated with minor peg. E																			
172		A 171,8-172,0m: Pegmatite. Very crgd felsic noritic peg. Separates OPX and ONO units. D 172,0-184,6m: ONO! Mafic opx-cpx-rich norite unit. F-mgrd greysih rock with weak but consistent magmatic foliation. The ol-norite is cross-cut by several minor pegmatites and dykes. Only very few traces of disseminated sulphides.	232922													247	39	7		87	
173																					BOX 30
174			232923													387	99	8		112	
175																					
176			232924													308	68	8		101	
177																					
178			232925													311	49	9		112	
179																					BOX 31
180			232926													292	52	8		103	
181									15												
182			232927						15							272	43	8		103	
183									30												
184									30												
185		B 184,6-185,3m: Gneiss. Grt-bearing.	232928						70							667	124	3		68	BOX 32
186		G 185,3-189,8m: PRD! Pyroxene rich peridotite. The ultramafic rock may have a PX composition in larger intervals. Dark green greyish mgrd rock. NB! no Px-poikilitic texture. The PRD unit is cross-cut by several minor dykes and pegmatites. In general the peridotite is very px rich. Adcumulus texture. Weak but consistent magmatic orientation of elongate minerals. Semimassive sulphide patches @ 186,2 & 186,8m in opx-cpx interval. occur in	232929					10								1670	479	11		222	
			232930					10								4760	2000	16		485	
			232931					10								1540	327	11		211	

<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	16. Sep		<b>Ballangen DDH-07 SH-012</b>		
<b>HOLE ID:</b>	SH-012				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583359	<b>Elevation:</b>	495 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584250	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	279,10 meter
<b>Bearing:</b>	165°	<b>Logged date:</b>	-	<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.
<b>Dip:</b>	-64°	<b>Survey date:</b>	-	<b>by:</b>	-
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-3</sup> SI
		Description	1/2		Pb	Pn	Cp	Gph	X <sub>c</sub>		Grt	Bl	Phl	Tr			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
187		vein/lumb. minor fracture.		232932													457	140	10	136		
				232933													555	159	10	142		
188				232934													1260	371	11	183		
				232935													306	67	9	108		
189		189,0m: Mineralisation. Net-textured disseminated sulphides, and as frozen droplets. No remobilisation evident.		232936					10								1950	788	11	230		
				232937					5								2630	632	11	295		
									10													
190		C 189,8-192,0m: NO! Felsic norite dyke with pronounced magmatic foliation. Few traces of fgrd disseminated sulphides. Sharp intrusive contacts.		232938					1								915	279	8	128		
									2													
191									1													
									1													
									1													
192		D 192,0-193,9m: ONO! Mixed ONO and PRD interval. Likely a ONO dyke with incorporated PRD fragments. The PRD fragments are consequently mineralised. The lower m of the unit is charact. By a felsic norite peg.		232939					1								783	245	9	133		
									1													
									1													
193									1													
									1													
									1													
194		D 193,9-208,8m: ONO! Mafic norite dyke. Magmatic foliation. Cpx-rich. Sharp intrusive contacts. Throughout the ONO unit fgrd disseminated sulphides occur. In places the sulphides form < cm net textured domains.		232940					1								314	57	8	112		
									1													
									1													
195									1													
									1													
									1													
196				232941					1													
									1													
197									1													
									1													
									1													
198				232942					1								985	299	9	150		
									1													
									1													
199				232943					1								1970	702	10	215		
									1													
									1													
200				232944					1								984	378	9	147		
									1													
									1													
201				232945					1								1330	410	10	166		
									1													
									1													
202				232946					1								2410	914	11	245		
									1													
									1													
203				232947					1								729	223	9	140		
									1													
									1													
204									1													

BOX 33

BOX 34

BOX 35

**Drill Date:** 16. Sep  
**HOLE ID:** SH-012  
**Project:** Ballangen **Location:** Rånbogen **Project manager:** Soren Lund Jensen  
**Northing:** 7583359 **Elevation:** 495 meter [asl] **Drill method:** Core  
**Easting:** 584250 **Geologist:** Mikkel Vognsen **Core:** BQ TK60/40.7 **Diameter:** 40,7 mm  
**Datum:** WGS84 **Logged by:** Mikkel Vognsen **Length:** 279,10 meter **Average REC/RQD:** 97,8 pct. / 94,4 pct.  
**Bearing:** 165° **Logged date:** - **Survey date:** - **by:** - **Casing/overburden:** 5,2 meter   
**Dip:** -64° **Contractor:** Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Subc. 10 + St
				Po	Pn	Ch	Gph	X		Grt	Bl	Phl	Tr	Serp			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	
204			232948														1070	360	8	132		
205			232949														544	134	9	126		
206			232950														376	100	8	111		
207			232951														659	174	8	120		
208			232952														791	251	9	137	BOX 36	
209		G 208,8-218,7m: PRD! Sharp upper contact to superjacent norite dyke. Pl-bearing peridotite. Mesocumulus rock. Weakly mineralised as fgrd disseminated sulphides throughout the unit. From 214m and downwards, several <10 cm wide cpx-pl fsp +/- tour noritic pegmatites cross-cut the peridotite. minor alteration of adjacent rock. Fgrd disseminated sulphides forming minor net-textured mineralisation.	232953														1820	617	11	210		
210			232954														1500	550	11	201		
211			232955														2430	912	13	289		
212		211,9m: Cm wide sulphide filled lens/vein.	232956														1530	767	11	210		
213			232957														1110	285	10	162		
214			232958														1830	572	12	242	BOX 37	
215			232959														366	69	10	124		
216			232960														1060	395	10	149		
217		216,2m: Cm wide very fgrd sulphides, rimming a noritic pegmatite. Appear remobilised. Flow texture in silicates.	232961														1720	453	11	185		
218			232962														1370	392	9	142		
219		D 218,7-219,6m: ONO! Spotted mafic norite. Pl-bearing PRD! Cpx-ol spots characterise the ONO. Dyke. Mineralised - fgrd disseminated sulphides interstitial to silicates.	232963									25 20 30 20					2340	714	11	187		
220		G 219,6-223,2m: PRD! Ol-rich mgfd dark green ultramafic rock. Traces of fgrd disseminated sulphides.	232964														1190	290	10	139	BOX 38	
221		A 220,6-220,8m: ND! Pegmatite.																				



<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	16. Sep		<b>Ballangen DDH-07 SH-012</b>		
<b>HOLE ID:</b>	SH-012		<b>Location:</b>	Rånbogen	
<b>Project:</b>	Ballangen		<b>Elevation:</b>	495 meter (asl)	
<b>Northing:</b>	7583359		<b>Geologist:</b>	Mikkel Vognsen	
<b>Easting:</b>	584250		<b>Logged by:</b>	Mikkel Vognsen	
<b>Datum:</b>	WGS84		<b>Survey date:</b>	-	
<b>Bearing:</b>	165°		<b>by:</b>	-	
<b>Dip:</b>	-64°		<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.	
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338		<b>Casing/overburden:</b>	5,2 meter <input type="checkbox"/>	

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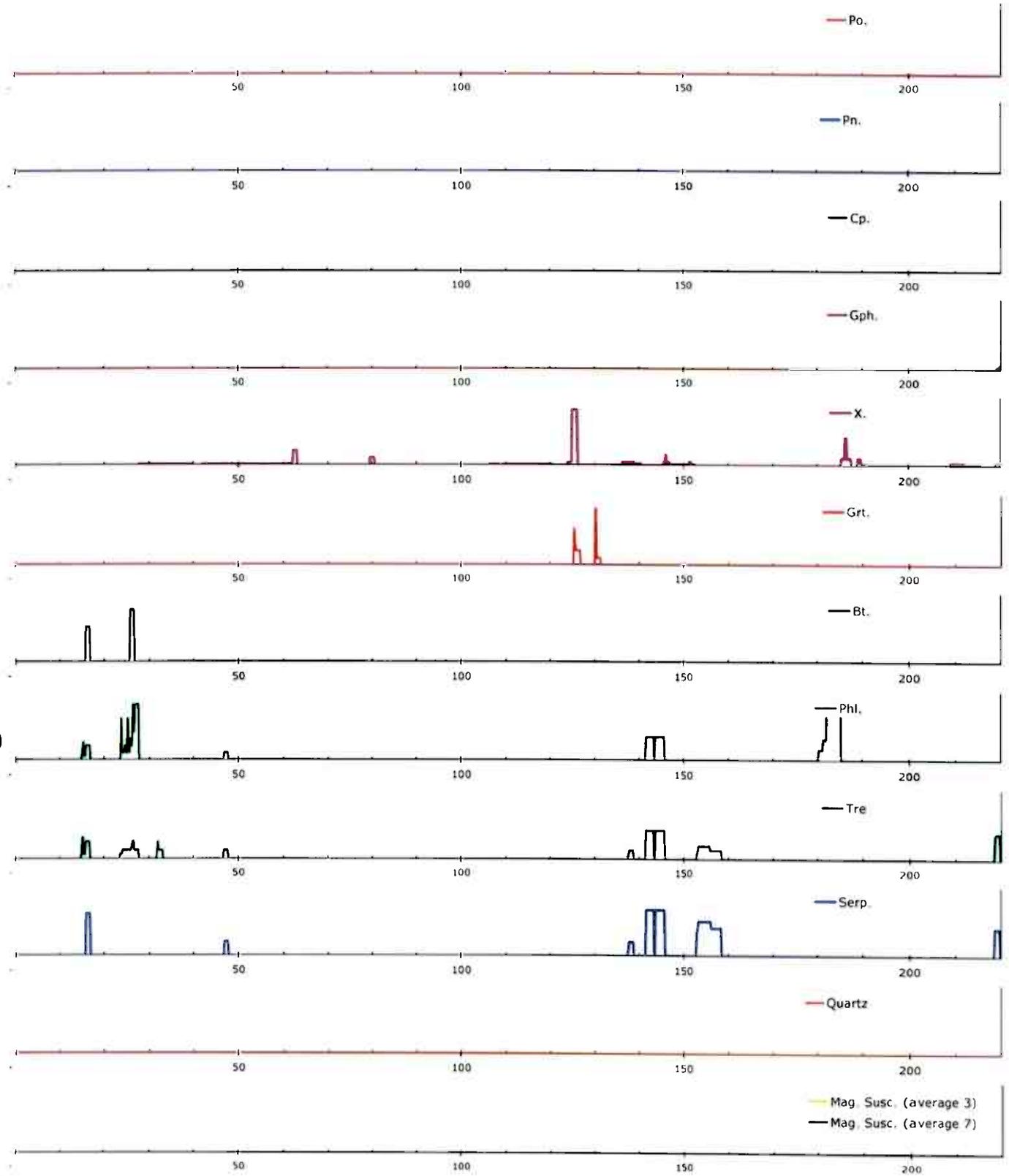
Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-5</sup> SI
				Pb	Pn	Cp	Gph	Xc		Gr.	Bl.	Phi.	Tre			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
238,3		G 238,3-239,0m: PRD! Poikilitic texture.	232973												294	137	8		101		
239,0		A 239,0-239,6m: Noritic pegmatite with increasing grainsize downwards. Very cgrd 2-3 cm cpx in felsic matrix. Sharp boundaries.																			
239,6		D 239,6-242,1m: ONO! Fgrd ol-rich mafic norite dyke with sharp intrusive contacts. Thin mm dark veins indicate dynamic intrusive origin.																			
242,1		G 242,1-242,7m: PRD!																			
242,7		D 242,7-246,2m: ONO! Mixed ONO and PRD interval. Larger PRD fragments in ONO dyke. Alternative its a PRD unit intruded by several smaller ONO dykes. No alteration.																		BOX 42	
246,2		G 246,2-248,2m: PRD! Opx-rich dark homog. Peridotite. No alteration. No mineralisation.																			
248,2		E 248,2-256,2m: OPX! F-mgrd opx-rich pyroxenite. Noteable isotrop rock unit. Few cross-cutting norite dykes.						1												BOX 43	
256,2																				BOX 44	



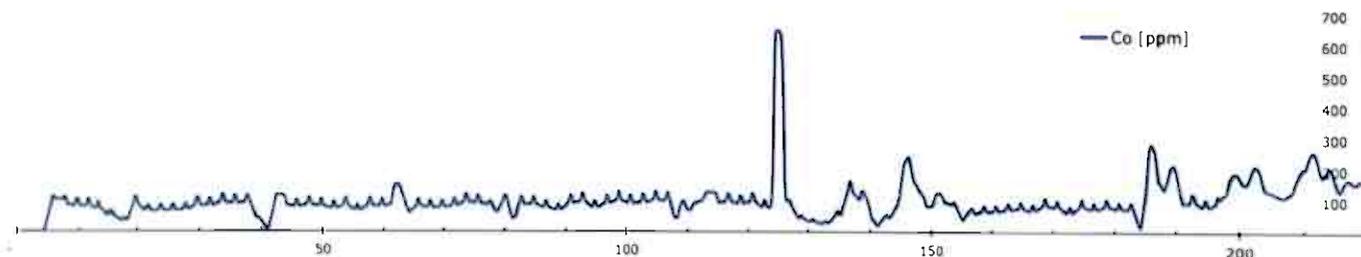
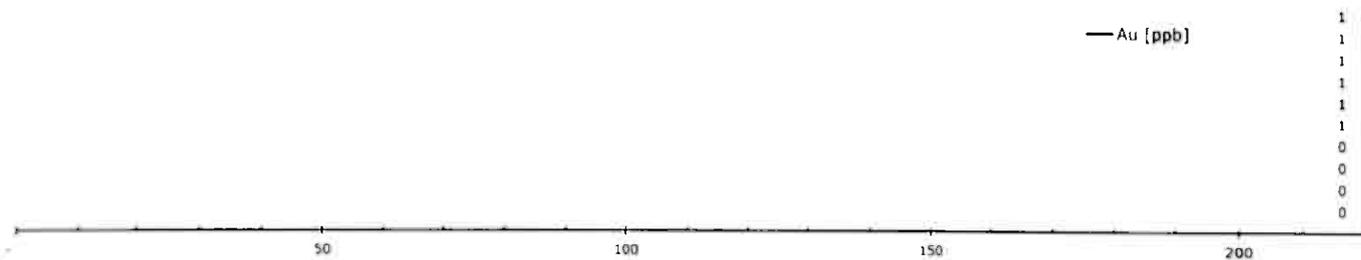
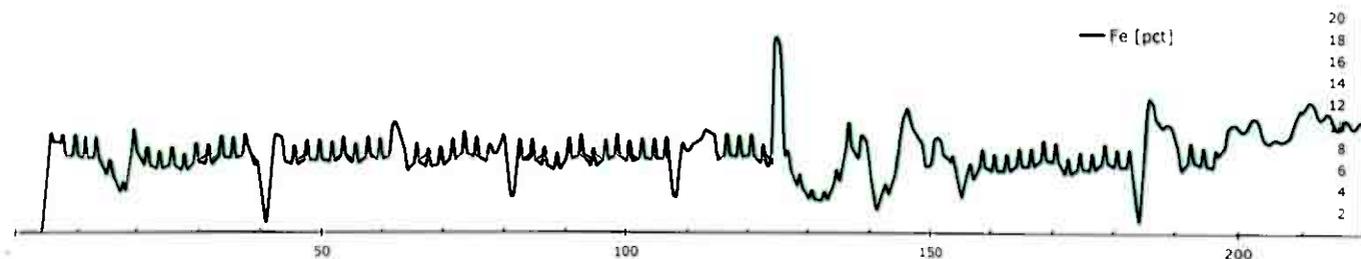
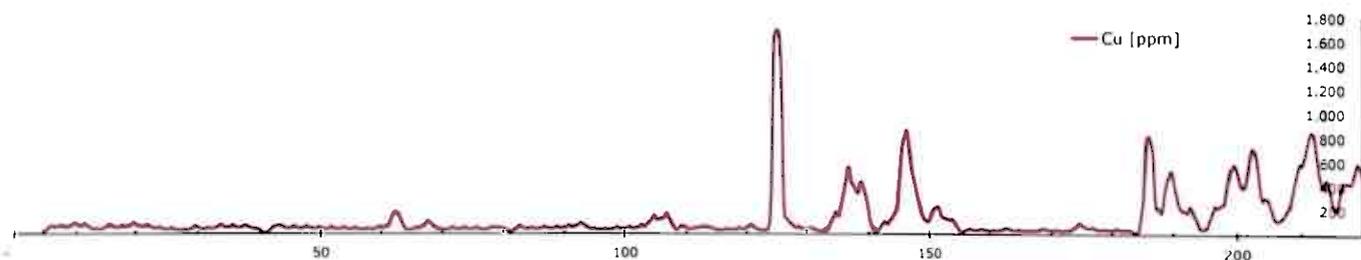
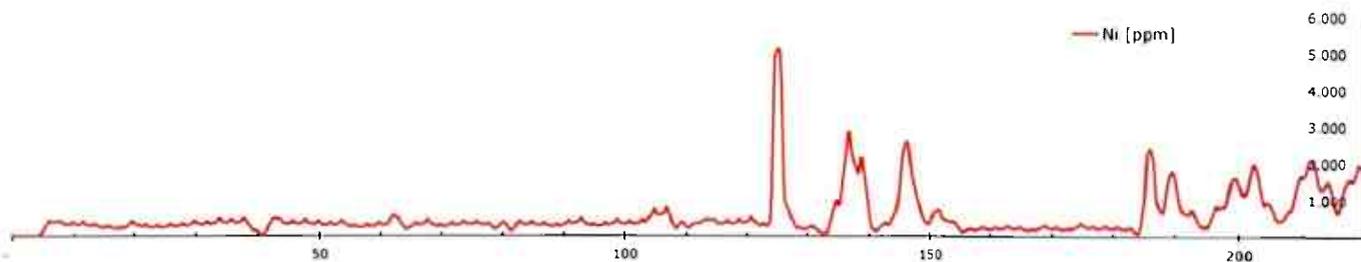
YEAR		2007		Log of Borehole				SH															
<b>Drill Date:</b> 16. Sep				<b>Ballangen DDH-07 SH-012</b>																			
<b>HOLE ID:</b> SH-012																							
<b>Project:</b>	Ballangen	<b>Location:</b>	Ranbagen	<b>Project manager:</b>	Søren Lund Jensen																		
<b>Northing:</b>	7583359	<b>Elevation:</b>	495 meter (asl)	<b>Drill method:</b>	Core																		
<b>Easting:</b>	584250	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm																
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	279,10 meter																		
<b>Bearing:</b>	165°	<b>Survey date:</b>	-	<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.																		
<b>Dip:</b>	-64°	<b>by:</b>	-	<b>Casing/overburden:</b>	5,2 meter <input type="checkbox"/>																		
<b>Contractor:</b>	Diamantboring Nord AS, P.O. Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338																						
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>																							
Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-1</sup> SI
		Description			Pb	Pn	Cp	Gph	Xc		Grt	Bt	Phl	Trc	Serp			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	



YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b>	16 September	<b>Ballangen DDH-07 SH-012</b>					
<b>HOLE ID:</b>	SH-012						
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen		
<b>Northing:</b>	7583359	<b>Elevation:</b>	495 meter [asl]	<b>Drill method:</b>	Core		
<b>Easting:</b>	584250	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	279,10 meter		
<b>Bearing:</b>	165°	<b>Logged date:</b>	-	<b>Average REC/RQD:</b>	97,8 pct. / 94,4 pct.		
<b>Dip:</b>	-64°	<b>Survey date:</b>	-	<b>by:</b>	-	<b>Casing/overburden:</b>	5,2 meter
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
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YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b> 16 September							
<b>HOLE ID:</b> SH-012		<b>Project:</b> Ballangen		<b>Location:</b> Rånbogen		<b>Project manager:</b> Søren Lund Jensen	
<b>Northing:</b> 7583359		<b>Elevation:</b> 495 meter (asl)		<b>Drill method:</b> Core		<b>Drill method:</b> Core	
<b>Easting:</b> 584250		<b>Geologist:</b> Mikkel Vognsen		<b>Core:</b> BQ TK60/40.7		<b>Diameter:</b> 40,7 mm	
<b>Datum:</b> WGS84		<b>Logged by:</b> Mikkel Vognsen		<b>Length:</b> 279,10 meter		<b>Average REC/RQD:</b> 97,8 pct. / 94,4 pct.	
<b>Bearing:</b> 165°		<b>Logged date:</b> -		<b>by:</b> -		<b>Casing/overburden:</b> 5,2 meter	
<b>Dip:</b> -64°		<b>Survey date:</b> -					
<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeimo, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338							
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**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 279 meter  
**Casing/Overburden:** 5,2 meter

**BOX 1**      5,80 m      EXCELLENT

**Date:** 5,20 - to - 11,00      **DIP ANGLE**  
**RECOVERY**  
**Total**      **Solid**      **Modified**  
 [cm]      [cm]      [cm]

REC		RQD	Degrees from horizontal
98,3		91,0	
97,00		97,00	1. Row
98,00		98,00	2. Row
95,00		95,00	3. Row    68°
17,00	ni		4. Row    56°
5,00	ni		5. Row    68°
27,00		27,00	6. Row    55°
44,00		44,00	7. Row
81,00		81,00	
9,00		9,00	
3,00	ni		
7,00	ni		
77,00		77,00	
10,00	ni		

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row      5,61 m  
 2. Row      6,44 m  
 3. Row      7,27 m  
 4. Row      8,10 m  
 5. Row      8,93 m  
 6. Row      9,76 m  
 7. Row      10,59 m

**BOX 2**      5,64 m      EXCELLENT

<b>Date:</b> 11,00 - to - 16,64			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,1	99,1	RQD	99,1	Degrees from horizontal
41,00			41,00		1. Row
49,00			49,00		2. Row
97,00			97,00		3. Row
96,00			96,00	47°	4. Row
68,00			68,00		5. Row
23,00			23,00		6. Row
95,00			95,00		7. Row
90,00			90,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	11,40 m
2. Row	12,21 m
3. Row	13,01 m
4. Row	13,82 m
5. Row	14,63 m
6. Row	15,43 m
7. Row	16,24 m

**BOX 3**      5,77 m      EXCELLENT

<b>Date:</b> 16,64 - to - 22,41			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,8	98,8	RQD	97,9	Degrees from horizontal
96,00			96,00		1. Row 77°
5,00					2. Row
15,00			15,00		3. Row 58°
71,00			71,00		4. Row 62°
96,00			96,00		5. Row 50°
97,00			97,00		6. Row
22,00			22,00		7. Row
73,00			73,00		
95,00			95,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	17,05 m
2. Row	17,88 m
3. Row	18,70 m
4. Row	19,53 m
5. Row	20,35 m
6. Row	21,17 m
7. Row	22,00 m

**BOX 4** 5,94 m **GOOD**

<b>Date:</b> 22,41 - to - 28,35			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
95,3	85,0	85,0	1. Row	65°
97,00		97,00	2. Row	45°
38,00		38,00	3. Row	54°
53,00		53,00	4. Row	46°
30,00		30,00	5. Row	60°
3,00	ni		6. Row	57°
31,00		31,00	7. Row	
29,00		29,00		
9,00	ni			
24,00		24,00		
28,00	ni			

			Magnetic Susceptibility	
32,00		32,00	1. Row	
32,00		32,00	2. Row	
18,00		18,00	3. Row	
46,00		46,00	4. Row	
21,00	ni		5. Row	
75,00		75,00	6. Row	
			7. Row	

Measurement at	
1. Row	22,83 m
2. Row	23,68 m
3. Row	24,53 m
4. Row	25,38 m
5. Row	26,23 m
6. Row	27,08 m
7. Row	27,93 m

**BOX 5** 5,71 m **EXCELLENT**

<b>Date:</b> 28,35 - to - 34,06			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
99,8	99,8	99,8	1. Row	45°
97,00		97,00	2. Row	45°
96,00		96,00	3. Row	52°
41,00		41,00	4. Row	40°
56,00		56,00	5. Row	55°
95,00		95,00	6. Row	
99,00		99,00	7. Row	
56,00		56,00		
30,00		30,00		

			Magnetic Susceptibility	
			1. Row	
			2. Row	
			3. Row	
			4. Row	
			5. Row	
			6. Row	
			7. Row	

Measurement at	
1. Row	28,76 m
2. Row	29,57 m
3. Row	30,39 m
4. Row	31,21 m
5. Row	32,02 m
6. Row	32,84 m
7. Row	33,65 m

**BOX 6** 5,76 m **EXCELLENT**

<b>Date:</b> 34,06 - to - 39,82			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	100,0	100,0	RQD	100,0	Degrees from horizontal
	97,00		97,00		1. Row 38°
	94,00		94,00		2. Row 45°
	80,00		80,00		3. Row 40°
	14,00		14,00		4. Row 45°
	97,00		97,00		5. Row 35°
	97,00		97,00		6. Row 60°
	97,00		97,00		7. Row

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	34,47 m
2. Row	35,29 m
3. Row	36,12 m
4. Row	36,94 m
5. Row	37,76 m
6. Row	38,59 m
7. Row	39,41 m

**BOX 7** 5,70 m **EXCELLENT**

<b>Date:</b> 39,82 - to - 45,52			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,6	99,6	RQD	98,2	Degrees from horizontal
	8,00				1. Row 77°
	83,00		83,00		2. Row 59°
	92,00		92,00		3. Row 76°
	98,00		98,00		4. Row
	28,00		28,00		5. Row 36°
	67,00		67,00		6. Row 61°
	97,00		97,00		7. Row
	95,00		95,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	40,23 m
2. Row	41,04 m
3. Row	41,86 m
4. Row	42,67 m
5. Row	43,48 m
6. Row	44,30 m
7. Row	45,11 m

**BOX 8**      5,86 m      EXCELLENT

<b>Date:</b> 45,52 - to - 51,38			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 98,1	95,1	RQD 95,1	Degrees from horizontal	
48,00		48,00	1. Row	
47,00		47,00	2. Row	68°
92,00		92,00	3. Row	79°
96,00		96,00	4. Row	59°
57,00		57,00	5. Row	70°
15,00	ni		6. Row	72°
22,00		22,00	7. Row	
100,00		100,00		
3,00	ni			
95,00		95,00		

**Magnetic Susceptibility**

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1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	45,94 m
2. Row	46,78 m
3. Row	47,61 m
4. Row	48,45 m
5. Row	49,29 m
6. Row	50,12 m
7. Row	50,96 m

**BOX 9**      5,60 m      EXCELLENT

<b>Date:</b> 51,38 - to - 56,98			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,8	99,1	RQD 99,1	Degrees from horizontal	
71,00		71,00	1. Row	60°
4,00	ni		2. Row	59°
14,00		14,00	3. Row	79°
98,00		98,00	4. Row	60°
92,00		92,00	5. Row	45°
95,00		95,00	6. Row	
19,00		19,00	7. Row	
76,00		76,00		
90,00		90,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

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1. Row	51,78 m
2. Row	52,58 m
3. Row	53,38 m
4. Row	54,18 m
5. Row	54,98 m
6. Row	55,78 m
7. Row	56,58 m

**BOX 10**      5,85 m      **EXCELLENT**

<b>Date:</b> 56,98 - to - 62,83			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	94,9	RQD	94,9	Degrees from horizontal
22,00		22,00		1. Row 45°
25,00		25,00		2. Row 50°
30,00		30,00		3. Row 80°
36,00		36,00		4. Row 50°
39,00		39,00		5. Row 80°
16,00		16,00		6. Row 70°
97,00		97,00		7. Row
97,00		97,00		
61,00		61,00		
33,00		33,00		
99,00		99,00		

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	57,40 m
2. Row	58,23 m
3. Row	59,07 m
4. Row	59,91 m
5. Row	60,74 m
6. Row	61,58 m
7. Row	62,41 m

**BOX 11**      5,87 m      **GOOD**

<b>Date:</b> 62,83 - to - 68,70			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	97,4	91,0	RQD	89,3	Degrees from horizontal
97,00			97,00		1. Row 45°
33,00			33,00		2. Row 43°
9,00			9,00		3. Row 60°
13,00			13,00		4. Row 60°
12,00		ni			5. Row 60°
12,00		ni			6. Row 80°
14,00		ni			7. Row
93,00			93,00		
72,00			72,00		
24,00			24,00		
95,00			95,00		
4,00					
6,00					
10,00			10,00		1. Row
17,00			17,00		2. Row
33,00			33,00		3. Row
28,00			28,00		4. Row
					5. Row
					6. Row
					7. Row

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	63,25 m
2. Row	64,09 m
3. Row	64,93 m
4. Row	65,77 m
5. Row	66,60 m
6. Row	67,44 m
7. Row	68,28 m

**BOX 12** 5,72 m **EXCELLENT**

<b>Date:</b> 68,70 - to - 74,42			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,5	99,5	RQD 99,5	Degrees from horizontal	
96,00		96,00	1. Row	
95,00		95,00	2. Row	51°
25,00		25,00	3. Row	61°
70,00		70,00	4. Row	66°
25,00		25,00	5. Row	40°
24,00		24,00	6. Row	
48,00		48,00	7. Row	

49,00	49,00			
17,00	17,00			
32,00	32,00			
33,00	33,00			
55,00	55,00			

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	69,11 m
2. Row	69,93 m
3. Row	70,74 m
4. Row	71,56 m
5. Row	72,38 m
6. Row	73,19 m
7. Row	74,01 m

**BOX 13** 5,69 m **EXCELLENT**

<b>Date:</b> 74,42 - to - 80,11			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,5	97,5	RQD 94,4	Degrees from horizontal	
98,00		98,00	1. Row	
98,00		98,00	2. Row	
8,00			3. Row	57°
4,00			4. Row	52°
22,00		22,00	5. Row	37°
6,00			6. Row	58°
55,00		55,00	7. Row	

11,00	ni			
85,00		85,00		
94,00		94,00		
20,00		20,00		
65,00		65,00		

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	74,83 m
2. Row	75,64 m
3. Row	76,45 m
4. Row	77,27 m
5. Row	78,08 m
6. Row	78,89 m
7. Row	79,70 m

**BOX 14** 5,81 m **EXCELLENT**

<b>Date:</b> 80,11 - to - 85,92			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	RQD	Degrees from horizontal
99,5	97,6	95,5
99,00	99,00	1. Row 65°
99,00	99,00	2. Row 62°
23,00	23,00	3. Row
13,00	13,00	4. Row
4,00		5. Row 71°
28,00	28,00	6. Row 65°
9,00	9,00	7. Row
8,00		
11,00	ni	

99,00	99,00	<b>Magnetic Susceptibility</b>
96,00	96,00	
89,00	89,00	

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	80,53 m
2. Row	81,36 m
3. Row	82,19 m
4. Row	83,02 m
5. Row	83,85 m
6. Row	84,68 m
7. Row	85,51 m

**BOX 15** 5,85 m **GOOD**

<b>Date:</b> 85,92 - to - 91,77			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	RQD	Degrees from horizontal
96,2	87,7	83,8
11,00	11,00	1. Row 56°
11,00	11,00	2. Row 49°
6,00		3. Row 45°
9,00	9,00	4. Row 41°
11,00	11,00	5. Row 44°
10,00	10,00	6. Row
6,00		7. Row
5,00		
6,00		
20,00	20,00	
22,00	22,00	
12,00	12,00	
24,00	ni	
26,00	ni	
97,00	97,00	1. Row
24,00	24,00	3. Row
70,00	70,00	4. Row
96,00	96,00	5. Row
9,00	9,00	6. Row
88,00	88,00	7. Row

20,00	20,00	<b>Magnetic Susceptibility</b>
22,00	22,00	
12,00	12,00	

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	86,34 m
2. Row	87,17 m
3. Row	88,01 m
4. Row	88,85 m
5. Row	89,68 m
6. Row	90,52 m
7. Row	91,35 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 279 meter  
**Casing/Overburden** 5,2 meter

**BOX 16** 5,79 m **EXCELLENT**

Date:			DIP ANGLE	
91,77 - to - 97,56			Fractures	Foliation or bedding
RECOVERY				
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
98,1	97,1	97,1		
92,00		92,00	1. Row	56°
61,00		61,00	2. Row	49°
35,00		35,00	3. Row	45°
39,00		39,00	4. Row	41°
51,00		51,00	5. Row	44°
58,00		58,00	6. Row	
6,00	ni		7. Row	
32,00		32,00		
22,00		22,00		
74,00		74,00		
98,00		98,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	92,18 m
2. Row	93,01 m
3. Row	93,84 m
4. Row	94,67 m
5. Row	95,49 m
6. Row	96,32 m
7. Row	97,15 m

**BOX 17** 5,66 m **EXCELLENT**

<b>Date:</b> 97,56 - to - 103,22			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	98,4	RQD	Degrees from horizontal
99,3		98,4	
99,00		99,00	1. Row
63,00		63,00	2. Row 70°
33,00		33,00	3. Row 55°
10,00		10,00	4. Row 55°
5,00	ni		5. Row 55°
83,00		83,00	6. Row
98,00		98,00	7. Row
81,00		81,00	
90,00		90,00	

<b>Magnetic Susceptibility</b>	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

<b>Measurement at</b>	
1. Row	97,96 m
2. Row	98,77 m
3. Row	99,58 m
4. Row	100,39 m
5. Row	101,20 m
6. Row	102,01 m
7. Row	102,82 m

**BOX 18** 5,90 m **EXCELLENT**

<b>Date:</b> 103,22 - to - 109,12			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	96,4	RQD	Degrees from horizontal
97,8		95,4	
98,00		98,00	1. Row 40°
95,00		95,00	2. Row
97,00		97,00	3. Row 60°
96,00		96,00	4. Row 35°
69,00		69,00	5. Row 55°
9,00		9,00	6. Row 45°
13,00		13,00	7. Row
6,00			
16,00		16,00	
27,00		27,00	
15,00		15,00	
11,00		11,00	
8,00	ni		
17,00		17,00	

<b>Magnetic Susceptibility</b>	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

<b>Measurement at</b>	
1. Row	103,64 m
2. Row	104,48 m
3. Row	105,33 m
4. Row	106,17 m
5. Row	107,01 m
6. Row	107,86 m
7. Row	108,70 m

**BOX 19** 5,62 m **EXCELLENT**

<b>Date:</b> 109,12 - to - 114,74			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,8	95,7	RQD 93,8	Degrees from horizontal	
10,00	ni		1. Row	45°
66,00		66,00	2. Row	
20,00		20,00	3. Row	80°
76,00		76,00	4. Row	45°
10,00		10,00	5. Row	60°
10,00		10,00	6. Row	
5,00			7. Row	
39,00		39,00		
45,00		45,00		
6,00				
97,00		97,00		
23,00		23,00		
13,00	ni			
57,00		57,00	1. Row	
36,00		36,00	2. Row	
48,00		48,00	3. Row	
			4. Row	
			5. Row	
			6. Row	
			7. Row	

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	109,52 m
2. Row	110,32 m
3. Row	111,13 m
4. Row	111,93 m
5. Row	112,73 m
6. Row	113,54 m
7. Row	114,34 m

**BOX 20** 5,71 m **EXCELLENT**

<b>Date:</b> 114,74 - to - 120,45			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	99,3	RQD 94,9	Degrees from horizontal	
4,00			1. Row	60°
25,00		25,00	2. Row	
57,00		57,00	3. Row	
11,00		11,00	4. Row	45°
4,00			5. Row	75°
13,00		13,00	6. Row	45°
17,00		17,00	7. Row	
59,00		59,00		
48,00		48,00		
9,00		9,00		
38,00		38,00		
58,00		58,00		
38,00		38,00		
4,00			1. Row	
7,00			2. Row	
19,00		19,00	3. Row	
6,00			4. Row	
16,00		16,00	5. Row	
24,00		24,00	6. Row	
14,00		14,00	7. Row	
19,00		19,00		
16,00		16,00		
19,00		19,00		
16,00		16,00		
17,00		17,00		
9,00		9,00		

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	115,15 m
2. Row	115,96 m
3. Row	116,78 m
4. Row	117,60 m
5. Row	118,41 m
6. Row	119,23 m
7. Row	120,04 m

**BOX 21** 5,70 m **EXCELLENT**

<b>Date:</b> 120,45 - to - 126,15			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	98,2	98,2	QD	94,0	Degrees from horizontal
9,00			9,00		1. Row
18,00			18,00		2. Row
64,00			64,00		3. Row
6,00					4. Row 90°
52,00			52,00		5. Row 70°
37,00			37,00		6. Row 85°
9,00			9,00		7. Row
5,00					
72,00			72,00		
9,00			9,00		
10,00			10,00		
8,00					
9,00			9,00		
18,00			18,00		1. Row
36,00			36,00		2. Row
16,00			16,00		3. Row
9,00			9,00		4. Row
5,00					5. Row
16,00			16,00		6. Row
48,00			48,00		7. Row
24,00			24,00		
10,00			10,00		
11,00			11,00		
59,00			59,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	120,86 m
2. Row	121,67 m
3. Row	122,49 m
4. Row	123,30 m
5. Row	124,11 m
6. Row	124,93 m
7. Row	125,74 m

**BOX 22** 5,80 m **GOOD**

<b>Date:</b> 126,15 - to - 131,95			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	99,0	94,7	QD	89,0	Degrees from horizontal
7,00					1. Row 55°
70,00			70,00		2. Row 45°
5,00					3. Row 34°
12,00			12,00		4. Row 40°
4,00					5. Row 30°
5,00					6. Row 35°
14,00			14,00		7. Row
9,00			9,00		
19,00			19,00		
11,00			11,00		
30,00			30,00		
6,00					
97,00			97,00		
6,00					1. Row
52,00			52,00		2. Row
25,00	ni				3. Row
10,00			10,00		4. Row
74,00			74,00		5. Row
21,00			21,00		6. Row
97,00			97,00		7. Row

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	126,56 m
2. Row	127,39 m
3. Row	128,22 m
4. Row	129,05 m
5. Row	129,88 m
6. Row	130,71 m
7. Row	131,54 m

**BOX 23**      6,10 m      **GOOD**

<b>Date:</b> 131,95 - to - 138,05			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
86,7	85,9	
100,00	100,00	1. Row 24°
71,00	71,00	2. Row 36°
24,00	24,00	3. Row 45°
96,00	96,00	4. Row 60°
64,00	64,00	5. Row 70°
33,00	33,00	6. Row 60°
89,00	89,00	7. Row
47,00	47,00	
5,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	132,39 m
2. Row	133,26 m
3. Row	134,13 m
4. Row	135,00 m
5. Row	135,87 m
6. Row	136,74 m
7. Row	137,61 m

**BOX 24**      5,75 m      **GOOD**

<b>Date:</b> 138,05 - to - 143,80			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
98,6	89,4	
73,00	73,00	1. Row
23,00	23,00	2. Row 50°
70,00	70,00	3. Row 20°
6,00		4. Row 45°
8,00		5. Row 35°
6,00		6. Row 35°
5,00		7. Row

13,00	ni	
77,00		77,00
15,00		15,00
3,00		
4,00		
59,00		59,00
12,00		12,00
51,00		51,00
19,00		19,00
25,00		25,00
44,00		44,00
11,00		11,00
9,00		9,00
8,00		
26,00		26,00

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	138,46 m
2. Row	139,28 m
3. Row	140,10 m
4. Row	140,93 m
5. Row	141,75 m
6. Row	142,57 m
7. Row	143,39 m

**BOX 25** 5,85 m **GOOD**

<b>Date:</b> 143,80 - to - 149,65			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
94,9	89,2	89,2	1. Row	45°
32,00		32,00	2. Row	45°
54,00		54,00	3. Row	45°
59,00		59,00	4. Row	45°
33,00	ni		5. Row	80°
55,00		55,00	6. Row	
36,00		36,00	7. Row	
35,00		35,00		
56,00		56,00		
97,00		97,00		
98,00		98,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	144,22 m
2. Row	145,05 m
3. Row	145,89 m
4. Row	146,73 m
5. Row	147,56 m
6. Row	148,40 m
7. Row	149,23 m

**BOX 26** 5,80 m **EXCELLENT**

<b>Date:</b> 149,65 - to - 155,45			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
98,1	95,5	94,7	1. Row	55°
51,00		51,00	2. Row	65°
45,00		45,00	3. Row	55°
97,00		97,00	4. Row	55°
5,00	ni		5. Row	25°
92,00		92,00	6. Row	15°
72,00		72,00	7. Row	
21,00		21,00		
66,00		66,00		
34,00		34,00		
5,00				
20,00		20,00		
12,00		12,00		
39,00		39,00		
10,00	ni			

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	150,06 m
2. Row	150,89 m
3. Row	151,72 m
4. Row	152,55 m
5. Row	153,38 m
6. Row	154,21 m
7. Row	155,04 m

**BOX 27** 5,81 m **EXCELLENT**

<b>Date:</b> 155,45 - to - 161,26			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,5	99,1	RQD 96,6	Degrees from horizontal	
60,00		60,00	1. Row	30°
2,00	ni		2. Row	90°
14,00		14,00	3. Row	65°
16,00		16,00	4. Row	55°
70,00		70,00	5. Row	60°
28,00		28,00	6. Row	55°
28,00		28,00	7. Row	
69,00		69,00		
60,00		60,00		
26,00		26,00		
8,00				
93,00		93,00		
7,00				
97,00		97,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	155,87 m
2. Row	156,70 m
3. Row	157,53 m
4. Row	158,36 m
5. Row	159,19 m
6. Row	160,02 m
7. Row	160,85 m

**BOX 28** 5,87 m **GOOD**

<b>Date:</b> 161,26 - to - 167,13			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 93,4	92,0	RQD 89,8	Degrees from horizontal	
31,00		31,00	1. Row	50°
23,00		23,00	2. Row	45°
12,00		12,00	3. Row	
8,00	ni		4. Row	
6,00			5. Row	40°
14,00		14,00	6. Row	55°
57,00		57,00	7. Row	
13,00		13,00		
16,00		16,00		
9,00		9,00		
10,00		10,00		
15,00		15,00		
15,00		15,00		
39,00		39,00	1. Row	
16,00		16,00	2. Row	
58,00		58,00	3. Row	
21,00		21,00	4. Row	
7,00			5. Row	
11,00		11,00	6. Row	
69,00		69,00	7. Row	
31,00		31,00		
43,00		43,00		
24,00		24,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	161,68 m
2. Row	162,52 m
3. Row	163,36 m
4. Row	164,20 m
5. Row	165,03 m
6. Row	165,87 m
7. Row	166,71 m

**BOX 29** 5,93 m **EXCELLENT**

<b>Date:</b> 167,13 - to - 173,06			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,1	98,1	QD	95,4	Degrees from horizontal	
84,00			84,00		1. Row	60°
10,00			10,00		2. Row	
95,00			95,00		3. Row	75°
7,00					4. Row	
91,00			91,00		5. Row	25°
6,00					6. Row	45°
87,00			87,00		7. Row	
3,00						
100,00			100,00			
99,00			99,00			

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	167,55 m
2. Row	168,40 m
3. Row	169,25 m
4. Row	170,10 m
5. Row	170,94 m
6. Row	171,79 m
7. Row	172,64 m

**BOX 30** 5,74 m **EXCELLENT**

<b>Date:</b> 173,06 - to - 178,80			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,1	99,1	QD	94,4	Degrees from horizontal	
88,00			88,00		1. Row	40°
6,00					2. Row	25°
3,00					3. Row	
4,00					4. Row	
6,00					5. Row	30°
67,00			67,00		6. Row	58°
18,00			18,00		7. Row	
4,00						
85,00			85,00			
4,00						
57,00			57,00			
20,00			20,00			
17,00			17,00			
21,00			21,00		1. Row	
36,00			36,00		2. Row	
39,00			39,00		3. Row	
17,00			17,00		4. Row	
56,00			56,00		5. Row	
21,00			21,00		6. Row	
					7. Row	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	173,47 m
2. Row	174,29 m
3. Row	175,11 m
4. Row	175,93 m
5. Row	176,75 m
6. Row	177,57 m
7. Row	178,39 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 279 meter  
**Casing/Overburden** 5,2 meter

**BOX 31** 5,85 m **EXCELLENT**

**Date:** 178,80 - to - 184,65  
**DIP ANGLE**  
**RECOVERY**  
**Total** **Solid** **Modified**  
 [cm] [cm] [cm]

REC	RQD	Degrees from horizontal
100,0	100,0	
82,00	82,00	1. Row 24°
17,00	17,00	2. Row
22,00	22,00	3. Row
11,00	11,00	4. Row 52°
63,00	63,00	5. Row 45°
96,00	96,00	6. Row
4,00		7. Row
4,00		
81,00	81,00	
4,00		
5,00		
4,00		
4,00		

REC	RQD	Degrees from horizontal
14,00	14,00	1. Row
9,00	9,00	2. Row
6,00		3. Row
4,00		4. Row
9,00	9,00	5. Row
42,00	42,00	6. Row
57,00	57,00	7. Row
47,00	47,00	

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	179,22 m
2. Row	180,05 m
3. Row	180,89 m
4. Row	181,73 m
5. Row	182,56 m
6. Row	183,40 m
7. Row	184,23 m

**BOX 32**      5,72 m      EXCELLENT

<b>Date:</b> 184,65 - to - 190,37			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,3	RQD	97,4	Degrees from horizontal
97,00		97,00		1. Row 18°
51,00		51,00		2. Row
42,00		42,00		3. Row
4,00				4. Row
93,00		93,00		5. Row 40°
3,00				6. Row 55°
93,00		93,00		7. Row
4,00				
48,00		48,00		
11,00		11,00		
30,00		30,00		
58,00		58,00		
34,00		34,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	185,06 m
2. Row	185,88 m
3. Row	186,69 m
4. Row	187,51 m
5. Row	188,33 m
6. Row	189,14 m
7. Row	189,96 m

**BOX 33**      5,68 m      EXCELLENT

<b>Date:</b> 190,37 - to - 196,05			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,6	RQD	99,6	Degrees from horizontal
98,00		98,00		1. Row
75,00		75,00		2. Row
19,00		19,00		3. Row 40°
92,00		92,00		4. Row 40°
80,00		80,00		5. Row
10,00		10,00		6. Row 38°
98,00		98,00		7. Row
94,00		94,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	190,78 m
2. Row	191,59 m
3. Row	192,40 m
4. Row	193,21 m
5. Row	194,02 m
6. Row	194,83 m
7. Row	195,64 m

**BOX 34**      5,92 m      EXCELLENT

<b>Date:</b> 196,05 - to - 201,97			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	95,3	RQD	93,2	Degrees from horizontal
97,00		97,00		1. Row
6,00				2. Row 55°
6,00				3. Row 60°
12,00	ni			4. Row 60°
71,00		71,00		5. Row 50°
96,00		96,00		6. Row 50°
97,00		97,00		7. Row
16,00		16,00		
78,00		78,00		
97,00		97,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	196,47 m
2. Row	197,32 m
3. Row	198,16 m
4. Row	199,01 m
5. Row	199,86 m
6. Row	200,70 m
7. Row	201,55 m

**BOX 35**      5,87 m      EXCELLENT

<b>Date:</b> 201,97 - to - 207,84			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	96,4	RQD	96,4	Degrees from horizontal
97,00		97,00		1. Row 65°
28,00		28,00		2. Row
10,00	ni			3. Row 35°
55,00		55,00		4. Row 65°
98,00		98,00		5. Row 45°
97,00		97,00		6. Row 55°
38,00		38,00		7. Row
56,00		56,00		
97,00		97,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	202,39 m
2. Row	203,23 m
3. Row	204,07 m
4. Row	204,91 m
5. Row	205,74 m
6. Row	206,58 m
7. Row	207,42 m

**BOX 36**      5,80 m      EXCELLENT

<b>Date:</b> 207,84 - to - 213,64			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	97,8	RQD	97,8	Degrees from horizontal
99,00		99,00		1. Row 65°
60,00		60,00		2. Row
34,00		34,00		3. Row 50°
99,00		99,00		4. Row 60°
98,00		98,00		5. Row 60°
79,00		79,00		6. Row
18,00		18,00		7. Row
80,00		80,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	208,25 m
2. Row	209,08 m
3. Row	209,91 m
4. Row	210,74 m
5. Row	211,57 m
6. Row	212,40 m
7. Row	213,23 m

**BOX 37**      5,85 m      EXCELLENT

<b>Date:</b> 213,64 - to - 219,49			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,0	RQD	99,0	Degrees from horizontal
99,00		99,00		1. Row
92,00		92,00		2. Row 60°
98,00		98,00		3. Row 70°
98,00		98,00		4. Row
98,00		98,00		5. Row 90°
12,00		12,00		6. Row 80°
82,00		82,00		7. Row

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	214,06 m
2. Row	214,89 m
3. Row	215,73 m
4. Row	216,57 m
5. Row	217,40 m
6. Row	218,24 m
7. Row	219,07 m

**BOX 38**      5,83 m      EXCELLENT

<b>Date:</b> 219,49 - to - 225,32			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,1	99,1	RQD 99,1	Degrees from horizontal	
98,00		98,00	1. Row	45°
98,00		98,00	2. Row	
51,00		51,00	3. Row	60°
48,00		48,00	4. Row	65°
98,00		98,00	5. Row	55°
96,00		96,00	6. Row	70°
64,00		64,00	7. Row	
25,00		25,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	219,91 m
2. Row	220,74 m
3. Row	221,57 m
4. Row	222,41 m
5. Row	223,24 m
6. Row	224,07 m
7. Row	224,90 m

**BOX 39**      5,76 m      EXCELLENT

<b>Date:</b> 225,32 - to - 231,08			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 98,1	98,1	RQD 98,1	Degrees from horizontal	
85,00		85,00	1. Row	75°
97,00		97,00	2. Row	65°
77,00		77,00	3. Row	
18,00		18,00	4. Row	
98,00		98,00	5. Row	70°
98,00		98,00	6. Row	85°
81,00		81,00	7. Row	
11,00		11,00		

Magnetic Susceptibility	
1. Row	0,22
2. Row	0,20
3. Row	0,08
4. Row	0,18
5. Row	0,16
6. Row	0,14
7. Row	

Measurement at	
1. Row	225,73 m
2. Row	226,55 m
3. Row	227,38 m
4. Row	228,20 m
5. Row	229,02 m
6. Row	229,85 m
7. Row	230,67 m

**BOX 40** 5,72 m **EXCELLENT**

<b>Date:</b> 231,08 - to - 236,80			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	100,0	RQD	100,0	Degrees from horizontal
89,00		89,00		1. Row
98,00		98,00		2. Row
76,00		76,00		3. Row
20,00		20,00		4. Row
98,00		98,00		5. Row
98,00		98,00		6. Row
93,00		93,00		7. Row

<b>Magnetic Susceptibility</b>	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

<b>Measurement at</b>	
1. Row	231,49 m
2. Row	232,31 m
3. Row	233,12 m
4. Row	233,94 m
5. Row	234,76 m
6. Row	235,57 m
7. Row	236,39 m

**BOX 41** 6,08 m **EXCELLENT**

<b>Date:</b> 236,80 - to - 242,88			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	99,3	RQD	97,0	Degrees from horizontal
98,00		98,00		1. Row
60,00		60,00		2. Row
36,00		36,00		3. Row
99,00		99,00		4. Row
14,00		14,00		5. Row 31°
7,00				6. Row
16,00		16,00		7. Row 79°
9,00		9,00		
25,00		25,00		
29,00		29,00		
7,00				
97,00		97,00		
97,00		97,00		
10,00		10,00		

<b>Magnetic Susceptibility</b>	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

<b>Measurement at</b>	
1. Row	237,23 m
2. Row	238,10 m
3. Row	238,97 m
4. Row	239,84 m
5. Row	240,71 m
6. Row	241,58 m
7. Row	242,45 m

**BOX 42**      5,82 m      **EXCELLENT**

<b>Date:</b> 242,88 - to - 248,70			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,8	99,8	RQD	98,8	Degrees from horizontal
	99,00		99,00		1. Row
	98,00		98,00		2. Row 47°
	97,00		97,00		3. Row 53°
	20,00		20,00		4. Row 45°
	6,00				5. Row 73°
	9,00		9,00		6. Row
	58,00		58,00		7. Row
	96,00		96,00		
	98,00		98,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	243,30 m
2. Row	244,13 m
3. Row	244,96 m
4. Row	245,79 m
5. Row	246,62 m
6. Row	247,45 m
7. Row	248,28 m

**BOX 43**      5,74 m      **GOOD**

<b>Date:</b> 248,70 - to - 254,44			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	83,6	83,6	RQD	83,6	Degrees from horizontal
	45,00		45,00		1. Row 72°
	49,00		49,00		2. Row 31°
	96,00		96,00		3. Row
	58,00		58,00		4. Row
	34,00		34,00		5. Row
	99,00		99,00		6. Row 54°
	99,00		99,00		7. Row

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	249,11 m
2. Row	249,93 m
3. Row	250,75 m
4. Row	251,57 m
5. Row	252,39 m
6. Row	253,21 m
7. Row	254,03 m

**BOX 44**      5,75 m      **EXCELLENT**

**Date:** 254,44 - to - 260,19  
**DIP ANGLE**  
**RECOVERY**  
**Total**      **Solid**      **Modified**  
[cm]      [cm]      [cm]  
**Fractures**  
**Foliation or bedding**

REC	99,7	RQD	99,7	Degrees from horizontal
64,00		64,00		1. Row 55°
32,00		32,00		2. Row 63°
96,00		96,00		3. Row 28°
96,00		96,00		4. Row
87,00		87,00		5. Row 22°
26,00		26,00		6. Row 25°
97,00		97,00		7. Row
75,00		75,00		

**Magnetic Susceptibility**

1. Row  
2. Row  
3. Row  
4. Row  
5. Row  
6. Row  
7. Row

**Measurement at**

1. Row 254,85 m  
2. Row 255,67 m  
3. Row 256,49 m  
4. Row 257,32 m  
5. Row 258,14 m  
6. Row 258,96 m  
7. Row 259,78 m

**BOX 45**      5,78 m      **EXCELLENT**

**Date:** 260,19 - to - 265,97  
**DIP ANGLE**  
**RECOVERY**  
**Total**      **Solid**      **Modified**  
[cm]      [cm]      [cm]  
**Fractures**  
**Foliation or bedding**

REC	99,5	RQD	99,5	97,8	Degrees from horizontal
91,00		91,00			1. Row
98,00		98,00			2. Row
98,00		98,00			3. Row 58°
85,00		85,00			4. Row 27°
12,00		12,00			5. Row 30°
3,00					6. Row 88°
92,00		92,00			7. Row
18,00		18,00			
13,00		13,00			
7,00					
9,00		9,00			
9,00		9,00			
12,00		12,00			
9,00		9,00			
19,00		19,00			

**Magnetic Susceptibility**

1. Row  
2. Row  
3. Row  
4. Row  
5. Row  
6. Row  
7. Row

**Measurement at**

1. Row 260,60 m  
2. Row 261,43 m  
3. Row 262,25 m  
4. Row 263,08 m  
5. Row 263,91 m  
6. Row 264,73 m  
7. Row 265,56 m

<b>Drill methode:</b>	Core
<b>Core:</b>	BQ TK60/40.7
<b>Diameter:</b>	40,7 mm
<b>Length:</b>	279 meter
<b>Casing/Overburden</b>	5,2 meter

**BOX 46** 5,63 m **FAIR**

**Date:** 265,97 - to - 271,60 **DIP ANGLE**

RECOVERY			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,3	90,2	66,6

43,00	43,00	1. Row 44°
52,00	52,00	2. Row
5,00		3. Row 70°
2,00		4. Row 42°
8,00		5. Row
22,00	22,00	6. Row
29,00	29,00	7. Row

REC	RQD	Degrees from horizontal
99,3	90,2	66,6

5,00		
8,00		
9,00	9,00	
5,00		
8,00		
9,00	9,00	
5,00		1. Row
8,00		2. Row
16,00	16,00	3. Row
16,00	16,00	4. Row
12,00	12,00	5. Row
7,00		6. Row
8,00		7. Row

REC	RQD	Degrees from horizontal
99,3	90,2	66,6

9,00	9,00	
9,00	9,00	
10,00	10,00	
12,00	12,00	
15,00	15,00	
11,00	11,00	
10,00	10,00	1. Row 266,37 m
6,00		2. Row 267,18 m
4,00		3. Row 267,98 m
8,00		4. Row 268,79 m
7,00		5. Row 269,59 m
6,00		6. Row 270,39 m
7,00		7. Row 271,20 m

REC	RQD	Degrees from horizontal
99,3	90,2	66,6

9,00	9,00	
17,00	17,00	
16,00	16,00	
9,00	9,00	
4,00		
11,00	11,00	
7,00		
10,00	10,00	
3,00		
5,00		
7,00		
23,00	ni	
28,00	ni	
19,00		19,00

**BOX 47**      5,88 m      **EXCELLENT**

<b>Date:</b> 271,60 - to - 277,48			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
95,7	94,2	93,4	1. Row	70°
57,00		57,00	2. Row	
35,00		35,00	3. Row	48°
100,00		100,00	4. Row	
79,00		79,00	5. Row	52°
5,00			6. Row	55°
9,00		9,00	7. Row	
97,00		97,00		
13,00		13,00		
9,00	ni			
47,00		47,00		
16,00		16,00		
72,00		72,00		
24,00		24,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	272,02 m
2. Row	272,86 m
3. Row	273,70 m
4. Row	274,54 m
5. Row	275,38 m
6. Row	276,22 m
7. Row	277,06 m

**BOX 48**      1,60 m      **GOOD**

<b>Date:</b> 277,48 - to - 279,08			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
98,8	87,5	87,5	1. Row	56°
93,00		93,00	2. Row	73°
30,00		30,00	3. Row	
18,00	ni		4. Row	
17,00		17,00	5. Row	
			6. Row	
			7. Row	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	277,59 m
2. Row	277,82 m
3. Row	278,05 m
4. Row	278,28 m
5. Row	278,51 m
6. Row	278,74 m
7. Row	278,97 m

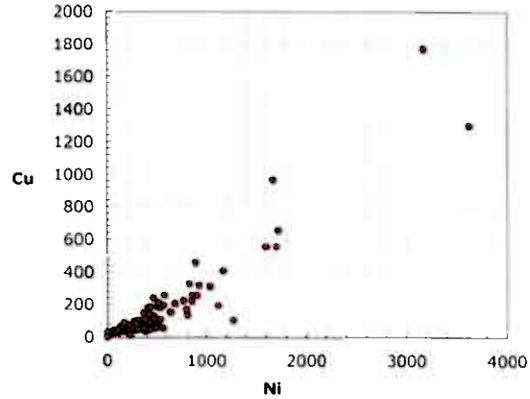
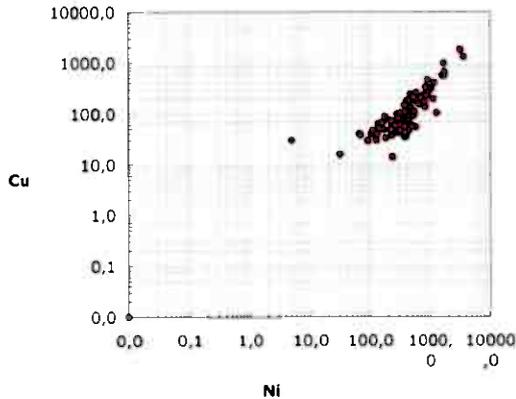


YEAR		2007		Info of Borehole				SH			
<b>Drill Date:</b> 24. Sep				<b>Ballangen DDH-07 SH-014</b>							
<b>HOLE ID:</b> SH-014											
<b>Project:</b> Ballangen		<b>Location:</b> Rånbogen		<b>Project manager:</b> Søren Lund Jensen							
<b>Northing:</b> 7583367		<b>Elevation:</b> 515 meter [asl]		<b>Drill method:</b> Core							
<b>Easting:</b> 584378		<b>Geologist:</b> Mikkel Vognsen		<b>Core:</b> BQ (K60/40.7)		<b>Diameter:</b> 40,7 mm					
<b>Datum:</b> WGS84		<b>Logged by:</b> Mikkel Vognsen		<b>Length:</b> 196,29 meter							
<b>Bearing:</b> 140°		<b>Logged date:</b> 15. april 2008		<b>Average REC/RQD:</b> 96,4 pct. / 93,9 pct.							
<b>Dip:</b> -45°		<b>Survey date:</b> -		<b>by:</b> -		<b>Casing/overburden:</b> 5,7 meter					
<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338											
Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54											

**COMMENTS/PURPOSE**

Testing of core zone of significant EM anomaly identified from SkyTEM 2005 and 2006

SULPHIDES					Quartz	ALTERATION					Recovery	Dip	GEOCHEMISTRY					Mag. Susc. 10 <sup>-3</sup> SI
Po	Pn	Cp	Gph	X		Grt	Bio	Chl	Phl	Serp	pct	angle degree	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	



**DDH ORIENTATION / DIP-TEST**

Tool Measurements	No measurements		
- Azimute	n.a	n.a	n.a
- Dip	n.a	n.a	n.a
- Depth	n.a	n.a	n.a

**LITHOLOGY**

- A - ALT/DYKE/PEG - Alteration - dyke - pegmatite
- B - MGN - Gneiss
- C - NO - Norite
- D - ONO - Olivinenorite
- E - OPX - Olivinepyroxenite (Ol-websterite)
- F - CPX - Olivinepyroxenite (Ol-websterite)
- G - PRD - Peridotite
- H - PX - Pyroxenite (Websterite)
- I - M - Mineralisation
- coh - End of Hole

**DESCRIPTIVE STATISTIC**

	Ni	Cu
- Mean	527,26	154,79
- Median	402,50	79,50
- Minimum	5,00	14,00
- Maximum	3620,00	1770,00
- Standard Deviation	532,15	243,76
- Numbers	104,00	104,00
- Curtosis	15,99	23,43
- Skewness	3,53	4,44
- Variance	283187	59417
- Detection Limit	5,00	14,00

**SULPHIDES**

- 1. - Pyrrhotite **Po.**
- 2. - Pentlandite **Pn.**
- 3. - Chalcopyrite **Cp.**
- 4. - Graphite **Gph.**
- 5. - X **X.**

**ALTERATION**

- 6. - Garnet **Grt.**
- 7. - Biotite **Bio.**
- 8. - Chlorite **Chl.**
- 9. - Phlogopite **Phl.**
- 10. - Serpentine **Serp.**

**GEOCHEMISTRY**

- 11. - Nickel **Ni** [ppm]
- 12. - Copper **Cu** [ppm]
- 13. - Iron **Fe** [pct]
- 14. - Gold **Au** [ppb]
- 15. - Cobalt **Co** [ppm]

**MAGNETIC SUSCEPTIBILITY**

16. - Magnetic Susceptibility **Mag. Susc. 10<sup>-3</sup> SI MS**

**ROSE DIAGRAM**

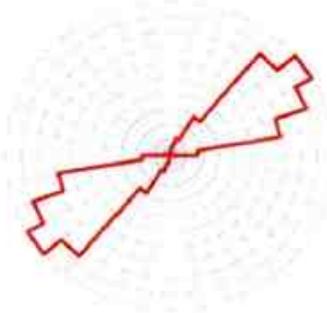
**2-DIMENSIONAL ORIENTATION ANALYSES**

**FRACTURES**

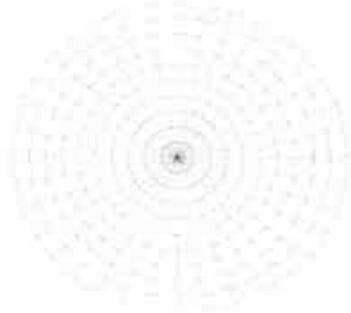
- Calculation Methode	Frequency
- Class Interval	10°
- Data Type	Bidirectional
- Population	143
- Mean	55,74°
- Standard Deviation	14,82°
- Maximum Petal	12,24 pct.
- Standard Deviation Petal	3,3 pct.

**FOLIATION OR BEDDING**

- Calculation Methode	Frequency
- Class Interval	10°
- Data Type	Bidirectional
- Population	143
- Mean	55,74°
- Standard Deviation	14,82°
- Maximum Petal	12,24 pct.
- Standard Deviation Petal	3,3 pct.



FRACTURES



FOLIATION OR BEDDING

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	24. Sep		<b>Ballangen DDH-07 SH-014</b>		
<b>HOLE ID:</b>	SH-014				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	196,29 meter
<b>Bearing:</b>	140°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	96,4 pct. / 93,9 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>		<b>Casing/overburden:</b>	5,7 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54

Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag	Supc. 10 SI
				Po	Pn	Co	Gph	X		Grt	Bi	Chl	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]		
0		0-5,7m: Soil Casing.																				
5.7	G	5,7-7,4m: PRD! Highly altered peridotite. Phi-dominated alteration mineral assemblage.																				
7.4	B	7,4-8,2m: GN! Grt-bearing msc. rich gneiss.																				
8.2	G	8,2-11,0m: PRD! Semi-altered peridotite. Mdgrd apx-ol-rich rock. Few and rare frozen sulphide droplets. No poikilitic texture.																				
11.0	D	11,0-18,2m: ONO - NO! Mixed noritic interval of felsic and mafic noritic dykes, with various semi- to altered minor sulphide mineralised peridotite intervals.																				

BOX 1

BOX 2

<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	24. Sep		<b>Ballangen DDH-07 SH-014</b>		
<b>HOLE ID:</b>	SH-014				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	196,29 meter
<b>Bearing:</b>	140°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	96,4 pct. / 93,9 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	5,7 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 % SI
				Po.	Py.	Cu.	Gph.	X.		Grt.	Bl.	Chl.	Phl.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	
18,2-20,0m	G	PRD <sup>1</sup> Semialtered peridotite. Mdgrd opx-ol-rich rock. Few and rare frozen sulphide droplets. No poikilitic texture.													20							
20,0-22,6m	C	NO <sup>1</sup> Felsic norite dyke. Pronounced magmatic layering.													20							
22,6-25,3m	G	PRD <sup>1</sup> Semi- to highly altered peridotite																				
25,3-26,0m	B	GNI Grt bearing msc-rich gneiss													20							
26,0-27,0m	G	PRD <sup>1</sup> C- to mdgrd dark green/blackish phaneritic rock. Only very few opx-cpx poikiloblasts. The PRD is cross-cut by several <10 cm noritic pegmatites. Few felsic veins cross cut the PRD and produce localised minor alteration. Sulphides are only present rarely, as frozen droplets and in places very fgrd interstitial dissemination.													80							

BOX 3

BOX 4

BOX 5













**Drill Date:** 24. Sep  
**HOLE ID:** SH-014  
**Project:** Ballangen **Location:** Rånbogen **Project manager:** Søren Lund Jensen  
**Northing:** 7583367 **Elevation:** 515 meter (asl) **Drill method:** Core  
**Easting:** 584378 **Geologist:** Mikkel Vognsen **Core:** BQ TK60/40.7 **Diameter:** 40,7 mm  
**Datum:** WGS84 **Logged by:** Mikkel Vognsen **Length:** 196,29 meter  
**Bearing:** 140° **Logged date:** 15. april 2008 **Average REC/RQD:** 96,4 pct. / 93,9 pct.  
**Dip:** -45° **Survey date:** - **by:** - **Casing/overburden:** 5,7 meter   
**Contractor:** Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Sunc. 10 / 51
				Po	Pn	Cp	Gph.	X		Grt.	Bi.	Chl.	Phl.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
138,0-141,8m	C	NOI Felsic norite. Sharp intrusive contacts. Fragments of cpx within the norite dyke.																			
141,8-143,6m	F	CPX! Pl-bearing m-cgrd cpx dominated pyroxenite. Opx dominated patches occur. Sulphides							1												
143,6-144,2m	C	NOI Felsic norite dyke.							1												
144,2-145,0m	D	ONO! Mafic norite.																			
145,0-147,2m	C	NOI Felsic norite. Magmatic foliation.																			
147,2-147,9m	D	ONO! Fgrd cpx rich norite dyke. Sharp																			
147,9-149,3m	C	NOI Felsic norite.																			
149,3-152,8m	D	ONO! Mafic norite. Relative sharp upper and lower boundaries.																			
152,8-156,6m	G	PRDI Ol-rich Fimstgrd dark green																			

BOX 25

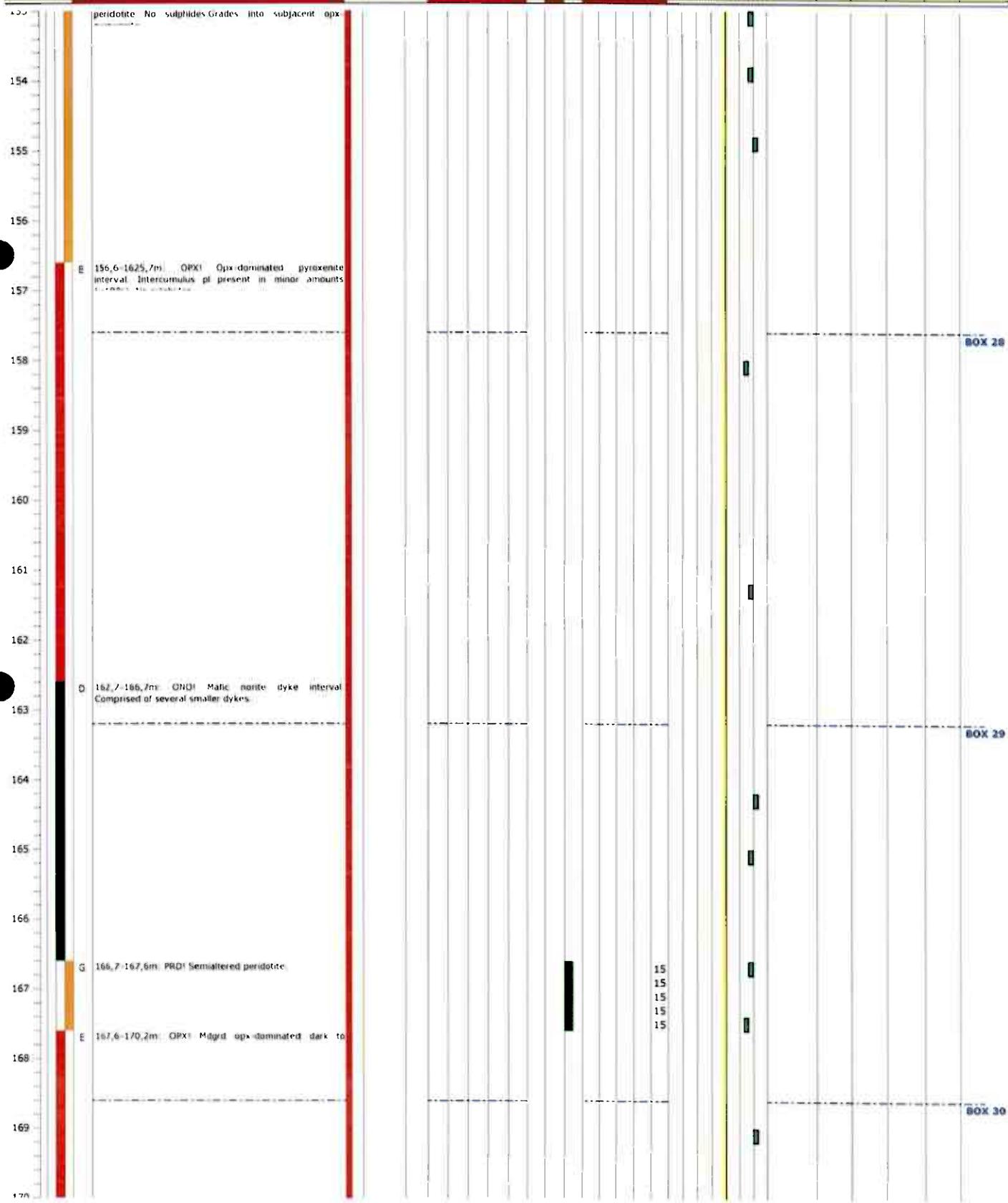
BOX 26

BOX 27

**Drill Date:** 24 Sep  
**HOLE ID:** SH-014  
**Project:** Ballangen **Location:** Rånbogen **Project manager:** Soren Lund Jensen  
**Northing:** 7583367 **Elevation:** 515 meter (asl) **Drill method:** Core  
**Easting:** 584378 **Geologist:** Mikkel Vognsen **Core:** BQ TK60/40.7 **Diameter:** 40,7 mm  
**Datum:** WGS84 **Logged by:** Mikkel Vognsen **Length:** 196,29 meter  
**Bearing:** 140° **Logged date:** 15. april 2008 **Average REC/RQD:** 96,4 pct. / 93,9 pct.  
**Dip:** -45° **Survey date:** - **by:** - **Casing/overburden:** 5,7 meter   
**Contractor:** Diamantboring Nørd AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338

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Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-5</sup> SI
		Description			Pb	Pn	Cs	Gph	X		Gt	Bi	Ch	Ph			Serp	Ni (ppm)	Cu (ppm)	Fe (pct)	Au (ppb)	



<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	24. Sep		<b>Ballangen DDH-07 SH-014</b>		
<b>HOLE ID:</b>	SH-014				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter (asl)	<b>Drill method:</b>	Core
<b>Eastng:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	196,29 meter
<b>Bearing:</b>	140°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	96,4 pct. / 93,9 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				<b>Casing/overburden:</b> 5,7 meter <input type="checkbox"/>
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Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem				Mag Susc. 10 <sup>-5</sup> SI
		Description			Po	Pn	Cp	Gph.	X		Gr.	Bi.	Ch.	Phl.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	
170,2 - 172,0m	F	CPX1																			
172,0 - 173,2m	E	OPX1 Mg-grd opx dominated dark to																			
173,2 - 181,4m	F	CPX1 Fgrd cpx dominated pyroxenite with pronounced mineral orientation																			
181,4 - 183,9m	A	Mixed grt bearing gneiss and serpentinitised phl-rich schistose rock													25	5	25	5	25	5	
183,9 - 185,0m	B	Gneiss! Grt bearing 2mica gneiss													25	5	25	5	25	5	
185,0 - 196,29m	A	Mixed grt-bearing gneiss and serpentinitised phl-rich schistose rock													25	5	25	5	25	5	

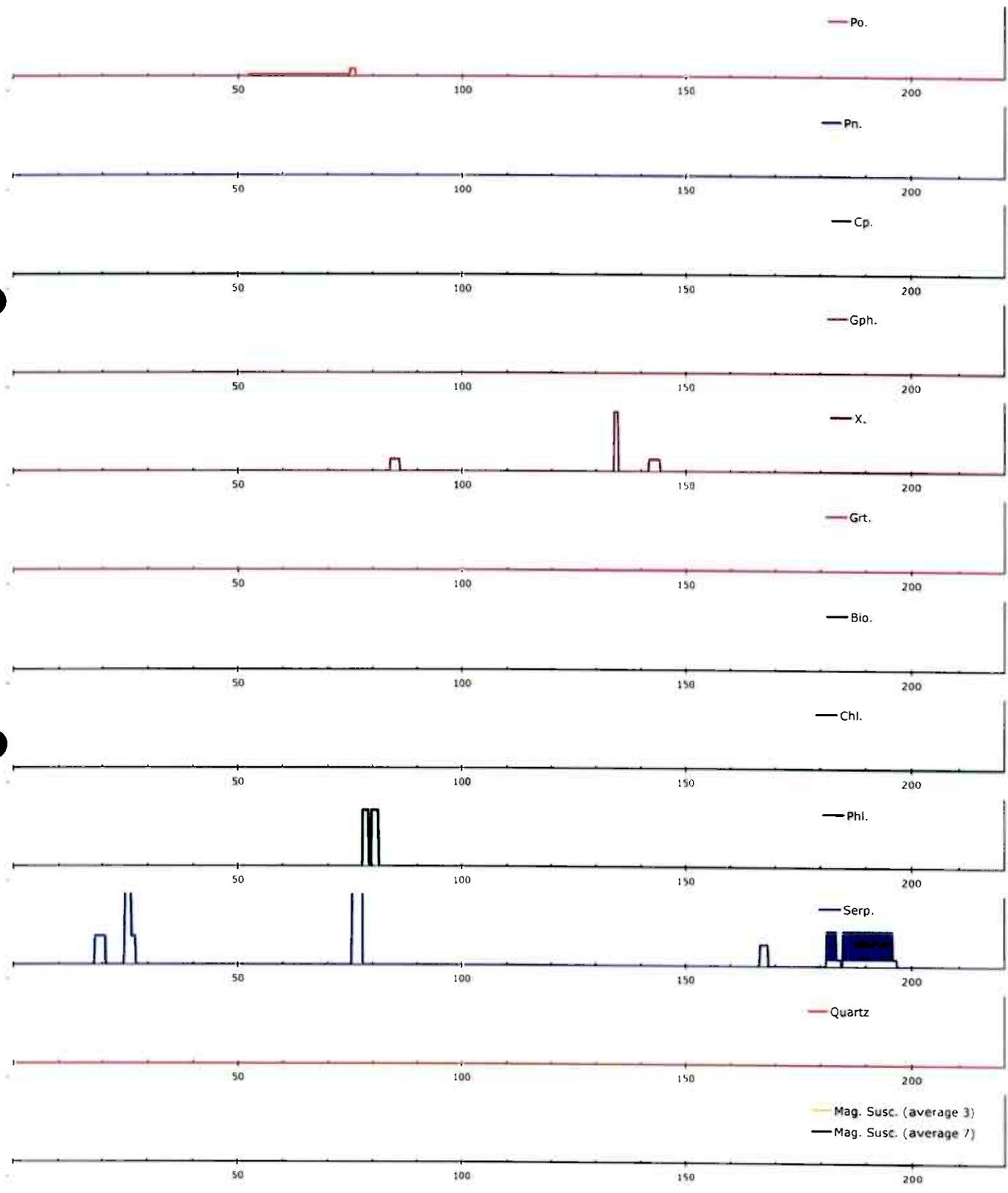
BOX 31

BOX 32

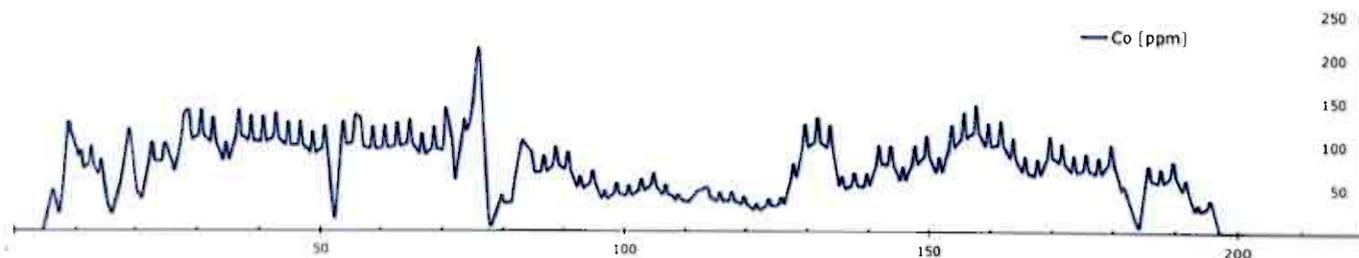
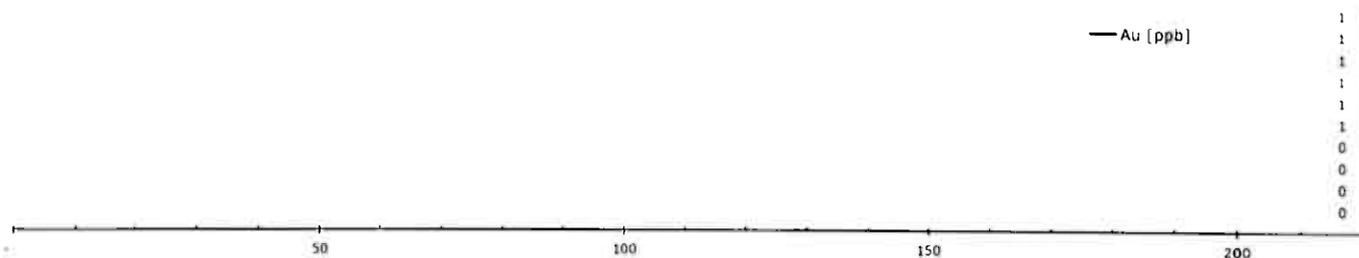
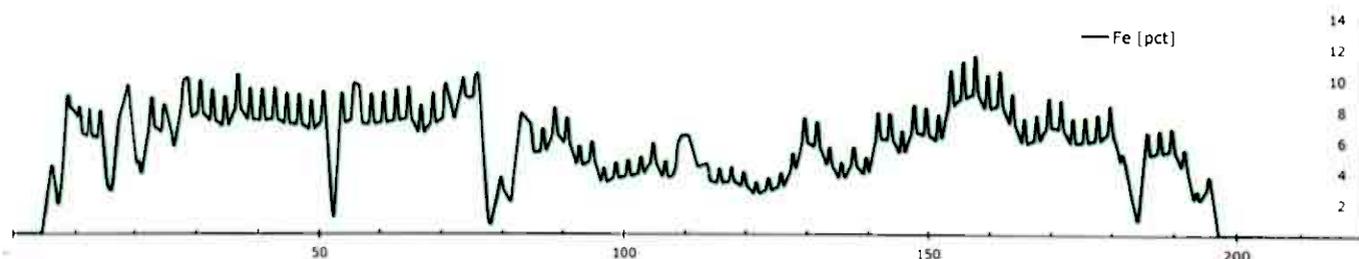
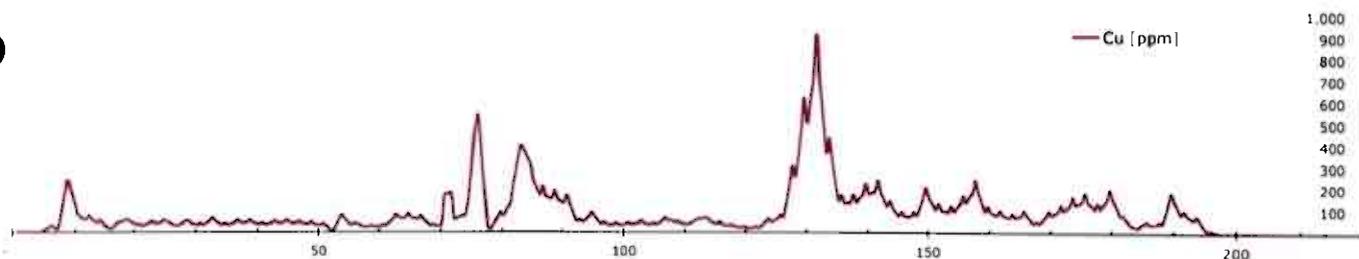
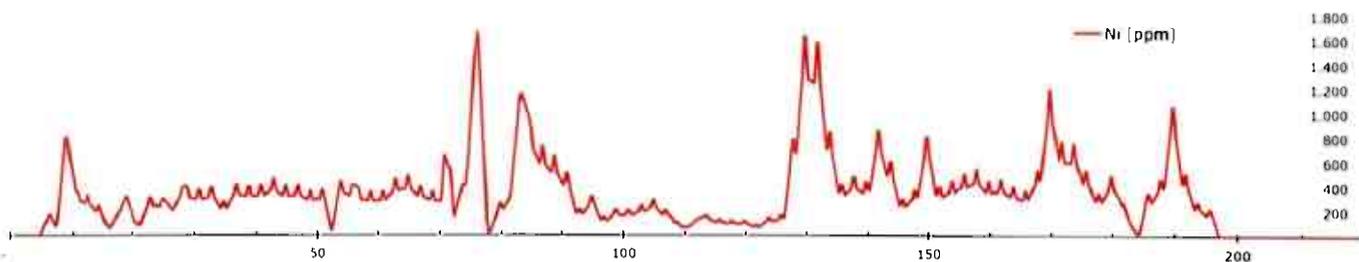
BOX 33



YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b>	24 September			<b>Ballangen DDH-07 SH-014</b>			
<b>HOLE ID:</b>	SH-014						
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbøgen	<b>Project manager:</b>	Søren Lund Jensen		
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter [asl]	<b>Drill method:</b>	Core		
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	196,29 meter		
<b>Bearing:</b>	140°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	96,4 pct. / 93,9 pct.		
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-	<b>Casing/overburden:</b>	5,7 meter
<b>Contractor:</b>	Diamantboring Nørd AS, P.O. Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
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YEAR		2007		Log of Borehole		SH	
Drill Date:	24 September	<b>Ballangen DDH-07 SH-014</b>				Project manager: Soren Lund Jensen	
HOLE ID:	SH-014						
Project:	Ballangen	Location:	Ranbogen	Drill method:	Core	Diameter: 40,7 mm	
Northing:	7583367	Elevation:	515 meter [asl]	Core:	BQ TK60/40.7		
Easting:	584378	Geologist:	Mikkel Vognsen	Length:	196,29 meter	Average REC/RQD: 96,4 pct. / 93,9 pct.	
Datum:	WGS84	Logged by:	Mikkel Vognsen	Casing/overburden:	5,7 meter		
Bearing:	140°	Survey date:	15. april 2008	by: -		Contractor: Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338	
Dip:	-45°						
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**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 196 meter  
**Casing/Overburden:** 5,7 meter

**BOX 1** 5,75 m **GOOD**

Date:			DIP ANGLE	
5,70 - to - 11,45			Fractures	Foliation or bedding
RECOVERY				
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal
96,0	86,3	84,9	
34,00		34,00	1. Row
5,00	ni		2. Row 47°
15,00		15,00	3. Row
2,00	ni		4. Row
23,00		23,00	5. Row
12,00	ni		6. Row 66°
22,00	ni		7. Row
17,00		17,00	
4,00	ni		
8,00			
3,00	ni		
17,00		17,00	
8,00	ni		
12,00		12,00	1. Row
90,00		90,00	2. Row
14,00		14,00	3. Row
81,00		81,00	4. Row
97,00		97,00	5. Row
44,00		44,00	6. Row
44,00		44,00	7. Row

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	6,11 m
2. Row	6,93 m
3. Row	7,75 m
4. Row	8,58 m
5. Row	9,40 m
6. Row	10,22 m
7. Row	11,04 m

**BOX 2** 5,55 m **EXCELLENT**

<b>Date:</b> 11,45 [redacted] 17,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,5	99,5	RQD 99,5	Degrees from horizontal	
94,00		94,00	1. Row	65°
93,00		93,00	2. Row	32°
68,00		68,00	3. Row	43°
17,00		17,00	4. Row	40°
88,00		88,00	5. Row	58°
95,00		95,00	6. Row	57°
97,00		97,00	7. Row	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row 11,85 m
2. Row 12,64 m
3. Row 13,43 m
4. Row 14,23 m
5. Row 15,02 m
6. Row 15,81 m
7. Row 16,60 m

**BOX 3** 5,68 m **EXCELLENT**

<b>Date:</b> 17,00 - to - 22,68			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 100,0	99,6	RQD 99,6	Degrees from horizontal	
94,00		94,00	1. Row	37°
2,00	ni		2. Row	25°
94,00		94,00	3. Row	52°
93,00		93,00	4. Row	62°
18,00		18,00	5. Row	65°
76,00		76,00	6. Row	57°
97,00		97,00	7. Row	
26,00		26,00		
68,00		68,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row 17,41 m
2. Row 18,22 m
3. Row 19,03 m
4. Row 19,84 m
5. Row 20,65 m
6. Row 21,46 m
7. Row 22,27 m

**BOX 4**      5,44 m      **EXCELLENT**

<b>Date:</b> 22,68 - to - 28,12			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	Solid	RQD	Degrees from horizontal	
92,8	90,1	90,1		
31,00		31,00	1. Row	63°
62,00		62,00	2. Row	40°
16,00		16,00	3. Row	39°
79,00		79,00	4. Row	42°
85,00		85,00	5. Row	58°
4,00	ni		6. Row	
11,00	ni		7. Row	
83,00		83,00		
41,00		41,00		
93,00		93,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	23,07 m
2. Row	23,85 m
3. Row	24,62 m
4. Row	25,40 m
5. Row	26,18 m
6. Row	26,95 m
7. Row	27,73 m

**BOX 5**      7,53 m      **FAIR**

<b>Date:</b> 28,12 - to - 35,65			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	Solid	RQD	Degrees from horizontal	
74,5	74,5	74,5		
43,00		43,00	1. Row	80°
48,00		48,00	2. Row	72°
28,00		28,00	3. Row	
23,00		23,00	4. Row	
44,00		44,00	5. Row	
97,00		97,00	6. Row	52°
69,00		69,00	7. Row	
22,00		22,00		
95,00		95,00		
92,00		92,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	28,66 m
2. Row	29,73 m
3. Row	30,81 m
4. Row	31,89 m
5. Row	32,96 m
6. Row	34,04 m
7. Row	35,11 m

**BOX 6** 3,63 m **EXCELLENT**

<b>Date:</b> 35,65 - to - 39,28			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 96,1	96,1	RQD 95,0	Degrees from horizontal	
33,00		33,00	1. Row	42°
19,00		19,00	2. Row	70°
4,00			3. Row	79°
10,00		10,00	4. Row	61°
86,00		86,00	5. Row	65°
93,00		93,00	6. Row	68°
46,00		46,00	7. Row	
46,00		46,00		
12,00		12,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	35,91 m
2. Row	36,43 m
3. Row	36,95 m
4. Row	37,47 m
5. Row	37,98 m
6. Row	38,50 m
7. Row	39,02 m

**BOX 7** 5,62 m **EXCELLENT**

<b>Date:</b> 39,28 - to - 44,90			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 98,2	95,0	RQD 92,2	Degrees from horizontal	
97,00		97,00	1. Row	77°
37,00		37,00	2. Row	
23,00		23,00	3. Row	65°
11,00		11,00	4. Row	70°
8,00			5. Row	
8,00			6. Row	45°
79,00		79,00	7. Row	
10,00	ni			
66,00		66,00		
8,00	ni			
19,00		19,00		
72,00		72,00		
25,00		25,00		
89,00		89,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	39,68 m
2. Row	40,48 m
3. Row	41,29 m
4. Row	42,09 m
5. Row	42,89 m
6. Row	43,70 m
7. Row	44,50 m

**BOX 8**      5,62 m      **GOOD**

<b>Date:</b> 44,90 - to - 50,52			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,5	84,2	84,2
94,00	94,00	1. Row 90°
96,00	96,00	2. Row 64°
22,00	22,00	3. Row 74°
72,00	72,00	4. Row
98,00	98,00	5. Row
86,00	ni	6. Row
40,00	40,00	7. Row
51,00	51,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	45,30 m
2. Row	46,10 m
3. Row	46,91 m
4. Row	47,71 m
5. Row	48,51 m
6. Row	49,32 m
7. Row	50,12 m

**BOX 9**      5,48 m      **FAIR**

<b>Date:</b> 50,52 - to - 56,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
65,5	56,8	50,9
4,00		1. Row
37,00	37,00	2. Row
13,00	13,00	3. Row 60°
4,00		4. Row 47°
1,00		5. Row
21,00	ni	6. Row 52°
64,00	64,00	7. Row
27,00	ni	
95,00	95,00	
42,00	42,00	
28,00	28,00	
6,00		
6,00		
5,00		
6,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	50,91 m
2. Row	51,69 m
3. Row	52,48 m
4. Row	53,26 m
5. Row	54,04 m
6. Row	54,83 m
7. Row	55,61 m

**BOX 10** 5,65 m **EXCELLENT**

<b>Date:</b> 56,00 - to - 61,65			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,9	RQD	98,1	Degrees from horizontal
92,00		92,00		1. Row
97,00		97,00		2. Row
98,00		98,00		3. Row
5,00				4. Row
78,00		78,00		5. Row
93,00		93,00		6. Row
96,00		96,00		7. Row

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	56,40 m
2. Row	57,21 m
3. Row	58,02 m
4. Row	58,83 m
5. Row	59,63 m
6. Row	60,44 m
7. Row	61,25 m

**BOX 11** 5,64 m **EXCELLENT**

<b>Date:</b> 61,65 - to - 67,29			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,4	RQD	98,4	Degrees from horizontal
28,00		28,00		1. Row 76°
64,00		64,00		2. Row 70°
92,00		92,00		3. Row 45°
92,00		92,00		4. Row 55°
52,00		52,00		5. Row 76°
39,00		39,00		6. Row 76°
97,00		97,00		7. Row
91,00		91,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	62,05 m
2. Row	62,86 m
3. Row	63,66 m
4. Row	64,47 m
5. Row	65,28 m
6. Row	66,08 m
7. Row	66,89 m

**BOX 12** 5,76 m **EXCELLENT**

<b>Date:</b> 67,29 - to - 73,05			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	RQD 100,0	Degrees from horizontal
70,00	70,00	1. Row 80°
25,00	25,00	2. Row 84°
99,00	99,00	3. Row 65°
97,00	97,00	4. Row 40°
80,00	80,00	5. Row 34°
15,00	15,00	6. Row 74°
96,00	96,00	7. Row
94,00	94,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	67,70 m
2. Row	68,52 m
3. Row	69,35 m
4. Row	70,17 m
5. Row	70,99 m
6. Row	71,82 m
7. Row	72,64 m

**BOX 13** 5,65 m **EXCELLENT**

<b>Date:</b> 73,05 - to - 78,70			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,6	RQD 97,9	Degrees from horizontal
96,00	96,00	1. Row 45°
95,00	95,00	2. Row 75°
93,00	93,00	3. Row 45°
79,00	79,00	4. Row 30°
4,00	ni	5. Row 15°
12,00	12,00	6. Row 15°
13,00	13,00	7. Row
6,00	ni	
75,00	75,00	
90,00	90,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	73,45 m
2. Row	74,26 m
3. Row	75,07 m
4. Row	75,88 m
5. Row	76,68 m
6. Row	77,49 m
7. Row	78,30 m

**BOX 14** 5,50 m **EXCELLENT**

<b>Date:</b> 78,70 - to - 84,20			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	98,4	RQD	Degrees from horizontal	
99,1		97,1		
9,00		9,00	1. Row	40°
4,00	ni		2. Row	65°
7,00			3. Row	58°
66,00		66,00	4. Row	55°
43,00		43,00	5. Row	50°
49,00		49,00	6. Row	85°
89,00		89,00	7. Row	
94,00		94,00		
65,00		65,00		
27,00		27,00		
92,00		92,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	79,09 m
2. Row	79,88 m
3. Row	80,66 m
4. Row	81,45 m
5. Row	82,24 m
6. Row	83,02 m
7. Row	83,81 m

**BOX 15** 5,61 m **EXCELLENT**

<b>Date:</b> 84,20 - to - 89,81			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	98,4	RQD	Degrees from horizontal	
98,4		97,1		
83,00		83,00	1. Row	60°
85,00		85,00	2. Row	60°
7,00			3. Row	75°
97,00		97,00	4. Row	70°
96,00		96,00	5. Row	54°
94,00		94,00	6. Row	55°
9,00		9,00	7. Row	
81,00		81,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	84,60 m
2. Row	85,40 m
3. Row	86,20 m
4. Row	87,01 m
5. Row	87,81 m
6. Row	88,61 m
7. Row	89,41 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 196 meter  
**Casing/Overburden** 5,7 meter

**BOX 16** 5,58 m **EXCELLENT**

Date:			DIP ANGLE	
89,81 - to - 95,39			Fractures	Foliation or bedding
RECOVERY				
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,3	99,3	
92,00	92,00	1. Row 46°
97,00	97,00	2. Row
31,00	31,00	3. Row 50°
56,00	56,00	4. Row 45°
96,00	96,00	5. Row 60°
93,00	93,00	6. Row 58°
50,00	50,00	7. Row
39,00	39,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	90,21 m
2. Row	91,01 m
3. Row	91,80 m
4. Row	92,60 m
5. Row	93,40 m
6. Row	94,19 m
7. Row	94,99 m

**BOX 17** 5,73 m **EXCELLENT**

<b>Date:</b> 95,39 - to - 101,12			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,3	99,3	RQD 99,3	Degrees from horizontal	
90,00		90,00	1. Row	
98,00		98,00	2. Row	57°
74,00		74,00	3. Row	
19,00		19,00	4. Row	
99,00		99,00	5. Row	40°
96,00		96,00	6. Row	55°
82,00		82,00	7. Row	
11,00		11,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	95,80 m
2. Row	96,62 m
3. Row	97,44 m
4. Row	98,26 m
5. Row	99,07 m
6. Row	99,89 m
7. Row	100,71 m

**BOX 18** 5,08 m **EXCELLENT**

<b>Date:</b> 101,12 - to - 106,20			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 98,0	98,0	RQD 96,9	Degrees from horizontal	
96,00		96,00	1. Row	60°
94,00		94,00	2. Row	
96,00		96,00	3. Row	55°
6,00			4. Row	53°
89,00		89,00	5. Row	63°
97,00		97,00	6. Row	34°
20,00		20,00	7. Row	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	101,48 m
2. Row	102,21 m
3. Row	102,93 m
4. Row	103,66 m
5. Row	104,39 m
6. Row	105,11 m
7. Row	105,84 m

**BOX 19**      6,15 m      EXCELLENT

<b>Date:</b> 106,20 - to - 112,35			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 90,9	90,9	RQD 90,9	Degrees from horizontal	
21,00		21,00	1. Row	54°
69,00		69,00	2. Row	66°
88,00		88,00	3. Row	57°
95,00		95,00	4. Row	
52,00		52,00	5. Row	70°
40,00		40,00	6. Row	70°
96,00		96,00	7. Row	
98,00		98,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	106,64 m
2. Row	107,52 m
3. Row	108,40 m
4. Row	109,28 m
5. Row	110,15 m
6. Row	111,03 m
7. Row	111,91 m

**BOX 20**      5,65 m      EXCELLENT

<b>Date:</b> 112,35 - to - 118,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,5	99,5	RQD 99,5	Degrees from horizontal	
61,00		61,00	1. Row	22°
32,00		32,00	2. Row	
95,00		95,00	3. Row	62°
96,00		96,00	4. Row	
76,00		76,00	5. Row	54°
20,00		20,00	6. Row	71°
93,00		93,00	7. Row	
31,00		31,00		
58,00		58,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	112,75 m
2. Row	113,56 m
3. Row	114,37 m
4. Row	115,18 m
5. Row	115,98 m
6. Row	116,79 m
7. Row	117,60 m

**BOX 21** 5,70 m **EXCELLENT**

Date: 118,00 - to - 123,70  
**DIP ANGLE**  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]  
 Fractures  
 Foliation or bedding

REC	Solid	Modified	Degrees from horizontal
98,8	98,8	98,8	
			1. Row 45°
			2. Row 45°
96,00	96,00		3. Row 50°
92,00	92,00		4. Row 62°
69,00	69,00		5. Row 70°
30,00	30,00		6. Row 72°
90,00	90,00		7. Row
96,00	96,00		
90,00	90,00		

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 118,41 m  
 2. Row 119,22 m  
 3. Row 120,04 m  
 4. Row 120,85 m  
 5. Row 121,66 m  
 6. Row 122,48 m  
 7. Row 123,29 m

**BOX 22** 5,55 m **EXCELLENT**

Date: 123,70 - to - 129,25  
**DIP ANGLE**  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]  
 Fractures  
 Foliation or bedding

REC	Solid	Modified	Degrees from horizontal
99,6	99,6	96,8	
33,00		33,00	1. Row 70°
15,00		15,00	2. Row 40°
7,00			3. Row 38°
5,00			4. Row
33,00		33,00	5. Row
57,00		57,00	6. Row 73°
4,00			7. Row
30,00		30,00	
45,00		45,00	
46,00		46,00	
34,00		34,00	
59,00		59,00	
91,00		91,00	
94,00		94,00	

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 124,10 m  
 2. Row 124,89 m  
 3. Row 125,68 m  
 4. Row 126,48 m  
 5. Row 127,27 m  
 6. Row 128,06 m  
 7. Row 128,85 m

**BOX 23**      5,75 m      EXCELLENT

<b>Date:</b> 129,25 - to - 135,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 98,3	98,3	RQD 98,3	Degrees from horizontal	
64,00		64,00	1. Row	40°
26,00		26,00	2. Row	26°
96,00		96,00	3. Row	31°
97,00		97,00	4. Row	35°
83,00		83,00	5. Row	45°
10,00		10,00	6. Row	70°
97,00		97,00	7. Row	
92,00		92,00		

**Magnetic Susceptibility**

---

1. Row  
2. Row  
3. Row  
4. Row  
5. Row  
6. Row  
7. Row

**Measurement at**

---

1. Row    129,66 m  
2. Row    130,48 m  
3. Row    131,30 m  
4. Row    132,13 m  
5. Row    132,95 m  
6. Row    133,77 m  
7. Row    134,59 m

**BOX 24**      5,55 m      EXCELLENT

<b>Date:</b> 135,00 - to - 140,55			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	99,3	RQD 99,3	Degrees from horizontal	
44,00		44,00	1. Row	58°
51,00		51,00	2. Row	35°
87,00		87,00	3. Row	62°
94,00		94,00	4. Row	
81,00		81,00	5. Row	57°
11,00		11,00	6. Row	45°
96,00		96,00	7. Row	
52,00		52,00		
35,00		35,00		

**Magnetic Susceptibility**

---

1. Row  
2. Row  
3. Row  
4. Row  
5. Row  
6. Row  
7. Row

**Measurement at**

---

1. Row    135,40 m  
2. Row    136,19 m  
3. Row    136,98 m  
4. Row    137,78 m  
5. Row    138,57 m  
6. Row    139,36 m  
7. Row    140,15 m

**BOX 25** 5,72 m **EXCELLENT**

Date: 140,55 - to - 146,27  
**DIP ANGLE**  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]  
 Fractures  
 Foliation or bedding

REC	Solid	Modified	Degrees from horizontal
98,8	98,8	98,8	
97,00		97,00	1. Row
94,00		94,00	2. Row
55,00		55,00	3. Row
37,00		37,00	4. Row
96,00		96,00	5. Row
96,00		96,00	6. Row
90,00		90,00	7. Row

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 140,96 m  
 2. Row 141,78 m  
 3. Row 142,59 m  
 4. Row 143,41 m  
 5. Row 144,23 m  
 6. Row 145,04 m  
 7. Row 145,86 m

**BOX 26** 5,63 m **EXCELLENT**

Date: 146,27 - to - 151,90  
**DIP ANGLE**  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]  
 Fractures  
 Foliation or bedding

REC	Solid	Modified	Degrees from horizontal
95,6	95,6	92,2	
92,00		92,00	1. Row 57°
95,00		95,00	2. Row
88,00		88,00	3. Row
8,00			4. Row 25°
18,00		18,00	5. Row
20,00		20,00	6. Row 56°
5,00	nit		7. Row
6,00			
10,00		10,00	
17,00			
95,00		95,00	
44,00		44,00	
40,00		40,00	

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 146,67 m  
 2. Row 147,48 m  
 3. Row 148,28 m  
 4. Row 149,09 m  
 5. Row 149,89 m  
 6. Row 150,69 m  
 7. Row 151,50 m

**BOX 27** 5,82 m **EXCELLENT**

<b>Date:</b> 151,90 - to - 157,72			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
98,6	98,6	98,6
94,00	94,00	1. Row 46°
95,00	95,00	2. Row 60°
77,00	77,00	3. Row 51°
18,00	18,00	4. Row 68°
97,00	97,00	5. Row
96,00	96,00	6. Row
97,00	97,00	7. Row

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	152,32 m
2. Row	153,15 m
3. Row	153,98 m
4. Row	154,81 m
5. Row	155,64 m
6. Row	156,47 m
7. Row	157,30 m

**BOX 28** 5,50 m **EXCELLENT**

<b>Date:</b> 157,72 - to - 163,22			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
100,0	100,0	98,5
3,00		1. Row 45°
83,00	83,00	2. Row
95,00	95,00	3. Row
99,00	99,00	4. Row
5,00		5. Row 60°
83,00	83,00	6. Row
68,00	68,00	7. Row
22,00	22,00	
92,00	92,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	158,11 m
2. Row	158,90 m
3. Row	159,68 m
4. Row	160,47 m
5. Row	161,26 m
6. Row	162,04 m
7. Row	162,83 m

**BOX 29**      5,48 m      EXCELLENT

<b>Date:</b> 163,22 - to - 168,70			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	Solid 100,0	RQD 98,9	Degrees from horizontal	
77,00		77,00	1. Row	
13,00		13,00	2. Row	61°
96,00		96,00	3. Row	53°
92,00		92,00	4. Row	
95,00		95,00	5. Row	52°
6,00			6. Row	45°
86,00		86,00	7. Row	
66,00		66,00		
17,00		17,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	163,61 m
2. Row	164,39 m
3. Row	165,18 m
4. Row	165,96 m
5. Row	166,74 m
6. Row	167,53 m
7. Row	168,31 m

**BOX 30**      5,56 m      EXCELLENT

<b>Date:</b> 168,70 - to - 174,26			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	Solid 100,0	RQD 100,0	Degrees from horizontal	
94,00		94,00	1. Row	65°
45,00		45,00	2. Row	
50,00		50,00	3. Row	54°
92,00		92,00	4. Row	53°
93,00		93,00	5. Row	80°
64,00		64,00	6. Row	40°
29,00		29,00	7. Row	
89,00		89,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	169,10 m
2. Row	169,89 m
3. Row	170,69 m
4. Row	171,48 m
5. Row	172,27 m
6. Row	173,07 m
7. Row	173,86 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 196 meter  
**Casing/Overburden:** 5,7 meter

**BOX 31**      5,70 m      **EXCELLENT**

**Date:** 174,26 - to - 179,96  
**RECOVERY**  
**Total**    **Solid**    **Modified**  
 [cm]        [cm]        [cm]

**DIP ANGLE**  
 Fractures  
 Foliation or bedding

REC	RQD	Degrees from horizontal
100,0	97,9	95,3
97,00		97,00
18,00		18,00
25,00		25,00
20,00		20,00
12,00	ni	
16,00		16,00
30,00		30,00
28,00		28,00
15,00		15,00
16,00		16,00
8,00		
9,00		9,00
83,00		83,00
7,00		
95,00		95,00
37,00		37,00
54,00		54,00

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row    174,67 m  
 2. Row    175,48 m  
 3. Row    176,30 m  
 4. Row    177,11 m  
 5. Row    177,92 m  
 6. Row    178,74 m  
 7. Row    179,55 m

**BOX 32**      5,76 m      **GOOD**

<b>Date:</b> 179,96 - to - 185,72			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC		RQD	Degrees from horizontal
93,2	90,3	88,9	
89,00		89,00	1. Row
80,00		80,00	2. Row 48°
9,00		9,00	3. Row 61°
26,00		26,00	4. Row
68,00		68,00	5. Row
48,00		48,00	6. Row 41°
7,00	ni		7. Row
18,00		18,00	
8,00			
5,00	ni		
5,00	ni		

81,00		81,00	
14,00		14,00	
79,00		79,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	180,37 m
2. Row	181,19 m
3. Row	182,02 m
4. Row	182,84 m
5. Row	183,66 m
6. Row	184,49 m
7. Row	185,31 m

**BOX 33**      5,45 m      **EXCELLENT**

<b>Date:</b> 185,72 - to - 191,17			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC		RQD	Degrees from horizontal
100,0	98,9	98,9	
97,00		97,00	1. Row 53°
90,00		90,00	2. Row 88°
45,00		45,00	3. Row 58°
46,00		46,00	4. Row 42°
87,00		87,00	5. Row 45°
89,00		89,00	6. Row
76,00		76,00	7. Row
6,00	ni		
9,00		9,00	

--	--	--	--

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	186,11 m
2. Row	186,89 m
3. Row	187,67 m
4. Row	188,45 m
5. Row	189,22 m
6. Row	190,00 m
7. Row	190,78 m



**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 196 meter  
**Casing/Overburden** 5,7 meter

**BOX 31**      5,70 m      EXCELLENT

**Date:** 174,26 - to - 179,96  
**RECOVERY**  
**DIP ANGLE**  
 Total      Solid      Modified      Fractures      Foliation or bedding  
 [cm]      [cm]      [cm]

REC	RQD	Degrees from horizontal
100,0	97,9	95,3
97,00		97,00
18,00		18,00
25,00		25,00
20,00		20,00
12,00	ni	
16,00		16,00
30,00		30,00
28,00		28,00
15,00		15,00
16,00		16,00
8,00		
9,00		9,00
83,00		83,00
7,00		
95,00		95,00
37,00		37,00
54,00		54,00

**Magnetic Susceptibility**

1. Row  
2. Row  
3. Row  
4. Row  
5. Row  
6. Row  
7. Row

**Measurement at**

1. Row 174,67 m  
2. Row 175,48 m  
3. Row 176,30 m  
4. Row 177,11 m  
5. Row 177,92 m  
6. Row 178,74 m  
7. Row 179,55 m

**BOX 32**      5,76 m      **GOOD**

**Date:** 179,96 - to - 185,72      **DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC	90,3	RQD	Degrees from horizontal
93,2		88,9	
89,00		89,00	1. Row
80,00		80,00	2. Row 48°
9,00		9,00	3. Row 61°
26,00		26,00	4. Row
68,00		68,00	5. Row
48,00		48,00	6. Row 41°
7,00	ni		7. Row
18,00		18,00	
8,00			
5,00	ni		
5,00	ni		

REC	RQD	Magnetic Susceptibility
81,00	81,00	
14,00	14,00	
79,00	79,00	

- Magnetic Susceptibility**
1. Row
  2. Row
  3. Row
  4. Row
  5. Row
  6. Row
  7. Row

- Measurement at**
1. Row 180,37 m
  2. Row 181,19 m
  3. Row 182,02 m
  4. Row 182,84 m
  5. Row 183,66 m
  6. Row 184,49 m
  7. Row 185,31 m

**BOX 33**      5,45 m      **EXCELLENT**

**Date:** 185,72 - to - 191,17      **DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC	98,9	RQD	Degrees from horizontal
100,0		98,9	
97,00		97,00	1. Row 53°
90,00		90,00	2. Row 88°
45,00		45,00	3. Row 58°
46,00		46,00	4. Row 42°
87,00		87,00	5. Row 45°
89,00		89,00	6. Row
76,00		76,00	7. Row
6,00	ni		
9,00		9,00	

REC	RQD	Magnetic Susceptibility
97,00	97,00	
90,00	90,00	
45,00	45,00	
46,00	46,00	
87,00	87,00	
89,00	89,00	
76,00	76,00	
6,00	ni	
9,00	9,00	

- Magnetic Susceptibility**
1. Row
  2. Row
  3. Row
  4. Row
  5. Row
  6. Row
  7. Row

- Measurement at**
1. Row 186,11 m
  2. Row 186,89 m
  3. Row 187,67 m
  4. Row 188,45 m
  5. Row 189,22 m
  6. Row 190,00 m
  7. Row 190,78 m

**BOX 34** 5,12 m **GOOD**

<b>Date:</b> EOH			<b>DIP ANGLE</b>	
191,17 - to - 196,29			Fractures	Foliation or bedding
<b>RECOVERY</b>				
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	96,9	RQD	Degrees from horizontal
100,0		89,8	
92,00		92,00	1. Row
5,00			2. Row
8,00			3. Row
86,00		86,00	4. Row
96,00		96,00	5. Row
50,00		50,00	6. Row
10,00	ni		7. Row
3,00			
6,00			
4,00			
4,00			

18,00	21,00	6,00	27,00	6,00	26,00	9,00	35,00	Magnetic Susceptibility
	18,00							1. Row
	21,00							2. Row
		ni	27,00					3. Row
								4. Row
								5. Row
								6. Row
								7. Row

Measurement at	
1. Row	191,54 m
2. Row	192,27 m
3. Row	193,00 m
4. Row	193,73 m
5. Row	194,46 m
6. Row	195,19 m
7. Row	195,92 m

**BOX 35** 0,00 m **#DIV/OI**

<b>Date:</b> - to -			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	RQD	Degrees from horizontal
		1. Row
		2. Row
		3. Row
		4. Row
		5. Row
		6. Row
		7. Row

1. Row	2. Row	3. Row	4. Row	5. Row	6. Row	7. Row	Magnetic Susceptibility
							1. Row
							2. Row
							3. Row
							4. Row
							5. Row
							6. Row
							7. Row

Measurement at	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

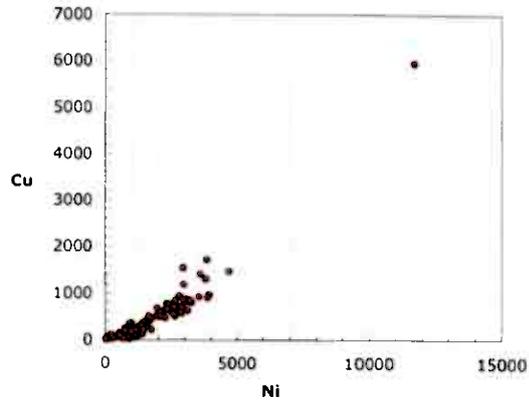
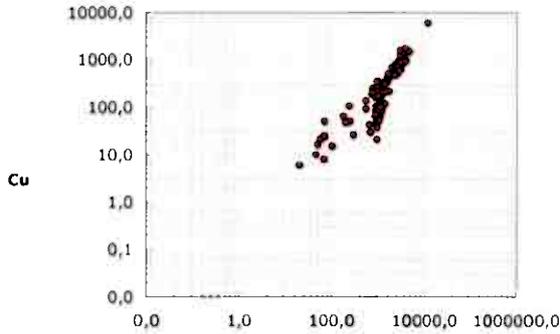


YEAR		2007		Info of Borehole				SH	
<b>Ballangen DDH-07 SH-015</b>									
<b>Drill Date:</b>	22. Sep	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen				
<b>HOLE ID:</b>	SH-015	<b>Elevation:</b>	480 meter [asi]	<b>Drill method:</b>	Core				
<b>Project:</b>	Ballangen	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm		
<b>Northing:</b>	7583284	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	272,70 meter				
<b>Easting:</b>	584075	<b>Logged date:</b>	19. april 2008	<b>Average REC/RQD:</b>	98,4 pct. / 96,8 pct.				
<b>Datum:</b>	WGS84	<b>Survey date:</b>	-	<b>by:</b>					
<b>Bearing:</b>	140°			<b>Casing/overburden:</b>	2,9 meter <input type="checkbox"/>				
<b>Dip:</b>	-45°								
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338								
Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54									

**COMMENTS/PURPOSE**

Testing of core zone of significant EM anomaly identified from SkyTEM 2005 and 2006

SULPHIDES					ALTERATION					Recovery		Dip		GEOCHEMISTRY				
Po	Pn	Cp	Gph	X	Quartz	Grt	Bio	Tre	Phl	Serp	pct	angle	Ni	Cu	Fe	Au	Co	Mag. Susc. 10 <sup>-3</sup> SI
												degree	[ppm]	[ppm]	[pct]	[ppb]	[ppm]	



**DDH ORIENTATION / DIP-TEST**

Tool Measurements	No measurements		
- Azimute	n.a	n.a	n.a
- Dip	n.a	n.a	n.a
- Depth	n.a	n.a	n.a

**LITHOLOGY**

- A - ALT/DYKE/PEG - Alteration - dyke - pegmatite
- B - MGN - Gneiss
- C - NO - Norite
- D - ONO - Olivinenorite
- E - OPX - Olivinepyroxenite (Ol-websterite)
- F - CPX - Olivinepyroxenite (Ol-websterite)
- G - PRD - Peridotite
- H - PX - Pyroxenite (Websterite)
- I - M - Mineralisation
- eoh - End of Hole

**DESCRIPTIVE STATISTIC**

	Ni	Cu
- Mean	1491,95	348,31
- Median	1025,00	135,00
- Minimum	20,00	6,00
- Maximum	11700,00	5950,00
- Standard Deviation	1277,58	578,89
- Numbers	150,00	150,00
- Curtosis	26,49	58,90
- Skewness	3,82	6,47
- Variance	1632207	335111
- Detection Limit	20,00	6,00

**SULPHIDES**

- 1. - Pyrrhotite **Po.**
- 2. - Pentlandite **Pn.**
- 3. - Chalcopyrite **Cp.**
- 4. - Graphite **Gph.**
- 5. - X **X.**

**ALTERATION**

- 6. - Garnet **Grt.**
- 7. - Biotite **Bio.**
- 8. - Tremolite **Tre.**
- 9. - Phlogopite **Phl.**
- 10. - Serpentine **Serp.**

**GEOCHEMISTRY**

- 11. - Nickel **Ni** [ppm]
- 12. - Copper **Cu** [ppm]
- 13. - Iron **Fe** [pct]
- 14. - Gold **Au** [ppb]
- 15. - Cobalt **Co** [ppm]

**MAGNETIC SUSCEPTIBILITY**

16. - Magnetic Susceptibility	Mag. Susc. 10 <sup>-3</sup> SI	MS
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**ROSE DIAGRAM**

**2-DIMENSIONAL ORIENTATION ANALYSES**

**FRACTURES**

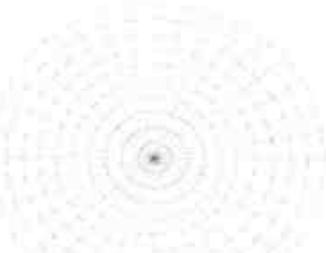
- Calculation Methode	Frequency
- Class Interval	10°
- Data Type	Bidirectional
- Population	162
- Mean	55,99°
- Standard Deviation	14,16°
- Maximum Petal	13,89 pct.
- Standard Deviation Petal	3,3 pct.

**FOLIATION OR BEDDING**

- Calculation Methode	
- Class Interval	
- Data Type	
- Population	
- Mean	
- Standard Deviation	
- Maximum Petal	
- Standard Deviation Petal	



FRACTURES



FOLIATION OR BEDDING

<b>YEAR</b>	<b>2007</b>	<b>Log of Borehole</b>			<b>SH</b>
<b>Drill Date:</b>	22. Sep	<b>Ballangen DDH-06 SH-015</b>			
<b>HOLE ID:</b>	SH-015	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Project:</b>	Ballangen	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Northing:</b>	7583284	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40,7 <b>Diameter:</b> 40,7 mm
<b>Easting:</b>	584075	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	272,70 meter
<b>Datum:</b>	WGS84	<b>Logged date:</b>	19. april 2008	<b>Average REC/RQD:</b>	98,4 pct. / 96,8 pct.
<b>Bearing:</b>	140°	<b>Survey date:</b>	-	<b>by:</b>	-
<b>Dip:</b>	-45°	<b>Contractor:</b>	Diamantboring Nord AS, P.O. Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338		
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Map Surc. 10 / ST
				Po.	Pn.	Co.	Gph.	X.		Gr.	Al.	Tr.	Ph.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	
0		0-2,86m: Soil Casing.																				
3	D	2,86-4,0m: ONO! Mafic norite with extensive alteration.												10							BOX 1	
4	B	4,0-7,0m: Gneiss! 2mica-gneiss.												30								
7	D	7,0-20,3m: ONO - NO! Mixed norite dyke interval, comprised by several smaller dykes. Magmatic layering pronounced.												60								
8														10								
9														10							BOX 2	
10														10								
11														10								
12														5								
13																						
14																					BOX 3	
15																						
16																						
17																						













<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	22. Sep		<b>Ballangen DDH-06 SH-015</b>		
<b>HOLE ID:</b>	SH-015				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584075	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	272,70 meter
<b>Bearing:</b>	140°	<b>Logged date:</b>	19. april 2008	<b>Average REC/RQD:</b>	98,4 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,9 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nørd AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. ½	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 / SI
				Pb	Pn.	Cp	Gph.	X		Gr.	Bi.	Tr.	Phl.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	
121,3-122,4m	D	ONO! Mafic norite dyke. Grt bearing (5-10 mm aggregates). Cpx-rich rich norite.																				
122,4-123,0m	G																					
123,0-124,6m																						
124,6-125,6m	D	ONO! Mafic norite dyke. Grt bearing (5-10 mm aggregates). Cpx-rich rich norite.																				
125,6-126,0m	G																					
126,0-127,0m																						
127,0-128,0m																						
128,0-129,0m																						
129,0-130,0m																						
130,0-131,0m																						
131,0-132,0m																						
132,0-133,0m																						
133,0-134,0m																						
134,0-135,0m																						
135,0-136,0m																						

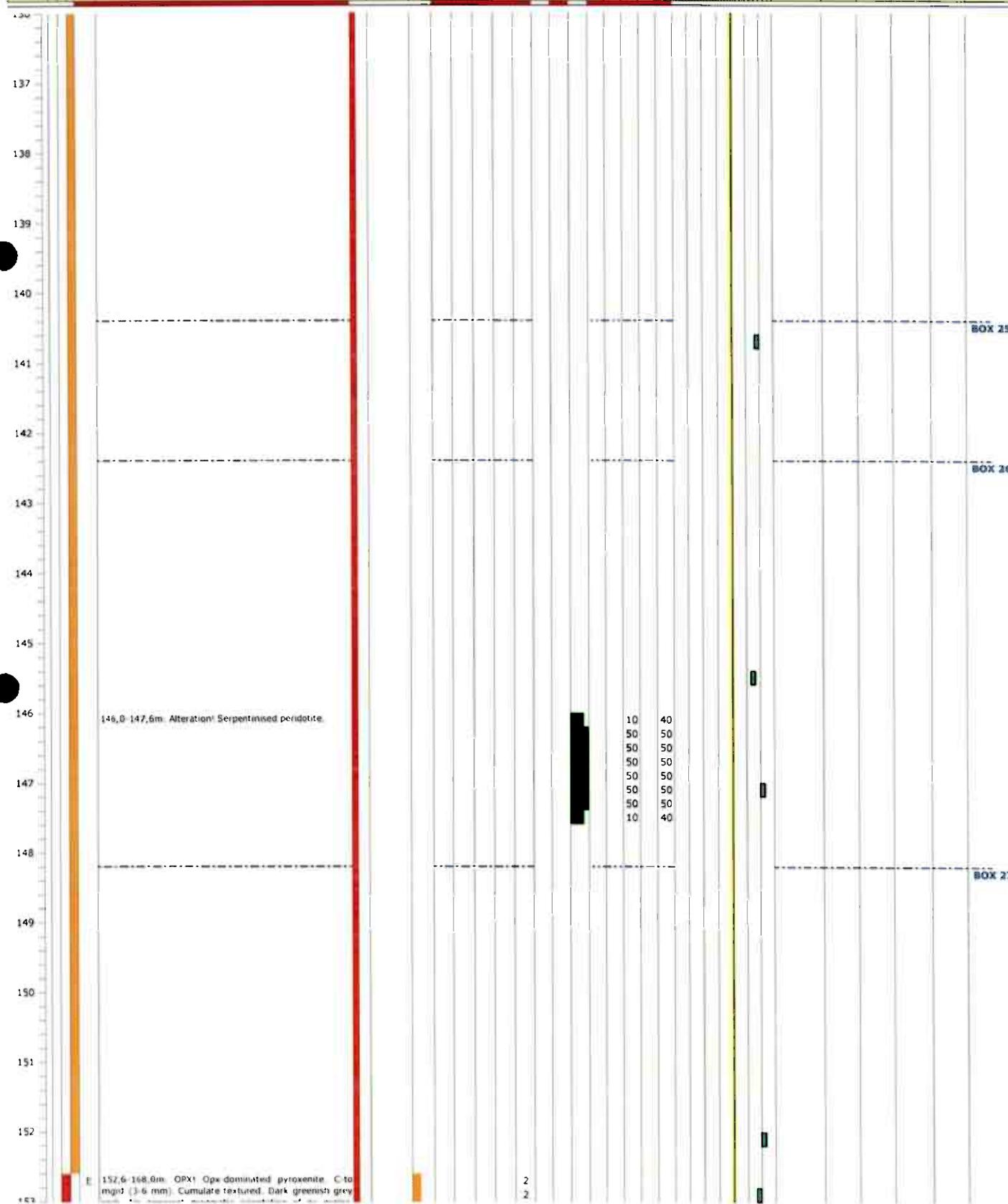
BOX 22

BOX 23

BOX 24

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	22. Sep		<b>Ballangen DDH-06 SH-015</b>		
<b>HOLE ID:</b>	SH-015				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	584075	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	272,70 meter
<b>Bearing:</b>	140°	<b>Logged date:</b>	19. april 2008	<b>Average REC/RQD:</b>	98,4 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag [wt %]	Succ. 10 [wt %]
				Po	Pn	Co	Gph.	X		Grt	Bl.	Tr.	Phl.			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]		



BOX 25

BOX 26

BOX 27

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	22. Sep		<b>Ballangen DDH-06 SH-015</b>		
<b>HOLE ID:</b>	SH-015				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	584075	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	272,70 meter
<b>Bearing:</b>	140°	<b>Logged date:</b>	19. april 2008	<b>Average REC/RQD:</b>	98,4 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag	Susc. 10 <sup>-5</sup>
		Description			Po	Pn	Cp	Gph	X		Grt	Bo	Tr	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]		
153		153,0-154,0m ONO - NOI Mixed mafic and felsic norite. Homogeneous text. The opx unit is mineralised as net textured. Bleaching 3-4 % in places, forming mm stringers.																					
154																					BOX 28		
155																							
156																							
157																							
158																							
159																							
160																					BOX 29		
161																							
162																							
163																							
164																							
165																							
166																					BOX 30		
167																							
168		168,0-175,8m ONO - NOI Mixed mafic and felsic norite unit. Several semi- to completely digested mineralised opx fragments. The NO dykes show sharp intrusive contacts.																					
169		168,8m Ghost peridotite fragment with disseminated sulphides.																					
170																							



<b>YEAR</b>	2007		<b>Log of Borehole</b>			
<b>Drill Date:</b>	22. Sep		<b>Ballangen DDH-06 SH-015</b>			
<b>HOLE ID:</b>	SH-015					
<b>Project:</b>	Ballangen	<b>Location:</b>	Ranbogen	<b>Project manager:</b>		Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>		Core
<b>Easting:</b>	584075	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>		BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>		272,70 meter
<b>Bearing:</b>	140°	<b>Logged date:</b>	19. april 2008	<b>Average REC/RQD:</b>		98,4 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>		2,9 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeno, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338					

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 SI	
				Po	Pn	Cp	Gph	X		Grt	Bio	Trc	Phl	Serp			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]		
187,0-201,0m	F	187,0-201,0m: CPX: Cpx dominated pyroxenite. Apple green mdgrd rock with pronounced preferred orientated pyroxene needles. Felsic veins with outbrown bit cross-cuts the PX unit. Pin head size disseminated sulphides throughout the PX unit.						2															
188								1															
189								1															
190								1															
191								1															
192								1															
193								1															
194								1															
195								tr															
196								tr															
197								tr															
198								tr															
199								tr															
200								tr															
201		F						tr															
202		201,0-217,7m: PX: Cpx-opx pyroxenite. Mixed ultramafic pyroxenite unit. Characterised by either cpx- or opx rich domains.						tr															
203								tr															
204								tr															

BOX 34

BOX 35

BOX 36



<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b> <b>Ballangen DDH-06 SH-015</b>		
<b>Drill Date:</b>	22. Sep				
<b>HOLE ID:</b>	SH-015				
<b>Project:</b>	Ballangen	<b>Location:</b>	Ranbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584075	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	272,70 meter
<b>Bearing:</b>	140°	<b>Logged date:</b>	19. april 2008	<b>Average REC/RQD:</b>	98,4 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,9 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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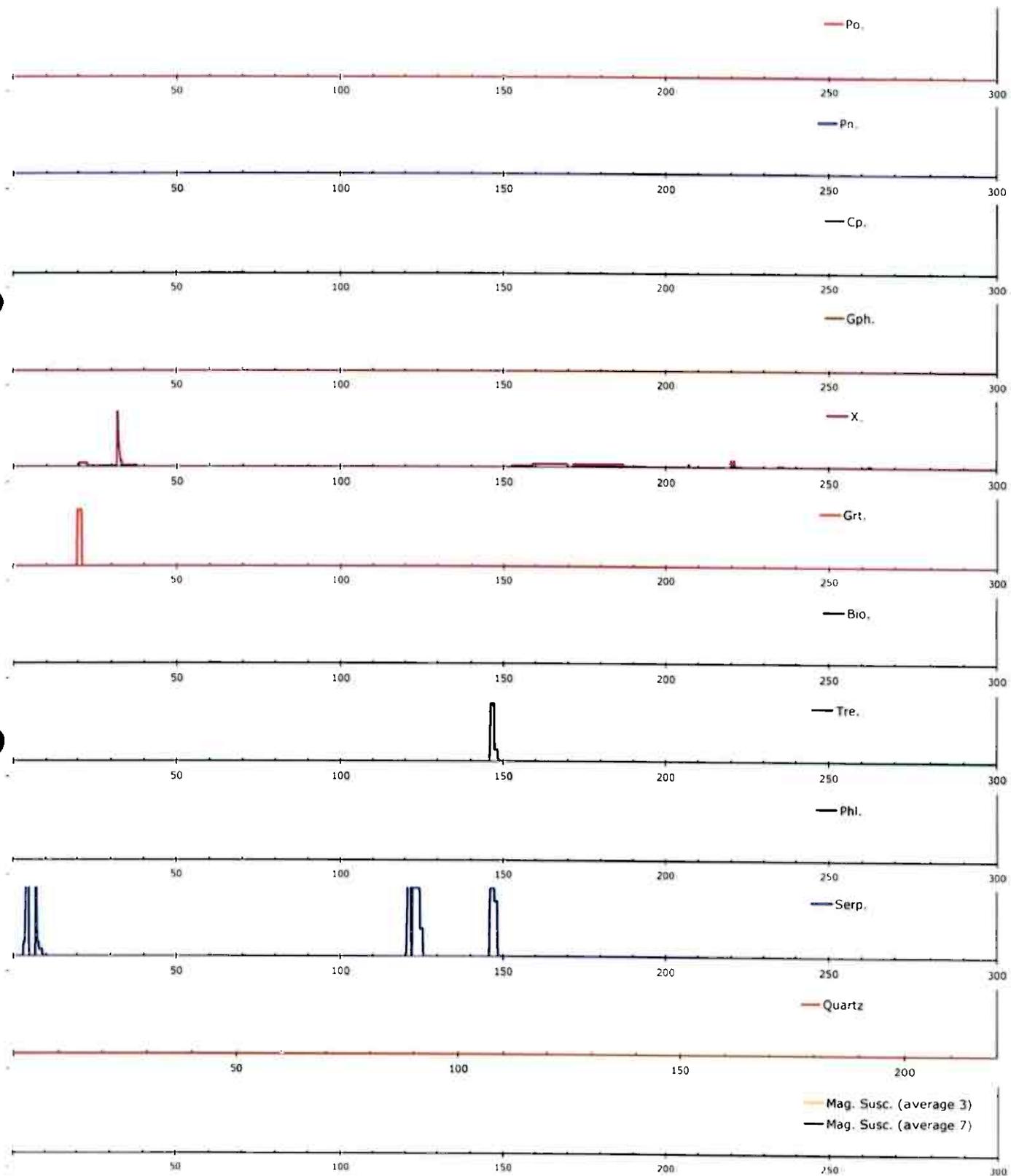
Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Subc. ID / SI
				Pb	Pn	Cp	Gph	X		Gt	Bl.	Tr.	Phl.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	
221,0m	F	Mineralisation. 5 cm wide frozen sulphide droplet.																				0,16
222,0-231,0m	E	OPX! Opx dominated pyroxenite mdgrd cumulus textured ultramafic phaneritic rock.																				0,14
224																						BOX 40
230																						BOX 41
231,0-231,2m	C	NO! felsic norite dyke.																				
231,2-232,0m	E	OPX! Opx dominated pyroxenite mdgrd cumulus textured ultramafic phaneritic rock.																				
232,0-234,1m	A	Breccial Norite matrix with pronounced magmatic flow texture. Larger opx grains occur as isolated grains in the noritic matrix.																				
234,1-260,0m	E	OPX! Opx dominated pyroxenite mdgrd cumulus textured ultramafic phaneritic rock.																				
236																						BOX 42



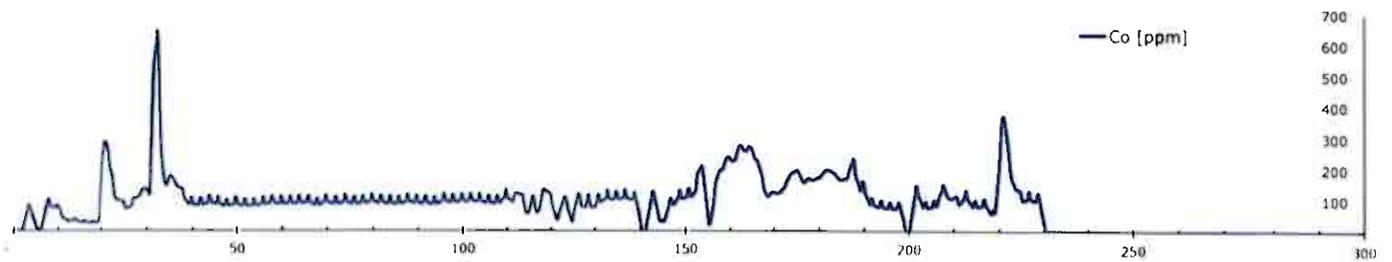
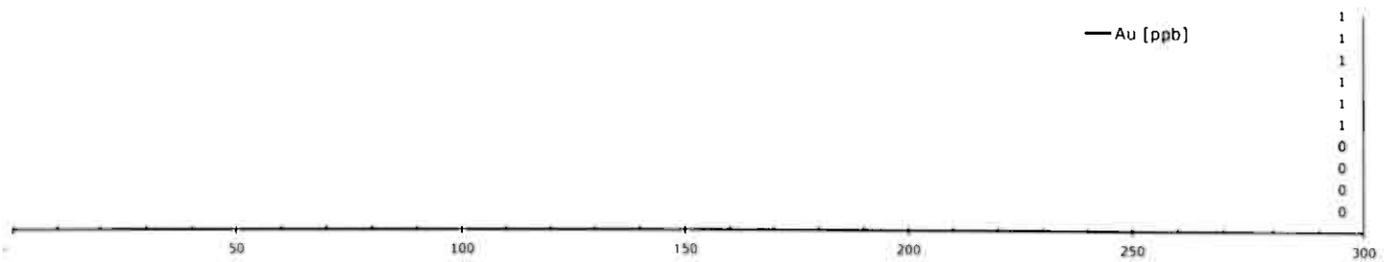
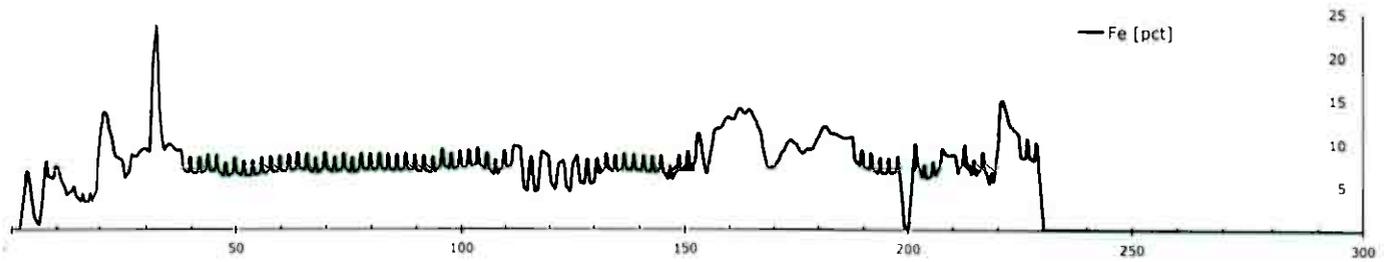
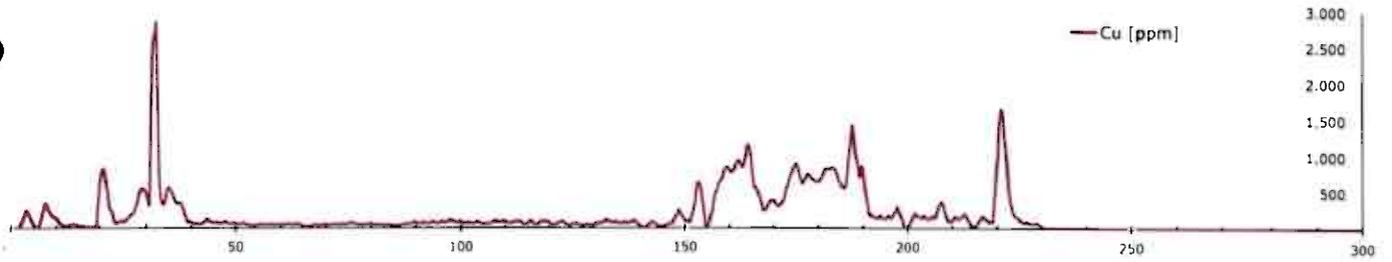
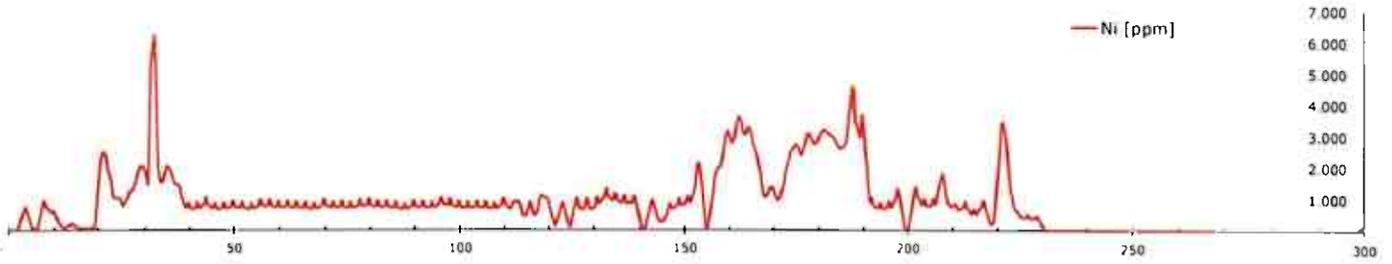




YEAR		2007		Log of Borehole		SH			
<b>Drill Date:</b>	22 September	<b>Ballangen DDH-06 SH-015</b>				<b>Project manager:</b> Soren Lund Jensen			
<b>HOLE ID:</b>	SH-015								
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Drill method:</b>	Core	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Length:</b>	272,70 meter	<b>Average REC/RQD:</b>	98,4 pct. / 96,8 pct.		
<b>Easting:</b>	584075	<b>Geologist:</b>	Mikkel Vognsen	<b>Casing/overburden:</b>	2,9 meter				
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen						
<b>Bearing:</b>	140°	<b>Logged date:</b>	19. april 2008						
<b>Dip:</b>	-45°	<b>Survey date:</b>	-						
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338								
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YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b>	22 September			<b>Ballangen DDH-06 SH-015</b>			
<b>HOLE ID:</b>	SH-015						
<b>Project:</b>	Ballangen	<b>Location:</b>	Ränbøgen	<b>Project manager:</b>	Soren Lund Jensen		
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core		
<b>Easting:</b>	584075	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	272,70 meter		
<b>Bearing:</b>	140°	<b>Logged date:</b>	19. april 2008	<b>Average REC/RQD:</b>	98,4 pct. / 96,8 pct.		
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-	<b>Casing/overburden:</b>	2,9 meter
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
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**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 273 meter  
**Casing/Overburden** 2,9 meter

**BOX 1** 5,71 m **EXCELLENT**

Date:			DIP ANGLE	
2,86 - to - 8,57			Fractures	Foliation or bedding
RECOVERY				
Total	Solid	Modified		
[cm]	[cm]	[cm]		

REC		RQD	Degrees from horizontal	
98,1	97,5	96,3		
7,00			1. Row	44°
10,00		10,00	2. Row	50°
19,00		19,00	3. Row	54°
18,00		18,00	4. Row	22°
36,00		36,00	5. Row	52°
39,00		39,00	6. Row	30°
14,00		14,00	7. Row	
20,00		20,00		
25,00		25,00		
96,00		96,00		
70,00		70,00		
3,00	ni			
16,00		16,00		
91,00		91,00	1. Row	
96,00		96,00	2. Row	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	3,27 m
2. Row	4,08 m
3. Row	4,90 m
4. Row	5,72 m
5. Row	6,53 m
6. Row	7,35 m
7. Row	8,16 m

**BOX 2** 5,73 m **EXCELLENT**

<b>Date:</b> 8,57 - to - 14,30			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal	
98,4	98,4	98,4		
41,00		41,00	1. Row	46°
53,00		53,00	2. Row	36°
93,00		93,00	3. Row	64°
94,00		94,00	4. Row	40°
99,00		99,00	5. Row	26°
96,00		96,00	6. Row	38°
20,00		20,00	7. Row	
68,00		68,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	8,98 m
2. Row	9,80 m
3. Row	10,62 m
4. Row	11,44 m
5. Row	12,25 m
6. Row	13,07 m
7. Row	13,89 m

**BOX 3** 5,67 m **EXCELLENT**

<b>Date:</b> 14,30 - to - 19,97			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal	
100,0	100,0	100,0		
98,00		98,00	1. Row	40°
98,00		98,00	2. Row	64°
45,00		45,00	3. Row	54°
46,00		46,00	4. Row	
98,00		98,00	5. Row	48°
98,00		98,00	6. Row	52°
55,00		55,00	7. Row	
29,00		29,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	14,71 m
2. Row	15,52 m
3. Row	16,33 m
4. Row	17,14 m
5. Row	17,95 m
6. Row	18,76 m
7. Row	19,57 m

**BOX 4** 5,63 m **EXCELLENT**

<b>Date:</b> 19,97 - to - 25,60			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
100,0	100,0	100,0
97,00	97,00	1. Row 52°
90,00	90,00	2. Row 44°
18,00	18,00	3. Row 52°
75,00	75,00	4. Row
98,00	98,00	5. Row
98,00	98,00	6. Row 60°
29,00	29,00	7. Row
58,00	58,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	20,37 m
2. Row	21,18 m
3. Row	21,98 m
4. Row	22,79 m
5. Row	23,59 m
6. Row	24,39 m
7. Row	25,20 m

**BOX 5** 5,75 m **EXCELLENT**

<b>Date:</b> 25,60 - to - 31,35			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,7	99,7	99,7
94,00	94,00	1. Row 44°
95,00	95,00	2. Row
51,00	51,00	3. Row 40°
42,00	42,00	4. Row
96,00	96,00	5. Row
99,00	99,00	6. Row 58°
71,00	71,00	7. Row
25,00	25,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	26,01 m
2. Row	26,83 m
3. Row	27,65 m
4. Row	28,48 m
5. Row	29,30 m
6. Row	30,12 m
7. Row	30,94 m

**BOX 6**      5,74 m      EXCELLENT

Date: 31,35 - to - 37,09  
**RECOVERY**  
 Total      Solid      Modified  
 [cm]      [cm]      [cm]

**DIP ANGLE**  
 Fractures  
 Foliation  
 or bedding

REC	Solid	Modified	Degrees from horizontal	
99,0	99,0	99,0		
58,00		58,00	1. Row	60°
37,00		37,00	2. Row	60°
37,00		37,00	3. Row	64°
60,00		60,00	4. Row	40°
90,00		90,00	5. Row	70°
95,00		95,00	6. Row	70°
95,00		95,00	7. Row	
96,00		96,00		

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row      31,76 m  
 2. Row      32,58 m  
 3. Row      33,40 m  
 4. Row      34,22 m  
 5. Row      35,04 m  
 6. Row      35,86 m  
 7. Row      36,68 m

**BOX 7**      5,71 m      EXCELLENT

Date: 37,09 - to - 42,80  
**RECOVERY**  
 Total      Solid      Modified  
 [cm]      [cm]      [cm]

**DIP ANGLE**  
 Fractures  
 Foliation  
 or bedding

REC	Solid	Modified	Degrees from horizontal	
100,0	100,0	100,0		
23,00		23,00	1. Row	
69,00		69,00	2. Row	
96,00		96,00	3. Row	
95,00		95,00	4. Row	
53,00		53,00	5. Row	
43,00		43,00	6. Row	
97,00		97,00	7. Row	
95,00		95,00		

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row      37,50 m  
 2. Row      38,31 m  
 3. Row      39,13 m  
 4. Row      39,95 m  
 5. Row      40,76 m  
 6. Row      41,58 m  
 7. Row      42,39 m

**BOX 8** 5,68 m **EXCELLENT**

<b>Date:</b> 42,80 - to - 48,48			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	RQD	Degrees from horizontal
98,8	97,4	
73,00	73,00	1. Row
21,00	21,00	2. Row
97,00	97,00	3. Row
96,00	96,00	4. Row
86,00	86,00	5. Row 33°
8,00		6. Row
89,00	89,00	7. Row
91,00	91,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 43,21 m
- 2. Row 44,02 m
- 3. Row 44,83 m
- 4. Row 45,64 m
- 5. Row 46,45 m
- 6. Row 47,26 m
- 7. Row 48,07 m

**BOX 9** 5,83 m **EXCELLENT**

<b>Date:</b> 48,48 - to - 54,31			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	RQD	Degrees from horizontal
97,9	97,1	
96,00	96,00	1. Row
5,00		2. Row
80,00	80,00	3. Row
99,00	99,00	4. Row 22°
97,00	97,00	5. Row
21,00	21,00	6. Row
75,00	75,00	7. Row
98,00	98,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 48,90 m
- 2. Row 49,73 m
- 3. Row 50,56 m
- 4. Row 51,40 m
- 5. Row 52,23 m
- 6. Row 53,06 m
- 7. Row 53,89 m

**BOX 10** 5,77 m **EXCELLENT**

<b>Date:</b> 54,31 - to - 60,08			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	98,8	RQD	98,8	Degrees from horizontal
96,00		96,00		1. Row 45°
16,00		16,00		2. Row 44°
76,00		76,00		3. Row
96,00		96,00		4. Row
96,00		96,00		5. Row
42,00		42,00		6. Row 62°
52,00		52,00		7. Row
96,00		96,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 54,72 m
- 2. Row 55,55 m
- 3. Row 56,37 m
- 4. Row 57,20 m
- 5. Row 58,02 m
- 6. Row 58,84 m
- 7. Row 59,67 m

**BOX 11** 5,67 m **EXCELLENT**

<b>Date:</b> 60,08 - to - 65,75			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	100,0	RQD	100,0	Degrees from horizontal
93,00		93,00		1. Row
58,00		58,00		2. Row
37,00		37,00		3. Row
96,00		96,00		4. Row
97,00		97,00		5. Row
74,00		74,00		6. Row 60°
22,00		22,00		7. Row
90,00		90,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 60,49 m
- 2. Row 61,30 m
- 3. Row 62,11 m
- 4. Row 62,92 m
- 5. Row 63,73 m
- 6. Row 64,54 m
- 7. Row 65,35 m

**BOX 12**      5,81 m      EXCELLENT

<b>Date:</b> 65,75 - to - 71,56			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal
98,5	98,5	98,5	
96,00		96,00	1. Row
81,00		81,00	2. Row
12,00		12,00	3. Row
96,00		96,00	4. Row
100,00		100,00	5. Row
80,00		80,00	6. Row    58°
11,00		11,00	7. Row
96,00		96,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	66,17 m
2. Row	67,00 m
3. Row	67,83 m
4. Row	68,66 m
5. Row	69,49 m
6. Row	70,32 m
7. Row	71,15 m

**BOX 13**      5,79 m      EXCELLENT

<b>Date:</b> 71,56 - to - 77,35			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal
100,0	100,0	98,8	
96,00		96,00	1. Row
98,00		98,00	2. Row
7,00			3. Row
89,00		89,00	4. Row
98,00		98,00	5. Row
98,00		98,00	6. Row
22,00		22,00	7. Row
71,00		71,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	71,97 m
2. Row	72,80 m
3. Row	73,63 m
4. Row	74,46 m
5. Row	75,28 m
6. Row	76,11 m
7. Row	76,94 m

**BOX 14** 5,77 m EXCELLENT

<b>Date:</b> 77,35 - to - 83,12			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,7	99,7	RQD 99,7	Degrees from horizontal
97,00		97,00	1. Row
97,00		97,00	2. Row 42°
27,00		27,00	3. Row 70°
68,00		68,00	4. Row 82°
98,00		98,00	5. Row 70°
98,00		98,00	6. Row 74°
38,00		38,00	7. Row
52,00		52,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	77,76 m
2. Row	78,59 m
3. Row	79,41 m
4. Row	80,24 m
5. Row	81,06 m
6. Row	81,88 m
7. Row	82,71 m

**BOX 15** 5,76 m EXCELLENT

<b>Date:</b> 83,12 - to - 88,88			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 98,6	98,6	RQD 98,6	Degrees from horizontal
93,00		93,00	1. Row 55°
15,00		15,00	2. Row 72°
45,00		45,00	3. Row
36,00		36,00	4. Row
18,00		18,00	5. Row
27,00		27,00	6. Row
12,00		12,00	7. Row
38,00		38,00	
98,00		98,00	
44,00		44,00	
54,00		54,00	
32,00		32,00	
14,00		14,00	
13,00		13,00	
29,00		29,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	83,53 m
2. Row	84,35 m
3. Row	85,18 m
4. Row	86,00 m
5. Row	86,82 m
6. Row	87,65 m
7. Row	88,47 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 273 meter  
**Casing/Overburden** 2,9 meter

**BOX 16** 5,72 m **EXCELLENT**

**Date:** 88,88 - to - 94,60 **DIP ANGLE**

RECOVERY			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,8	99,8	RQD 99,8	Degrees from horizontal	
95,00		95,00	1. Row	55°
96,00		96,00	2. Row	78°
80,00		80,00	3. Row	
14,00		14,00	4. Row	58°
96,00		96,00	5. Row	32°
98,00		98,00	6. Row	
92,00		92,00	7. Row	

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 89,29 m  
 2. Row 90,11 m  
 3. Row 90,92 m  
 4. Row 91,74 m  
 5. Row 92,56 m  
 6. Row 93,37 m  
 7. Row 94,19 m

**BOX 17**      5,80 m      EXCELLENT

<b>Date:</b> 94,60 - to - 100,40			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,7	99,7	97,2
97,00	97,00	1. Row 60°
96,00	96,00	2. Row 50°
17,00	17,00	3. Row 46°
18,00	18,00	4. Row 80°
63,00	63,00	5. Row 85°
7,00		6. Row 85°
37,00	37,00	7. Row
50,00	50,00	
7,00		
90,00	90,00	
63,00	63,00	
33,00	33,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	95,01 m
2. Row	95,84 m
3. Row	96,67 m
4. Row	97,50 m
5. Row	98,33 m
6. Row	99,16 m
7. Row	99,99 m

**BOX 18**      5,78 m      EXCELLENT

<b>Date:</b> 100,40 - to - 106,18			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,0	99,0	99,0
19,00	19,00	1. Row
76,00	76,00	2. Row
97,00	97,00	3. Row 30°
48,00	48,00	4. Row 80°
49,00	49,00	5. Row 80°
25,00	25,00	6. Row 74°
67,00	67,00	7. Row
94,00	94,00	
72,00	72,00	
25,00	25,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	100,81 m
2. Row	101,64 m
3. Row	102,46 m
4. Row	103,29 m
5. Row	104,12 m
6. Row	104,94 m
7. Row	105,77 m

**BOX 19** 5,80 m **EXCELLENT**

<b>Date:</b>			<b>DIP ANGLE</b>	
106,18 - to - 111,98			Fractures	Foliation or bedding
<b>RECOVERY</b>				
<b>Total</b>	<b>Solid</b>	<b>Modified</b>		
[cm]	[cm]	[cm]		

REC	RQD		Degrees from horizontal	
99,5	99,5	97,9		
97,00		97,00	1. Row	30°
90,00		90,00	2. Row	55°
5,00			3. Row	60°
66,00		66,00	4. Row	
4,00			5. Row	80°
25,00		25,00	6. Row	60°
83,00		83,00	7. Row	
17,00		17,00		
67,00		67,00		
30,00		30,00		
93,00		93,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	106,59 m
2. Row	107,42 m
3. Row	108,25 m
4. Row	109,08 m
5. Row	109,91 m
6. Row	110,74 m
7. Row	111,57 m

**BOX 20** 5,47 m **EXCELLENT**

<b>Date:</b>			<b>DIP ANGLE</b>	
111,98 - to - 117,45			Fractures	Foliation or bedding
<b>RECOVERY</b>				
<b>Total</b>	<b>Solid</b>	<b>Modified</b>		
[cm]	[cm]	[cm]		

REC	RQD		Degrees from horizontal	
100,0	100,0	100,0		
19,00		19,00	1. Row	74°
75,00		75,00	2. Row	74°
96,00		96,00	3. Row	50°
98,00		98,00	4. Row	60°
43,00		43,00	5. Row	62°
48,00		48,00	6. Row	50°
95,00		95,00	7. Row	
73,00		73,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	112,37 m
2. Row	113,15 m
3. Row	113,93 m
4. Row	114,72 m
5. Row	115,50 m
6. Row	116,28 m
7. Row	117,06 m

**BOX 21**      5,67 m      EXCELLENT

<b>Date:</b> 117,45 - to - 123,12			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal	
99,5	99,5	99,5	
74,00	74,00	1. Row	84°
22,00	22,00	2. Row	
95,00	95,00	3. Row	76°
94,00	94,00	4. Row	46°
94,00	94,00	5. Row	55°
92,00	92,00	6. Row	58°
93,00	93,00	7. Row	

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	117,86 m
2. Row	118,67 m
3. Row	119,48 m
4. Row	120,29 m
5. Row	121,10 m
6. Row	121,91 m
7. Row	122,72 m

**BOX 22**      5,78 m      EXCELLENT

<b>Date:</b> 123,12 - to - 128,90			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal	
98,3	98,3	98,3	
95,00	95,00	1. Row	
30,00	30,00	2. Row	60°
63,00	63,00	3. Row	60°
95,00	95,00	4. Row	
97,00	97,00	5. Row	66°
49,00	49,00	6. Row	70°
44,00	44,00	7. Row	
95,00	95,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	123,53 m
2. Row	124,36 m
3. Row	125,18 m
4. Row	126,01 m
5. Row	126,84 m
6. Row	127,66 m
7. Row	128,49 m

**BOX 23** 5,80 m **EXCELLENT**

<b>Date:</b> 128,90 - to - 134,70			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	98,6	RQD	97,8	Degrees from horizontal
	5,00			1. Row 25°
	90,00	90,00		2. Row
	67,00	67,00		3. Row
	29,00	29,00		4. Row
	97,00	97,00		5. Row
	95,00	95,00		6. Row
	80,00	80,00		7. Row
	17,00	17,00		
	92,00	92,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	129,31 m
2. Row	130,14 m
3. Row	130,97 m
4. Row	131,80 m
5. Row	132,63 m
6. Row	133,46 m
7. Row	134,29 m

**BOX 24** 5,86 m **EXCELLENT**

<b>Date:</b> 134,70 - to - 140,56			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	97,6	RQD	96,4	Degrees from horizontal
	97,00	97,00		1. Row
	91,00	91,00		2. Row
	1,00			3. Row
	96,00	96,00		4. Row
	98,00	98,00		5. Row
	97,00	97,00		6. Row
	6,00			7. Row
	86,00	86,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	135,12 m
2. Row	135,96 m
3. Row	136,79 m
4. Row	137,63 m
5. Row	138,47 m
6. Row	139,30 m
7. Row	140,14 m

**BOX 25**      1,99 m      EXCELLENT

<b>Date:</b> 140,56 - to - 142,55			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	100,0	RQD	96,5	Degrees from horizontal	
95,00		95,00		1. Row	55°
97,00		97,00		2. Row	
7,00				3. Row	
				4. Row	
				5. Row	
				6. Row	
				7. Row	

**Magnetic Susceptibility**

---

- Row

**Measurement at**

---

- Row      140,70 m
- Row      140,99 m
- Row      141,27 m
- Row      141,56 m
- Row      141,84 m
- Row      142,12 m
- Row      142,41 m

**BOX 26**      5,80 m      EXCELLENT

<b>Date:</b> 142,55 - to - 148,35			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,4	97,2	RQD	96,2	Degrees from horizontal	
97,00			97,00		1. Row	
96,00			96,00		2. Row	
96,00			96,00		3. Row	
6,00					4. Row	45°
65,00			65,00		5. Row	45°
12,00			12,00		6. Row	65°
7,00	ni				7. Row	
95,00			95,00			
97,00			97,00			

**Magnetic Susceptibility**

---

- Row

**Measurement at**

---

- Row      142,96 m
- Row      143,79 m
- Row      144,62 m
- Row      145,45 m
- Row      146,28 m
- Row      147,11 m
- Row      147,94 m

**BOX 27** 5,73 m **EXCELLENT**

<b>Date:</b> 148,35 - to - 154,08			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	99,3	RQD 97,0	Degrees from horizontal	
16,00		16,00	1. Row	
13,00		13,00	2. Row	
65,00		65,00	3. Row	
87,00		87,00	4. Row	
18,00		18,00	5. Row	65°
54,00		54,00	6. Row	55°
22,00		22,00	7. Row	

4,00			<b>Magnetic Susceptibility</b>	
3,00				

35,00	35,00		1. Row	
56,00	56,00		2. Row	
46,00	46,00		3. Row	
6,00			4. Row	
47,00	47,00		5. Row	
55,00	55,00		6. Row	
42,00	42,00		7. Row	

<b>Measurement at</b>	
1. Row	148,76 m
2. Row	149,58 m
3. Row	150,40 m
4. Row	151,22 m
5. Row	152,03 m
6. Row	152,85 m
7. Row	153,67 m

**BOX 28** 5,72 m **EXCELLENT**

<b>Date:</b> 154,08 - to - 159,80			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,0	99,0	RQD 99,0	Degrees from horizontal	
54,00		54,00	1. Row	50°
40,00		40,00	2. Row	45°
71,00		71,00	3. Row	
24,00		24,00	4. Row	
96,00		96,00	5. Row	
64,00		64,00	6. Row	50°
28,00		28,00	7. Row	

97,00	97,00		<b>Magnetic Susceptibility</b>	
92,00	92,00			

			1. Row	
			2. Row	
			3. Row	
			4. Row	
			5. Row	
			6. Row	
			7. Row	

<b>Measurement at</b>	
1. Row	154,49 m
2. Row	155,31 m
3. Row	156,12 m
4. Row	156,94 m
5. Row	157,76 m
6. Row	158,57 m
7. Row	159,39 m

**BOX 29**      5,80 m      EXCELLENT

<b>Date:</b> 159,80 - to - 165,60			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	95,9	RQD	Degrees from horizontal	
99,3		95,0		
14,00		14,00	1. Row	48°
14,00		14,00	2. Row	65°
51,00		51,00	3. Row	38°
18,00		18,00	4. Row	
19,00		19,00	5. Row	65°
2,00			6. Row	
76,00		76,00	7. Row	
57,00		57,00		
40,00		40,00		
20,00	ni			
69,00		69,00		
3,00				
96,00		96,00		
97,00		97,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	160,21 m
2. Row	161,04 m
3. Row	161,87 m
4. Row	162,70 m
5. Row	163,53 m
6. Row	164,36 m
7. Row	165,19 m

**BOX 30**      5,52 m      EXCELLENT

<b>Date:</b> 165,60 - to - 171,12			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	96,0	RQD	Degrees from horizontal	
100,0		96,0		
73,00		73,00	1. Row	38°
22,00	ni		2. Row	
97,00		97,00	3. Row	38°
9,00		9,00	4. Row	
83,00		83,00	5. Row	
98,00		98,00	6. Row	62°
78,00		78,00	7. Row	
16,00		16,00		
76,00		76,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	165,99 m
2. Row	166,78 m
3. Row	167,57 m
4. Row	168,36 m
5. Row	169,15 m
6. Row	169,94 m
7. Row	170,73 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 273 meter  
**Casing/Overburden:** 2,9 meter

**BOX 31**      5,58 m      **EXCELLENT**

**Date:** 171,12 - to - 176,70  
**DIP ANGLE**  
**RECOVERY**  
**Total**      **Solid**      **Modified**  
 [cm]      [cm]      [cm]

REC	RQD	Degrees from horizontal
100,0	100,0	
98,2	98,2	
97,00	97,00	1. Row 58°
24,00	24,00	2. Row
49,00	49,00	3. Row
4,00		4. Row
18,00	18,00	5. Row 62°
9,00	9,00	6. Row
88,00	88,00	7. Row
6,00		
12,00	12,00	
18,00	18,00	
62,00	62,00	
93,00	93,00	
36,00	36,00	
42,00	42,00	

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 171,52 m  
 2. Row 172,32 m  
 3. Row 173,11 m  
 4. Row 173,91 m  
 5. Row 174,71 m  
 6. Row 175,50 m  
 7. Row 176,30 m

**BOX 32**      5,70 m      EXCELLENT

<b>Date:</b> 176,70 - to - 182,40			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	95,6	RQD	Degrees from horizontal
96,7		97,00	1. Row 40°
97,00		97,00	2. Row 58°
69,00		69,00	3. Row
26,00		26,00	4. Row 70°
28,00		28,00	5. Row
6,00	ni		6. Row
22,00		22,00	7. Row
18,00		18,00	
96,00		96,00	
92,00		92,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row 177,11 m
2. Row 177,92 m
3. Row 178,74 m
4. Row 179,55 m
5. Row 180,36 m
6. Row 181,18 m
7. Row 181,99 m

**BOX 33**      5,78 m      EXCELLENT

<b>Date:</b> 182,40 - to - 188,18			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,7	RQD	Degrees from horizontal
99,7		39,00	1. Row 58°
18,00		18,00	2. Row
42,00		42,00	3. Row 56°
97,00		97,00	4. Row 57°
72,00		72,00	5. Row 52°
22,00		22,00	6. Row 56°
18,00		18,00	7. Row
75,00		75,00	
97,00		97,00	
96,00		96,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row 182,81 m
2. Row 183,64 m
3. Row 184,46 m
4. Row 185,29 m
5. Row 186,12 m
6. Row 186,94 m
7. Row 187,77 m

**BOX 34** 5,72 m **GOOD**

<b>Date:</b> 188,18 - to - 193,90			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
100,0	89,7	88,8		
32,00		32,00	1. Row	
15,00		15,00	2. Row	45°
46,00		46,00	3. Row	55°
97,00		97,00	4. Row	50°
89,00		89,00	5. Row	
9,00		9,00	6. Row	
71,00		71,00	7. Row	

24,00	ni			
35,00	ni			
29,00		29,00		
33,00		33,00		
39,00		39,00		
5,00				
19,00		19,00	1. Row	
29,00		29,00	2. Row	

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	188,59 m
2. Row	189,41 m
3. Row	190,22 m
4. Row	191,04 m
5. Row	191,86 m
6. Row	192,67 m
7. Row	193,49 m

**BOX 35** 4,10 m **EXCELLENT**

<b>Date:</b> 193,90 - to - 198,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
100,0	100,0	99,0		
95,00		95,00	1. Row	
22,00		22,00	2. Row	57°
62,00		62,00	3. Row	65°
3,00			4. Row	
9,00		9,00	5. Row	65°
23,00		23,00	6. Row	
14,00		14,00	7. Row	

16,00		16,00		
30,00		30,00		
9,00		9,00		
33,00		33,00		
64,00		64,00		
29,00		29,00		
1,00				

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	194,19 m
2. Row	194,78 m
3. Row	195,36 m
4. Row	195,95 m
5. Row	196,54 m
6. Row	197,12 m
7. Row	197,71 m

**BOX 36**      6,45 m      **FAIR**

<b>Date:</b> 198,00 - to - 204,45			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	Solid	RQD	Degrees from horizontal	
71,5	52,6	51,3		
100,00	ni		1. Row	
22,00	ni		2. Row	
69,00		69,00	3. Row	70°
28,00		28,00	4. Row	60°
78,00		78,00	5. Row	48°
21,00		21,00	6. Row	
15,00		15,00	7. Row	
19,00		19,00		
59,00		59,00		
8,00				
42,00		42,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	198,46 m
2. Row	199,38 m
3. Row	200,30 m
4. Row	201,23 m
5. Row	202,15 m
6. Row	203,07 m
7. Row	203,99 m

**BOX 37**      6,29 m      **EXCELLENT**

<b>Date:</b> 204,45 - to - 210,74			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	Solid	RQD	Degrees from horizontal	
94,6	94,6	93,2		
63,00		63,00	1. Row	47°
32,00		32,00	2. Row	48°
100,00		100,00	3. Row	
63,00		63,00	4. Row	62°
21,00		21,00	5. Row	62°
14,00		14,00	6. Row	
5,00			7. Row	
26,00		26,00		
25,00		25,00		
100,00		100,00		
27,00		27,00		
41,00		41,00		
4,00				
14,00		14,00		
9,00		9,00		
51,00		51,00		

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	204,90 m
2. Row	205,80 m
3. Row	206,70 m
4. Row	207,60 m
5. Row	208,49 m
6. Row	209,39 m
7. Row	210,29 m

**BOX 38** 6,39 m **EXCELLENT**

Date: 210,74 - to - 217,13  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]

**DIP ANGLE**  
 Fractures  
 Foliation or bedding

REC	98,9	RQD	Degrees from horizontal
100,0		98,3	
97,00		97,00	1. Row
4,00			2. Row 45°
33,00		33,00	3. Row
63,00		63,00	4. Row 38°
38,00		38,00	5. Row 60°
61,00		61,00	6. Row
52,00		52,00	7. Row
11,00		11,00	
14,00		14,00	
13,00		13,00	
7,00	ni		
97,00		97,00	
98,00		98,00	
51,00		51,00	

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 211,20 m  
 2. Row 212,11 m  
 3. Row 213,02 m  
 4. Row 213,94 m  
 5. Row 214,85 m  
 6. Row 215,76 m  
 7. Row 216,67 m

**BOX 39** 6,47 m **EXCELLENT**

Date: 217,13 - to - 223,60  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]

**DIP ANGLE**  
 Fractures  
 Foliation or bedding

REC	97,1	RQD	Degrees from horizontal
100,0		94,9	
49,00		49,00	1. Row 60°
41,00		41,00	2. Row
6,00			3. Row 88°
96,00		96,00	4. Row
81,00		81,00	5. Row 59°
8,00			6. Row 55°
11,00	ni		7. Row 57°
58,00		58,00	
39,00		39,00	
72,00		72,00	
26,00		26,00	
52,00		52,00	
27,00		27,00	
20,00		20,00	1. Row
42,00		42,00	2. Row
8,00	ni		3. Row
11,00		11,00	4. Row
			5. Row
			6. Row
			7. Row

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 217,59 m  
 2. Row 218,52 m  
 3. Row 219,44 m  
 4. Row 220,37 m  
 5. Row 221,29 m  
 6. Row 222,21 m  
 7. Row 223,14 m

**BOX 40**      6,28 m      EXCELLENT

<b>Date:</b> 223,60 - to - 229,88			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	RQD 96,0	Degrees from horizontal
76,00	76,00	1. Row
15,00	15,00	2. Row
6,00		3. Row
97,00	97,00	4. Row
99,00	99,00	5. Row
71,00	71,00	6. Row 60°
19,00	19,00	7. Row

REC 100,0	RQD 96,0	Magnetic Susceptibility
80,00	80,00	1. Row
13,00	13,00	2. Row
62,00	62,00	3. Row
11,00	11,00	4. Row
8,00		5. Row
11,00	11,00	6. Row
6,00		7. Row
9,00	9,00	
0,00		

Measurement at	
1. Row	224,05 m
2. Row	224,95 m
3. Row	225,84 m
4. Row	226,74 m
5. Row	227,64 m
6. Row	228,53 m
7. Row	229,43 m

**BOX 41**      6,43 m      EXCELLENT

<b>Date:</b> 229,88 - to - 236,31			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 97,0	RQD 97,0	Degrees from horizontal
94,00	94,00	1. Row
33,00	33,00	2. Row 30°
61,00	61,00	3. Row 44°
97,00	97,00	4. Row 44°
97,00	97,00	5. Row
22,00	22,00	6. Row 44°
72,00	72,00	7. Row

REC 97,0	RQD 97,0	Magnetic Susceptibility
97,00	97,00	1. Row
51,00	51,00	2. Row
		3. Row
		4. Row
		5. Row
		6. Row
		7. Row

Measurement at	
1. Row	230,34 m
2. Row	231,26 m
3. Row	232,18 m
4. Row	233,10 m
5. Row	234,01 m
6. Row	234,93 m
7. Row	235,85 m

**BOX 42**      6,22 m      EXCELLENT

<b>Date:</b> 236,31 - to - 242,53			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	RQD 100,0	Degrees from horizontal
74,00	74,00	1. Row 50°
20,00	20,00	2. Row 54°
97,00	97,00	3. Row 29°
97,00	97,00	4. Row 52°
96,00	96,00	5. Row 60°
92,00	92,00	6. Row 60°
95,00	95,00	7. Row
51,00	51,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	236,75 m
2. Row	237,64 m
3. Row	238,53 m
4. Row	239,42 m
5. Row	240,31 m
6. Row	241,20 m
7. Row	242,09 m

**BOX 43**      6,35 m      EXCELLENT

<b>Date:</b> 242,53 - to - 248,88			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,2	RQD 98,7	Degrees from horizontal
56,00	56,00	1. Row 74°
37,00	37,00	2. Row 82°
3,00	ni	3. Row
33,00	33,00	4. Row 44°
56,00	56,00	5. Row 58°
95,00	95,00	6. Row
79,00	79,00	7. Row 74°
16,00	16,00	
98,00	98,00	
94,00	94,00	
63,00	63,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	242,98 m
2. Row	243,89 m
3. Row	244,80 m
4. Row	245,71 m
5. Row	246,61 m
6. Row	247,52 m
7. Row	248,43 m

**BOX 44**      6,22 m      EXCELLENT

<b>Date:</b> 248,88 - to - 255,10			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	100,0	RQD 100,0	Degrees from horizontal	
19,00		19,00	1. Row	74°
78,00		78,00	2. Row	82°
97,00		97,00	3. Row	
96,00		96,00	4. Row	44°
40,00		40,00	5. Row	58°
54,00		54,00	6. Row	
98,00		98,00	7. Row	74°
96,00		96,00		
44,00		44,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	249,32 m
2. Row	250,21 m
3. Row	251,10 m
4. Row	251,99 m
5. Row	252,88 m
6. Row	253,77 m
7. Row	254,66 m

**BOX 45**      6,00 m      EXCELLENT

<b>Date:</b> 255,10 - to - 261,10			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,7	99,7	RQD 99,7	Degrees from horizontal	
86,00		86,00	1. Row	58°
81,00		81,00	2. Row	64°
88,00		88,00	3. Row	35°
41,00		41,00	4. Row	76°
55,00		55,00	5. Row	68°
93,00		93,00	6. Row	74°
94,00		94,00	7. Row	39°
60,00		60,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	255,53 m
2. Row	256,39 m
3. Row	257,24 m
4. Row	258,10 m
5. Row	258,96 m
6. Row	259,81 m
7. Row	260,67 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 273 meter  
**Casing/Overburden** 2,9 meter

**BOX 46**      6,00 m      **EXCELLENT**

**Date:** 261,10 - to - 267,10      **DIP ANGLE**  
**RECOVERY**  
**Total**      **Solid**      **Modified**      **Fractures**      **Foliation or bedding**  
 [cm]      [cm]      [cm]

REC	100,0	RQD	100,0	Degrees from horizontal
77,00		77,00		1. Row 70°
88,00		88,00		2. Row 34°
99,00		99,00		3. Row
76,00		76,00		4. Row 54°
57,00		57,00		5. Row
98,00		98,00		6. Row 52°
89,00		89,00		7. Row 72°
16,00		16,00		

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 261,53 m  
 2. Row 262,39 m  
 3. Row 263,24 m  
 4. Row 264,10 m  
 5. Row 264,96 m  
 6. Row 265,81 m  
 7. Row 266,67 m

**BOX 47** 5,60 m **EXCELLENT**

<b>Date:</b> EOH			<b>DIP ANGLE</b>	
267,10 - to - 272,70			Fractures	Foliation or bedding
<b>RECOVERY</b>				
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	RQD	Degrees from horizontal
98,9	98,9	98,4
89,00	89,00	1. Row 56°
85,00	85,00	2. Row 68°
99,00	99,00	3. Row 56°
34,00	34,00	4. Row
3,00		5. Row
57,00	57,00	6. Row
97,00	97,00	7. Row
90,00	90,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	267,50 m
2. Row	268,30 m
3. Row	269,10 m
4. Row	269,90 m
5. Row	270,70 m
6. Row	271,50 m
7. Row	272,30 m

**BOX 48** 0,00 m **#DIV/0!**

<b>Date:</b> - to -			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	RQD	Degrees from horizontal
		1. Row
		2. Row
		3. Row
		4. Row
		5. Row
		6. Row
		7. Row

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

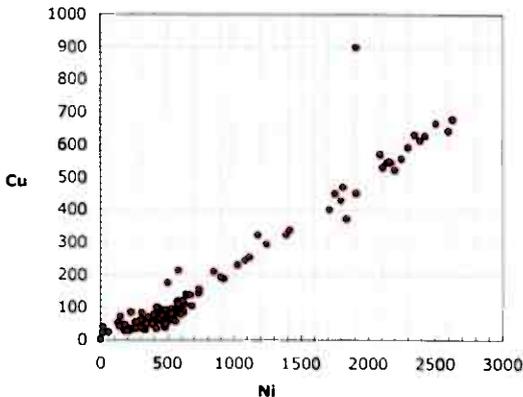
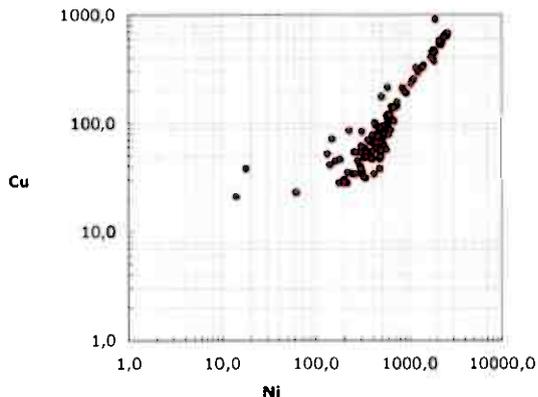


YEAR		2007		Info of Borehole		SH	
<b>Drill Date:</b> 24. Sep				<b>Ballangen DDH-07 SH-016</b>			
<b>HOLE ID:</b> SH-016							
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen		
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter [asl]	<b>Drill method:</b>	Core		
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	244,08 meter		
<b>Bearing:</b>	320°	<b>Logged date:</b>	22. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.		
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-	<b>Casing/overburden:</b>	2,7 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O. Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54							

**COMMENTS/PURPOSE**

Testing of core zone of significant EM anomaly identified from SkyTEM 2005 and 2006

SULPHIDES					ALTERATION					Recovery		Dip angle		GEOCHEMISTRY					Mag. Susc. 10 <sup>-3</sup> SI	
Po.	Pn.	Cp.	Gph.	X.	Qtz.	Grt.	Bio.	Tre.	Phl.	Serp.	pct.	pct.	degree	Ni	Cu	Fe	Au	Co	Mag.	Susc.
[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]



**DDH ORIENTATION / DIP-TEST**

Tool Measurements	No measurements		
- Azimute	n.a	n.a	n.a
- Dip	n.a	n.a	n.a
- Depth	n.a	n.a	n.a

**LITHOLOGY**

- A - ALT/DYKE/PEG - Alteration - dyke - pegmatite
- B - MGN - Gneiss
- C - NO - Norite
- D - ONO - Olivinenorite
- E - OPX - Olivinepyroxenite (Ol-websterite)
- F - CPX - Olivinepyroxenite (Ol-websterite)
- G - PRD - Peridotite
- H - PX - Pyroxenite (Websterite)
- I - M - Mineralisation
- eoh - End of Hole

**DESCRIPTIVE STATISTIC**

	Ni	Cu
- Mean	730,95	156,58
- Median	495,00	78,00
- Minimum	14,00	21,00
- Maximum	2630,00	900,00
- Standard Deviation	639,37	182,58
- Numbers	143,00	143,00
- Curtosis	1,63	2,84
- Skewness	1,69	1,95
- Variance	408798	33337
- Detection Limit	14,00	21,00

**SULPHIDES**

- 1. - Pyrrhotite **Po.**
- 2. - Pentlandite **Pn.**
- 3. - Chalcopyrite **Cp.**
- 4. - Graphite **Gph.**
- 5. - X **X.**

**ALTERATION**

- 6. - Garnet **Grt.**
- 7. - Biotite **Bio.**
- 8. - Tremolite **Tre.**
- 9. - Phlogopite **Phl.**
- 10. - Serpentine **Serp.**

**GEOCHEMISTRY**

- 11. - Nickel **Ni** [ppm]
- 12. - Copper **Cu** [ppm]
- 13. - Iron **Fe** [pct]
- 14. - Gold **Au** [ppb]
- 15. - Cobalt **Co** [ppm]

**MAGNETIC SUSCEPTIBILITY**

16. - Magnetic Susceptibility Mag. Susc. 10<sup>-3</sup> SI **MS**

**ROSE DIAGRAM**

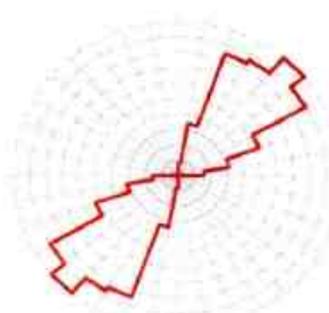
**2-DIMENSIONAL ORIENTATION ANALYSES**

**FRACTURES**

- Calculation Methode
- Class Interval
- Data Type
- Population
- Mean
- Standard Deviation
- Maximum Petal
- Standard Deviation Petal

**FOLIATION OR BEDDING**

- Calculation Methode
- Class Interval
- Data Type
- Population
- Mean
- Standard Deviation
- Maximum Petal
- Standard Deviation Petal



FRACTURES

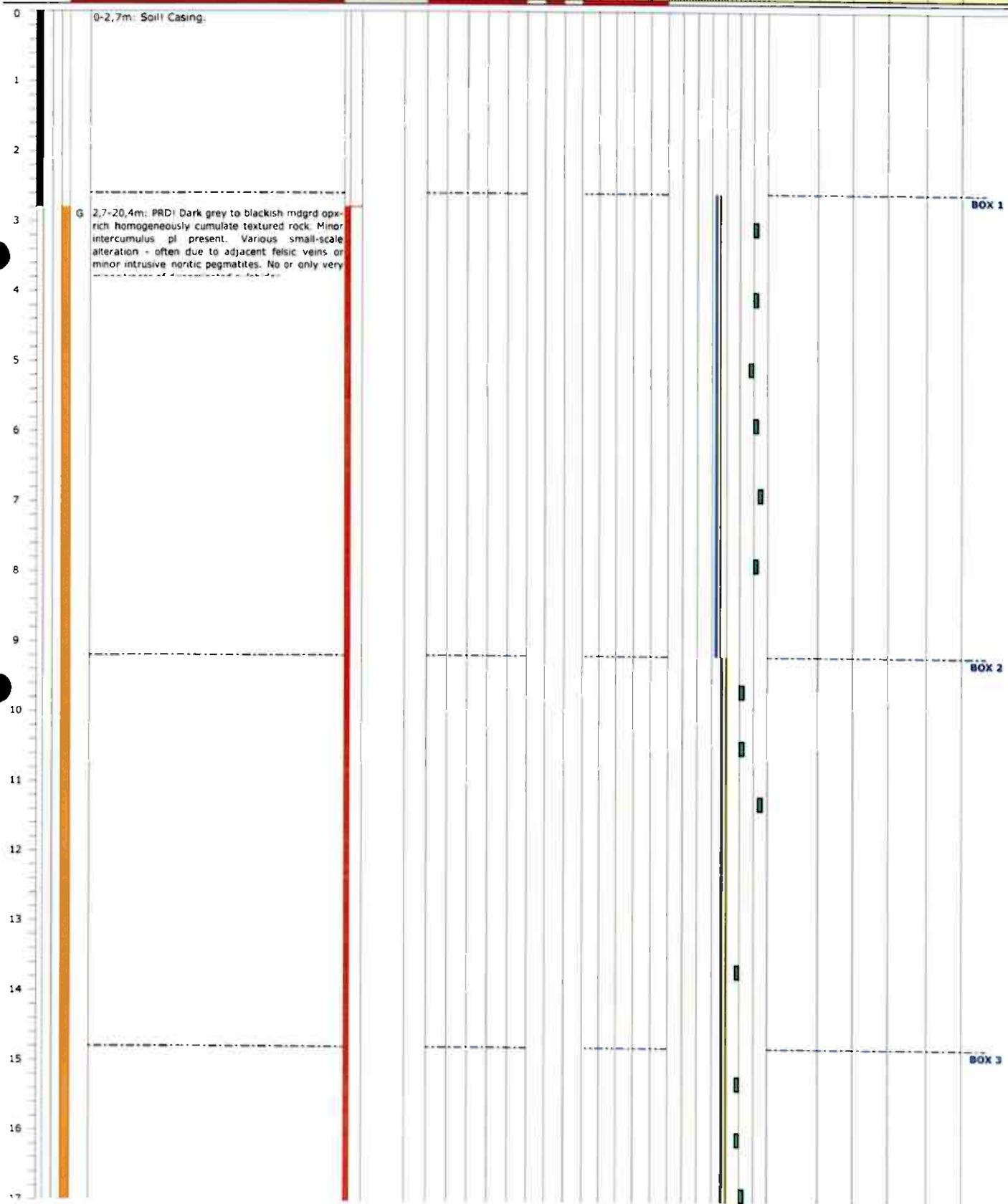


FOLIATION OR BEDDING

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	24. Sep		<b>Ballangen DDH-07 SH-016</b>		
<b>HOLE ID:</b>	SH-016				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	244,08 meter
<b>Bearing:</b>	320°	<b>Logged date:</b>	22. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,7 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Suic. 10 SI
				Pe	Pn	Cp	Gph.	X.		Grt.	Bo	Tr	Phl.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	









<b>YEAR</b>	<b>2007</b>	<b>Log of Borehole</b>			
<b>Drill Date:</b>	24. Sep	<b>Ballangen DDH-07 SH-016</b>			
<b>HOLE ID:</b>	SH-016	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Project:</b>	Ballangen	<b>Elevation:</b>	515 meter (asl)	<b>Drill method:</b>	Core
<b>Northing:</b>	7583367	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Easting:</b>	584378	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	244,08 meter
<b>Datum:</b>	WGS84	<b>Logged date:</b>	22. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.
<b>Bearing:</b>	320°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,7 meter <input type="checkbox"/>
<b>Dip:</b>	-45°	<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338			

**Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54**

Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-10</sup> SI
		Description			Po.	Py.	Cp.	Gph.	X.		Gr.	Bl.	Tr.	Ph.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
69	G	69,8-72,2m: PRD!																				
72	C	72,2-73,0m: NO! Norite dyke with peridotite fragments. No brecciation.																				
73	G	73,0-73,6m: PRD!																				
74	D	73,6-73,9m: ONO! Mafic norite dyke. Sharp intrusive contacts.																				
74	G	73,9-75,8m: PRD!																				
76	D	75,8-75,9m: ONO! Mafic norite dyke. Sharp intrusive contacts.																				
76	G	75,9-81,0m: PRD!																				
81	B	81,0-81,6m: GN! Gneiss producing minor alteration in adjacent peridotite.																				
82	G	81,6-88,2m: PRD!																				

BOX 13

BOX 14

BOX 15

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	24 Sep		<b>Ballangen DDH-07 SH-016</b>		
<b>HOLE ID:</b>	SH-016				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	244,08 meter
<b>Bearing:</b>	320°	<b>Logged date:</b>	22. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,7 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 SI
				Po	Pn	Co	Gph	Xc		Gt	Bo	Tr	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
88,2-89,1m	ONOI	Mafic norite dyke. Sharp intrusive contacts.																			
89,1-95,0m	PRDI																				BOX 16
95,0-95,9m	C	Breccia. Noritic breccia cross cutting the peridotite unit. Both un- and mineralised peridotite fragment. The sub- to angular fragment are wrapped by the noritic flow textured melt.																			BOX 17
95,9-102,5m	PRDI	Weak but clear flow texture.																			BOX 18







<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	24. Sep		<b>Ballangen DDH-07 SH-016</b>		
<b>HOLE ID:</b>	SH-016				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter (asl)	<b>Drill method:</b>	Core
<b>Eastng:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	244,08 meter
<b>Bearing:</b>	320°	<b>Logged date:</b>	22. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,7 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautskelno, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-1</sup> SI
				Po	Pn	Cp	Gph	Xc		Gr.	Bi.	Tr.	Ph.			Sep.	Ni (ppm)	Cu (ppm)	Fe (pct)	Au (ppb)	
154		D 154,3-155,0m: ONOI Fgrd mafic norite dyke. Grt-bearing.																			
155		D 155,0-171,1m: ONOI Several mafic norite dykes with seperating sharp intrusive contacts. Disseminated sulphids present in intervals. From 165,0-179,0m the disseminated sulphide pattern is due to mineralised mafic norite dykes. The mineralisatyion is minor net-textured disseminated																			
157																					
158																					
159																					
160																					
161																					
162																					
163																					
164																					
165																					
166																					
167																					
168																					
169																					
170																					

BOX 28

BOX 29

BOX 30



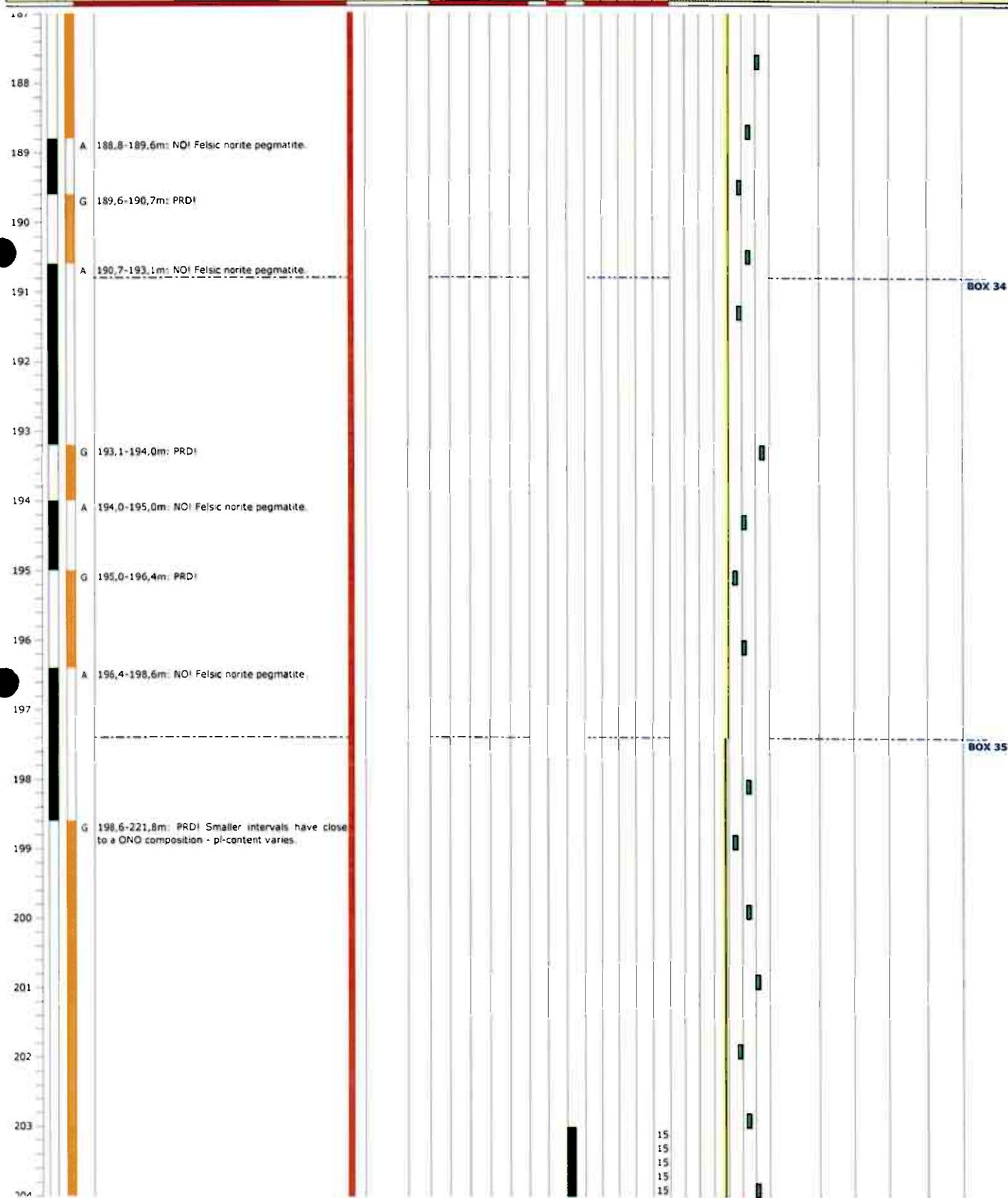
**Drill Date:** 24. Sep  
**HOLE ID:** SH-016  
**Project:** Ballangen  
**Northing:** 7583367  
**Easting:** 584378  
**Datum:** WGS84  
**Bearing:** 320°  
**Dip:** -45°  
**Contractor:** Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338

**Location:** Rånbogen  
**Elevation:** 515 meter (asl)  
**Geologist:** Mikkel Vognsen  
**Logged by:** Mikkel Vognsen  
**Logged date:** 22. april 2008  
**Survey date:** -

**Project manager:** Soren Lund Jensen  
**Drill method:** Core  
**Core:** BQ TK60/40.7 **Diameter:** 40,7 mm  
**Length:** 244,08 meter  
**Average REC/RQD:** 98,2 pct. / 97,1 pct.  
**Casing/overburden:** 2,7 meter

**Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54**

Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-10</sup> SI
		Description			Po.	Pn.	Co.	Gph.	X.		Gr.	Bl.	Tr.	Ph.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	





<b>YEAR</b>	2007		<b>Log of Borehole</b>		
<b>Drill Date:</b>	24. Sep		<b>Ballangen DDH-07 SH-016</b>		
<b>HOLE ID:</b>	SH-016				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	244,08 meter
<b>Bearing:</b>	320°	<b>Logged date:</b>	22. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-
<b>Contractor:</b>	Diamantboring Nörd AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-1</sup> SI
				Pb	Pn	Cp	Gph.	X.		Gt.	Bio.	Tre.	Phil.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
221,8-223,8m	A	NOI Felsic norite pegmatite.																			
223,8-228,9m	G	PRDI Minor pl-bearing. ONO affinity. Grading into subjacent ONO unit.																			
228,9-238,3m	D	ONDI Mdgrd mafic norite with slightly preferred orientated texture. Dyke. Opx-rich. Traces of disseminated sulphides. The last m is highly altered due to subjacent gneiss.																			
238,3-241,0m																					
241,0-244,0m																					

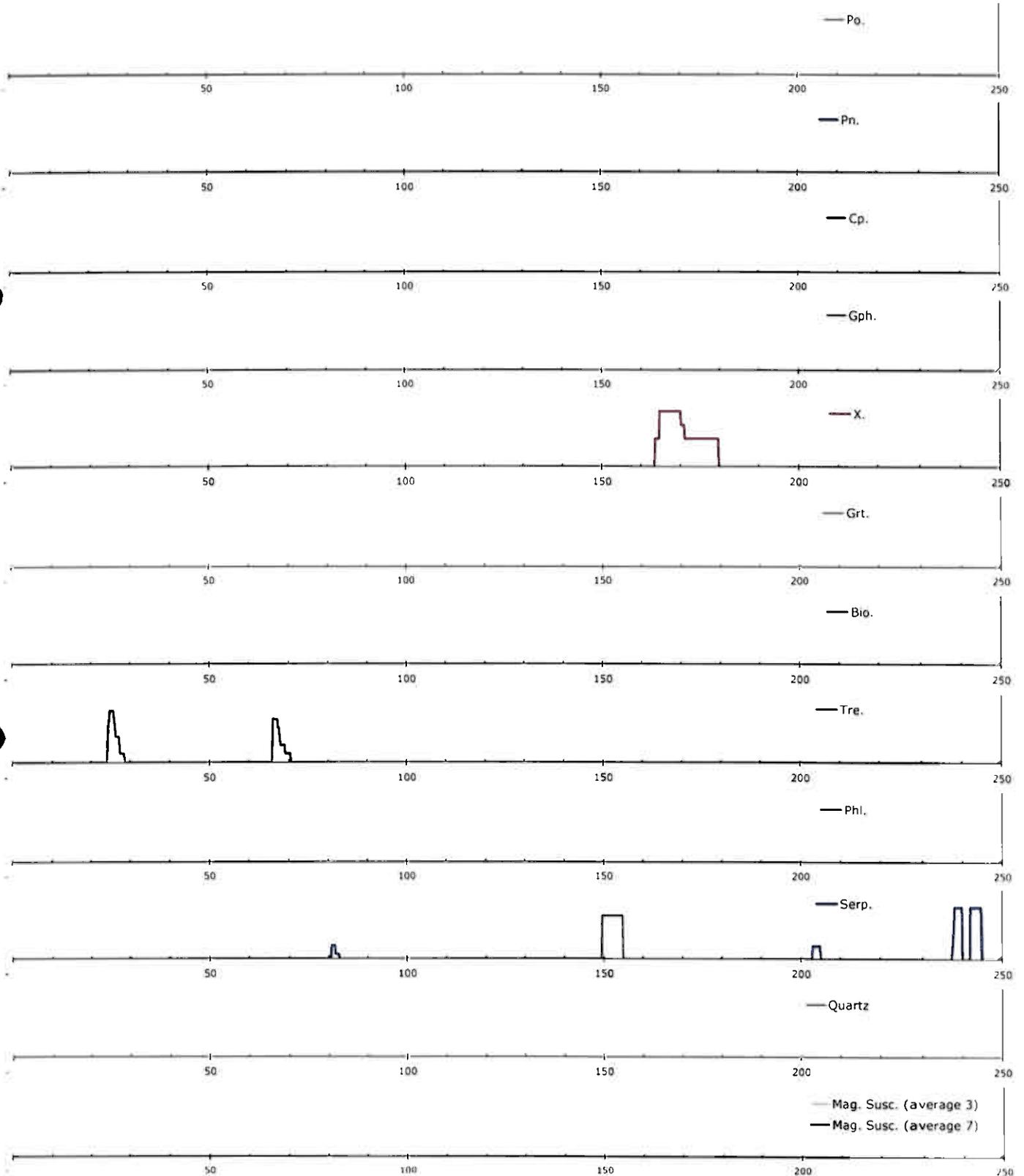
BOX 39  
0,22  
0,20  
0,08  
0,18  
0,16  
0,14  
BOX 40  
10  
20  
40  
BOX 41

<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	24. Sep		<b>Ballangen DDH-07 SH-016</b>		
<b>HOLE ID:</b>	SH-016				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Seren Lund Jensen
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	244,08 meter
<b>Bearing:</b>	320°	<b>Logged date:</b>	22. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				<b>Casing/overburden:</b> 2,7 meter <input type="checkbox"/>

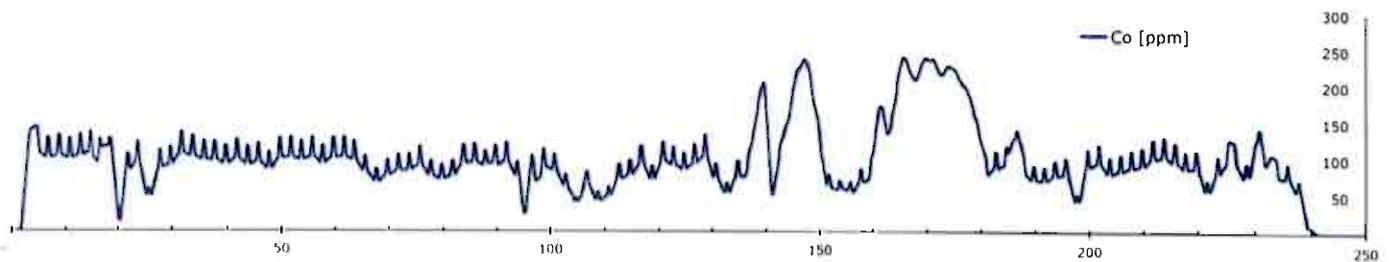
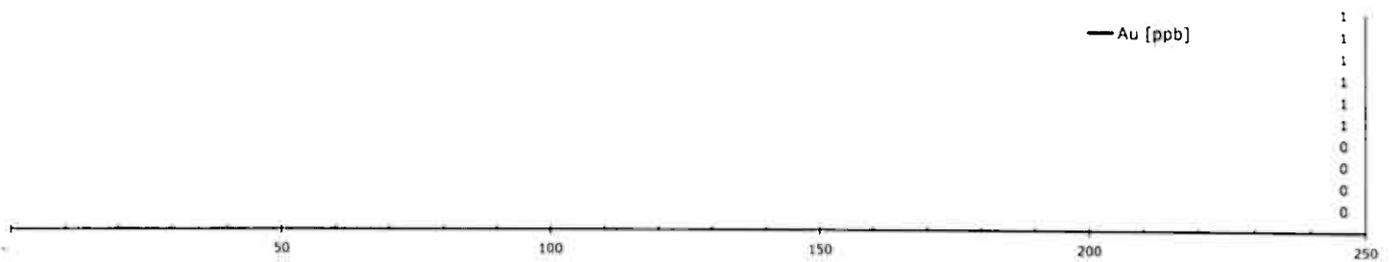
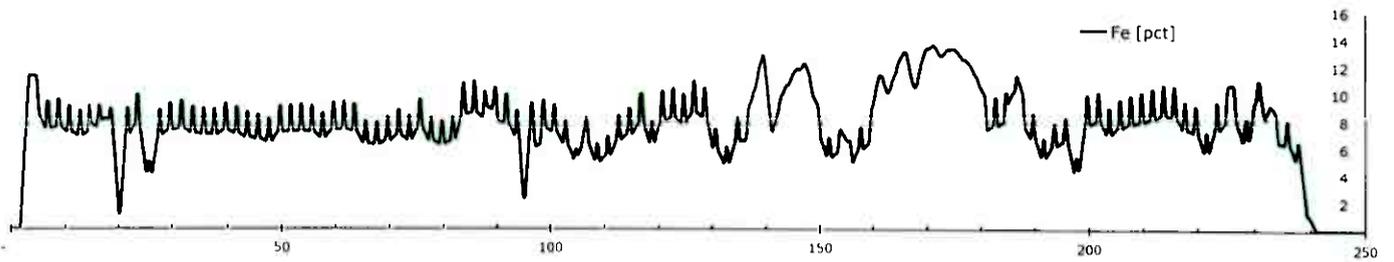
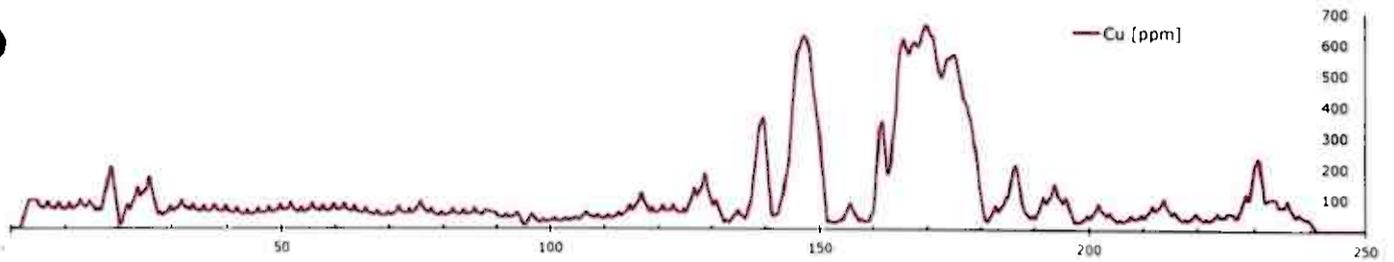
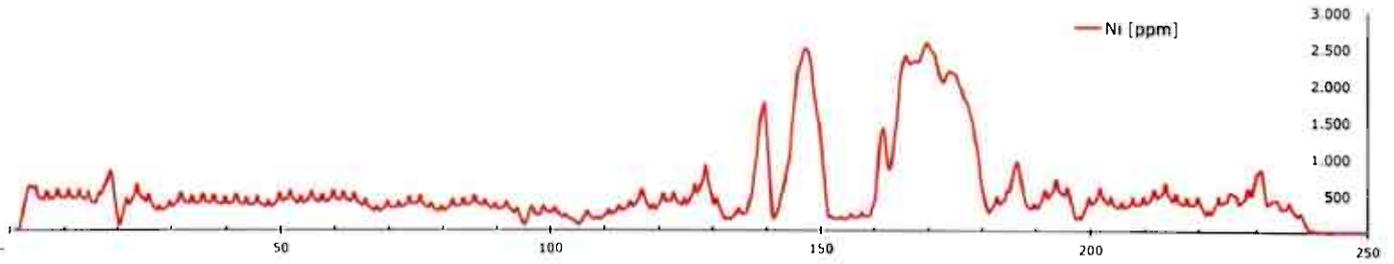
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Depth	Lithology	SUBSURFACE		Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 / SI
		Description			Po	Pn	Co	Gph.	Xc		Gt.	Bi.	Tr.	Ph.	Serp.			Ni (ppm)	Cu (ppm)	Fe (pct)	Au (ppb)	Co (ppm)	
238,3-238,6m	B	GNI Grit-bt gneiss. Minor tourmaline present.																					
238,6-240,0m	A	Alteration! Tremolite and serp.																					
240,0-242,0m	B	GNI 2mica gneiss.																					
242,0-243,0m	A	Alteration! Tremolite and serp.																					
243,0-243,6m	B	GNI Gneiss.																					
243,6-244,08m	A	Alteration! Tremolite and serp.																					
244	eeh																					<b>BOX 75</b>	
245																							
246																							
247																							
248																							
249																							
250																							
251																							
252																							
253																							
254																							
255																							

YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b>	24 September	<b>Ballangen DDH-07 SH-016</b>					
<b>HOLE ID:</b>	SH-016						
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen		
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter [asl]	<b>Drill method:</b>	Core		
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	244,08 meter		
<b>Bearing:</b>	320°	<b>Logged date:</b>	22. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.		
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-		
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
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YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b>	24 September	<b>Ballangen DDH-07 SH-016</b>				<b>Project manager:</b> Soren Lund Jensen	
<b>HOLE ID:</b>	SH-016						
<b>Project:</b>	Ballangen	<b>Location:</b>	Ranbogen	<b>Drill method:</b>	Core	<b>Core:</b> BQ TK60/40.7 <b>Diameter:</b> 40,7 mm	
<b>Northing:</b>	7583367	<b>Elevation:</b>	515 meter (asl)	<b>Length:</b>	244,08 meter		
<b>Easting:</b>	584378	<b>Geologist:</b>	Mikkel Vognsen	<b>Average REC/RQD:</b>	98,2 pct. / 97,1 pct.	<b>Casing/overburden:</b> 2,7 meter	
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>by:</b>	-		
<b>Bearing:</b>	320°	<b>Logged date:</b>	22. april 2008	<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338			
<b>Dip:</b>	-45°	<b>Survey date:</b>	-				
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**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 244 meter  
**Casing/Overburden** 2,7 meter

**BOX 1** 6,51 m **GOOD**

**Date:** 2,70 - to - 9,21  
**DIP ANGLE**  
**RECOVERY**  
**Total** **Solid** **Modified**  
 [cm] [cm] [cm]

**Fractures**  
**Foliation or bedding**

REC	RQD	Degrees from horizontal
<b>85,9</b>	<b>83,4</b>	<b>80,5</b>
30,00	30,00	1. Row 66°
4,00		2. Row 70°
36,00	36,00	3. Row 60°
26,00	26,00	4. Row 70°
42,00	42,00	5. Row 72°
29,00	29,00	6. Row 62°
22,00	22,00	7. Row
5,00		
58,00	58,00	
24,00	24,00	
9,00	9,00	
5,00		
26,00	26,00	
28,00	28,00	1. Row
7,00	ni	2. Row
19,00	19,00	3. Row
60,00	60,00	4. Row
7,00	ni	5. Row
25,00	25,00	6. Row
2,00	ni	7. Row
5,00		
20,00	20,00	
26,00	26,00	
44,00	44,00	

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 3,17 m  
 2. Row 4,10 m  
 3. Row 5,03 m  
 4. Row 5,96 m  
 5. Row 6,89 m  
 6. Row 7,82 m  
 7. Row 8,75 m

**BOX 2**      5,73 m      **EXCELLENT**

<b>Date:</b> 9,21 - to - 14,94			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	94,9	RQD	94,9	Degrees from horizontal
51,00		51,00		1. Row 35°
26,00	ni			2. Row 38°
18,00		18,00		3. Row 80°
17,00		17,00		4. Row 80°
11,00		11,00		5. Row
35,00		35,00		6. Row 26°
17,00		17,00		7. Row

REC	94,9	RQD	94,9	Magnetic Susceptibility
51,00		51,00		
26,00	ni			
18,00		18,00		
17,00		17,00		
11,00		11,00		
35,00		35,00		
17,00		17,00		
14,00		14,00		
34,00		34,00		
62,00		62,00		
24,00		24,00		
39,00		39,00		
31,00		31,00		
36,00		36,00		1. Row
59,00		59,00		2. Row
60,00		60,00		3. Row
36,00		36,00		4. Row
				5. Row
				6. Row
				7. Row

Measurement at	
1. Row	9,62 m
2. Row	10,44 m
3. Row	11,26 m
4. Row	12,08 m
5. Row	12,89 m
6. Row	13,71 m
7. Row	14,53 m

**BOX 3**      5,50 m      **EXCELLENT**

<b>Date:</b> 14,94 - to - 20,44			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	94,7	RQD	94,7	Degrees from horizontal
92,00		92,00		1. Row 26°
30,00		30,00		2. Row 28°
14,00	ni			3. Row 38°
10,00		10,00		4. Row 28°
38,00		38,00		5. Row 24°
10,00		10,00		6. Row 50°
26,00		26,00		7. Row

REC	94,7	RQD	94,7	Magnetic Susceptibility
92,00		92,00		
30,00		30,00		
14,00	ni			
10,00		10,00		
38,00		38,00		
10,00		10,00		
26,00		26,00		
56,00		56,00		
20,00		20,00		
30,00		30,00		
37,00		37,00		
13,00	ni			
23,00		23,00		
46,00		46,00		1. Row
9,00		9,00		2. Row
94,00		94,00		3. Row
				4. Row
				5. Row
				6. Row
				7. Row

Measurement at	
1. Row	15,33 m
2. Row	16,12 m
3. Row	16,90 m
4. Row	17,69 m
5. Row	18,48 m
6. Row	19,26 m
7. Row	20,05 m

**BOX 4**      5,66 m      **EXCELLENT**

<b>Date:</b> 20,44 - to - 26,10			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,4	RQD	98,4	Degrees from horizontal
93,00		93,00		1. Row 24°
26,00		26,00		2. Row 55°
30,00		30,00		3. Row
40,00		40,00		4. Row 22°
16,00		16,00		5. Row 64°
78,00		78,00		6. Row 36°
40,00		40,00		7. Row
50,00		50,00		
98,00		98,00		
20,00		20,00		
66,00		66,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 20,84 m
- 2. Row 21,65 m
- 3. Row 22,46 m
- 4. Row 23,27 m
- 5. Row 24,08 m
- 6. Row 24,89 m
- 7. Row 25,70 m

**BOX 5**      5,47 m      **GOOD**

<b>Date:</b> 26,10 - to - 31,57			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,1	RQD	89,2	Degrees from horizontal
20,00		20,00		1. Row 56°
2,00	ni			2. Row 45°
20,00		20,00		3. Row 76°
40,00	ni			4. Row 60°
13,00		13,00		5. Row 14°
78,00		78,00		6. Row 26°
12,00	ni			7. Row
95,00		95,00		
98,00		98,00		
24,00		24,00		
70,00		70,00		
70,00		70,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 26,49 m
- 2. Row 27,27 m
- 3. Row 28,05 m
- 4. Row 28,84 m
- 5. Row 29,62 m
- 6. Row 30,40 m
- 7. Row 31,18 m

**BOX 6**      5,69 m      EXCELLENT

<b>Date:</b> 31,57 - to - 37,26			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,5	99,5	RQD 99,5	Degrees from horizontal	
58,00		58,00	1. Row	24°
40,00		40,00	2. Row	84°
34,00		34,00	3. Row	
58,00		58,00	4. Row	
96,00		96,00	5. Row	32°
93,00		93,00	6. Row	40°
50,00		50,00	7. Row	
40,00		40,00		
97,00		97,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      31,98 m
- 2. Row      32,79 m
- 3. Row      33,60 m
- 4. Row      34,42 m
- 5. Row      35,23 m
- 6. Row      36,04 m
- 7. Row      36,85 m

**BOX 7**      5,53 m      EXCELLENT

<b>Date:</b> 37,26 - to - 42,79			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	100,0	RQD 100,0	Degrees from horizontal	
95,00		95,00	1. Row	38°
72,00		72,00	2. Row	9°
22,00		22,00	3. Row	22°
72,00		72,00	4. Row	
78,00		78,00	5. Row	
97,00		97,00	6. Row	32°
95,00		95,00	7. Row	
22,00		22,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      37,66 m
- 2. Row      38,45 m
- 3. Row      39,24 m
- 4. Row      40,03 m
- 5. Row      40,82 m
- 6. Row      41,61 m
- 7. Row      42,40 m

**BOX 8**      5,66 m      EXCELLENT

<b>Date:</b> 42,79 - to - 48,45			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	99,5	RQD	99,5	Degrees from horizontal
96,00		96,00		1. Row 50°
96,00		96,00		2. Row 50°
21,00		21,00		3. Row
72,00		72,00		4. Row 28°
95,00		95,00		5. Row 40°
95,00		95,00		6. Row 38°
33,00		33,00		7. Row
55,00		55,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 43,19 m
- 2. Row 44,00 m
- 3. Row 44,81 m
- 4. Row 45,62 m
- 5. Row 46,43 m
- 6. Row 47,24 m
- 7. Row 48,05 m

**BOX 9**      5,80 m      EXCELLENT

<b>Date:</b> 48,45 - to - 54,25			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	99,1	RQD	99,1	Degrees from horizontal
97,00		97,00		1. Row
98,00		98,00		2. Row 40°
51,00		51,00		3. Row
38,00		38,00		4. Row
98,00		98,00		5. Row
97,00		97,00		6. Row
64,00		64,00		7. Row
32,00		32,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 48,86 m
- 2. Row 49,69 m
- 3. Row 50,52 m
- 4. Row 51,35 m
- 5. Row 52,18 m
- 6. Row 53,01 m
- 7. Row 53,84 m

**BOX 10**      5,83 m      EXCELLENT

<b>Date:</b> 54,25 - to - 60,08			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,0	99,0	RQD 99,0	Degrees from horizontal	
96,00		96,00	1. Row	
98,00		98,00	2. Row	
68,00		68,00	3. Row	
27,00		27,00	4. Row	30°
99,00		99,00	5. Row	
95,00		95,00	6. Row	52°
78,00		78,00	7. Row	
16,00		16,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	54,67 m
2. Row	55,50 m
3. Row	56,33 m
4. Row	57,17 m
5. Row	58,00 m
6. Row	58,83 m
7. Row	59,66 m

**BOX 11**      5,82 m      EXCELLENT

<b>Date:</b> 60,08 - to - 65,90			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,8	99,8	RQD 98,8	Degrees from horizontal	
97,00		97,00	1. Row	45°
99,00		99,00	2. Row	
88,00		88,00	3. Row	
6,00			4. Row	24°
98,00		98,00	5. Row	58°
100,00		100,00	6. Row	
93,00		93,00	7. Row	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	60,50 m
2. Row	61,33 m
3. Row	62,16 m
4. Row	62,99 m
5. Row	63,82 m
6. Row	64,65 m
7. Row	65,48 m

**BOX 12**      5,80 m      EXCELLENT

<b>Date:</b> 65,90 - to - 71,70			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	95,9	95,9	RQD	94,5	Degrees from horizontal	
93,00			93,00		1. Row	40°
95,00			95,00		2. Row	4°
97,00			97,00		3. Row	50°
8,00					4. Row	44°
68,00			68,00		5. Row	50°
97,00			97,00		6. Row	40°
98,00			98,00		7. Row	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      66,31 m
- 2. Row      67,14 m
- 3. Row      67,97 m
- 4. Row      68,80 m
- 5. Row      69,63 m
- 6. Row      70,46 m
- 7. Row      71,29 m

**BOX 13**      5,77 m      EXCELLENT

<b>Date:</b> 71,70 - to - 77,47			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	97,7	97,7	RQD	97,7	Degrees from horizontal	
20,00			20,00		1. Row	
76,00			76,00		2. Row	12°
95,00			95,00		3. Row	70°
99,00			99,00		4. Row	28°
25,00			25,00		5. Row	30°
64,00			64,00		6. Row	
90,00			90,00		7. Row	
95,00			95,00			

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      72,11 m
- 2. Row      72,94 m
- 3. Row      73,76 m
- 4. Row      74,59 m
- 5. Row      75,41 m
- 6. Row      76,23 m
- 7. Row      77,06 m

**BOX 14**      5,70 m      EXCELLENT

<b>Date:</b> 77,47 - to - 83,17			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
96,8	96,0	94,9		
41,00		41,00	1. Row	5°
53,00		53,00	2. Row	64°
85,00		85,00	3. Row	
98,00		98,00	4. Row	44°
64,00		64,00	5. Row	30°
12,00		12,00	6. Row	
3,00	ni		7. Row	
12,00		12,00		
10,00		10,00		
2,00	ni			
13,00		13,00		

<b>Magnetic Susceptibility</b>		
6,00		
9,00		9,00
50,00		50,00
27,00		27,00
67,00		67,00
		1. Row
		2. Row
		3. Row
		4. Row
		5. Row
		6. Row
		7. Row

<b>Measurement at</b>	
1. Row	77,88 m
2. Row	78,69 m
3. Row	79,51 m
4. Row	80,32 m
5. Row	81,13 m
6. Row	81,95 m
7. Row	82,76 m

**BOX 15**      5,64 m      EXCELLENT

<b>Date:</b> 83,17 - to - 88,81			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
100,0	100,0	100,0		
99,00		99,00	1. Row	
94,00		94,00	2. Row	
43,00		43,00	3. Row	
49,00		49,00	4. Row	
97,00		97,00	5. Row	
94,00		94,00	6. Row	
58,00		58,00	7. Row	
30,00		30,00		

<b>Magnetic Susceptibility</b>		
		1. Row
		2. Row
		3. Row
		4. Row
		5. Row
		6. Row
		7. Row

<b>Measurement at</b>	
1. Row	83,57 m
2. Row	84,38 m
3. Row	85,18 m
4. Row	85,99 m
5. Row	86,80 m
6. Row	87,60 m
7. Row	88,41 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 244 meter  
**Casing/Overburden:** 2,7 meter

**BOX 16** 5,66 m **EXCELLENT**

**Date:** 88,81 - to - 94,47  
**RECOVERY**  
**Total** [cm]    **Solid** [cm]    **Modified** [cm]

**DIP ANGLE**  
 Fractures  
 Foliation or bedding

REC	100,0	RQD	97,5	Degrees from horizontal
68,00		68,00		1. Row 84°
22,00		22,00		2. Row 70°
75,00		75,00		3. Row
5,00				4. Row
14,00		14,00		5. Row
96,00		96,00		6. Row
97,00		97,00		7. Row
37,00		37,00		
59,00		59,00		
4,00				
5,00				
84,00		84,00		

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 89,21 m  
 2. Row 90,02 m  
 3. Row 90,83 m  
 4. Row 91,64 m  
 5. Row 92,45 m  
 6. Row 93,26 m  
 7. Row 94,07 m

**BOX 17**      5,77 m      EXCELLENT

<b>Date:</b> 94,47 - to - 100,24			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,8	99,8	RQD	98,4	Degrees from horizontal
98,00			98,00		1. Row
45,00			45,00		2. Row
51,00			51,00		3. Row
94,00			94,00		4. Row
97,00			97,00		5. Row    60°
8,00					6. Row
88,00			88,00		7. Row
95,00			95,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	94,88 m
2. Row	95,71 m
3. Row	96,53 m
4. Row	97,36 m
5. Row	98,18 m
6. Row	99,00 m
7. Row	99,83 m

**BOX 18**      5,46 m      EXCELLENT

<b>Date:</b> 100,24 - to - 105,70			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	100,0	100,0	RQD	100,0	Degrees from horizontal
97,00			97,00		1. Row    42°
33,00			33,00		2. Row    62°
59,00			59,00		3. Row    80°
95,00			95,00		4. Row    42°
99,00			99,00		5. Row    12°
58,00					6. Row
30,00			30,00		7. Row
75,00			75,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	100,63 m
2. Row	101,41 m
3. Row	102,19 m
4. Row	102,97 m
5. Row	103,75 m
6. Row	104,53 m
7. Row	105,31 m

**BOX 19**      5,83 m      EXCELLENT

<b>Date:</b> 105,70 - to - 111,53			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
95,9	95,5	95,0		
91,00		91,00	1. Row	65°
2,00	ni		2. Row	45°
86,00		86,00	3. Row	45°
98,00		98,00	4. Row	
96,00		96,00	5. Row	43°
98,00		98,00	6. Row	
13,00		13,00	7. Row	
3,00				
72,00		72,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      106,12 m
- 2. Row      106,95 m
- 3. Row      107,78 m
- 4. Row      108,62 m
- 5. Row      109,45 m
- 6. Row      110,28 m
- 7. Row      111,11 m

**BOX 20**      5,75 m      EXCELLENT

<b>Date:</b> 111,53 - to - 117,28			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
99,7	99,7	99,7		
95,00		95,00	1. Row	43°
94,00		94,00	2. Row	87°
27,00		27,00	3. Row	43°
69,00		69,00	4. Row	48°
94,00		94,00	5. Row	57°
30,00		30,00	6. Row	70°
68,00		68,00	7. Row	
58,00		58,00		
38,00		38,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      111,94 m
- 2. Row      112,76 m
- 3. Row      113,58 m
- 4. Row      114,41 m
- 5. Row      115,23 m
- 6. Row      116,05 m
- 7. Row      116,87 m

**BOX 21**      5,52 m      EXCELLENT

<b>Date:</b> 117,28 - to - 122,80			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	100,0	RQD	Degrees from horizontal	
92,00		92,00	1. Row	18°
93,00		93,00	2. Row	46°
86,00		86,00	3. Row	48°
92,00		92,00	4. Row	68°
95,00		95,00	5. Row	32°
94,00		94,00	6. Row	36°
			7. Row	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      117,67 m
- 2. Row      118,46 m
- 3. Row      119,25 m
- 4. Row      120,04 m
- 5. Row      120,83 m
- 6. Row      121,62 m
- 7. Row      122,41 m

**BOX 22**      5,71 m      EXCELLENT

<b>Date:</b> 122,80 - to - 128,51			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,3	98,1	RQD	98,1	Degrees from horizontal	
13,00			13,00		1. Row	46°
83,00			83,00		2. Row	42°
95,00			95,00		3. Row	16°
96,00			96,00		4. Row	16°
22,00			22,00		5. Row	70°
1,00	ni				6. Row	58°
71,00			71,00		7. Row	
37,00			37,00			
4,00	ni					
49,00			49,00			
2,00	ni					
94,00			94,00			

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      123,21 m
- 2. Row      124,02 m
- 3. Row      124,84 m
- 4. Row      125,66 m
- 5. Row      126,47 m
- 6. Row      127,29 m
- 7. Row      128,10 m

**BOX 23** 5,89 m **EXCELLENT**

<b>Date:</b> 128,51 - to - 134,40			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	90,8	RQD	Degrees from horizontal	
95,00		95,00	1. Row	33°
90,00		90,00	2. Row	52°
36,00		36,00	3. Row	22°
5,00	ni		4. Row	55°
37,00		37,00	5. Row	
99,00		99,00	6. Row	68°
87,00		87,00	7. Row	
91,00		91,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 128,93 m
- 2. Row 129,77 m
- 3. Row 130,61 m
- 4. Row 131,46 m
- 5. Row 132,30 m
- 6. Row 133,14 m
- 7. Row 133,98 m

**BOX 24** 5,72 m **EXCELLENT**

<b>Date:</b> 134,40 - to - 140,12			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	100,0	RQD	Degrees from horizontal	
97,00		97,00	1. Row	
95,00		95,00	2. Row	18°
6,00			3. Row	17°
91,00		91,00	4. Row	56°
93,00		93,00	5. Row	20°
97,00		97,00	6. Row	22°
27,00		27,00	7. Row	
66,00		66,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 134,81 m
- 2. Row 135,63 m
- 3. Row 136,44 m
- 4. Row 137,26 m
- 5. Row 138,08 m
- 6. Row 138,89 m
- 7. Row 139,71 m

**BOX 25**      5,80 m      EXCELLENT

<b>Date:</b> 140,12 - to - 145,92			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	100,0	RQD	100,0	Degrees from horizontal
97,00		97,00		1. Row
100,00		100,00		2. Row
35,00		35,00		3. Row
60,00		60,00		4. Row 30°
100,00		100,00		5. Row 25°
93,00		93,00		6. Row
42,00		42,00		7. Row
53,00		53,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 140,53 m
- 2. Row 141,36 m
- 3. Row 142,19 m
- 4. Row 143,02 m
- 5. Row 143,85 m
- 6. Row 144,68 m
- 7. Row 145,51 m

**BOX 26**      5,60 m      EXCELLENT

<b>Date:</b> 145,92 - to - 151,52			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	99,5	RQD	98,7	Degrees from horizontal
86,00		86,00		1. Row 33°
19,00		19,00		2. Row 43°
4,00				3. Row 28°
63,00		63,00		4. Row 52°
99,00		99,00		5. Row 33°
98,00		98,00		6. Row 52°
23,00		23,00		7. Row
65,00		65,00		
100,00		100,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 146,32 m
- 2. Row 147,12 m
- 3. Row 147,92 m
- 4. Row 148,72 m
- 5. Row 149,52 m
- 6. Row 150,32 m
- 7. Row 151,12 m

**BOX 27**      5,80 m      EXCELLENT

Date: 151,52 - to - 157,32  
**DIP ANGLE**  
**RECOVERY**  
 Total      Solid      Modified  
 [cm]      [cm]      [cm]

REC	96,7	RQD	96,7	Degrees from horizontal	
30,00		30,00		1. Row	27°
55,00		55,00		2. Row	52°
96,00		96,00		3. Row	20°
93,00		93,00		4. Row	42°
63,00		63,00		5. Row	43°
12,00		12,00		6. Row	
16,00		16,00		7. Row	
98,00		98,00			
98,00		98,00			

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      151,93 m
- 2. Row      152,76 m
- 3. Row      153,59 m
- 4. Row      154,42 m
- 5. Row      155,25 m
- 6. Row      156,08 m
- 7. Row      156,91 m

**BOX 28**      5,83 m      EXCELLENT

Date: 157,32 - to - 163,15  
**DIP ANGLE**  
**RECOVERY**  
 Total      Solid      Modified  
 [cm]      [cm]      [cm]

REC	98,0	RQD	98,0	Degrees from horizontal	
97,00		97,00		1. Row	
96,00		96,00		2. Row	62°
22,00		22,00		3. Row	54°
75,00		75,00		4. Row	
93,50		93,50		5. Row	45°
18,00		18,00		6. Row	45°
73,00		73,00		7. Row	
97,00		97,00			

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      157,74 m
- 2. Row      158,57 m
- 3. Row      159,40 m
- 4. Row      160,24 m
- 5. Row      161,07 m
- 6. Row      161,90 m
- 7. Row      162,73 m

**BOX 29**      1,45 m      EXCELLENT

<b>Date:</b> 163,15 - to - 164,60			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	95,2	95,2	RQD	95,2	Degrees from horizontal
	94,00		94,00		1. Row 50°
	44,00		44,00		2. Row 32°
					3. Row
					4. Row
					5. Row
					6. Row
					7. Row

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	163,25 m
2. Row	163,46 m
3. Row	163,67 m
4. Row	163,88 m
5. Row	164,08 m
6. Row	164,29 m
7. Row	164,50 m

**BOX 30**      6,40 m      EXCELLENT

<b>Date:</b> 164,60 - to - 171,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	100,0	98,0	98,0	Degrees from horizontal
	96,00		96,00	1. Row 55°
	97,00		97,00	2. Row 65°
	97,00		97,00	3. Row 62°
	17,00		17,00	4. Row 50°
	50,00		50,00	5. Row 50°
	13,00	ni		6. Row 58°
	95,00		95,00	7. Row 70°
	93,00		93,00	
	57,00		57,00	
	25,00		25,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	165,06 m
2. Row	165,97 m
3. Row	166,89 m
4. Row	167,80 m
5. Row	168,71 m
6. Row	169,63 m
7. Row	170,54 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 244 meter  
**Casing/Overburden:** 2,7 meter

**BOX 31**      6,78 m      **EXCELLENT**

**Date:** 171,00 - to - 177,78  
**DIP ANGLE**  
**RECOVERY**  
**Total**    **Solid**    **Modified**  
 [cm]      [cm]      [cm]

REC		RQD	Degrees from horizontal	
98,4	98,4	96,3		
92,00		92,00	1. Row	52°
98,00		98,00	2. Row	
31,00		31,00	3. Row	58°
12,00		12,00	4. Row	30°
6,00			5. Row	32°
8,00			6. Row	29°
13,00		13,00	7. Row	26°
23,00		23,00		
96,00		96,00		
98,00		98,00		
82,00		82,00		
10,00		10,00		
15,00		15,00		
83,00		83,00		

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row      171,48 m  
 2. Row      172,45 m  
 3. Row      173,42 m  
 4. Row      174,39 m  
 5. Row      175,36 m  
 6. Row      176,33 m  
 7. Row      177,30 m

**BOX 32**      6,70 m      **EXCELLENT**

<b>Date:</b> 177,78 - to - 184,48			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	99,3	RQD 98,2	Degrees from horizontal	
84,00		84,00	1. Row	51°
97,00		97,00	2. Row	
7,00			3. Row	45°
80,00		80,00	4. Row	58°
98,00		98,00	5. Row	30°
97,00		97,00	6. Row	45°
28,00		28,00	7. Row	
65,00		65,00		
95,00		95,00		
14,00		14,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 178,26 m
- 2. Row 179,22 m
- 3. Row 180,17 m
- 4. Row 181,13 m
- 5. Row 182,09 m
- 6. Row 183,04 m
- 7. Row 184,00 m

**BOX 33**      6,42 m      **EXCELLENT**

<b>Date:</b> 184,48 - to - 190,90			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 98,4	98,4	RQD 98,4	Degrees from horizontal	
96,00		96,00	1. Row	38°
55,00		55,00	2. Row	26°
37,00		37,00	3. Row	30°
94,00		94,00	4. Row	64°
91,00		91,00	5. Row	47°
80,00		80,00	6. Row	22°
12,00		12,00	7. Row	48°
75,00		75,00		
92,00		92,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 184,94 m
- 2. Row 185,86 m
- 3. Row 186,77 m
- 4. Row 187,69 m
- 5. Row 188,61 m
- 6. Row 189,52 m
- 7. Row 190,44 m

**BOX 34**      6,64 m      EXCELLENT

<b>Date:</b> 190,90 - to - 197,54			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
98,9	98,9	97,7
77,00	77,00	1. Row 22°
17,00	17,00	2. Row
97,00	97,00	3. Row 72°
90,00	90,00	4. Row 35°
84,00	84,00	5. Row 16°
12,00	12,00	6. Row 38°
36,00	36,00	7. Row
8,00		
9,00	9,00	
13,00	13,00	
28,00	28,00	
91,00	91,00	
95,00	95,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 191,37 m
- 2. Row 192,32 m
- 3. Row 193,27 m
- 4. Row 194,22 m
- 5. Row 195,17 m
- 6. Row 196,12 m
- 7. Row 197,07 m

**BOX 35**      6,76 m      EXCELLENT

<b>Date:</b> 197,54 - to - 204,30			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
91,9	91,9	91,9
37,00	37,00	1. Row 48°
58,00	58,00	2. Row 12°
94,00	94,00	3. Row 45°
90,00	90,00	4. Row 70°
12,00	12,00	5. Row 30°
50,00	50,00	6. Row 48°
47,00	47,00	7. Row 68°
43,00	43,00	
12,00	12,00	
46,00	46,00	
92,00	92,00	
40,00	40,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 198,02 m
- 2. Row 198,99 m
- 3. Row 199,95 m
- 4. Row 200,92 m
- 5. Row 201,89 m
- 6. Row 202,85 m
- 7. Row 203,82 m

**BOX 36**      6,75 m      EXCELLENT

<b>Date:</b> 204,30 - to - 211,05			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	RQD 100,0	100,0	Degrees from horizontal	
96,00	96,00		1. Row	58°
94,00	94,00		2. Row	64°
67,00	67,00		3. Row	50°
30,00	30,00		4. Row	50°
99,00	99,00		5. Row	34°
97,00	97,00		6. Row	
74,00	74,00		7. Row	70°
21,00	21,00			
97,00	97,00			

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	204,78 m
2. Row	205,75 m
3. Row	206,71 m
4. Row	207,68 m
5. Row	208,64 m
6. Row	209,60 m
7. Row	210,57 m

**BOX 37**      6,67 m      EXCELLENT

<b>Date:</b> 211,05 - to - 217,72			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	RQD 100,0	99,3	Degrees from horizontal	
99,00	99,00		1. Row	
88,00	88,00		2. Row	26°
5,00			3. Row	34°
94,00	94,00		4. Row	50°
97,00	97,00		5. Row	50°
98,00	98,00		6. Row	60°
94,00	94,00		7. Row	54°
92,00	92,00			

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	211,53 m
2. Row	212,48 m
3. Row	213,43 m
4. Row	214,39 m
5. Row	215,34 m
6. Row	216,29 m
7. Row	217,24 m

**BOX 38**      6,76 m      **EXCELLENT**

<b>Date:</b> 217,72 - to - 224,48			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
97,9	97,9	97,9
97,00	97,00	1. Row 24°
10,00	10,00	2. Row 44°
84,00	84,00	3. Row 28°
94,00	94,00	4. Row 44°
95,00	95,00	5. Row 38°
23,00	23,00	6. Row 36°
68,00	68,00	7. Row 28°
97,00	97,00	
94,00	94,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	218,20 m
2. Row	219,17 m
3. Row	220,13 m
4. Row	221,10 m
5. Row	222,07 m
6. Row	223,03 m
7. Row	224,00 m

**BOX 39**      6,69 m      **EXCELLENT**

<b>Date:</b> 224,48 - to - 231,17			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,6	99,6	99,6
41,00	41,00	1. Row 15°
50,00	50,00	2. Row 26°
97,00	97,00	3. Row 26°
98,00	98,00	4. Row 30°
57,00	57,00	5. Row 55°
38,00	38,00	6. Row 32°
94,00	94,00	7. Row 21°
97,00	97,00	
68,00	68,00	
26,00	26,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	224,96 m
2. Row	225,91 m
3. Row	226,87 m
4. Row	227,83 m
5. Row	228,78 m
6. Row	229,74 m
7. Row	230,69 m

**BOX 40** 6,72 m **EXCELLENT**

<b>Date:</b> 231,17 - to - 237,89			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
100,0	100,0	
100,00	100,00	1. Row
99,00	99,00	2. Row 40°
76,00	76,00	3. Row 30°
15,00	15,00	4. Row 12°
100,00	100,00	5. Row
94,00	94,00	6. Row 45°
91,00	91,00	7. Row
97,00	97,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	231,65 m
2. Row	232,61 m
3. Row	233,57 m
4. Row	234,53 m
5. Row	235,49 m
6. Row	236,45 m
7. Row	237,41 m

**BOX 41** 6,19 m **EXCELLENT**

<b>Date:</b> 237,89 - to - 244,08			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
98,1	98,1	
96,00	96,00	1. Row
90,00	90,00	2. Row
91,00	91,00	3. Row 60°
99,00	99,00	4. Row
28,00	28,00	5. Row 40°
59,00	59,00	6. Row 68°
99,00	99,00	7. Row 15°
45,00	45,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	238,33 m
2. Row	239,22 m
3. Row	240,10 m
4. Row	240,99 m
5. Row	241,87 m
6. Row	242,75 m
7. Row	243,64 m

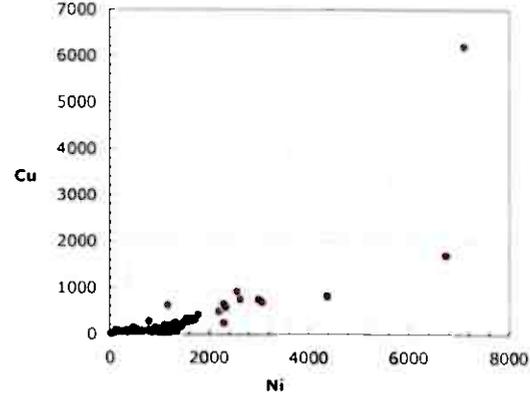
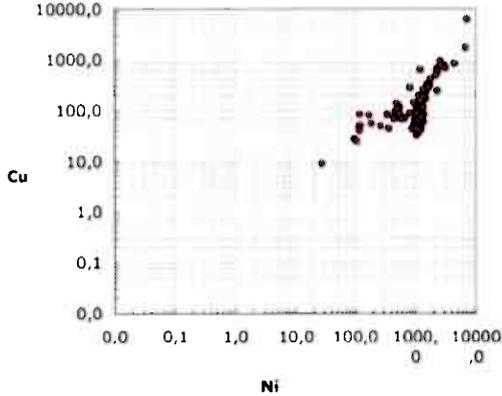


YEAR		2007		Info of Borehole		SH	
<b>Drill Date:</b>	26. Sep	<b>Ballangen DDH-07 SH-017</b>					
<b>HOLE ID:</b>	SH-017						
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen		
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core		
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter		
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.		
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>			
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338			<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>		
Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54							

**COMMENTS/PURPOSE**

Testing of core zone of significant EM anomaly identified from SkyTEM 2005 and 2006

SULPHIDES					Quartz	ALTERATION					Recovery	Dip angle	GEOCHEMISTRY					Mag. Susc. 10 <sup>-3</sup> SI
Po	Pn	Cp	Gph	X		Gr	Bio	Tre	Phl	Serp	pct.	degree	Ni	Cu	Fe	Au	Co	
													[ppm]	[ppm]	[pct]	[ppb]	[ppm]	



**DDH ORIENTATION / DIP-TEST**

Tool Measurements	No measurements		
- Azimute	n.a	n.a	n.a
- Dip	n.a	n.a	n.a
- Depth	n.a	n.a	n.a

**LITHOLOGY**

- A - ALT/DYKE/PEG - Alteration - dyke - pegmatite
- B - MGN - Gneiss
- C - NO - Norite
- D - ONO - Olivinenorite
- E - OPX - Olivinepyroxenite (Ol-websterite)
- F - CPX - Olivinepyroxenite (Ol-websterite)
- G - PRD - Peridotite
- H - PX - Pyroxenite (Websterite)
- I - M - Mineralisation
- eoh - End of Hole

**DESCRIPTIVE STATISTIC**

	Ni	Cu
- Mean	1222,90	190,96
- Median	1130,00	78,50
- Minimum	27,00	9,00
- Maximum	7100,00	6200,00
- Standard Deviation	875,82	535,56
- Numbers	150,00	150,00
- Kurtosis	23,91	108,19
- Skewness	4,12	9,81
- Variance	767057	286824
- Detection Limit	27,00	9,00

**SULPHIDES**

- 1 - Pyrrhotite **Po.**
- 2 - Pentlandite **Pn.**
- 3 - Chalcopyrite **Cp.**
- 4 - Graphite **Gph.**
- 5 - X **X.**

**ALTERATION**

- 6 - Garnet **Gr.**
- 7 - Biotite **Bio.**
- 8 - Tremolite **Tr.**
- 9 - Phlogopite **Phl.**
- 10 - Serpentine **Serp.**

**GEOCHEMISTRY**

- 11 - Nickel **Ni** [ppm]
- 12 - Copper **Cu** [ppm]
- 13 - Iron **Fe** [pct]
- 14 - Gold **Au** [ppb]
- 15 - Cobalt **Co** [ppm]

**MAGNETIC SUSCEPTIBILITY**

- 16 - Magnetic Susceptibility **Mag. Susc. 10<sup>-3</sup> SI** **MS**

**ROSE DIAGRAM**

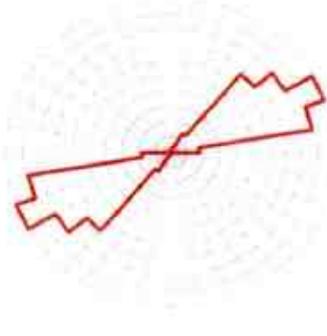
**2-DIMENSIONAL ORIENTATION ANALYSES**

**FRACTURES**

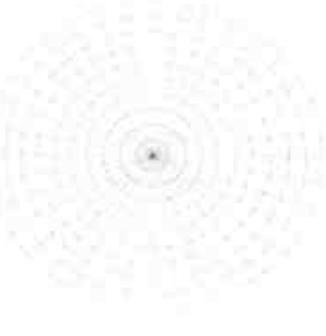
- Calculation Methode
- Class Interval
- Data Type
- Population
- Mean
- Standard Deviation
- Maximum Petal
- Standard Deviation Petal

**FOLIATION OR BEDDING**

- Calculation Methode
- Class Interval
- Data Type
- Population
- Mean
- Standard Deviation
- Maximum Petal
- Standard Deviation Petal



FRACTURES



FOLIATION OR BEDDING

<b>YEAR</b>	<b>2007</b>	<b>Log of Borehole</b>				<b>SH</b>
<b>Drill Date:</b>	26. Sep	<b>Ballangen DDH-07 SH-017</b>				
<b>HOLE ID:</b>	SH-017	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen	
<b>Project:</b>	Ballangen	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core	
<b>Northing:</b>	7583284	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b> 40,7 mm
<b>Easting:</b>	584078	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter	
<b>Datum:</b>	WGS84	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.	
<b>Bearing:</b>	180°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,4 meter	<input type="checkbox"/>
<b>Dip:</b>	-45°	<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

**Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54**

Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 USI
				Po	Pn	Cp	Gph	X		Grt	Bl	Tr	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
0		0-2,35m Soil Casing.																			
2		B 2,35-4,0m: GNI Tourmaline bearing msc-gneiss.	233966																	BOX 1	
4		D 4,0-7,0m: ONOI Semialtered mafic norite.	233967							60						801	278	7	100		
7		D 7,0-9,0m: ONOI Phenocryst textured Grt-bearing frgd - to aphanitic mafic cpx-rich? Norite dyke. Felsic tourmaline-bearing qtz vein x-cuts.	233968													265	49	7	50		
9		D 9,0-10,0m: ONOI Mafic norite dyke. Mdgrd opx-rich.	233969													95	27	4	37		
10		C 10,0-18,1m: NOI Cpx-rich preferred orientated mdgrd norite dyke. Clear magmatic foliation, Sharp intrusive contacts. Traces of frgd interstitial disseminated sulphides.																			
11			233970													117	83	5	46		
13			233971													115	47	5	47		
14																				BOX 3	
15			233972													181	54	5	48		
16																					
17																					

<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>	
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>			
<b>HOLE ID:</b>	SH-017		<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Project:</b>	Ballangen	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core	
<b>Northing:</b>	7583284	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b> 40,7 mm
<b>Eastng:</b>	584078	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter	
<b>Datum:</b>	WGS84	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.	
<b>Bearing:</b>	180°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>	
<b>Dip:</b>	-45°	<b>Contractor:</b> Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
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Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mud Susc. 10 %
				Po	Pn	Cp	Gph	X		Gt	Bio	Tre	Phi	Serp.			Ni (ppm)	Cu (ppm)	Fe (pct)	Au (ppb)	Co (ppm)	
18	B	18.1-18,6m: GN! Gneiss. No alteration. Few patches/ bands of fgdr disseminated sulphides! No graphite.	233973					tr									167	79	2		42	
19	C	18,6-19,6m: NO! Felsic mdgrd norite. Clear magmatic foliation. Graphite present as strong out lenses.	233974				1	tr														
20	C	19,6-19,8m: Mini-breccia. Semimassive sulphide dominated matrix supporting cpx-grains. Pronounced magmatic flow texture. Sharp boundaries.					1	tr														
21	G	21,2-25,1m: PRD! Dark blackishphanentic opx-rich mdgrd peridotite. Larger 1-1,5 cm opx-pokilobats. Homogeneous matrix texture. The upper 1 m is characterised by felsic schistose veins.	233975					50									490	135	6		64	
23			233976					tr									118	51	5		47	
25	I	25,1-25,4m: Mineralisation. Fgdr massive sulphide intersection. Leopard textured. Cox-grains float in suspension in sulphide matrix. Graphite present. Both upper and lower boundary indicate a vein type related mineralisation. Schistose texture. Minor net-textured disseminated sulphides occur in	233977					25									1260	196	9		152	
26	G	25,4-35,8m: PRD!	233978					70									4370	825	17		509	
27			233979					70									3000	743	14		337	
28			233980					2									2290	241	8		130	
29			233981					2									1170	111	8		106	
30			233982					1									2290	652	10		175	
31			233983					1									1480	227	9		117	
32			233984					1									2330	583	10		197	
33			233985					2									1710	311	9		145	
34			233986					2									2190	490	10		167	
35			233987					4									1650	328	9		138	
36			233988					2									1530	271	9		136	
37			233989					2									1550	321	9		137	

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbøgen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>		<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautökeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
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Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-1</sup> SI
				Po	Pt	Cp	Gph	X		Grt.	Bo.	Tr.	Ph.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	
34			233990														1720	303	10		174	
35			233991														1180	627	9		124	
36	I G	35,8-36,0m: Mineralisation! Leopard textured. Grades out downwards over 10-20 cm into unmineralised peridotite. Appear magmatic. 36,0-40,8m: PRDI	233992					80									7100	6200	23		734	
37			233993					5														
38			233994					2									1130	190	10		126	
39			233995					2									1630	279	9		142	
40			233996					2									3070	687	12		245	
41	I G	40,5-41,5m: Very cgrd cumulus texture. 40,8-41,0m: Mineralisation! Leopard textured. Grades out downwards over 10-20 cm into unmineralised peridotite. Appear magmatic. 41,0-70,8: PRDI	233997					2									1360	179	10		134	
42			233998					2									6740	1700	18		538	
43			233999					80									1590	268	9		145	
44			234000					1														
45		From approx 45 m of content increase.	234001					2									1660	282	9		148	
46			234002					1									2630	749	10		194	
47			234003					2									1790	410	9		145	
48			234004					1									1230	137	8		121	
49			234005					2														
50			234006					1									1130	49	9		124	

BOX 7

BOX 8

BOX 9

<b>YEAR</b>	<b>2007</b>	<b>Log of Borehole</b>			<b>SH</b>
<b>Drill Date:</b> 26. Sep		<b>Ballangen DDH-07 SH-017</b>			
<b>HOLE ID:</b>	SH-017	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Project:</b>	Ballangen	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core
<b>Northing:</b>	7583284	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40,7 <b>Diameter:</b> 40,7 mm
<b>Easting:</b>	584078	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Datum:</b>	WGS84	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Bearing:</b>	180°	<b>Survey date:</b>	-	<b>by:</b>	-
<b>Dip:</b>	-45°	<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338		
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem				Mag Susc. 10 / 51	
				Po	Pn	Cp	Gjh	X		Grt	Bi	Tr	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]		Au [ppb]
52			234055													1140	57	9		118	
53			234056													1110	41	9		119	BOX 10
55			234057													1190	64	9		121	
57			234058													1130	53	9		119	
59			234059													1350	60	10		137	BOX 11
61			234060													1170	66	9		120	
63			234061													1160	64	8		121	
65			234062													1200	64	8		120	BOX 12
67			234063													1140	49	8		122	

<b>YEAR</b>	2007		<b>Log of Borehole</b>				<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>				
<b>HOLE ID:</b>	SH-017						
<b>Project:</b>	Ballangen	<b>Location:</b>	Rainbogen	<b>Project manager:</b>	Soren Lund Jensen		
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core		
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter		
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.		
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	<b>Casing/overburden:</b>		2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						

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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Suscp. 10 USI			
				Po	Pn	Cp	Gph.	X.		Gt	Bo	Tr	Phl	Serp			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]				
69			234064																						
70																									
71	A	70,8-71,4m: NO! Noritic pegmatite.	234065																						BOX 13
71	G	71,4-108,6m: PRD!																							
72																									
73			234066																						
74																									
75			234067																						
76			234068																						
76			234069																						BOX 14
77																									
78			234070																						
79																									
80			234071																						
81																									
82			234072																						BOX 15
83																									
84			234073																						
84																									



<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Ranbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vagnsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vagnsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nörd AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

Depth	Lithology	SUBSURFACE Description	Sample no. ½	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Surc. 10 SI
				Pb	Pn	Cp	Gph	X		Gt	Bi	Tre	Phl	Serp			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]	
103			234082														1310	187	9		138	
104			234083														1260	147	9		143	
105																						BOX 19
106			234084														1160	120	9		135	
108																						
109		D 108,6-110,4m: OND! Fgrd cpx-rich mafic norite Aphatic. Sharp intrusive contacts.	234085														115	40	7		42	
110																						
111		G 110,4-111,0m: PRD!	234086														801	87	9		105	BOX 20
112		D 111,0-114,2m: OND! Fgrd cpx-rich mafic norite Aphatic. Sharp intrusive contacts.	234087														344	81	8		64	
113																						
114		G 114,2-131,9m: PRD!	234088														1060	73	9		111	
115																						
116			234089														1190	44	8		119	BOX 21
117																						
118			234090														1270	58	9		121	

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Ranbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core
<b>Eastng:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-5</sup> SI		
				Pb	Pn	Cp	Gph	Xc		Gr.	Bi.	Tr.	Ph.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	Co [ppm]			
120			234091																					
122			234092																					BOX 22
124			234093																					
126		126,4m: Shear zone.	234094										50 50 50				977	54	7				108	
128			234095																					BOX 23
130			234096														1150	74	8				116	
132	B	131,9-132,3m: GNF Bt-gneiss.	234097										10 50				103	25	1				17	
132	G	132,3-171,4m: PRDI	234098										50 10				1030	52	8				111	
134																								BOX 24
135			234099														1110	60	9				118	

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. ½	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Subc. 10 % ST			
				Po	Pn	Cp	Gph	X		Gr.	Bi.	Tr.	Ph.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]		Co [ppm]		
137			234100																					
138																								
139			234151																					
140																								BOX 25
141			234152																					
142																								
143			234153																					
144																								
145			234154																					
146																								BOX 26
147			234155																					
148																								
149			234156																					
150																								
151			234157																					BOX 27
152																								
153																								

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>		<b>by:</b>	
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
<b>Scandinavian Highlands A/S - Hørsholm Kongevej 11 - DK-2970 Hørsholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Suscp. 10 <sup>-1</sup> SI
				Po	Pn	Cp	Gph	X		Grt	Blc	Trc	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
154			234158													1030	56	8	110		
155			234159													960	51	8	108		
157			234160													1080	54	8	114		
158																				BOX 28	
159			234161													966	63	8	107		
161			234162													1020	55	8	118		
162			234163													1060	67	8	114		
163			234164													1020	49	8	114	BOX 29	
164			234165													1030	54	8	114		
166			234166													1050	49	8	119		
168			234167													1110	57	8	118		
169																				BOX 30	

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 <sup>-5</sup> SI
				Pb.	Pn.	Cp.	Gph.	X.		Gr.	Bi.	Tr.	Ph.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
170			234168													1030	65	8	116		
171	A	171,4-171,6m: NO1 Noritic pegmatite.																			
171	G	171,6-174,4m: PRD1																			
172			234169													1160	59	9	130		
173																					
174	A	174,4-174,6m: NO1 Noritic pegmatite.	234170													1110	57	8	117		
174	G	174,6-186,4m: PRD1																			
175																					
176			234171													1265	55	9	132		
177																					
178			234172													1190	63	9	118		
179																					
180			234173													1230	52	9	122		
181																					
182			234174													1230	43	9	125		
183																					
184			234175													1115	55	9	120		
185																					
186			234176													663	70	6	77		
186	A	186,4-187,3m: NO1 Noritic pegmatite.																			
187																					

BOX 31

BOX 32

BOX 33

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>		<b>Casing/overburden:</b>	2,4 meter
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
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Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Neg Subc. 10 / ST
				Pb	Pn	Cp	Gph	X		Grt	Bio.	Tre.	Phl.			Serp.	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
187	G	187,3-187,6m: PRDf																			
	A	187,6-187,9m: NOf Noritic pegmatite.																			
188	G	187,9-188,5m: PRDf	234177													1125	85	8	112		
	A	188,5-189,0m: NOf Noritic pegmatite.																			
189	G	189,0-190,0m: PRDf																			
190	A	190,0-190,3m: NOf Noritic pegmatite.	234178													1195	61	9	123		
	G	190,3-191,0m: PRDf																			
191	A	191,0-191,2m: NOf Noritic pegmatite.																			
	G	191,2-197,1m: PRDf																			
192			234179													1295	65	9	131	BOX 34	
193																					
194			234180									50				1260	121	8	117		
												50									
												50									
												50									
												50									
												30									
196			234181													1180	97	9	128		
197	A	197,1-197,2m: NOf Noritic pegmatite.																			
	G	197,2-197,4m: PRDf																			
	A	197,4-197,5m: NOf Noritic pegmatite.																			
	G	197,5-203,0m: PRDf																			
198			234182																	BOX 35	
199																					
200			234183													1385	173	10	142		
201																					
202			234184													1025	76	9	123		
203	A	203,0-203,3m: NOf Noritic pegmatite.																			
	G	203,3-210,8m: PRDf																		BOX 36	
204																					

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Ranbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>		<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
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Depth	Lithology	SUBSURFACE Description	Sample no.	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem				Mag Susc. 10 <sup>-5</sup> SI
				Pb	Pn	Cp	Gph	Xc		Gr	Bl	Tr	Ph			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	
205			234185													1040	93	9	125	
206			234186													1085	90	9	125	
208			234187													1170	107	9	141	
210			234188													1325	181	10	133	
211	A	210,8-211,0m: NO! Noritic pegmatite.																		
211	G	211,0-218,0m: PRD! Opx-rich peridotite. F-mgdgrd homogne matrix texture. Cumulate texture. The transition from the superjacent ol-rich peridotite is graded, when ol decrease and opx increase.																		
212			234189													1225	124	10	139	
214			234190													1190	153	10	132	
216			234191													1040	87	9	116	
218	D	218,0-220,0m: ONO! Very fgrd aphanitic mafic norite with cpx spots and rounded peridotite fragments. 5 cm angular. Cutting a semialtered section. Less developed then superjacent peridotite hosted breccias. No sulphides. Flow texture																		
220	G	220,-221,5m: PRD!	234193													578	68	8	78	

BOX 37

BOX 38

<b>YEAR</b>	2007		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40,7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>		<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				

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Depth	Lithology	SUBSURFACE Description	Sample no. ½	Sulphides					Quartz	Alteration					Recovery pct.	Dip angle degree	Geochem				Mag Suscc. 10 %SI	
				Pb.	Pn.	Cp.	Oph.	X.		Gr.	Bi.	Tr.	Phl.	Serp.			Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]		Co [ppm]
221,5-223,0m	D	ONO! Fgrd aphanitic cpx-rich	234194												50 40		870	43	7		91	BOX 39 0,22
223,0-224,0m	G	PRD!	234195												20 20 40 50		1360	82	9		134	0,20 0,08
224,0-224,9m	B	GNI Gneiss																				0,18
224,9-251,9m	G	PRD! Ol-rich peridotite. No sulphides. F-mggrd homogeneously cumulate texture. The peridotite unit grades back and forth between a ol-rich (close to dunite composition in smaller intervals) and a more "common" opx-ol peridotite. The texture does not change with compositional changes, the intervals are usually of 1 - 3m. Pl-bearing peridotite from 255,5-257,0m. Minor net-textured disseminated sulphides, appear to be orientated as mm long strings, interstitial to	234196														1340	113	9		123	0,16 0,14
			234197																			BOX 40
			234198														1115	36	9		123	
			234199														1145	39	10		120	
			234200														1260	74	9		124	BOX 41
			343002														1245	72	10		129	









<b>YEAR</b>	<b>2007</b>		<b>Log of Borehole</b>		<b>SH</b>
<b>Drill Date:</b>	26. Sep		<b>Ballangen DDH-07 SH-017</b>		
<b>HOLE ID:</b>	SH-017				
<b>Project:</b>	Ballangen	<b>Location:</b>	Rainbogen	<b>Project manager:</b>	Soren Lund Jensen
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter (asl)	<b>Drill method:</b>	Core
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7 <b>Diameter:</b> 40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.
<b>Dip:</b>	-45°	<b>Survey date:</b>		<b>Casing/overburden:</b>	2,4 meter <input type="checkbox"/>
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338				
<b>Scandinavian Highlands A/S - Hørholm Kongevej 11 - DK-2970 Hørholm - Denmark - Tlf: +45 45 86 66 53 - Fax: +45 45 86 66 54</b>					

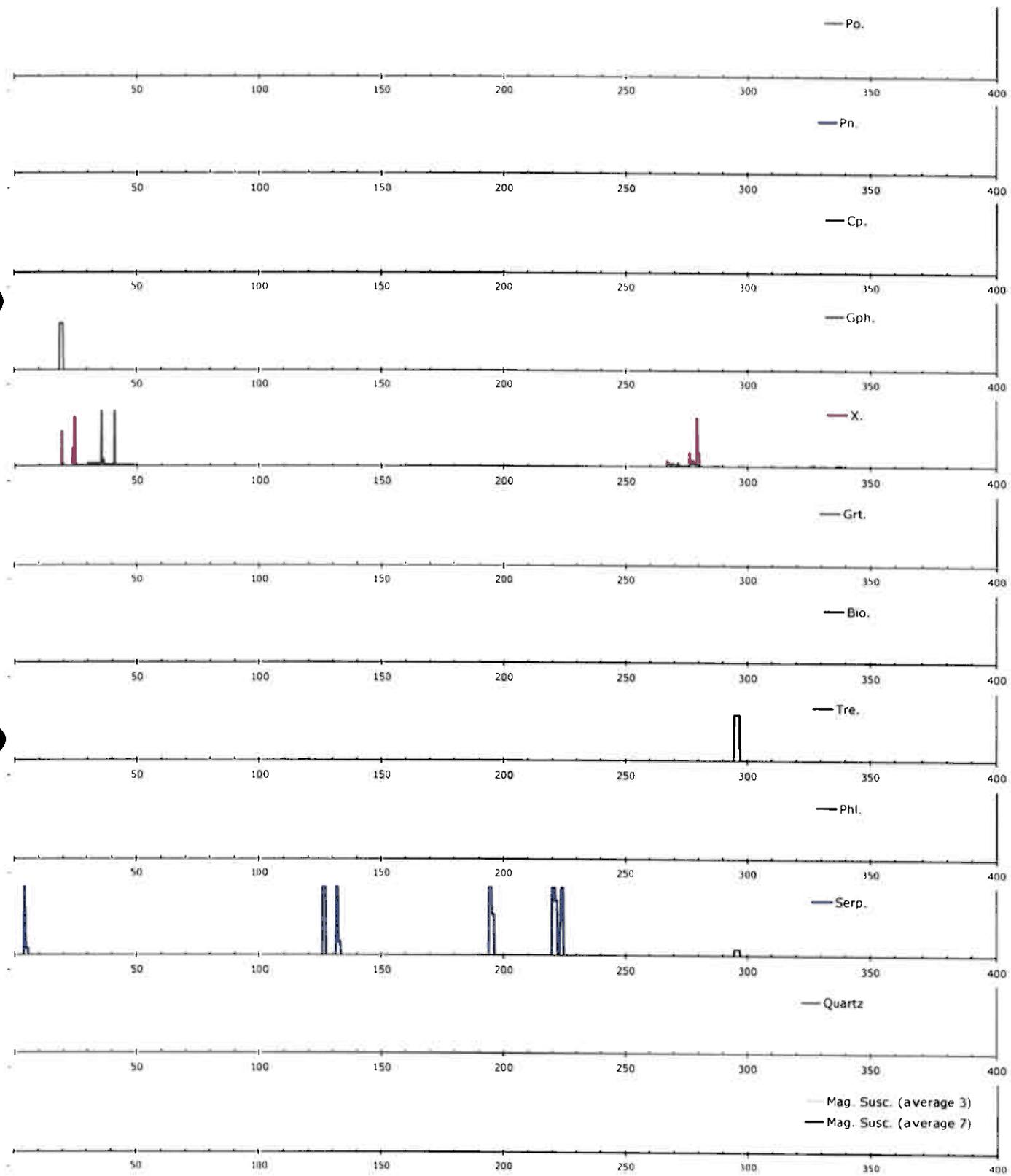
Depth	Lithology	SUBSURFACE Description	Sample no. 1/2	Sulphides					Quartz	Alteration				Recovery pct.	Dip angle degree	Geochem					Mag Susc. 10 USI
				Po	Pn	Co	Gph	X		Gt	Bi	Tr	Phl			Serp	Ni [ppm]	Cu [ppm]	Fe [pct]	Au [ppb]	
306,0-307,6m		A 306,0-307,6m: Hybrid rock. Pl-bt rock semialtered PX? Vgrd disseminated sulphides throughout the unit. Sharp intrusive contacts.																			
307,6-310,9m		D 307,6-310,9m: ONOI Mafic norite dyke. Mdgrd cpx-rich norite. Pronounced preferred orientated matrix. Dissemantated sulphides in trace amounts.																			
310,9-314,3m		A 310,9-314,3m: Hybrid rock. Pl-bt rock semialtered PX? Vgrd disseminated sulphides throughout the unit. Sharp intrusive contacts.																			
314,3-314,5m		D 314,3-314,5m: ONOI																			
314,5-315,7m		F 314,5-315,7m: CPXII Mdgrd applegreen. Preferred orientated cpx matrix. Sharp boundaries.																			
315,7-325,5m		C 315,7-325,5m: NOI Mixed felsic and mafic norite dyke unit. Several smaller felsic- to px-rich norite dykes. All show pronounced magmatic foliation. Traces of disseminated sulphides.																			
325,5-328,0m																					
328,0-329,0m																					
329,0-330,0m																					
330,0-331,0m																					
331,0-332,0m																					
332,0-333,0m																					
333,0-334,0m																					
334,0-335,0m																					
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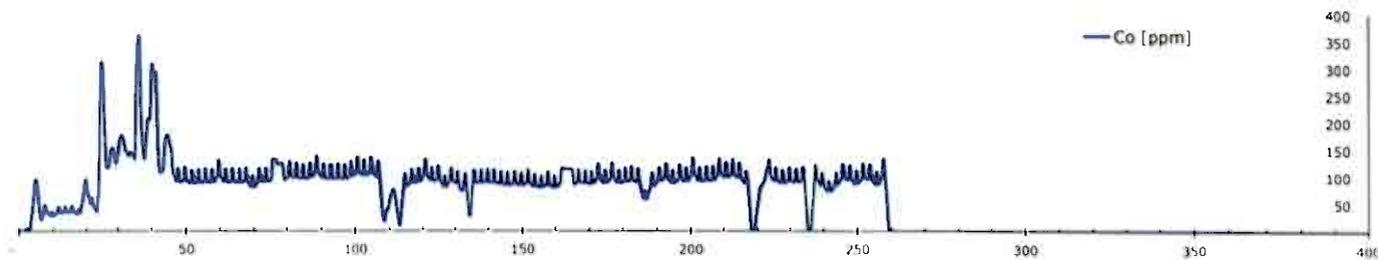
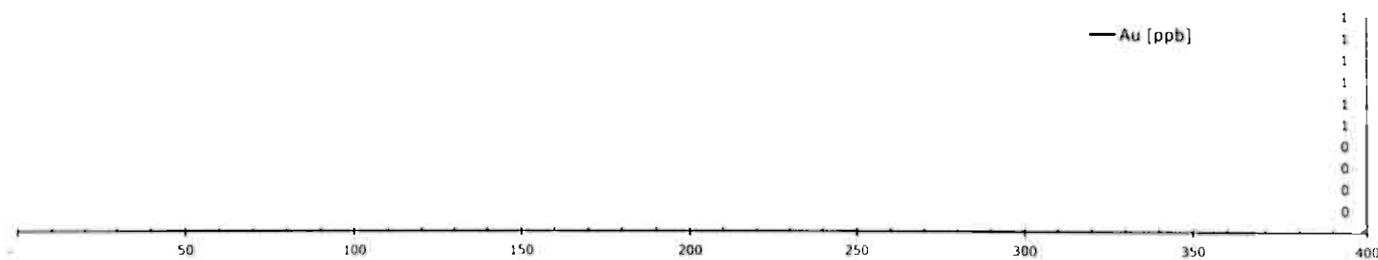
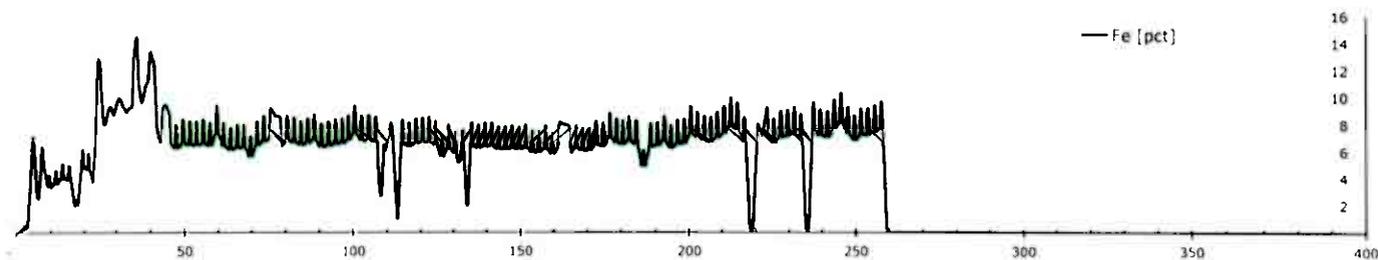
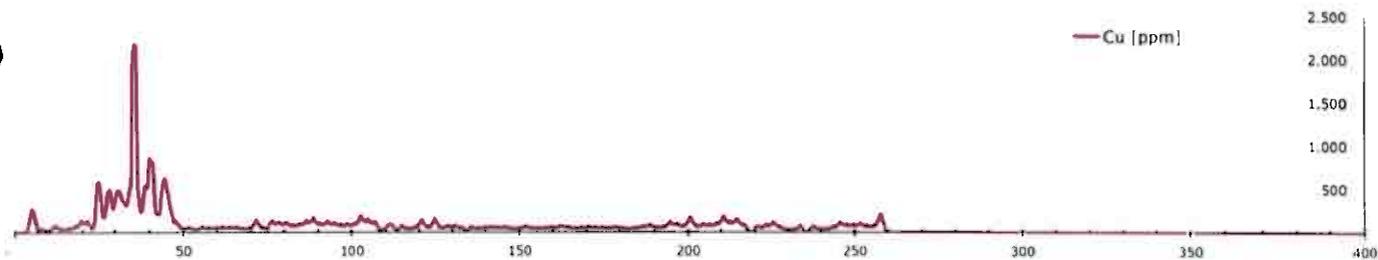
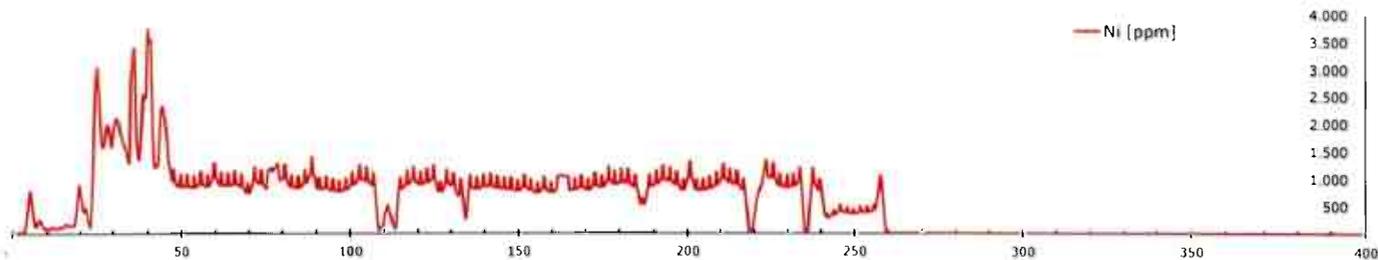




YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b>	26 September	<b>Ballangen DDH-07 SH-017</b>					
<b>HOLE ID:</b>	SH-017						
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen		
<b>Northing:</b>	7583784	<b>Elevation:</b>	480 meter [as!]	<b>Drill method:</b>	Core		
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter		
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.		
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-	<b>Casing/overburden:</b>	2,4 meter
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
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YEAR		2007		Log of Borehole		SH	
<b>Drill Date:</b>	26 September			<b>Ballangen DDH-07 SH-017</b>			
<b>HOLE ID:</b>	SH-017						
<b>Project:</b>	Ballangen	<b>Location:</b>	Rånbogen	<b>Project manager:</b>	Søren Lund Jensen		
<b>Northing:</b>	7583284	<b>Elevation:</b>	480 meter [asl]	<b>Drill method:</b>	Core		
<b>Easting:</b>	584078	<b>Geologist:</b>	Mikkel Vognsen	<b>Core:</b>	BQ TK60/40.7	<b>Diameter:</b>	40,7 mm
<b>Datum:</b>	WGS84	<b>Logged by:</b>	Mikkel Vognsen	<b>Length:</b>	371,20 meter		
<b>Bearing:</b>	180°	<b>Logged date:</b>	15. april 2008	<b>Average REC/RQD:</b>	98,2 pct. / 96,8 pct.		
<b>Dip:</b>	-45°	<b>Survey date:</b>	-	<b>by:</b>	-	<b>Casing/overburden:</b>	2,4 meter
<b>Contractor:</b>	Diamantboring Nord AS, P.O.Box 186, N-9521 Kautokeino, Norway, Tel +46 7848 6441, Fax +46 7848 6447, Cellular +4648 05 8338						
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**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 371 meter  
**Casing/Overburden** 2,4 meter

**BOX 1** 5,69 m **GOOD**

**Date:** 2,35 - to - 8,04  
**DIP ANGLE**  
**RECOVERY**  
**Total** **Solid** **Modified**  
 [cm] [cm] [cm]

REC		RQD	Degrees from horizontal
94,2	92,6	85,4	
9,00		9,00	1. Row
7,00			2. Row 77°
6,00			3. Row 56°
11,00		11,00	4. Row 70°
5,00	ni		5. Row 72°
6,00			6. Row 73°
5,00			7. Row
21,00		21,00	
6,00			
3,00			
4,00			
28,00		28,00	
10,00		10,00	
17,00		17,00	1. Row
28,00		28,00	2. Row
15,00		15,00	3. Row
79,00		79,00	4. Row
35,00		35,00	5. Row
4,00	ni		6. Row
4,00			7. Row
16,00		16,00	
30,00		30,00	
94,00		94,00	
93,00		93,00	

**Magnetic Susceptibility**

1. Row  
2. Row  
3. Row  
4. Row  
5. Row  
6. Row  
7. Row

**Measurement at**

1. Row 2,76 m  
2. Row 3,57 m  
3. Row 4,38 m  
4. Row 5,20 m  
5. Row 6,01 m  
6. Row 6,82 m  
7. Row 7,63 m

**BOX 2**      5,61 m      EXCELLENT

<b>Date:</b> 8,04 - to - 13,65			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	RQD 100,0	Degrees from horizontal
51,00	51,00	1. Row 53°
41,00	41,00	2. Row 60°
93,00	93,00	3. Row 71°
97,00	97,00	4. Row 48°
77,00	77,00	5. Row 60°
18,00	18,00	6. Row 45°
93,00	93,00	7. Row
91,00	91,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	8,44 m
2. Row	9,24 m
3. Row	10,04 m
4. Row	10,85 m
5. Row	11,65 m
6. Row	12,45 m
7. Row	13,25 m

**BOX 3**      5,52 m      EXCELLENT

<b>Date:</b> 13,65 - to - 19,17			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	RQD 100,0	Degrees from horizontal
95,00	95,00	1. Row 81°
9,00	9,00	2. Row 17°
19,00	19,00	3. Row
56,00	56,00	4. Row 78°
96,00	96,00	5. Row 68°
16,00	16,00	6. Row 46°
78,00	78,00	7. Row
57,00	57,00	
34,00	34,00	
92,00	92,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	14,04 m
2. Row	14,83 m
3. Row	15,62 m
4. Row	16,41 m
5. Row	17,20 m
6. Row	17,99 m
7. Row	18,78 m

**BOX 4**      5,71 m      EXCELLENT

<b>Date:</b> 19,17 - to - 24,88			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	100,0	100,0	RQD	98,6	Degrees from horizontal	
	87,00		87,00		1. Row	45°
	8,00				2. Row	56°
	97,00		97,00		3. Row	56°
	11,00		11,00		4. Row	70°
	86,00		86,00		5. Row	
	95,00		95,00		6. Row	50°
	90,00		90,00		7. Row	
	97,00		97,00			

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      19,58 m
- 2. Row      20,39 m
- 3. Row      21,21 m
- 4. Row      22,03 m
- 5. Row      22,84 m
- 6. Row      23,66 m
- 7. Row      24,47 m

**BOX 5**      5,76 m      EXCELLENT

<b>Date:</b> 24,88 - to - 30,64			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,8	98,8	RQD	98,8	Degrees from horizontal	
	97,00		97,00		1. Row	40°
	91,00		91,00		2. Row	45°
	95,00		95,00		3. Row	58°
	82,00		82,00		4. Row	27°
	11,00		11,00		5. Row	60°
	99,00		99,00		6. Row	70°
	94,00		94,00		7. Row	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      25,29 m
- 2. Row      26,11 m
- 3. Row      26,94 m
- 4. Row      27,76 m
- 5. Row      28,58 m
- 6. Row      29,41 m
- 7. Row      30,23 m

**BOX 6**      5,73 m      EXCELLENT

<b>Date:</b> 30,64 - to - 36,37			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	100,0	RQD 100,0	Degrees from horizontal
94,00		94,00	1. Row
99,00		99,00	2. Row
37,00		37,00	3. Row 43°
57,00		57,00	4. Row 58°
96,00		96,00	5. Row 52°
96,00		96,00	6. Row 72°
73,00		73,00	7. Row
21,00		21,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 31,05 m
- 2. Row 31,87 m
- 3. Row 32,69 m
- 4. Row 33,51 m
- 5. Row 34,32 m
- 6. Row 35,14 m
- 7. Row 35,96 m

**BOX 7**      5,68 m      EXCELLENT

<b>Date:</b> 36,37 - to - 42,05			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	100,0	RQD 100,0	Degrees from horizontal
97,00		97,00	1. Row 65°
94,00		94,00	2. Row 20°
77,00		77,00	3. Row 81°
19,00		19,00	4. Row 80°
98,00		98,00	5. Row 75°
95,00		95,00	6. Row
88,00		88,00	7. Row

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 36,78 m
- 2. Row 37,59 m
- 3. Row 38,40 m
- 4. Row 39,21 m
- 5. Row 40,02 m
- 6. Row 40,83 m
- 7. Row 41,64 m

**BOX 8** 5,65 m **EXCELLENT**

<b>Date:</b> 42,05 - to - 47,70			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD		Degrees from horizontal	
100,0	100,0	100,0		
94,00		94,00	1. Row	73°
93,00		93,00	2. Row	
94,00		94,00	3. Row	
15,00		15,00	4. Row	
77,00		77,00	5. Row	
95,00		95,00	6. Row	
97,00		97,00	7. Row	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	42,45 m
2. Row	43,26 m
3. Row	44,07 m
4. Row	44,88 m
5. Row	45,68 m
6. Row	46,49 m
7. Row	47,30 m

**BOX 9** 5,70 m **EXCELLENT**

<b>Date:</b> 47,70 - to - 53,40			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD		Degrees from horizontal	
99,6	99,6	99,6		
26,00		26,00	1. Row	45°
67,00		67,00	2. Row	
99,00		99,00	3. Row	
96,00		96,00	4. Row	80°
44,00		44,00	5. Row	82°
47,00		47,00	6. Row	77°
96,00		96,00	7. Row	
93,00		93,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	48,11 m
2. Row	48,92 m
3. Row	49,74 m
4. Row	50,55 m
5. Row	51,36 m
6. Row	52,18 m
7. Row	52,99 m

**BOX 10** 5,54 m **EXCELLENT**

<b>Date:</b> 53,40 - to - 58,94			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	100,0	100,0	RQD	98,6	Degrees from horizontal
	59,00		59,00		1. Row 67°
	32,00		32,00		2. Row 68°
	91,00		91,00		3. Row 70°
	94,00		94,00		4. Row
	82,00		82,00		5. Row 78°
	14,00		14,00		6. Row 45°
	96,00		96,00		7. Row
	8,00				
	78,00		78,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 53,80 m
- 2. Row 54,59 m
- 3. Row 55,38 m
- 4. Row 56,17 m
- 5. Row 56,96 m
- 6. Row 57,75 m
- 7. Row 58,54 m

**BOX 11** 5,77 m **EXCELLENT**

<b>Date:</b> 58,94 - to - 64,71			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	99,1	99,1	RQD	99,1	Degrees from horizontal
	99,00		99,00		1. Row 76°
	99,00		99,00		2. Row 43°
	27,00		27,00		3. Row 45°
	66,00		66,00		4. Row 41°
	93,00		93,00		5. Row
	96,00		96,00		6. Row
	52,00		52,00		7. Row
	40,00		40,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 59,35 m
- 2. Row 60,18 m
- 3. Row 61,00 m
- 4. Row 61,83 m
- 5. Row 62,65 m
- 6. Row 63,47 m
- 7. Row 64,30 m

**BOX 12** 5,74 m **EXCELLENT**

<b>Date:</b> 64,71 - to - 70,45			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	100,0	100,0	RQD	99,3	Degrees from horizontal	
98,00			98,00		1. Row	
95,00			95,00		2. Row	70°
79,00			79,00		3. Row	
16,00			16,00		4. Row	
99,00			99,00		5. Row	53°
94,00			94,00		6. Row	
89,00			89,00		7. Row	
4,00						

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row 65,12 m
2. Row 65,94 m
3. Row 66,76 m
4. Row 67,58 m
5. Row 68,40 m
6. Row 69,22 m
7. Row 70,04 m

**BOX 13** 5,85 m **EXCELLENT**

<b>Date:</b> 70,45 - to - 76,30			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	97,9	97,9	RQD	95,7	Degrees from horizontal	
54,00			54,00		1. Row	76°
6,00					2. Row	64°
7,00					3. Row	
29,00			29,00		4. Row	69°
96,00			96,00		5. Row	70°
95,00			95,00		6. Row	45°
96,00			96,00		7. Row	
98,00			98,00			
92,00			92,00			

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row 70,87 m
2. Row 71,70 m
3. Row 72,54 m
4. Row 73,38 m
5. Row 74,21 m
6. Row 75,05 m
7. Row 75,88 m

**BOX 14** 5,79 m **EXCELLENT**

<b>Date:</b> 76,30 - to - 82,09			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,8	RQD	99,8	Degrees from horizontal
11,00		11,00		1. Row 40°
85,00		85,00		2. Row 58°
96,00		96,00		3. Row 64°
95,00		95,00		4. Row 58°
24,00		24,00		5. Row 56°
70,00		70,00		6. Row 40°
99,00		99,00		7. Row
98,00		98,00		

**Magnetic Susceptibility**

---

- Row

**Measurement at**

---

- Row 76,71 m
- Row 77,54 m
- Row 78,37 m
- Row 79,20 m
- Row 80,02 m
- Row 80,85 m
- Row 81,68 m

**BOX 15** 5,74 m **EXCELLENT**

<b>Date:</b> 82,09 - to - 87,83			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,1	RQD	99,1	Degrees from horizontal
37,00		37,00		1. Row 50°
59,00		59,00		2. Row 45°
99,00		99,00		3. Row 50°
95,00		95,00		4. Row
44,00		44,00		5. Row
51,00		51,00		6. Row 75°
92,00		92,00		7. Row
92,00		92,00		

**Magnetic Susceptibility**

---

- Row

**Measurement at**

---

- Row 82,50 m
- Row 83,32 m
- Row 84,14 m
- Row 84,96 m
- Row 85,78 m
- Row 86,60 m
- Row 87,42 m

<b>Drill methode:</b>	Core
<b>Core:</b>	BQ TK60/40.7
<b>Diameter:</b>	40,7 mm
<b>Length:</b>	371 meter
<b>Casing/Overburden</b>	2,4 meter

<b>BOX 16</b>	5,79 m	<b>EXCELLENT</b>
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<b>Date:</b>	87,83 - to - 93,62	<b>DIP ANGLE</b>
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<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
98,4	98,4	98,4
53,00	53,00	1. Row 50°
42,00	42,00	2. Row 45°
93,00	93,00	3. Row 50°
99,00	99,00	4. Row
65,00	65,00	5. Row
30,00	30,00	6. Row 75°
96,00	96,00	7. Row
92,00	92,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

- |        |         |
|--------|---------|
| 1. Row | 88,24 m |
| 2. Row | 89,07 m |
| 3. Row | 89,90 m |
| 4. Row | 90,73 m |
| 5. Row | 91,55 m |
| 6. Row | 92,38 m |
| 7. Row | 93,21 m |

**BOX 17**      5,81 m      EXCELLENT

<b>Date:</b> 93,62 - to - 99,43			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,5	RQD	Degrees from horizontal
99,8		99,5	
77,00		77,00	1. Row
20,00		20,00	2. Row
2,00	ni		3. Row 74°
96,00		96,00	4. Row
96,00		96,00	5. Row
84,00		84,00	6. Row 62°
11,00		11,00	7. Row
98,00		98,00	
96,00		96,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	94,04 m
2. Row	94,87 m
3. Row	95,70 m
4. Row	96,53 m
5. Row	97,36 m
6. Row	98,19 m
7. Row	99,02 m

**BOX 18**      5,65 m      EXCELLENT

<b>Date:</b> 99,43 - to - 105,08			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	99,1	RQD	Degrees from horizontal
99,1		98,2	
93,00		93,00	1. Row 74°
91,00		91,00	2. Row 70°
98,00		98,00	3. Row
98,00		98,00	4. Row 46°
5,00			5. Row 54°
81,00		81,00	6. Row
94,00		94,00	7. Row

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	99,83 m
2. Row	100,64 m
3. Row	101,45 m
4. Row	102,26 m
5. Row	103,06 m
6. Row	103,87 m
7. Row	104,68 m

**BOX 19**      5,70 m      **EXCELLENT**

<b>Date:</b> 105,08 - to - 110,78			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	QD	Degrees from horizontal
100,0	100,0	98,6
13,00	13,00	1. Row 75°
82,00	82,00	2. Row
16,00	16,00	3. Row 55°
80,00	80,00	4. Row 45°
88,00	88,00	5. Row 60°
8,00		6. Row 60°
96,00	96,00	7. Row
96,00	96,00	
91,00	91,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	105,49 m
2. Row	106,30 m
3. Row	107,12 m
4. Row	107,93 m
5. Row	108,74 m
6. Row	109,56 m
7. Row	110,37 m

**BOX 20**      5,70 m      **EXCELLENT**

<b>Date:</b> 110,78 - to - 116,48			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	QD	Degrees from horizontal
100,0	100,0	99,1
5,00		1. Row 60°
90,00	90,00	2. Row 45°
97,00	97,00	3. Row 50°
97,00	97,00	4. Row
12,00	12,00	5. Row 55°
82,00	82,00	6. Row 65°
96,00	96,00	7. Row
91,00	91,00	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	111,19 m
2. Row	112,00 m
3. Row	112,82 m
4. Row	113,63 m
5. Row	114,44 m
6. Row	115,26 m
7. Row	116,07 m

**BOX 21** 5,65 m **EXCELLENT**

<b>Date:</b> 116,48 - to - 122,13			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	100,0	RQD 100,0	Degrees from horizontal
33,00		33,00	1. Row
63,00		63,00	2. Row
94,00		94,00	3. Row 55°
98,00		98,00	4. Row 50°
47,00		47,00	5. Row
46,00		46,00	6. Row
97,00		97,00	7. Row
20,00		20,00	
67,00		67,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	116,88 m
2. Row	117,69 m
3. Row	118,50 m
4. Row	119,31 m
5. Row	120,11 m
6. Row	120,92 m
7. Row	121,73 m

**BOX 22** 5,87 m **EXCELLENT**

<b>Date:</b> 122,13 - to - 128,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	100,0	RQD 99,7	Degrees from horizontal
64,00		64,00	1. Row
30,00		30,00	2. Row
96,00		96,00	3. Row
99,00		99,00	4. Row
93,00		93,00	5. Row 45°
20,00		20,00	6. Row
2,00			7. Row
97,00		97,00	
86,00		86,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	122,55 m
2. Row	123,39 m
3. Row	124,23 m
4. Row	125,07 m
5. Row	125,90 m
6. Row	126,74 m
7. Row	127,58 m

**BOX 23** 5,78 m **EXCELLENT**

<b>Date:</b> 128,00 - to - 133,78			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD		Degrees from horizontal	
100,0	100,0	100,0		
93,00		93,00	1. Row	
98,00		98,00	2. Row	
99,00		99,00	3. Row	
98,00		98,00	4. Row	50°
94,00		94,00	5. Row	50°
96,00		96,00	6. Row	
			7. Row	

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	128,41 m
2. Row	129,24 m
3. Row	130,06 m
4. Row	130,89 m
5. Row	131,72 m
6. Row	132,54 m
7. Row	133,37 m

**BOX 24** 5,91 m **GOOD**

<b>Date:</b> 133,78 - to - 139,69			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD		Degrees from horizontal	
96,4	96,4	82,6		
97,00		97,00	1. Row	
17,00		17,00	2. Row	
4,00			3. Row	
27,00		27,00	4. Row	60°
6,00			5. Row	
2,00			6. Row	50°
3,00			7. Row	
4,00				
6,00				
8,00				
7,00				
7,00				
3,00				
6,00				
7,00				
2,00				
7,00				
6,00				
11,00		11,00		
9,00		9,00		
4,00				
10,00		10,00		
25,00		25,00		
50,00		50,00		
45,00		45,00		
98,00		98,00		
99,00		99,00		

**Magnetic Susceptibility**

1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

**Measurement at**

1. Row	134,20 m
2. Row	135,05 m
3. Row	135,89 m
4. Row	136,74 m
5. Row	137,58 m
6. Row	138,42 m
7. Row	139,27 m

**BOX 25** 5,72 m **EXCELLENT**

<b>Date:</b> 139,69 - to - 145,41			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	100,0	RQD 97,2	Degrees from horizontal	
73,00		73,00	1. Row	60°
10,00		10,00	2. Row	
4,00			3. Row	65°
3,00			4. Row	70°
4,00			5. Row	50°
94,00		94,00	6. Row	
96,00		96,00	7. Row	
100,00		100,00		
94,00		94,00		
5,00				
89,00		89,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	140,10 m
2. Row	140,92 m
3. Row	141,73 m
4. Row	142,55 m
5. Row	143,37 m
6. Row	144,18 m
7. Row	145,00 m

**BOX 26** 5,66 m **EXCELLENT**

<b>Date:</b> 145,41 - to - 151,07			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 100,0	100,0	RQD 100,0	Degrees from horizontal	
96,00		96,00	1. Row	
56,00		56,00	2. Row	65°
36,00		36,00	3. Row	60°
96,00		96,00	4. Row	
97,00		97,00	5. Row	60°
73,00		73,00	6. Row	
20,00		20,00	7. Row	
92,00		92,00		
0,00				

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	145,81 m
2. Row	146,62 m
3. Row	147,43 m
4. Row	148,24 m
5. Row	149,05 m
6. Row	149,86 m
7. Row	150,67 m

**BOX 27** 6,62 m **GOOD**

Date: 151,07 - to - 157,69  
**DIP ANGLE**  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]

REC	Solid	Modified	Degrees from horizontal	
85,8	85,8	85,5	1. Row	70°
95,00		95,00	2. Row	
25,00		25,00	3. Row	
68,00		68,00	4. Row	55°
2,00			5. Row	50°
95,00		95,00	6. Row	
96,00		96,00	7. Row	75°
44,00		44,00		
48,00		48,00		
95,00		95,00		

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 151,54 m  
 2. Row 152,49 m  
 3. Row 153,43 m  
 4. Row 154,38 m  
 5. Row 155,33 m  
 6. Row 156,27 m  
 7. Row 157,22 m

**BOX 28** 5,66 m **EXCELLENT**

Date: 157,69 - to - 163,35  
**DIP ANGLE**  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]

REC	Solid	Modified	Degrees from horizontal	
99,8	99,8	96,8	1. Row	50°
90,00		90,00	2. Row	60°
95,00		95,00	3. Row	70°
98,00		98,00	4. Row	
88,00		88,00	5. Row	45°
6,00			6. Row	50°
3,00			7. Row	
8,00				
85,00		85,00		
92,00		92,00		

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 158,09 m  
 2. Row 158,90 m  
 3. Row 159,71 m  
 4. Row 160,52 m  
 5. Row 161,33 m  
 6. Row 162,14 m  
 7. Row 162,95 m

**BOX 29** 5,78 m **EXCELLENT**

Date: 163,35 - to - 169,13  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]

**DIP ANGLE**  
 Fractures  
 Foliation or bedding

REC	91,0	RQD	91,0	Degrees from horizontal
94,00		94,00		1. Row
98,00		98,00		2. Row
97,00		97,00		3. Row
43,00		43,00		4. Row 45°
18,00		18,00		5. Row 35°
5,00	ni			6. Row 35°
58,00		58,00		7. Row
26,00		26,00		
92,00		92,00		

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 163,76 m  
 2. Row 164,59 m  
 3. Row 165,41 m  
 4. Row 166,24 m  
 5. Row 167,07 m  
 6. Row 167,89 m  
 7. Row 168,72 m

**BOX 30** 5,97 m **EXCELLENT**

Date: 169,13 - to - 175,10  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]

**DIP ANGLE**  
 Fractures  
 Foliation or bedding

REC	97,2	RQD	96,3	Degrees from horizontal
66,00		66,00		1. Row 65°
15,00		15,00		2. Row
16,00		16,00		3. Row 65°
35,00		35,00		4. Row 60°
59,00		59,00		5. Row
15,00		15,00		6. Row
82,00		82,00		7. Row
5,00				
94,00		94,00		
38,00		38,00		
57,00		57,00		
28,00		28,00		
70,00		70,00		

**Magnetic Susceptibility**  
 1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**  
 1. Row 169,56 m  
 2. Row 170,41 m  
 3. Row 171,26 m  
 4. Row 172,12 m  
 5. Row 172,97 m  
 6. Row 173,82 m  
 7. Row 174,67 m

**Drill methode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 371 meter  
**Casing/Overburden** 2,4 meter

**BOX 31** 5,70 m **EXCELLENT**

<b>Date:</b> 175,10 - to - 180,80			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	RQD	Degrees from horizontal
100,0	100,0	99,5
3,00		1. Row 68°
69,00	69,00	2. Row 54°
28,00	28,00	3. Row
51,00	51,00	4. Row
40,00	40,00	5. Row
98,00	98,00	6. Row
96,00	96,00	7. Row
12,00	12,00	
83,00	83,00	
60,00	60,00	
30,00	30,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	175,51 m
2. Row	176,32 m
3. Row	177,14 m
4. Row	177,95 m
5. Row	178,76 m
6. Row	179,58 m
7. Row	180,39 m

**BOX 32**      5,78 m      EXCELLENT

<b>Date:</b> 180,80 - to - 186,58			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	QD	Degrees from horizontal
95,8	94,8	
22,00	22,00	1. Row
59,00	59,00	2. Row
13,00	13,00	3. Row
36,00	36,00	4. Row 60°
54,00	54,00	5. Row 52°
6,00		6. Row 65°
41,00	41,00	7. Row

REC	QD	Magnetic Susceptibility
95,8	94,8	
54,00	54,00	
17,00	17,00	
12,00	12,00	
25,00	25,00	
27,00	27,00	
29,00	29,00	
21,00	21,00	1. Row
40,00	40,00	2. Row
98,00	98,00	3. Row
		4. Row
		5. Row
		6. Row
		7. Row

Measurement at	
1. Row	181,21 m
2. Row	182,04 m
3. Row	182,86 m
4. Row	183,69 m
5. Row	184,52 m
6. Row	185,34 m
7. Row	186,17 m

**BOX 33**      5,75 m      EXCELLENT

<b>Date:</b> 186,58 - to - 192,33			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	QD	Degrees from horizontal
98,1	97,2	
5,00		1. Row 65°
89,00	89,00	2. Row 68°
80,00	80,00	3. Row 60°
12,00	12,00	4. Row 72°
96,00	96,00	5. Row
56,00	56,00	6. Row
9,00	9,00	7. Row
30,00	30,00	
32,00	32,00	
19,00	19,00	
44,00	44,00	
9,00	9,00	
12,00	12,00	
56,00	56,00	
15,00	15,00	

REC	QD	Magnetic Susceptibility
98,1	97,2	
9,00	9,00	
12,00	12,00	
56,00	56,00	1. Row
15,00	15,00	2. Row
		3. Row
		4. Row
		5. Row
		6. Row
		7. Row

Measurement at	
1. Row	186,99 m
2. Row	187,81 m
3. Row	188,63 m
4. Row	189,46 m
5. Row	190,28 m
6. Row	191,10 m
7. Row	191,92 m

**BOX 34**      5,69 m      **EXCELLENT**

<b>Date:</b> 192,33 - to - 198,02			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,3	99,3	99,3
94,00	94,00	1. Row
93,00	93,00	2. Row
37,00	37,00	3. Row 52°
55,00	55,00	4. Row 44°
10,00	10,00	5. Row 60°
38,00	38,00	6. Row 66°
50,00	50,00	7. Row
94,00	94,00	
62,00	62,00	
32,00	32,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 192,74 m
- 2. Row 193,55 m
- 3. Row 194,36 m
- 4. Row 195,18 m
- 5. Row 195,99 m
- 6. Row 196,80 m
- 7. Row 197,61 m

**BOX 35**      4,99 m      **EXCELLENT**

<b>Date:</b> 198,02 - to - 203,01			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
97,6	97,6	97,6
98,00	98,00	1. Row
98,00	98,00	2. Row
85,00	85,00	3. Row 70°
10,00	10,00	4. Row
99,00	99,00	5. Row
97,00	97,00	6. Row 60°
		7. Row

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 198,38 m
- 2. Row 199,09 m
- 3. Row 199,80 m
- 4. Row 200,52 m
- 5. Row 201,23 m
- 6. Row 201,94 m
- 7. Row 202,65 m

**BOX 36**      6,62 m      **GOOD**

<b>Date:</b> 203,01 - to - 209,63			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
87,3	87,3	87,3
95,00	95,00	1. Row 52°
97,00	97,00	2. Row
96,00	96,00	3. Row
13,00	13,00	4. Row
82,00	82,00	5. Row
97,00	97,00	6. Row
98,00	98,00	7. Row

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 203,48 m
- 2. Row 204,43 m
- 3. Row 205,37 m
- 4. Row 206,32 m
- 5. Row 207,27 m
- 6. Row 208,21 m
- 7. Row 209,16 m

**BOX 37**      5,86 m      **EXCELLENT**

<b>Date:</b> 209,63 - to - 215,49			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,5	99,5	99,5
26,00	26,00	1. Row
10,00	10,00	2. Row 62°
59,00	59,00	3. Row 65°
100,00	100,00	4. Row
99,00	99,00	5. Row 70°
36,00	36,00	6. Row
64,00	64,00	7. Row
99,00	99,00	
90,00	90,00	

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 210,05 m
- 2. Row 210,89 m
- 3. Row 211,72 m
- 4. Row 212,56 m
- 5. Row 213,40 m
- 6. Row 214,23 m
- 7. Row 215,07 m

**BOX 38**      5,71 m      EXCELLENT

<b>Date:</b> 215,49 - to - 221,20			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	100,0	RQD	98,6	Degrees from horizontal	
45,00		45,00		1. Row	
9,00		9,00		2. Row	70°
8,00				3. Row	
30,00		30,00		4. Row	
98,00		98,00		5. Row	
59,00		59,00		6. Row	65°
21,00		21,00		7. Row	
16,00		16,00			
58,00		58,00			
37,00		37,00			
75,00		75,00			
22,00		22,00			
93,00		93,00			

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	215,90 m
2. Row	216,71 m
3. Row	217,53 m
4. Row	218,35 m
5. Row	219,16 m
6. Row	219,98 m
7. Row	220,79 m

**BOX 39**      5,94 m      EXCELLENT

<b>Date:</b> 221,20 - to - 227,14			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	96,5	94,4	RQD	94,4	Degrees from horizontal	
71,00			71,00		1. Row	
26,00			26,00		2. Row	60°
95,00			95,00		3. Row	70°
96,00			96,00		4. Row	75°
17,00			17,00		5. Row	
12,00	NI				6. Row	
31,00			31,00		7. Row	
30,00			30,00			
97,00			97,00			
98,00			98,00			

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	221,62 m
2. Row	222,47 m
3. Row	223,32 m
4. Row	224,17 m
5. Row	225,02 m
6. Row	225,87 m
7. Row	226,72 m

**BOX 40**      5,61 m      **EXCELLENT**

**Date:**  
227,14 - to - 232,75

**DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC 99,3	RQD 99,3	Degrees from horizontal
76,00	76,00	1. Row
21,00	21,00	2. Row 40°
20,00	20,00	3. Row
77,00	77,00	4. Row
65,00	65,00	5. Row
31,00	31,00	6. Row 70°
95,00	95,00	7. Row
92,00	92,00	
80,00	80,00	

**Magnetic Susceptibility**

- Row

**Measurement at**

- Row 227,54 m
- Row 228,34 m
- Row 229,14 m
- Row 229,95 m
- Row 230,75 m
- Row 231,55 m
- Row 232,35 m

**BOX 41**      5,62 m      **EXCELLENT**

**Date:**  
232,75 - to - 238,37

**DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC 99,3	RQD 98,4	Degrees from horizontal
94,00	94,00	1. Row
30,00	30,00	2. Row 70°
61,00	61,00	3. Row 65°
5,00		4. Row
94,00	94,00	5. Row
95,00	95,00	6. Row
45,00	45,00	7. Row
49,00	49,00	
45,00	45,00	
15,00	15,00	
25,00	25,00	

**Magnetic Susceptibility**

- Row

**Measurement at**

- Row 233,15 m
- Row 233,95 m
- Row 234,76 m
- Row 235,56 m
- Row 236,36 m
- Row 237,17 m
- Row 237,97 m

**BOX 42**      5,73 m      **GOOD**

**Date:**  
238,37 - to - 244,10

**DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC		RQD	Degrees from horizontal	
99,0	93,7	88,1		
92,00		92,00	1. Row	40°
5,00	NI		2. Row	
59,00		59,00	3. Row	40°
35,00		35,00	4. Row	
38,00		38,00	5. Row	
34,00		34,00	6. Row	70°
4,00			7. Row	
9,00		9,00		
6,00				
95,00		95,00		

**Magnetic Susceptibility**

5,00	NI		1. Row
6,00			2. Row
25,00			3. Row
5,00			4. Row
53,00		53,00	5. Row
6,00			6. Row
21,00		21,00	7. Row
30,00		30,00	
30,00		30,00	
9,00		9,00	

**Measurement at**

1. Row	238,78 m
2. Row	239,60 m
3. Row	240,42 m
4. Row	241,24 m
5. Row	242,05 m
6. Row	242,87 m
7. Row	243,69 m

**BOX 43**      5,57 m      **EXCELLENT**

**Date:**  
244,10 - to - 249,67

**DIP ANGLE**

**RECOVERY**

Total [cm]	Solid [cm]	Modified [cm]	Fractures	Foliation or bedding
------------	------------	---------------	-----------	----------------------

REC		RQD	Degrees from horizontal	
98,4	98,4	96,8		
85,00		85,00	1. Row	50°
11,00		11,00	2. Row	
98,00		98,00	3. Row	
97,00		97,00	4. Row	
48,00		48,00	5. Row	
4,00			6. Row	
42,00		42,00	7. Row	
63,00		63,00		
5,00				
27,00		27,00		
68,00		68,00		

**Magnetic Susceptibility**

			1. Row
			2. Row
			3. Row
			4. Row
			5. Row
			6. Row
			7. Row

**Measurement at**

1. Row	244,50 m
2. Row	245,29 m
3. Row	246,09 m
4. Row	246,89 m
5. Row	247,68 m
6. Row	248,48 m
7. Row	249,27 m

**BOX 44** 5,83 m **EXCELLENT**

Date: 249,67 - to - 255,50  
**DIP ANGLE**  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]  
 Fractures  
 Foliation or bedding

REC	98,1	98,1	98,1	RQD	Degrees from horizontal
	94,00			94,00	1. Row
	98,00			98,00	2. Row
	20,00			20,00	3. Row
	72,00			72,00	4. Row 30°
	96,00			96,00	5. Row
	98,00			98,00	6. Row 46°
	34,00			34,00	7. Row
	60,00			60,00	

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 250,09 m  
 2. Row 250,92 m  
 3. Row 251,75 m  
 4. Row 252,59 m  
 5. Row 253,42 m  
 6. Row 254,25 m  
 7. Row 255,08 m

**BOX 45** 5,63 m **EXCELLENT**

Date: 255,50 - to - 261,13  
**DIP ANGLE**  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]  
 Fractures  
 Foliation or bedding

REC	93,4	93,4	93,4	RQD	Degrees from horizontal
	97,00			97,00	1. Row 44°
	95,00			95,00	2. Row
	52,00			52,00	3. Row
	44,00			44,00	4. Row
	49,00			49,00	5. Row 60°
	97,00			97,00	6. Row 50°
	69,00			69,00	7. Row
	23,00			23,00	

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 255,90 m  
 2. Row 256,71 m  
 3. Row 257,51 m  
 4. Row 258,32 m  
 5. Row 259,12 m  
 6. Row 259,92 m  
 7. Row 260,73 m

**Drill metode:** Core  
**Core:** BQ TK60/40.7  
**Diameter:** 40,7 mm  
**Length:** 371 meter  
**Casing/Overburden:** 2,4 meter

**BOX 46** 5,77 m **EXCELLENT**

**Date:** 261,13 - to - 266,90  
**DIP ANGLE**  
**RECOVERY**  
**Total** **Solid** **Modified**  
 [cm] [cm] [cm]

REC	99,0	RQD	99,0	Degrees from horizontal
	98,00		98,00	1. Row 78°
	96,00		96,00	2. Row 74°
	84,00		84,00	3. Row 64°
	12,00		12,00	4. Row
	95,00		95,00	5. Row
	98,00		98,00	6. Row
	88,00		88,00	7. Row

**Magnetic Susceptibility**

1. Row  
 2. Row  
 3. Row  
 4. Row  
 5. Row  
 6. Row  
 7. Row

**Measurement at**

1. Row 261,54 m  
 2. Row 262,37 m  
 3. Row 263,19 m  
 4. Row 264,02 m  
 5. Row 264,84 m  
 6. Row 265,66 m  
 7. Row 266,49 m

**BOX 47** 5,67 m **EXCELLENT**

<b>Date:</b> 266,90 - to - 272,57			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,5	99,5	RQD 99,5	Degrees from horizontal	
93,00		93,00	1. Row	62°
94,00		94,00	2. Row	
99,00		99,00	3. Row	
20,00		20,00	4. Row	
74,00		74,00	5. Row	
98,00		98,00	6. Row	
86,00		86,00	7. Row	

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	267,31 m
2. Row	268,12 m
3. Row	268,93 m
4. Row	269,74 m
5. Row	270,55 m
6. Row	271,36 m
7. Row	272,17 m

**BOX 48** 5,83 m **EXCELLENT**

<b>Date:</b> 272,57 - to - 278,40			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC 99,3	99,3	RQD 99,3	Degrees from horizontal	
30,00		30,00	1. Row	
63,00		63,00	2. Row	
96,00		96,00	3. Row	35°
100,00		100,00	4. Row	
40,00		40,00	5. Row	
50,00		50,00	6. Row	
100,00		100,00	7. Row	
100,00		100,00		

**Magnetic Susceptibility**

---

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

---

1. Row	272,99 m
2. Row	273,82 m
3. Row	274,65 m
4. Row	275,49 m
5. Row	276,32 m
6. Row	277,15 m
7. Row	277,98 m

**BOX 49**      5,80 m      **GOOD**

<b>Date:</b> 278,40 - to - 284,20			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
96,2	87,6	82,1		
50,00		50,00	1. Row	45°
35,00		35,00	2. Row	
7,00			3. Row	
24,00		24,00	4. Row	
7,00			5. Row	
7,00			6. Row	
14,00		14,00	7. Row	
35,00	NI			
4,00				
7,00				

		Magnetic Susceptibility	
13,00		13,00	
26,00		26,00	
17,00		17,00	
27,00		27,00	1. Row
47,00		47,00	2. Row
15,00	NI		3. Row
32,00		32,00	4. Row
95,00		95,00	5. Row
96,00		96,00	6. Row
			7. Row

Measurement at	
1. Row	278,81 m
2. Row	279,64 m
3. Row	280,47 m
4. Row	281,30 m
5. Row	282,13 m
6. Row	282,96 m
7. Row	283,79 m

**BOX 50**      5,63 m      **EXCELLENT**

<b>Date:</b> 284,20 - to - 289,83			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC		RQD	Degrees from horizontal	
99,8	99,8	98,9		
73,00		73,00	1. Row	52°
22,00		22,00	2. Row	
96,00		96,00	3. Row	
98,00		98,00	4. Row	58°
91,00		91,00	5. Row	42°
5,00			6. Row	
94,00		94,00	7. Row	
40,00		40,00		
43,00		43,00		

		Magnetic Susceptibility	
1. Row			
2. Row			
3. Row			
4. Row			
5. Row			
6. Row			
7. Row			

Measurement at	
1. Row	284,60 m
2. Row	285,41 m
3. Row	286,21 m
4. Row	287,02 m
5. Row	287,82 m
6. Row	288,62 m
7. Row	289,43 m

**BOX 51**      5,82 m      **GOOD**

<b>Date:</b> 289,83 - to - 295,65			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	Solid	RQD	Degrees from horizontal	
95,0	81,3	80,1		
95,00		95,00	1. Row	55°
95,00		95,00	2. Row	66°
65,00		65,00	3. Row	
31,00		31,00	4. Row	
78,00		78,00	5. Row	
7,00	NI		6. Row	
9,00		9,00	7. Row	

REC	Solid	RQD	Magnetic Susceptibility	
95,0	81,3	80,1		
60,00	NI			
19,00		19,00		
13,00	NI			
9,00		9,00		
12,00		12,00		
13,00		13,00		
15,00		15,00	1. Row	
7,00			2. Row	
25,00		25,00	3. Row	
			4. Row	
			5. Row	
			6. Row	
			7. Row	

Measurement at	
1. Row	290,25 m
2. Row	291,08 m
3. Row	291,91 m
4. Row	292,74 m
5. Row	293,57 m
6. Row	294,40 m
7. Row	295,23 m

**BOX 52**      5,70 m      **EXCELLENT**

<b>Date:</b> 295,65 - to - 301,35			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
<b>Total</b> [cm]	<b>Solid</b> [cm]	<b>Modified</b> [cm]		

REC	Solid	RQD	Degrees from horizontal	
99,5	99,5	99,5		
95,00		95,00	1. Row	
95,00		95,00	2. Row	73°
86,00		86,00	3. Row	
9,00		9,00	4. Row	
91,00		91,00	5. Row	
97,00		97,00	6. Row	61°
94,00		94,00	7. Row	

REC	Solid	RQD	Magnetic Susceptibility	
99,5	99,5	99,5		
			1. Row	
			2. Row	
			3. Row	
			4. Row	
			5. Row	
			6. Row	
			7. Row	

Measurement at	
1. Row	296,06 m
2. Row	296,87 m
3. Row	297,69 m
4. Row	298,50 m
5. Row	299,31 m
6. Row	300,13 m
7. Row	300,94 m

**BOX 53** 5,60 m **EXCELLENT**

<b>Date:</b> 301,35 - to - 306,95			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal
98,9	96,8	95,9	
5,00			1. Row 30°
85,00		85,00	2. Row 44°
80,00		80,00	3. Row 36°
12,00	NI		4. Row 54°
90,00		90,00	5. Row 61°
97,00		97,00	6. Row 58°
80,00		80,00	7. Row
14,00		14,00	
91,00		91,00	

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	301,75 m
2. Row	302,55 m
3. Row	303,35 m
4. Row	304,15 m
5. Row	304,95 m
6. Row	305,75 m
7. Row	306,55 m

**BOX 54** 5,70 m **EXCELLENT**

<b>Date:</b> 306,95 - to - 312,65			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	Solid	RQD	Degrees from horizontal
99,6	99,6	99,6	
95,00		95,00	1. Row 35°
98,00		98,00	2. Row
94,00		94,00	3. Row 83°
99,00		99,00	4. Row 73°
96,00		96,00	5. Row 76°
16,00		16,00	6. Row 78°
70,00		70,00	7. Row

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	307,36 m
2. Row	308,17 m
3. Row	308,99 m
4. Row	309,80 m
5. Row	310,61 m
6. Row	311,43 m
7. Row	312,24 m

**BOX 55** 5,63 m **EXCELLENT**

<b>Date:</b> 312,65 - to - 318,28			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	99,3	RQD 99,3	Degrees from horizontal	
95,00		95,00	1. Row	74°
97,00		97,00	2. Row	54°
24,00		24,00	3. Row	50°
65,00		65,00	4. Row	78°
95,00		95,00	5. Row	80°
93,00		93,00	6. Row	
10,00		10,00	7. Row	
43,00		43,00		
37,00		37,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	313,05 m
2. Row	313,86 m
3. Row	314,66 m
4. Row	315,47 m
5. Row	316,27 m
6. Row	317,07 m
7. Row	317,88 m

**BOX 56** 5,74 m **EXCELLENT**

<b>Date:</b> 318,28 - to - 324,02			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,7	99,7	RQD 99,7	Degrees from horizontal	
96,00		96,00	1. Row	64°
98,00		98,00	2. Row	
70,00		70,00	3. Row	45°
22,00		22,00	4. Row	61°
95,00		95,00	5. Row	
97,00		97,00	6. Row	
82,00		82,00	7. Row	
12,00		12,00		

**Magnetic Susceptibility**

1. Row
2. Row
3. Row
4. Row
5. Row
6. Row
7. Row

**Measurement at**

1. Row	318,69 m
2. Row	319,51 m
3. Row	320,33 m
4. Row	321,15 m
5. Row	321,97 m
6. Row	322,79 m
7. Row	323,61 m

BOX 57			5,88 m	EXCELLENT	
Date:			DIP ANGLE		
324,02 - to - 329,90					
RECOVERY			Fractures		
Total	Solid	Modified	Foliation or bedding		
[cm]	[cm]	[cm]			

REC	QD	Degrees from horizontal
95,9	95,9	95,9
96,00	96,00	1. Row
95,00	95,00	2. Row
92,00	92,00	3. Row
95,00	95,00	4. Row
93,00	93,00	5. Row 40°
93,00	93,00	6. Row
		7. Row

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	324,44 m
2. Row	325,28 m
3. Row	326,12 m
4. Row	326,96 m
5. Row	327,80 m
6. Row	328,64 m
7. Row	329,48 m

BOX 58			5,70 m	EXCELLENT	
Date:			DIP ANGLE		
329,90 - to - 335,60					
RECOVERY			Fractures		
Total	Solid	Modified	Foliation or bedding		
[cm]	[cm]	[cm]			

REC	QD	Degrees from horizontal
99,8	99,8	99,8
97,00	97,00	1. Row 38°
95,00	95,00	2. Row 44°
34,00	34,00	3. Row
61,00	61,00	4. Row 42°
98,00	98,00	5. Row 41°
99,00	99,00	6. Row 80°
85,00	85,00	7. Row

Magnetic Susceptibility	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

Measurement at	
1. Row	330,31 m
2. Row	331,12 m
3. Row	331,94 m
4. Row	332,75 m
5. Row	333,56 m
6. Row	334,38 m
7. Row	335,19 m

**BOX 59**      5,70 m      **EXCELLENT**

<b>Date:</b> 335,60 - to - 341,30			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,3	99,3	99,3
98,00	98,00	1. Row 78°
96,00	96,00	2. Row 68°
68,00	68,00	3. Row
25,00	25,00	4. Row
96,00	96,00	5. Row
93,00	93,00	6. Row
90,00	90,00	7. Row

<b>Magnetic Susceptibility</b>	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

<b>Measurement at</b>	
1. Row 336,01 m	
2. Row 336,82 m	
3. Row 337,64 m	
4. Row 338,45 m	
5. Row 339,26 m	
6. Row 340,08 m	
7. Row 340,89 m	

**BOX 60**      6,10 m      **EXCELLENT**

<b>Date:</b> 341,30 - to - 347,40			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	RQD	Degrees from horizontal
99,8	99,8	99,8
94,00	94,00	1. Row 80°
94,00	94,00	2. Row
98,00	98,00	3. Row 81°
23,00	23,00	4. Row 63°
70,00	70,00	5. Row
37,00	37,00	6. Row
56,00	56,00	7. Row
96,00	96,00	
41,00	41,00	

<b>Magnetic Susceptibility</b>	
1. Row	
2. Row	
3. Row	
4. Row	
5. Row	
6. Row	
7. Row	

<b>Measurement at</b>	
1. Row 341,74 m	
2. Row 342,61 m	
3. Row 343,48 m	
4. Row 344,35 m	
5. Row 345,22 m	
6. Row 346,09 m	
7. Row 346,96 m	

<b>Drill methode:</b>	Core
<b>Core:</b>	BQ TK60/40.7
<b>Diameter:</b>	40,7 mm
<b>Length:</b>	371 meter
<b>Casing/Overburden</b>	2,4 meter

<b>BOX 61</b>	6,10 m	<b>EXCELLENT</b>
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<b>Date:</b>	347,40 - to - 353,50	<b>DIP ANGLE</b>
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<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC 99,3	99,3	RQD 99,3	Degrees from horizontal	
88,00		88,00	1. Row	50°
96,00		96,00	2. Row	68°
98,00		98,00	3. Row	
22,00		22,00	4. Row	66°
74,00		74,00	5. Row	70°
99,00		99,00	6. Row	68°
94,00		94,00	7. Row	
35,00		35,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 347,84 m
- 2. Row 348,71 m
- 3. Row 349,58 m
- 4. Row 350,45 m
- 5. Row 351,32 m
- 6. Row 352,19 m
- 7. Row 353,06 m

**BOX 62**      6,10 m      **EXCELLENT**

<b>Date:</b> 353,50 - to - 359,60			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	98,5	98,5	98,5	Degrees from horizontal	
	97,00		97,00	1. Row	
	64,00		64,00	2. Row	55°
	30,00		30,00	3. Row	78°
	92,00		92,00	4. Row	61°
	94,00		94,00	5. Row	
	100,00		100,00	6. Row	62°
	99,00		99,00	7. Row	
	25,00		25,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      353,94 m
- 2. Row      354,81 m
- 3. Row      355,68 m
- 4. Row      356,55 m
- 5. Row      357,42 m
- 6. Row      358,29 m
- 7. Row      359,16 m

**BOX 63**      6,40 m      **EXCELLENT**

<b>Date:</b> 359,60 - to - 366,00			<b>DIP ANGLE</b>	
<b>RECOVERY</b>			Fractures	Foliation or bedding
Total [cm]	Solid [cm]	Modified [cm]		

REC	96,9	96,9	96,9	Degrees from horizontal	
	98,00		98,00	1. Row	40°
	96,00		96,00	2. Row	72°
	94,00		94,00	3. Row	63°
	26,00		26,00	4. Row	
	60,00		60,00	5. Row	68°
	98,00		98,00	6. Row	67°
	61,00		61,00	7. Row	
	25,00		25,00		
	62,00		62,00		

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row      360,06 m
- 2. Row      360,97 m
- 3. Row      361,89 m
- 4. Row      362,80 m
- 5. Row      363,71 m
- 6. Row      364,63 m
- 7. Row      365,54 m

**BOX 64** 5,20 m **EXCELLENT**

Date: EOH  
 366,00 - to - 371,20  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]

**DIP ANGLE**  
 Fractures  
 Foliation or bedding

REC	QD	Degrees from horizontal
98,7	98,7	98,7
98,00	98,00	1. Row
98,00	98,00	2. Row 70°
93,00	93,00	3. Row 59°
99,00	99,00	4. Row
100,00	100,00	5. Row
25,00	25,00	6. Row
		7. Row

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row 366,37 m
- 2. Row 367,11 m
- 3. Row 367,86 m
- 4. Row 368,60 m
- 5. Row 369,34 m
- 6. Row 370,09 m
- 7. Row 370,83 m

**BOX 65** 0,00 m **#DIV/0!**

Date: - to -  
**RECOVERY**  
 Total Solid Modified  
 [cm] [cm] [cm]

**DIP ANGLE**  
 Fractures  
 Foliation or bedding

REC	QD	Degrees from horizontal
		1. Row
		2. Row
		3. Row
		4. Row
		5. Row
		6. Row
		7. Row

**Magnetic Susceptibility**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row

**Measurement at**

- 1. Row
- 2. Row
- 3. Row
- 4. Row
- 5. Row
- 6. Row
- 7. Row