

DETAILED LOG

Hole Number: ER2006-01A

Units: METRIC

Project Name: Norway - South Norway	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -45.00
Project Number: 203	North: 6659653.99	North: 60.07	Collar Az: 53.00
Location: Ertelia	East: 558127.48	East: 10.04	Length: 17.00 (m)
	Elev: 173.63	Elev: 173.63	Start Depth: 0.00 (m)
Date Started: Jun 03, 2006	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jun 05, 2006	Multishot Survey: N	Hole Size: TT46	Final Depth: 17.00 (m)
Logged By: blairt	Pulse EM Survey: N	Casing: Pulled	Core Storage:

Comments:

Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	0.55	C, Casing							
0.55	7.95	4, Anorthosite / Anorthosite Gabbro Coarse grained, plagioclase-rich, grey-white, highly brecciated anorthosite crosscut with >35% mm scale chlorite/biotite veinlets. The weathering profile for this interval is ~4.5m. The proportion of biotite-veining increases towards the lower contact. The lower contact of this unit is sharp at 35 tca. RQD 0.55 - 3.00 : 65.00 % RQD 100.00 % Core 3.00 - 6.00 : 52.00 % RQD 100.00 % Core 6.00 - 9.00 : 58.00 % RQD 100.00 % Core							

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
7.95	17.00	GAB, Gabbro	PG04288	13.00	14.00	1.00	0.0900	0.0700	0.0100
		Dark green to locally black, fine to medium grained, non- to weakly magnetic gabbronorite composed of 40-80% pyroxene and 20-60% plagioclase. Locally, brown to bronze mm scale pyroxenes are apparent (opx - bronzite?).	PG04289	14.00	15.00	1.00	0.1500	0.1000	0.0100
		This unit is highly sheared; 7.95-11.50m is an area of low angle (sub-parallel) shearing, within a more mafic interval.	PG04290	15.00	16.00	1.00	0.1400	0.0900	0.0100
		11.05-11.25m: Anorthosite veinlet (upper contact at 30 tca, lower contact at 25 tca) which is garnet-bearing proximal to the upper and lower contacts. Trace pyrite.							
		11.50-17.00m: Interval with a higher percentage of plagioclase (40-60%) with altered regions (remanent pyroxenes altered to serpentine +- chlorite) rimmed with grey plagioclase (mm-scale).							
		13.70-14.10m: Anorthosite veinlet - highly brecciated/sheared veinlet with semi-angular fragments within a chloritic matrix. Vuggy and mm scale cubic pyrite occurs within this unit. The upper and lower contacts are at 10 and 30 tca, respectively.							
		17.00m: 1cm wide chlorite+serpentine-bearing fault gouge (semi-consolidated) at 10 degrees to the ca. The hole was lost as drillers could not advance the rods or ream. Mm scale pyrite occurs within the fault gouge.							
		Structure							
		7.95 - 11.50 : S Schistose, 10 Deg to CA							
		Unit with low angle faulting/shearing							
		16.99 - 17.00 : F Fractured, 10 Deg to CA							
		MAJOR FAULT - hole lost within 1cm fault gouge							
		RQD							
		9.00 - 12.00 : 40.00 % RQD 100.00 % Core							
		12.00 - 15.00 : 59.00 % RQD 100.00 % Core							
		15.00 - 17.00 : 44.00 % RQD 100.00 % Core							
		Hole lost at 17m within fault							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG04288	13.00	14.00	0.0900	0.0700	0.0100
PG04289	14.00	15.00	0.1500	0.1000	0.0100
PG04290	15.00	16.00	0.1400	0.0900	0.0100