

Hole Number: ES08-154

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -90.00
Project Number: 201	North: 6804098.00	North: 61.37	Collar Az: 230.00
Location: Surface	East: 534592.00	East: 9.65	Length: 125.11 (m)
	Elev: 745.00	Elev: 745.00	Start Depth: 0.00 (m)
Date Started: May 14, 2008	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: May 18, 2008	Multishot Survey: N	Hole Size: BQ	Core Storage: tyristrand
Logged By: pmnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 125.11 (m)

Comments: Hole designed to test an AEM conductor and mag-high anomaly. Hole intersected a mg to cg pyroxenite and ended in a wide mafic dyke and anorthosite.

Results:
18.20-19.75m 1-35 fg blebby Po mineralization with trace Cpy within pyroxenite.

Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	14.40	O/B, Overburden							
14.40	81.20	PYXT, Pyroxenite Black, mg to cg, massive, homogenous. Typical UM within the area. Strongly magnetic. Abundant Opx? ~3-5% cm wide talc veins. Mineralized locally. Mineralized near surface from 18.20-19.75 with 1-3% cm bleb sof Po and trave cpy. (May explain conductor?). Up to 5% locally Structure 32.20 - 33.90 strong faulting and shearing	BL00459	16.20	17.20	1.00	0.1270	0.0070	0.0110
			BL00461	17.20	18.20	1.00	0.1420	0.0100	0.0110
			BL00462	18.20	19.20	1.00	0.1110	0.0110	0.0080
			BL00463	19.20	19.75	0.55	0.1080	0.0190	0.0070
			BL00464	19.75	20.75	1.00	0.1220	0.0060	0.0110
			BL00465	20.75	21.75	1.00	0.1250	0.0050	0.0110
81.20	104.67	GAB, Gabbro Wide Mafic Dyke/Gabbro Green fg to mg. Massive. Homogenous. Not mineralized or magnetic. Quenched upper contact as well as strongly altered and sheared upper contact to UM with fabric approx 50-60 dtca. MINOR INTERVALS: Minor Interval: 102.8 - 103.25 ANOR, Anorthosite Inclusion of anorthosite. White. massive, cg, homogenous. Highly irregular contacts. Mafic dyke/ gabb has qunched contacts with inclusion.							
104.67	125.10	ANOR, Anorthosite Grey/white. Mg to cg. Massive. Homogenous. Not altered. 2% v. thin chlorite veinlets. not mineralized.							
125.10	125.11	EOH, End of Hole							

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Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL00459	16.20	17.20	0.1270	0.0070	0.0110
BL00461	17.20	18.20	0.1420	0.0100	0.0110
BL00462	18.20	19.20	0.1110	0.0110	0.0080
BL00463	19.20	19.75	0.1080	0.0190	0.0070
BL00464	19.75	20.75	0.1220	0.0060	0.0110
BL00465	20.75	21.75	0.1250	0.0050	0.0110