

Hole Number: ES08-151

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -80.00
Project Number: 201	North: 6804274.00	North: 61.37	Collar Az: 230.00
Location: Surface	East: 534345.00	East: 9.64	Length: 179.31 (m)
	Elev: 745.00	Elev: 745.00	Start Depth: 0.00 (m)
Date Started: Apr 30, 2008	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: May 03, 2008	Multishot Survey: N	Hole Size: BQ	Core Storage: tyristrand
Logged By: pmnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 179.31 (m)

Comments:

## Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	7.00	O/B, Overburden							
7.00	121.20	PYXT, Pyroxenite Black, mg to cg, massive, strongly magnetic, mineralized locally (nothing to put as sulfide zone). Very weak local pervasive foliation at moderate angles tca. 2% v. thin magnetite veinlets. Locally highly broken core. Local, 2-3m wide, pale grey/green altered sections with unknown mineral. Mineralization 23.50 - 24.30 : PO Pyrrhotite, DIS Disseminated, 4% Fg diss intergranular Po 48.20 - 48.80 : PO Pyrrhotite, DIS Disseminated, 1% Fg Po Alteration 47.60 - 48.20 :EP Epidote, P Pervasive, S Strong Strong pervasive light grey/light green alteration zone. Unknown type. Possibly epidote? 48.80 - 53.55 :EP Epidote, P Pervasive, S Strong Same as above....epidote? Structure 24.30 - 24.80 strongly broken core. 118.80 - 119.08 strongly serpentized fault. MINOR INTERVALS: Minor Interval: 94.67 - 95.57 MD, Mafic Dike Green, fg, massive, sharp irregular upper and lower contacts. Not mineralized.	BL00402	22.00	23.00	1.00	0.1220	0.0140	0.0110
			BL00403	23.00	23.50	0.50	0.1350	0.0140	0.0130
			BL00404	23.50	24.30	0.80	0.4130	0.0700	0.0210
			BL00405	24.30	25.00	0.70	0.0890	0.0100	0.0090
			BL00406	25.00	26.00	1.00	0.1440	0.0240	0.0140
			BL00407	47.00	47.60	0.60	0.1240	0.0430	0.0120
			BL00408	47.60	48.20	0.60	0.0470	0.0200	0.0040
			BL00409	48.20	48.80	0.60	0.1580	0.0410	0.0140
			BL00410	48.80	49.40	0.60	0.0560	0.0240	0.0030
			BL00411	49.40	50.00	0.60	0.0560	0.0230	0.0060
121.20	127.70	MD, Mafic Dike							
127.70	132.35	PYXT, Pyroxenite Same as above PYXT from 7.0-127.7. No mineralization.							

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
132.35	151.15	MD, Mafic Dike Green. Mg. massive, homogenous. Not mineralized. Very sharp lower contact with ANOR and strongly sheared upper contact with UM over 0.5m.							
151.15	179.30	ANOR, Anorthosite Grey/white. Fg to mg, massive, homogenous. Very abundant oligoclase. Not mineralized. Undeformed anorthosite. 2-3% v. thin chloritized veinlets.							
179.30	179.31	EOH, End of Hole							

## Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL00402	22.00	23.00	0.1220	0.0140	0.0110
BL00403	23.00	23.50	0.1350	0.0140	0.0130
BL00404	23.50	24.30	0.4130	0.0700	0.0210
BL00405	24.30	25.00	0.0890	0.0100	0.0090
BL00406	25.00	26.00	0.1440	0.0240	0.0140
BL00407	47.00	47.60	0.1240	0.0430	0.0120
BL00408	47.60	48.20	0.0470	0.0200	0.0040
BL00409	48.20	48.80	0.1580	0.0410	0.0140
BL00410	48.80	49.40	0.0560	0.0240	0.0030
BL00411	49.40	50.00	0.0560	0.0230	0.0060