

## DETAILED LOG

Hole Number: ES07-72

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -51.70
Project Number: 201	North: 6805622.02	North: 61.38	Collar Az: 50.70
Location: Andreasburg	East: 535129.42	East: 9.66	Length: 83.11 (m)
	Elev: 998.67	Elev: 998.67	Start Depth: 0.00 (m)
Date Started: Jun 26, 2007	Collar Survey: Y	Plugged: N	Contractor: Geo Drilling A/S
Date Completed: Jun 28, 2007	Multishot Survey: N	Hole Size: TT46	Core Storage: Tyrstrand
Logged By: ccnor	Pulse EM Survey: N	Casing: Left in Hole, capped	Final Depth: 83.11 (m)

Comments: TARGET: Hole testing UTEM anomaly (ESP\_05\_04) and 30 meters down dip of Shearer Pit #1

RESULTS:Hole intersected mixed gabbro and anorthosite with minor remobilized Po/Py stringer sulphide (see mineralization). Also minor weakly mineralized pyroxenite dikes.

## Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	1.50	O/B, Overburden casing from 0-1.5m.							

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
1.50	83.10	ANOR, Anorthosite (Altered Anorthosite?/Mixed leucogabbro? with minor Pyroxenite dikes) Light green to grey with a varying texture from speckled and mottled (gabbro) to moderately foliated (Anorthosite). where foliated, fabric ranges from 50-60 DTCA. Weakly mineralized with 2-3% disseminated Po. Mineralization commonly occurs within pyroxenite dikes.  Overall unit consists of 70-80 % milky white to grey feldspars, 10-20% altered greenish pyroxenes, 0-5% red garnets and 5-10% green serpentinite alteration occurring as thin veinlets.  Minor centimetric to decimetric dark green grey pyroxenitic dikes that contain 2-3% Po sulphide and 40-50% brassy pyroxenes set in a fine green serpentized matrix.  8.7-11.5m - Mottled green to redish pyroxenes on milky white feldspar (gabbro)  ***Only two tags recovered from 33.8m and 42.6m. Total core measured between these two tags is 11.5m. (should be only 8.8m). Core is badly broken over this interval and tags missing/in the wrong spot.***  Mineralization 48.80 - 49.10 : PO Pyrrhotite, STR Stringers, 5% 1% PY 49.80 - 50.20 : PO Pyrrhotite, STR Stringers, 15% 10-15% Stringers that are 60 DTCA. Trace CPY 35.90 - 39.00 : PO Pyrrhotite, STR Stringers, 4% multiple short (5-10cm) dark grey bands over interval that contain 5-7 stringer Po. Conductive. 49.10 - 49.80 : PO Pyrrhotite, STR Stringers, 2% 50.20 - 50.70 Alteration 40.00 - 41.00 :SERP Serpentine, VN Vein, M Moderate serp alteration ass. with fault 81.00 - 82.50 :SRP Serpentine, VN Vein, M Moderate serp. vein 5 DTCA Structure 4.70 - 4.70 : FOL Foliated, 60 Deg to CA 14.00 - 14.00 : FOL Foliated, 55 Deg to CA 34.00 - 34.00 : FOL Foliated, 70 Deg to CA 40.85 - 40.90 : FLT Fault, 50 Deg to CA 44.00 - 44.00 : FOL Foliated, 65 Deg to CA 55.60 - 55.70 : FLT Fault, 25 Deg to CA serp infill 63.50 - 63.50 : FLT Fault, 30 Deg to CA 64.50 - 64.50 : FOL Foliated, 60 Deg to CA 73.00 - 73.00 : FOL Foliated, 70 Deg to CA	PG07619	48.30	48.80	0.50	0.0060	0.0070	0.0030
			PG07621	48.80	49.10	0.30	0.0370	0.0350	0.0080
			PG07622	49.10	49.80	0.70	0.0150	0.0250	0.0050
			PG07623	49.80	50.20	0.40	0.0560	0.0900	0.0130
			PG07624	50.20	50.70	0.50	0.0240	0.0210	0.0090

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure 74.00 - 74.00 : FOL Foliated, 60 Deg to CA 74.50 - 74.50 : FLT Fault, 30 Deg to CA  MINOR INTERVALS: Minor Interval: 27 - 27.7 PYXT, Pyroxenite see major unit for description. lower contact 10 DTCA. Minor Interval: 28 - 28.2 PYXT, Pyroxenite see major unit for description. upper contact 80 DTCA. Minor Interval: 28.8 - 30 PYXT, Pyroxenite see major unit for description.							
83.10	83.11	EOH, End of Hole							

## Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG07619	48.30	48.80	0.0060	0.0070	0.0030
PG07621	48.80	49.10	0.0370	0.0350	0.0080
PG07622	49.10	49.80	0.0150	0.0250	0.0050
PG07623	49.80	50.20	0.0560	0.0900	0.0130
PG07624	50.20	50.70	0.0240	0.0210	0.0090