

Hole Number: ES07-69

Units: Metric

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -50.60
Project Number: 201	North: 6805732.87	North: 61.38	Collar Az: 234.20
Location: Andreasburg	East: 535235.01	East: 9.66	Length: 89.91 (m)
	Elev: 1019.19	Elev: 1019.19	Start Depth: 0.00 (m)
Date Started: Jun 19, 2007	Collar Survey: Y	Plugged: N	Contractor: Geo Drilling A/S
Date Completed: Jun 21, 2007	Multishot Survey: N	Hole Size: TT46	Final Depth: 89.91 (m)
Logged By: ccnor	Pulse EM Survey: N	Casing: Left in Hole, capped	Core Storage: Tyrstrand

Comments: TARGET: Hole testing 35 m down dip from historic workings and mineralization at surface. Also testing pyroxenite/gabbro contact.

RESULTS: Hole intersected a variably mineralized pyroxenite to 34.70m followed by gabbro. Best mineralization from 30.50-34.30m including net to stringer sulphide from 33.25 to 33.70m consisting of 15% Po, 3% Pn, 2% CPY

Sample Averages

Average Type	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
WEIGHTED	30.00	38.65	8.65	0.5071	0.2859	0.0253
WEIGHTED	31.20	34.70	3.50	0.9328	0.3922	0.0426
WEIGHTED	33.25	34.70	1.45	1.4292	0.6412	0.0620

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 to 1.5m							
1.50	34.70	PYXT, Pyroxenite Mineralization 30.50 - 31.20 : PO Pyrrhotite, STR Stringers, 2% 31.55 - 32.15 : PO Pyrrhotite, Net Net Textured, 5% 5 po, tr pn 33.25 - 33.70 : PO Pyrrhotite, Net Net Textured, 20% 15 po, 3pn, 2 cpy. net to stringer. 34.30 - 34.70 : PO Pyrrhotite, Net Net Textured, 6% 4-5 po, 1 pn 17.00 - 30.50 : PO Pyrrhotite, DIS Disseminated, 0.25% trace sulphide 31.20 - 31.55 : PO Pyrrhotite, Net Net Textured, 10% 8 po, 2 pn. net to stringer 32.15 - 33.25 : PO Pyrrhotite, Net Net Textured, 7% 5-7% 33.70 - 34.30 : PO Pyrrhotite, Net Net Textured, 10% 8-9 po, 1 pn. net texture	PG07558	29.00	30.00	1.00	0.1620	0.0580	0.0170
			PG07559	30.00	30.50	0.50	0.2310	0.0890	0.0180
			PG07561	30.50	31.20	0.70	0.2650	0.1550	0.0180
			PG07562	31.20	31.55	0.35	0.6820	0.2040	0.0370
			PG07563	31.55	32.15	0.60	0.4180	0.0400	0.0220
			PG07564	32.15	33.25	1.10	0.6390	0.3160	0.0300
			PG07565	33.25	33.70	0.45	1.8050	0.5930	0.0860
			PG07566	33.70	34.30	0.60	1.3300	0.8220	0.0540
			PG07567	34.30	34.70	0.40	1.1550	0.4240	0.0470

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
34.70	80.90	GAB, Gabbro (Leucogabbro/Anorthosite) Light grey, fine grained, non magnetic and non mineralized except for the upper 5m (see mineralization). Unit consists of a mixture of fine gained speckled white and grey gabbro and white to green sheared/massive anorthosite. Centimetric mafic dikes. Moderate to locally strong (near faults) serp. alteration. 43.2 to 48.25m-pervasive brecciation/shearing Mineralization 36.00 - 37.00 : PO Pyrrhotite, NT Net-Textured, 2% 37.70 - 38.15 : PO Pyrrhotite, Net Net Textured, 25% 15-20 po, 2-3 cpy, 1pn. net to stringer 58.00 - 63.00 : PO Pyrrhotite, Net Net Textured, 2% overall 2-3%. 34.70 - 36.00 : PO Pyrrhotite, DIS Disseminated, 0.25% 37.00 - 37.70 : PO Pyrrhotite, DIS Disseminated, 0.25% 38.15 - 38.65 : PO Pyrrhotite, DIS Disseminated, 0.25% Structure 44.75 - 44.75 : SHR Shear, 60 Deg to CA 56.80 - 56.90 : FLT Fault, 55 Deg to CA 68.60 - 68.70 : FLT Fault, 35 Deg to CA serpentite/ carbonate infill 73.10 - 73.15 : FLT Fault, 25 Deg to CA serpentite/ carbonate infill	PG07568	34.70	36.00	1.30	0.0370	0.0700	0.0070
			PG07569	36.00	37.00	1.00	0.2170	0.1480	0.0140
			PG07570	37.00	37.70	0.70	0.0090	0.0140	0.0050
			PG07571	37.70	38.15	0.45	0.9920	1.2750	0.0360
			PG07572	38.15	38.65	0.50	0.2060	0.2500	0.0110
			PG07573	38.65	39.20	0.55	0.0250	0.2320	0.0070
80.90	89.91	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG07558	29.00	30.00	0.1620	0.0580	0.0170
PG07559	30.00	30.50	0.2310	0.0890	0.0180
PG07561	30.50	31.20	0.2650	0.1550	0.0180
PG07562	31.20	31.55	0.6820	0.2040	0.0370
PG07563	31.55	32.15	0.4180	0.0400	0.0220
PG07564	32.15	33.25	0.6390	0.3160	0.0300
PG07565	33.25	33.70	1.8050	0.5930	0.0860
PG07566	33.70	34.30	1.3300	0.8220	0.0540
PG07567	34.30	34.70	1.1550	0.4240	0.0470
PG07568	34.70	36.00	0.0370	0.0700	0.0070
PG07569	36.00	37.00	0.2170	0.1480	0.0140

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Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG07570	37.00	37.70	0.0090	0.0140	0.0050
PG07571	37.70	38.15	0.9920	1.2750	0.0360
PG07572	38.15	38.65	0.2060	0.2500	0.0110
PG07573	38.65	39.20	0.0250	0.2320	0.0070