DETAILED LOG

Hole Number: ES07-100 Units: METRIC

Project Name:	Norway - Espedalen	Primary Coordinates	Grid: UTM84-32N		Destination Coordinates	Grid: UTM:	Collar Dip: -50.00
Project Number:	201	North: 6810020.00			North: 61.42		Collar Az: 140.00
Location:	Surface	East: 530735.00			East: 9.58		Length: 151.91 (m)
		Elev: 1232.00			Elev: 1232.00		Start Depth: 0.00 (m)
Date Started:	Oct 06, 2007	Collar Survey: N		Plugged: N	Contractor: Geo Drilling A/S		Final Depth: 151.91 (m)
Date Completed:	Oct 18, 2007	Multishot Survey: N		Hole Size: TT46	Core Storage: Tyristrand		
Logged By:	K Leonard	Pulse EM Survey: N		Casing: Left in Hole			

Comments: This hole is designed to test the potential for Ni mineralization below the Nikkelgruva workings. The hole is a 100m step-out to the northwest from Hole ES07-99.

Results:

99.30 - 99.60m: 3% blebby, disseminated Po

148.76 - 149.74m: 1-3% blebby, disseminated Po
150.30 - 150.75m 3-5% blebby, disseminated Po, immediately above the UMAF - GABB contact.

Sample Averages

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	2.80	CAS, Casing							
2.80	64.54	ANOR, Anorthosite Anorthositic Gabbro mottled white and dark grey, medium grained but becoming finer grained towards the lower contact, foliated, locally fractured but generally competent core, occasional isolated grains of pyrrhotite. Texture 2.80 - 64.54 : IDIO Idiomorphic Structure 8.80 - 10.23 18.36 - 21.19 26.46 - 26.48 : FOL Foliated, 58 Deg to CA 33.19 - 34.53 46.80 - 46.82 : FOL Foliated, 54 Deg to CA 63.67 - 63.69 : FOL Foliated, 63 Deg to CA							
64.54	97.11	UM, Ultramafic Pyroxenite Ultramafic dark grey in colour, noticable pyroxenite metacrysts throughout, strongly magnetic, competent core modified by local fracturing, trace sulphides.							
97.11	97.90	MD, Mafic Dike grey in colour, fine grained, moderately magnetic, strongly fractured, sharp UC at 50deg to the LCA, broken LC, nil sulphides.							

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Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
97.90	101.18	UM, Ultramafic same as UMAF unit observed above from 64.54 to 97.11m. 99.30 - 99.60m: 3% disseminated, blebby pyrrhotite Mineralization 99.60 - 99.60 : PO Pyrrhotite, DIS Disseminated, 3% MINOR INTERVALS: Minor Interval: 99.3 - 99.6 SULF, Sulfide 3% disseminated and blebby Po mineralization	PG05291	99.00	99.30	0.30	0.0640	0.0190	0.0110
			PG05292	99.30	99.60	0.30	0.0600	0.0270	0.0130
			PG05293	99.60	100.10	0.50	0.0530	0.0230	0.0120
101.18	109.20	MD, Mafic Dike same as unit observed above from 97.11 to 97.90m. local fracturing, broken and/or fractured upper and lower contacts.							

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Detailed Lithology

From (m)	To (m)	Lithology
109.20	150.75	UM, Ultramafic same as units observed above from 64.54 to 97.11m and 97.90 to 101.18m. 142 - 143.25m: badly fractured core 148.45 - 148.60m: fractured core 148.76 - 149.74m: 1-3% disseminated flecks / blebs of pyrrhotite 150.30 - 150.75m: 3-5% medium grained disseminated blebs of pyrrhotite broken lower contact at 150.75 Mineralization 148.76 - 149.74 : PO Pyrrhotite, DIS Disseminated, 3% blebby 150.30 - 150.75 : PO Pyrrhotite, DIS Disseminated, 5% above litho contact in UMAF, blebby Structure 113.06 - 113.08 : FOL Foliated, 45 Deg to CA 118.40 - 119.24 122.17 - 122.18 : FOL Foliated, 43 Deg to CA 125.84 - 125.85 : FOL Foliated, 48 Deg to CA 127.88 - 127.89 : FOL Foliated, 50 Deg to CA 130.60 - 131.00 134.62 - 134.63 : FOL Foliated, 42 Deg to CA 137.13 - 137.14 : FOL Foliated, 45 Deg to CA 141.60 - 143.20 145.37 - 146.30 148.35 - 148.60 MINOR INTERVALS: Minor Interval: 131.61 - 132.34 GAB, Gabbro Lamprophyre dyke: grey in colour, fine grained, homogenous texture, coarse clots of biotite - 20%, sharp UC @ 88deg to the LCA, sharp LC @ 43deg to the LCA, competent core, nil sulphides Minor Interval: 132.73 - 133.02 GAB, Gabbro Lamprophyre dyke: same as unit above from 131.61 - 132.34m. distinct UC at 50deg to the LCA, indistinct LC - badly broken core. Minor Interval: 148.76 - 149.74 SULF, Sulfide medium grained disseminations of pyrrhotite up to 3% concentration

Assay Data

Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
PG05294	141.40	148.76	7.36	0.1230	0.0320	0.0140
PG05295	148.76	149.20	0.44	0.1740	0.0700	0.0160
PG05296	149.20	149.74	0.54	0.1410	0.0460	0.0150
PG05297	149.74	150.30	0.56	0.0970	0.0190	0.0140
PG05298	150.30	150.74	0.44	0.2780	0.1770	0.0210
PG05299	150.74	151.20	0.46	0.0320	0.0220	0.0050

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Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		MINOR INTERVALS: Minor Interval: 150.3 - 150.75 SULF, Sulfide same as mineralized zone above, 5% medium grained disseminated pyrrhotite immediately above the UMAF / GABB interface.							
150.75	151.90	GAB, Gabbro grey in colour, medium grained, fractured core Contractor (Geodrilling A/S) aborted the hole at 151.90 because of persistent mechanical failures and freezing waterline problems. Structure 151.24 - 151.26 gouge							
151.90	151.91	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type ASSAY					
PG05291	99.00	99.30	0.0640	0.0190	0.0110
PG05292	99.30	99.60	0.0600	0.0270	0.0130
PG05293	99.60	100.10	0.0530	0.0230	0.0120
PG05294	141.40	148.76	0.1230	0.0320	0.0140
PG05295	148.76	149.20	0.1740	0.0700	0.0160
PG05296	149.20	149.74	0.1410	0.0460	0.0150
PG05297	149.74	150.30	0.0970	0.0190	0.0140
PG05298	150.30	150.74	0.2780	0.1770	0.0210
PG05299	150.74	151.20	0.0320	0.0220	0.0050