

Hole Number: ES07-110

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -50.00
Project Number: 201	North: 6801370.00	North: 61.34	Collar Az: 230.00
Location: Surface	East: 534978.00	East: 9.65	Length: 77.83 (m)
	Elev: 991.00	Elev: 991.00	Start Depth: 0.00 (m)
Date Started: Oct 11, 2007	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Oct 12, 2007	Multishot Survey: N	Hole Size: TT46	Core Storage: Tyrstrand
Logged By: rdnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 77.83 (m)

Comments: Target: North-Western most hole of Stormyra project to extend Ni-Cu Gradt-Thickness Contour. 3 zones of mineralization, 29.42-29.55, 13 cm band of 25% sulphides. 15% Po 8% Cpy 2% Pn in textures ranging from net-like to veins. Trace mineralization in rest of unit. 35.30-35.37 & 35.48-35.57 80% Po w/15% Pn 'eyes' 5% Cpy. Trace mineralization in rest of unit.

Sample Averages

Average Type	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
WEIGHTED	29.26	35.57	6.31	0.2142	0.0688	0.0088
WEIGHTED	34.74	35.57	0.83	1.2918	0.4051	0.0428

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	4.30	O/B, Overburden Over-Burden							
4.30	7.22	ANOR, Anorthosite Anorthosite Med. to light grey. 1-3mm thin layers with leuco to melacratic zones. Evidence of moderate shearing as layers are warped. Banding slightly oblique to Core Axis. Heavy Chlorite Alteration. 2-3% mafic content. Alteration 4.30 - 7.21 :CHL Chlorite, BN Banded, S Strong heavy Chlorite alteration Structure 4.30 - 7.21 Moderately sheared 4.90 - 5.00 Heavily fragmented 5.50 - 5.60 Heavily fragmented 6.10 - 6.30 Heavily fragmented							

Hole Number: ES07-110

Units: METRIC

Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
7.22	18.30	MD, Mafic Dike Mafic Dyke Gradational contact to mafic dyke. Dark green to black. Very thin felsic bands intermittent. Mainly pyroxenite with possible olivine. Homogenous. Competent. No mineralization. Texture 7.22 - 18.30 : HOMO Homogeneous Structure 7.22 - 18.30							
18.30	28.58	ANOR, Anorthosite Anorthosite Colour varies from white-grey to dark green in localities. Mainly plag. with some quartz. 5-10% mafics consisting of pyroxenes. No foliation. Chlorite alteration? Qtz appears in stringers or blebs. No mineralization. Alteration 18.30 - 28.58 :CHL Chlorite, H Patchy, M Moderate Moderate Chlorite alteration	PG05501	27.80	28.80	1.00	0.0050	0.0270	0.0040
28.58	29.55	MD, Mafic Dike Mafic Dyke green to dark green. Sharp contacts. 2-3% felsic content. 13 cm band of 25% sulphides. Trace mineralization in rest of unit. Mineralization 29.42 - 29.55 : Cpy Chalcopyrite, VN Veins, 8% 29.42 - 29.55 : PO Pyrrhotite, VN Veins, 15% net-like to veins 29.42 - 29.55 : PN Pentlandite, E Eyes, 2% in massive Po MINOR INTERVALS: Minor Interval: 29.42 - 29.55 SULF, Sulfide Sulphides 13 cm band of sulphides. 15% Po 8% Cpy 2% Pn. Textures range from net-like to veins.	PG05502	28.80	29.26	0.46	0.0090	0.0090	0.0060
			PG05503	29.26	29.56	0.30	0.8110	0.2550	0.0320
29.55	35.17	ANOR, Anorthosite Anorthosite Strongly banded between mafics and felsics. Bands range from 1-4mm. Alternates btw. plagioclase and pyroxenes. Could also be called a leucogabbri. Banding is perp. to Core Axis. Chlorite alteration. Sharp upper and lower contacts.	PG05504	29.56	30.05	0.49	0.0160	0.0080	0.0030
			PG05505	30.05	31.05	1.00	0.0170	0.0090	0.0050
			PG05506	33.77	34.74	0.97	0.0120	0.0090	0.0040
			PG05507	34.74	35.27	0.53	0.2910	0.0570	0.0110

Hole Number: ES07-110

Units: METRIC

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
35.17	35.57	SMS, Semi Massive Sulphide Semi-Massive Sulphides 35.17-35.57 Mineralized zone. 2 Zones (35.30-35.37 & 35.48-35.57) of massive sulphides. 80% Po w/ 15% Pn 'eyes' 5% Cpy. Separated by barren mafic dyke between zones. Mineralization 35.30 - 35.37 : PN Pentlandite, E Eyes, 15% 35.48 - 35.57 : Cpy Chalcopyrite, PAT Patchy, 5% 35.48 - 35.57 : PO Pyrrhotite, SM Semi-Massive, 80% 35.30 - 35.37 : Cpy Chalcopyrite, PAT Patchy, 5% 35.30 - 35.37 : PO Pyrrhotite, SM Semi-Massive, 80% 35.48 - 35.57 : PN Pentlandite, E Eyes, 15%	PG05508	35.27	35.57	0.30	3.0600	1.0200	0.0990
35.57	37.87	ANOR, Anorthosite Anorthosite Colour varies from white-grey to dark green in localities. Mainly plag. with some quartz. 5-10% mafics consisting of pyroxenes. No foliation. Chlorite alteration? Qtz appears in stringers or blebs. No mineralization Alteration 35.57 - 37.87 :CHL Chlorite, B Banded, M Moderate Chlorite alteration	PG05509	35.57	36.08	0.51	0.0150	0.0025	0.0050
			PG05510	36.08	37.08	1.00	0.0350	0.0170	0.0050
37.87	46.25	MD, Mafic Dike Mafic Dyke Green to Dark Green. Homogenous. Mainly Pyroxenes. 2-3% felsic content. Trace mineralization following weak foliation.							
46.25	77.82	ANOR, Anorthosite Anorthosite Very similar to 35.57 to 37.87 but with slightly more mafic content. Mottled appearance between white grey and shades of green. No mineralization.							
77.82	77.83	EOH, End of Hole End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG05501	27.80	28.80	0.0050	0.0270	0.0040
PG05502	28.80	29.26	0.0090	0.0090	0.0060
PG05503	29.26	29.56	0.8110	0.2550	0.0320
PG05504	29.56	30.05	0.0160	0.0080	0.0030
PG05505	30.05	31.05	0.0170	0.0090	0.0050
PG05506	33.77	34.74	0.0120	0.0090	0.0040
PG05507	34.74	35.27	0.2910	0.0570	0.0110
PG05508	35.27	35.57	3.0600	1.0200	0.0990

Hole Number: ES07-110

Units: METRIC

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type ASSAY					
PG05509	35.57	36.08	0.0150	0.0025	0.0050
PG05510	36.08	37.08	0.0350	0.0170	0.0050