

Hole Number: ES07-114

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -50.00
Project Number: 201	North: 6801250.00	North: 61.34	Collar Az: 230.00
Location: Stormyra	East: 535150.00	East: 9.66	Length: 86.83 (m)
	Elev: 981.20	Elev: 981.20	Start Depth: 0.00 (m)
Date Started: Oct 15, 2007	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Oct 16, 2007	Multishot Survey: N	Hole Size: TT46	Core Storage: Tyrstrand
Logged By: rdnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 86.83 (m)

Comments: Target: In Fill drilling on section 11450E to better define the shallow depth grade thickness contour.

## Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	2.13	O/B, Overburden							
2.13	33.30	ANOR, Anorthosite	PG05557	17.05	17.55	0.50	0.0060	0.0100	0.0040
		Anorthosite	PG05558	17.55	18.09	0.54	0.0025	0.0090	0.0040
		White to pale green. Upper portions are thinly banded with 1-3mm bands of mafic minerals. Main unit contains small amount of quartz as well as green mineral phase, chlorite?. Upper 10 m is heavily fractured along moderate foliation plane. Several 70cm to 1m mafic to ultramafic dykes cutting anortho which are light green to black and fine grained. Dykes displaying moderately sharp boundaries, shearing has distorted texture.	PG05559	18.09	18.59	0.50	0.0050	0.0025	0.0010
		Texture	PG05561	31.82	32.82	1.00	0.0120	0.0110	0.0010
		2.13 - 8.80 : BC Broken Core	PG05562	32.82	33.33	0.51	0.0470	0.1180	0.0050
		Structure							
		2.13 - 8.80							
		Heavily Fractured							
		MINOR INTERVALS:							
		Minor Interval:							
		17.55 - 18.09 SULF, Sulfide							
		1% Disseminated Sulphides hosted in gabbroic dyke. Fine grained blebs of Po.							

Hole Number: ES07-114

Units: METRIC

Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
33.30	44.61	MD, Mafic Dike Mafic Dyke Gabbroic in composition, pale green to dark green. Fine grained homogenous, competent. Moderately foliated. Semi-massive sulphides from 33.33 to 33.62. 70% Sulphides. 70% Po 10% Cpy 20% Pn Po is strong net-like structure with Pn eyes and blebs and patches of Cpy. Hosted in fine grained felsics. Schistose texture. Mineralization 33.33 - 33.62 : Cpy Chalcopyrite, BB Blebby, 10% 33.33 - 33.62 : PO Pyrrhotite, Net Net Textured, 70% 33.33 - 33.62 : PN Pentlandite, EY Eyes, 20% MINOR INTERVALS: Minor Interval: 33.33 - 33.62 SMS, Semi Massive Sulphide Semi-massive Sulphides 70% Sulphides hosted in fg felsics. 70% Semi-massive Po 20% Pn eyes 10% Blebby Cpy. Right at anorthosite/mafic dyke boundary. Mineralization 33.33 - 33.62 : PN Pentlandite, E Eyes, 20% 33.33 - 33.62 : Cpy Chalcopyrite, BL Blebby, 10% 33.33 - 33.62 : PO Pyrrhotite, SM Semi-Massive, 70%	PG05563	33.33	33.62	0.29	3.8300	1.2100	0.1140
			PG05564	33.62	34.11	0.49	0.0260	0.0250	0.0040
			PG05565	34.11	35.06	0.95	0.0025	0.0110	0.0050
			PG05566	35.06	36.00	0.94	0.0025	0.0140	0.0040
			PG05567	36.00	37.00	1.00	0.0025	0.0100	0.0050
44.61	50.36	ANOR, Anorthosite							
50.36	54.77	MD, Mafic Dike Mafic Dyke Green to dark green, fg gabbroic competent rock. Very Homogenous. No Sulphides.							
54.77	59.45	ANOR, Anorthosite Anorthosite Chalky white to pale green coarse grained impure anorthosite with small bands of mafic content. Poorly foliated heterogenous. No sulphides.							
59.45	60.98	MD, Mafic Dike Mafic Dyke Very similar to 50.36-54.77. Green mafic homogenous competent fg rock.							
60.98	80.02	ANOR, Anorthosite Anorthosite White to pale green Anorthosite with chlorite alteration forming mm wide bands. Homogenous. Coarse grained. Sharp contact with lower mafic dyke. No Sulphides.							
80.02	86.00	MD, Mafic Dike Mafic Dyke Pale green to dark green. Fine grained and tightly foliated. Gabbroic composition. Homogenous and competent. No Sulphides.							
86.00	86.82	ANOR, Anorthosite Same as 60.98-80.02							

Hole Number: ES07-114

Units: METRIC

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
86.82	86.83	EOH, End of Hole							

## Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG05557	17.05	17.55	0.0060	0.0100	0.0040
PG05558	17.55	18.09	0.0025	0.0090	0.0040
PG05559	18.09	18.59	0.0050	0.0025	0.0010
PG05561	31.82	32.82	0.0120	0.0110	0.0010
PG05562	32.82	33.33	0.0470	0.1180	0.0050
PG05563	33.33	33.62	3.8300	1.2100	0.1140
PG05564	33.62	34.11	0.0260	0.0250	0.0040
PG05565	34.11	35.06	0.0025	0.0110	0.0050
PG05566	35.06	36.00	0.0025	0.0140	0.0040
PG05567	36.00	37.00	0.0025	0.0100	0.0050