

Hole Number: ES07-120

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -50.00
Project Number: 201	North: 6801211.00	North: 61.34	Collar Az: 230.00
Location: Stormyra	East: 535260.00	East: 9.66	Length: 140.26 (m)
	Elev: 971.00	Elev: 971.00	Start Depth: 0.00 (m)
Date Started: Oct 31, 2007	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Nov 01, 2007	Multishot Survey: N	Hole Size: TT46	Core Storage: Tyrstrand
Logged By: rdnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 140.26 (m)

Comments: Target: Drilled to better define the upper portion of the grade-thickness contour.

Results: Two zones of mineralization: 50cm of 10% blebby Cpy and 5% blebby Po and 5% Pn at 54.2m and 1.3m of semi massive Sulphides with 45% Po and 15% eyes and blebs of Pn and 15% Cpy.

## Sample Averages

Average Type	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
WEIGHTED	54.22	56.04	1.82	3.2671	1.2489	0.1081
WEIGHTED	54.83	55.72	0.89	4.4500	1.1796	0.1334

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	1.71	O/B, Overburden Over Burden							
1.71	3.08	ANOR, Anorthosite Anorthosite White to green banded anortho. with mm scale bands of mafics. Intermingled mafics and anortho., giving gabbro appearance.							
3.08	4.49	MD, Mafic Dike Mafic dyke Green to dark green gabbroic dyke. Moderately foliated with thin elongate plag. grains Sharp upper and lower contacts. <1% diss. sulphides.	PG05625	3.08	3.76	0.68	0.0050	0.0080	0.0040
			PG05626	3.76	4.45	0.69	0.0020	0.0110	0.0030
4.49	21.47	ANOR, Anorthosite Anorthosite White to dark grey anorthosite. Much brecciation with quartz interstitial. Intermixed with mafic and ultramafic stringers. Ultramafics are pyroxenites. Abundant green alteration, likely chlorite and epidote. Slightly banded to mottled texture. Texture 4.49 - 21.47 : BX Brecciated Alteration 4.49 - 21.47 :EP Epidote, MO Mottled, M Moderate							
21.47	24.96	MD, Mafic Dike Mafic Dyke Green to dark green fg gabbroic dyke. Sharp upper and lower contact. Weak to moderate foliation. Bleached towards contacts.							

Hole Number: ES07-120

Units: METRIC

Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
24.96	26.18	ANOR, Anorthosite Anorthosite White to greenish/grey anorthosite. Predominantly plag. with quartz and fuchsite. Massive to slightly banded texture. Texture 24.96 - 26.18 : MASS Massive Massive plag.							
26.18	40.04	MD, Mafic Dike Mafic Dyke Green to dark green fg gabbroic dyke. Massive to weakly foliated. Very distinct red alteration at 37-38 m. Bleached towards lower contact.							
40.04	54.22	ANOR, Anorthosite Anorthosite White to grey to dull orange banded impure anorthosite. Mottled to banded texture with small ultramafic stingers. Lower portion is orangey brown plag.	PG05627	48.80	49.80	1.00	0.0150	0.1760	0.0020
			PG05628	49.80	50.33	0.53	0.0100	0.0025	0.0030
			PG05629	50.33	50.63	0.30	0.1200	0.1970	0.0090
			PG05630	50.63	51.09	0.46	0.0050	0.0025	0.0010
			PG05631	51.09	52.07	0.98	0.0110	0.0090	0.0005
			PG05632	52.07	52.71	0.64	0.0100	0.0140	0.0005
			PG05633	52.71	53.71	1.00	0.0040	0.0025	0.0005
			PG05634	53.71	54.22	0.51	0.0040	0.0025	0.0005
54.22	57.38	MD, Mafic Dike Mafic Dyke Grey/green fg mafic dyke. 54.22-54.74 contains 20% Sulphs. 50% blebby Cpy 25% blebby Po 25% blebby Pn. 54.74-56.00 contains 75% Sulphs. 60% net-text. Po with 20% eyes of Pn and 20% blebby Cpy. MINOR INTERVALS: Minor Interval: 54.22 - 54.74 SULF, Sulfide 20% Sulphs. 50% blebby Cpy with 25% blebby Po and Pn. Mineralization 54.22 - 54.74 : PN Pentlandite, BL Blebby, 25% 54.22 - 54.74 : Cpy Chalcopyrite, BL Blebby, 50% 54.22 - 54.74 : PO Pyrrhotite, BL Blebby, 25% Minor Interval: 54.74 - 56 SMS, Semi Massive Sulphide Semi-massive Sulphs. 75% Sulphs. Strong net-textured. 60% net-text. Po with 20% eyes and blebs of Pn and 20% Cpy. Mineralization 54.74 - 56.00 : Cpy Chalcopyrite, BB Blebby, 20% 54.74 - 56.00 : PO Pyrrhotite, Net Net Textured, 60% 54.74 - 56.00 : PN Pentlandite, E Eyes, 20%	PG05635	54.22	54.53	0.31	1.7390	1.3280	0.0610
			PG05636	54.53	54.83	0.30	1.8790	1.2790	0.0790
			PG05637	54.83	55.12	0.29	4.3870	1.1880	0.1310
			PG05638	55.12	55.42	0.30	4.3410	1.0770	0.1340
			PG05639	55.42	55.72	0.30	4.6200	1.2740	0.1350
			PG05641	55.72	56.04	0.32	2.7590	1.3370	0.1110
			PG05642	56.04	56.54	0.50	0.0190	0.0160	0.0040
			PG05643	56.54	57.04	0.50	0.0110	0.0150	0.0040
			PG05644	57.04	58.04	1.00	0.0060	0.0060	0.0030

Hole Number: ES07-120

Units: METRIC

Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
57.38	140.25	ANOR, Anorthosite Anorthosite Typical banded anorthosite with mafic bands. Distinct red alteration present. Textures ranging from massive to banded with some mottled.							
140.25	140.26	EOH, End of Hole							

## Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG05625	3.08	3.76	0.0050	0.0080	0.0040
PG05626	3.76	4.45	0.0020	0.0110	0.0030
PG05627	48.80	49.80	0.0150	0.1760	0.0020
PG05628	49.80	50.33	0.0100	0.0025	0.0030
PG05629	50.33	50.63	0.1200	0.1970	0.0090
PG05630	50.63	51.09	0.0050	0.0025	0.0010
PG05631	51.09	52.07	0.0110	0.0090	0.0005
PG05632	52.07	52.71	0.0100	0.0140	0.0005
PG05633	52.71	53.71	0.0040	0.0025	0.0005
PG05634	53.71	54.22	0.0040	0.0025	0.0005
PG05635	54.22	54.53	1.7390	1.3280	0.0610
PG05636	54.53	54.83	1.8790	1.2790	0.0790
PG05637	54.83	55.12	4.3870	1.1880	0.1310
PG05638	55.12	55.42	4.3410	1.0770	0.1340
PG05639	55.42	55.72	4.6200	1.2740	0.1350
PG05641	55.72	56.04	2.7590	1.3370	0.1110
PG05642	56.04	56.54	0.0190	0.0160	0.0040
PG05643	56.54	57.04	0.0110	0.0150	0.0040
PG05644	57.04	58.04	0.0060	0.0060	0.0030