

DETAILED LOG

Hole Number: ES07-121

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -73.00
Project Number: 201	North: 6801211.00	North: 61.34	Collar Az: 230.00
Location: Stormyra	East: 535260.00	East: 9.66	Length: 120.71 (m)
	Elev: 971.00	Elev: 971.00	Start Depth: 0.00 (m)
Date Started: Nov 02, 2007	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed:	Multishot Survey: N	Hole Size: TT46	Core Storage: Tyrstrand
Logged By: rdnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 120.71 (m)

Comments: Target: In fill drilling on 11550E, between ES05-20 and ES04-09.
 Result: 30cm of 20% Sulphides with 15% semi massive Po, 5% veiny Pn at 58.5m and 30cm of 30% Sulphides with 22.5% semi massive Po, 6% patchy eyes of Pn and 1.5% veiny, blebby Cpy at 63.8m hosted in ultramafic stringer within Anorthosite.

Sample Averages

Average Type	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
WEIGHTED	58.00	58.80	0.80	0.6788	0.1328	0.0220
WEIGHTED	58.00	64.06	6.06	0.2503	0.0820	0.0101
WEIGHTED	62.03	64.06	2.03	0.4525	0.1858	0.0204

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	1.37	O/B, Overburden							
1.37	17.42	ANOR, Anorthosite Anorthosite White to grey/green anorthosite. Heavily banded with mafics. Core is incompetent. Where heavily banded it is very gabbro-like in composition. Several alterations present, reddish as well as chlorite and epidote. Texture 1.37 - 17.42 : HETR Heterogeneous							
17.42	33.50	MD, Mafic Dike Mafic Dyke Green fg homogenous gabbroic dyke. Competent. Few felsic elongate grains. No sulphides.							

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
33.50	80.18	ANOR, Anorthosite	PG05645	57.00	58.00	1.00	0.0570	0.0870	0.0030
		ANOR, Anorthosite	PG05646	58.00	58.50	0.50	0.3150	0.2010	0.0130
		58.5-58.8 20% Sulphides: 15% semi massive Pyrrhotite, 5% veiny Pentlandite	PG05647	58.50	58.80	0.30	1.2850	0.0190	0.0370
		63.8-64.1 30% Sulphides: 22.5% semi massive Pyrrhotite, 6% patchy eyes of Pentlandite, 1.5% veiny, blebby Chalkopyrite	PG05648	58.80	59.35	0.55	0.0050	0.0025	0.0005
		Sulphides hosted in ultramafic stringer w/in Anorthosite.	PG05649	59.35	60.34	0.99	0.0050	0.0025	0.0005
			PG05650	60.34	61.18	0.84	0.0270	0.0090	0.0010
			PG05651	61.18	62.03	0.85	0.0290	0.0025	0.0005
			PG05652	62.03	62.33	0.30	0.5050	0.1500	0.0300
			PG05653	62.33	62.81	0.48	0.1740	0.0750	0.0140
			PG05654	62.81	63.75	0.94	0.0270	0.0210	0.0030
			PG05655	63.75	64.06	0.31	2.1230	0.8920	0.0740
			PG05656	64.06	64.73	0.67	0.1130	0.1070	0.0060
			PG05657	64.73	65.41	0.68	0.0160	0.0060	0.0030
			PG05658	65.41	66.10	0.69	0.0500	0.0270	0.0040
			PG05659	66.10	66.40	0.30	0.3740	0.0880	0.0110
			PG05660	66.40	66.90	0.50	0.0130	0.0080	0.0010
			PG05661	66.90	67.89	0.99	0.0030	0.0025	0.0005
80.18	85.30	MD, Mafic Dike							
85.30	120.70	ANOR, Anorthosite							
		ANOR, Anorthosite							
		Banded white grey alteration. With ultramafic stringers.							
120.70	120.71	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG05645	57.00	58.00	0.0570	0.0870	0.0030
PG05646	58.00	58.50	0.3150	0.2010	0.0130
PG05647	58.50	58.80	1.2850	0.0190	0.0370
PG05648	58.80	59.35	0.0050	0.0025	0.0005
PG05649	59.35	60.34	0.0050	0.0025	0.0005
PG05650	60.34	61.18	0.0270	0.0090	0.0010
PG05651	61.18	62.03	0.0290	0.0025	0.0005
PG05652	62.03	62.33	0.5050	0.1500	0.0300
PG05653	62.33	62.81	0.1740	0.0750	0.0140
PG05654	62.81	63.75	0.0270	0.0210	0.0030
PG05655	63.75	64.06	2.1230	0.8920	0.0740
PG05656	64.06	64.73	0.1130	0.1070	0.0060
PG05657	64.73	65.41	0.0160	0.0060	0.0030
PG05658	65.41	66.10	0.0500	0.0270	0.0040

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Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type ASSAY					
PG05659	66.10	66.40	0.3740	0.0880	0.0110
PG05660	66.40	66.90	0.0130	0.0080	0.0010
PG05661	66.90	67.89	0.0030	0.0025	0.0005