

DETAILED LOG

Hole Number: ES07-123

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -75.00
Project Number: 201	North: 6801162.00	North: 61.34	Collar Az: 230.00
Location: Stormyra	East: 535278.00	East: 9.66	Length: 121.45 (m)
	Elev: 978.00	Elev: 978.00	Start Depth: 0.00 (m)
Date Started: Nov 06, 2007	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed:	Multishot Survey: N	Hole Size: TT46	Core Storage:
Logged By: rdnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 121.45 (m)

Comments: Target: Test 30m up dip of ES05-19

Result: 30cm 5% Sulphides at 51.6m, 60cm with 10% Sulphides at 51.9m, 50cm of 25% Sulphides at 52.5m, 90cm of 50% Sulphides at 53.0m and 30cm of 5% Sulphides at 53.3m.

Sample Averages

Average Type	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
WEIGHTED	51.60	53.30	1.70	0.7361	0.2895	0.0282

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	6.18	O/B, Overburden O/B, Overburden							
6.18	18.64	MD, Mafic Dyke MD, Mafic Dyke heavily broken							
18.64	30.03	ANOR, Anorthosite							
30.03	42.00	MD, Mafic Dyke							
42.00	51.59	ANOR, Anorthosite	PG05688	49.87	50.87	1.00	0.0040	0.0025	0.0005
			PG05689	50.87	51.60	0.73	0.0060	0.0120	0.0005

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
51.59	53.60	UM, Ultramafic	PG05690	51.60	51.90	0.30	0.3500	0.1970	0.0140
		UM, Ultramafic Dyke	PG05691	51.90	52.20	0.30	0.8840	0.3490	0.0300
		with mineralization:	PG05692	52.20	52.50	0.30	0.5210	0.2620	0.0210
		51.6-51.9m 5% Sulphides: 3.3% wispy Pyrite, 1.7% Chalkopyrite	PG05693	52.50	53.00	0.50	0.5610	0.3070	0.0270
		51.9-52.2m 10% Sulphides: 8% veiny Po, 1% veinyCpy, 1% Pn	PG05694	53.00	53.30	0.30	1.4810	0.3210	0.0500
		52.2-52.5m 10% veiny Sulphides: 8% Po, 1% Cpy, 1% Pn	PG05695	53.30	53.60	0.30	0.0950	0.1460	0.0050
		52.5-53.0m 25% Sulphides: 23.8% elongate veins Po, 1.1% patchy Cpy							
		53.0-53.3m 50% Sulphides: 40% semi massive Po, 5% blebby Cpy, 5% Pn eyes							
		53.3-53.6m 5% Sulphides: 5% Cpyin one patch							
		Mineralization							
		51.90 - 52.20 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, VN Veins, 10%							
		8% Po, 1% Cpy, 1% Pn							
		52.50 - 53.00 : PO Pyrrhotite, VN Veins, 25%							
		23.8% elongate veins Po, 1.2% patchy Cpy							
		53.30 - 53.60 : Cpy Chalcopyrite, PAT Patchy, 5%							
		5% Cpy in one patch							
		51.59 - 51.90 : PO Pyrrhotite, ws wisps, 5%							
		3.3% wispy Po, 1.7% wispy Cpy							
		52.20 - 52.50 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, VN Veins, 10%							
		8% Po, 1% Cpy, 1% Pn							
		53.00 - 53.30 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, BL Blebby, 50%							
		40% semi massive Po, 5% blebby Cpy, 5% Pn eyes							
53.60	57.54	ANOR, Anorthosite	PG05696	53.60	54.11	0.51	0.0140	0.0080	0.0020
			PG05697	54.11	55.10	0.99	0.0150	0.0220	0.0020
			PG05698	55.10	55.60	0.50	0.0160	0.0070	0.0060
57.54	66.32	MD, Mafic Dike							
66.32	74.84	ANOR, Anorthosite							
74.84	75.75	MD, Mafic Dike							
75.75	86.62	ANOR, Anorthosite							
86.62	93.32	MD, Mafic Dike							
93.32	121.44	ANOR, Anorthosite							
121.44	121.45	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG05688	49.87	50.87	0.0040	0.0025	0.0005
PG05689	50.87	51.60	0.0060	0.0120	0.0005
PG05690	51.60	51.90	0.3500	0.1970	0.0140

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PG05694	53.00	53.30	1.4810	0.3210	0.0500
PG05695	53.30	53.60	0.0950	0.1460	0.0050
PG05696	53.60	54.11	0.0140	0.0080	0.0020
PG05697	54.11	55.10	0.0150	0.0220	0.0020
PG05698	55.10	55.60	0.0160	0.0070	0.0060