

Hole Number: ES07-124

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -80.00
Project Number: 201	North: 6801240.00	North: 61.34	Collar Az: 230.00
Location: Stormyra	East: 535370.00	East: 9.66	Length: 181.51 (m)
	Elev: 968.00	Elev: 968.00	Start Depth: 0.00 (m)
Date Started: Nov 10, 2007	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Nov 12, 2007	Multishot Survey: N	Hole Size: TT46	Core Storage: Tyrstrand
Logged By: awnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 181.51 (m)

Comments: Target: Test 60m down dip of ES2005-18 (no mineralization) on 11600E.
Results: Didn't really hit anything. No continuation of ES2005-18. Dies out somewhere in between.

Sample Averages

Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	18.00	O/B, Overburden O/B, Overburden green mafic Dyke with a 10cm band of Anorthosite. strongly broken up pieces							
18.00	20.00	MD, Mafic Dyke MD, Mafic Dyke about 80% green fine grained Pyroxene/serpentine, 20% fine grained Plagioclase contact to Anorthosite gradational with more and more Plagioclase.							
20.00	67.50	ANOR, Anorthosite ANOR, Anorthosite white/light green/light grey heterogenous Anorthosite with a 1.1m mafic Dyke at 20.7m. Contacts to the mafic Dyke are sharp at almost 90 CA. Mafic Dyke RQD 40%. The Anorthosite consists of about 75-80% Plagioclase, in places banded at 70-85 CA, in places mottled looking and 15-30% chlorite, Epidote and from 33.7m on some purplish hematite or limonite? Lots of fractures at 45-50 CA, a few at 20 CA. Anorthosite RQD 75%. Structure 36.20 - 36.70 lots of broken pieces, one is about 10 cm the others are in between 1 and 2cm 37.00 - 37.40 lots of broken pieces, none bigger than 3cm							
67.50	72.50	MD, Mafic Dyke MD, Mafic Dyke Green, fine grained mafic dyke with 80% fine grained Pyroxene and 20% fine grained Plagioclase. Contacts at 85CA.							

Hole Number: ES07-124

Units: METRIC

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
72.50	181.50	ANOR, Anorthosite	PG05699	124.50	125.00	0.50	0.0040	0.0025	0.0005
		ANOR, Anorthosite	PG05701	125.00	125.60	0.60	0.0060	0.0350	0.0005
		White, grey, green in places reddish in color. Texture is alternating in between mottled, brecciated, lensoid banded and banded at 85-90 CA. It consists of 70% Plagioclase, 15% Chlorite and/or Epidote and/or Hematite/Ankerite (red)? alterations.	PG05702	125.60	125.85	0.25	0.0150	0.0870	0.0080
		72.5-99.62m up to 20cm stringers of mafic dykes (at 74.8, 76.4, 77.0, 79.6, 99.6 and 82.0m)	PG05703	125.85	126.40	0.55	0.0110	0.0050	0.0020
		102m a 2.7m band of mafic dyke	PG05704	126.40	127.00	0.60	0.0060	0.0025	0.0005
		105.0-133.2m 1-30cm bands of mafic dykes and ultramafic dykes							
		133.2-181.5m 0.05 to 1.5m mafic dykes with contacts at 85-90CA, some at 75CA							
		133.2-181.5m white, grey, green Anorthosite with strong lensoid banded Chlorite alteration							
		Mineralization:							
		117.20-117.23 4% Sulphides: 2% veiny Pyrrhotite, 2% veiny Chalkopyrite in mafic dyke							
		118.78-118.80 4% Sulphides: 3% veiny Pyrrhotite, 1% veiny Chalkopyrite in mafic dyke							
		125.60-125.85 5% Sulphides: 5% veiny Pyrite +/- Pyrrhotite							
		Mineralization							
		117.20 - 117.23 : PO Pyrrhotite, VN Veins, 4%							
		2% veiny Pyrrhotite, 2% veiny Chalkopyrite							
		125.60 - 125.85 : PY Pyrite, VN Veins, 5%							
		5% veiny Pyrite +/- Pyrrhotite							
		118.78 - 118.81 : PO Pyrrhotite, VN Veins, 4%							
		3% veiny Pyrrhotite, 1% veiny Chalkopyrite							
		Alteration							
		110.70 - 133.20 :CHL Chlorite, BN Banded, S Strong							
		strong dark green chlorite, grass green Epidote , red Hematite/Ankerite in parts banded in parts lensoid banded alteration							
		72.50 - 110.70 :CHL Chlorite, BN Banded, S Strong							
		strong banded chlorite alteration							
		Structure							
		73.10 - 73.10 : Frct Fracture, 50 Deg to CA							
		73.40 - 73.40 : Frct Fracture, 50 Deg to CA							
		75.10 - 75.10 : Frct Fracture, 50 Deg to CA							
		75.20 - 75.20 : Frct Fracture, 50 Deg to CA							
		75.50 - 75.50 : Frct Fracture, 45 Deg to CA							
		75.80 - 75.80 : Frct Fracture, 50 Deg to CA							
		83.40 - 83.40 : Frct Fracture, 45 Deg to CA							
		83.80 - 83.80 : Frct Fracture, 50 Deg to CA							
		96.20 - 96.20 : Frct Fracture, 50 Deg to CA							
		96.30 - 96.30 : Frct Fracture, 45 Deg to CA							
		99.70 - 99.70 : Frct Fracture, 50 Deg to CA							
		102.10 - 102.10 : Frct Fracture, 50 Deg to CA							
		102.12 - 102.12 : Frct Fracture, 50 Deg to CA							

DETAILED LOG

Hole Number: ES07-124

Units: METRIC

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure							
		103.70 - 103.70 : Frct Fracture, 45 Deg to CA							
		106.90 - 106.90 : Frct Fracture, 50 Deg to CA							
		121.40 - 121.40 : Frct Fracture, 50 Deg to CA							
		121.43 - 121.43 : Frct Fracture, 50 Deg to CA							
		121.46 - 121.46 : Frct Fracture, 50 Deg to CA							
		121.95 - 121.95 : Frct Fracture, 45 Deg to CA							
		121.97 - 121.97 : Frct Fracture, 50 Deg to CA							
		167.90 - 167.90 : Frct Fracture, 5 Deg to CA							
		168.15 - 168.15 : Frct Fracture, 45 Deg to CA							
		174.90 - 174.90 : Frct Fracture, 50 Deg to CA							
		177.30 - 177.30 : Frct Fracture, 50 Deg to CA							
		177.45 - 177.45 : Frct Fracture, 55 Deg to CA							
		179.85 - 179.85 : Frct Fracture, 55 Deg to CA							
		180.10 - 180.10 : Frct Fracture, 45 Deg to CA							
		180.60 - 180.60 : Frct Fracture, 50 Deg to CA							
		180.95 - 180.95 : Frct Fracture, 45 Deg to CA							
181.50	181.51	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG05699	124.50	125.00	0.0040	0.0025	0.0005
PG05701	125.00	125.60	0.0060	0.0350	0.0005
PG05702	125.60	125.85	0.0150	0.0870	0.0080
PG05703	125.85	126.40	0.0110	0.0050	0.0020
PG05704	126.40	127.00	0.0060	0.0025	0.0005