

Hole Number: ES08-157

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -80.00
Project Number: 201	North: 6803280.00	North: 61.36	Collar Az: 230.00
Location: Surface	East: 534597.00	East: 9.65	Length: 59.61 (m)
	Elev: 862.00	Elev: 862.00	Start Depth: 0.00 (m)
Date Started: May 27, 2008	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: May 28, 2008	Multishot Survey: N	Hole Size: BQ	Final Depth: 59.61 (m)
Logged By: pmnor	Pulse EM Survey: N	Casing: Left in Hole	Core Storage: tyristrand

Comments: Down-dip extension of ES08-158. Hole contains mostly anorthosite with mafic to ultramafic dikes.

Results:

Mineralized Gabbro/norite from 2.0-2.6m with 15-20% fg. diss to locally net-textured sulphides Po with up to 3% Cpy, as well as mineralized gabbro/norite with 2% vfg Po and trace Cpy from 3.54 - 4.00m

Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	1.88	O/B, Overburden							
1.88	2.60	SULF, Sulfide 12-15% fg Po and 1-3% fg Cpy, predominantly disseminated, however net-textured over 10 cm locally. Sulphide mineralization hosted in cg to vcg Gabbro/Norite.	BL00489	1.88	2.60	0.72	0.2860	0.4380	0.0210
2.60	4.00	NOR, Norite Black/Dark green. Heims 6f. Cg to vcg with predominantly Opx and minor amounts of Plagioclase (~25%). Massive, homogenous. Mineralized from 3.50-4.00 with 3-5% fg Po and minor Cpy. Diss to blebby. Utem plate explained and unit correlates to mineralized horizon in ES2005-42.	BL00482 BL00483	2.60 3.50	3.50 4.00	0.90 0.50	0.0180 0.0400	0.0150 0.0240	0.0030 0.0050
4.00	35.08	ANOR, Anorthosite Medium grained to coarse grained, light grey to white, moderately foliated, non-magnetic anorthosite / anorthositic gabbro. Abundant chloritized veinlets. Adjacent to MD, anorthosite is highly deformed, locally brecciated and sheared with variable foliation angles. Mineralization 5.90 - 6.23 : MAG Magnetite, INT Interstitial, 5% up to 7 5.90 - 6.23 : PO Pyrrhotite, DIS Disseminated, 1% MINOR INTERVALS: Minor Interval: 29.53 - 31 MD, Mafic Dike Green, fg to mg. Massive. homogenous. Not mineralized. sharp, quenched upper and lower contact @65 dtca. Minor Interval: 32.95 - 33.67 MD, Mafic Dike As above.	BL00484 BL00485 BL00486 BL00487 BL00488	4.00 5.00 5.90 6.23 7.00	5.00 5.90 6.23 7.00 8.00	1.00 0.90 0.33 0.77 1.00	0.0060 0.0020 0.0690 0.0020 0.0010	0.0025 0.0025 0.0750 0.0025 0.0025	0.0005 0.0005 0.0050 0.0005 0.0005

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
35.08	42.40	MD, Mafic Dike Green/dark green, fg to cg, predominantly massive with local, strong foliation @ ~60 dtca associated with elevated chloritization. Not mineralized. Strongly broken wher fabric development is strongest. Very sharp, irregular upper contact and sharp, quenched lower contact over 10 cm.							
42.40	59.60	ANOR, Anorthosite Medium grained to coarse grained, light grey to white, moderately foliated, non-magnetic anorthosite / anorthositic gabbro. Abundant chloritized veinlets. MINOR INTERVALS: Minor Interval: 45.12 - 46.5 MD, Mafic Dike Green, light green, massive, homogenous. Not mineralized. Breacciated upper contact and sharp, lower cotnact ~75 dtca. Minor Interval: 48.3 - 49.7 MD, Mafic Dike Same as above. Sharp, high angle upper and lower contact.							
59.60	59.61	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL00489	1.88	2.60	0.2860	0.4380	0.0210
BL00482	2.60	3.50	0.0180	0.0150	0.0030
BL00483	3.50	4.00	0.0400	0.0240	0.0050
BL00484	4.00	5.00	0.0060	0.0025	0.0005
BL00485	5.00	5.90	0.0020	0.0025	0.0005
BL00486	5.90	6.23	0.0690	0.0750	0.0050
BL00487	6.23	7.00	0.0020	0.0025	0.0005
BL00488	7.00	8.00	0.0010	0.0025	0.0005