

Hole Number: ES08-160

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -80.00
Project Number: 201	North: 6803418.00	North: 61.36	Collar Az: 230.00
Location: Surface	East: 534472.00	East: 9.64	Length: 59.50 (m)
	Elev: 897.00	Elev: 897.00	Start Depth: 0.00 (m)
Date Started: Jun 04, 2008	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jun 05, 2008	Multishot Survey: N	Hole Size: BQ	Core Storage: Tyrstrand
Logged By: cmnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 59.50 (m)

Comments: 50m down dip extension of DAL\_VES\_E

Hole contains mostly anorthosite with mafic dikes.

Results:

Mineralized;

27.79 - 28.09 ~2% Po, Py, trace Cpy  
 28.09 - 28.59 trace Po  
 39.28 - 39.58 3-5% Po, Py, <1% Cpy  
 39.58 - 39.89 trace Po, Py?  
 39.89 - 40.28 3-4% Po, Py, <1% Cpy  
 40.28 - 40.78 trace Po, Py, Cpy?

## Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	1.30	O/B, Overburden							

# DETAILED LOG

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
1.30	10.45	MD, Mafic Dike MAFIC DYKE -Dark grey to green, fine grained - 1.5m intersection anorthosite -minor chloritic stingers -non magnetic -unit not mineralized -LC @ 20 degrees Structure 5.10 - 5.10 : FLT Fault, 55 Deg to CA 5.28 - 5.28 : G Gouge, 55 Deg to CA MINOR INTERVALS: Minor Interval: 3.7 - 5.82 ANOR, Anorthosite ANORTHOSITE -White, light grey, green and black magnitite -medium to coarse grained -pale green sericitized feldspar -minor chloritic bands -moderatly magnetic -unit not mineralized							

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
10.45	59.50	ANOR, Anorthosite	BL00490	26.55	27.55	1.00	0.0050	0.0025	0.0010
		ANORTHOSITE - (with minor intersections of Pyroxenite?)	BL00491	27.55	27.79	0.24	0.0210	0.0320	0.0060
		-White, light grey to dark grey and black magnetite	BL00492	27.79	28.09	0.30	0.1900	0.1580	0.0430
		-medium to coarse grained	BL00493	28.09	28.59	0.50	0.0140	0.0190	0.0040
		-pale green sericitized feldspar in anorthosite	BL00494	28.59	29.53	0.94	0.0040	0.0025	0.0005
		-moderately magnetic (magnetite)	BL00495	37.48	38.48	1.00	0.0030	0.0025	0.0010
		-minor mafic dykes 20-100cm	BL00496	38.48	38.98	0.50	0.0140	0.0160	0.0040
		23.0 - 25.0 - 1-3cm biotite? patches/blebs	BL00497	38.98	39.28	0.30	0.0220	0.0470	0.0050
		48.0 - 52.7 - 1-3cm biotite? patches/blebs	BL00498	39.28	39.58	0.30	0.3480	0.3940	0.0840
		Mineralization	BL00499	39.58	39.90	0.32	0.1220	0.2030	0.0290
		27.79 - 28.09 ~2% Po, Py, trace Cpy	BL00501	39.90	40.28	0.38	0.2750	0.9350	0.0600
		28.09 - 28.59 trace Po	BL00502	40.28	40.78	0.50	0.0080	0.0150	0.0030
		39.28 - 39.58 3-5% Po, Py, <1% Cpy	BL00503	40.78	41.78	1.00	0.0160	0.0230	0.0060
		39.58 - 39.89 trace Po, Py?							
		39.89 - 40.28 3-4% Po, Py, <1% Cpy							
		40.28 - 40.78 trace Po, Py, Cpy?							
		Mineralization							
		27.79 - 28.09 : PO Pyrrhotite, TR Trace, 1.5%							
		27.79 - 28.09 : PY Pyrite, TR Trace, 1%							
		28.09 - 28.59 : PO Pyrrhotite, TR Trace, 0.5%							
		28.09 - 28.59 : PY Pyrite, TR Trace, 0.5%							
		38.98 - 39.28 : PO Pyrrhotite, TR Trace, 0.5%							
		38.98 - 39.28 : PY Pyrite, TR Trace, 0.5%							
		39.28 - 39.58 : PO Pyrrhotite, BL Blebby, 5%							
		5-7% diss Po, Py <1% Cpy							
		39.58 - 39.89 : Cpy Chalcopyrite, TR Trace, 0.5%							
		39.58 - 39.89 : PO Pyrrhotite, TR Trace, 0.5%							
		40.28 - 40.78 : Cpy Chalcopyrite, TR Trace, 0.5%							
		40.28 - 40.78 : PO Pyrrhotite, TR Trace, 0.5%							
		40.28 - 40.78 : PY Pyrite, TR Trace, 0.5%							
		Structure							
		11.70 - 11.70 : FLT Fault, 70 Deg to CA							

## Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL00490	26.55	27.55	0.0050	0.0025	0.0010
BL00491	27.55	27.79	0.0210	0.0320	0.0060
BL00492	27.79	28.09	0.1900	0.1580	0.0430
BL00493	28.09	28.59	0.0140	0.0190	0.0040
BL00494	28.59	29.53	0.0040	0.0025	0.0005
BL00495	37.48	38.48	0.0030	0.0025	0.0010

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Sample Type	ASSAY				
BL00496	38.48	38.98	0.0140	0.0160	0.0040
BL00497	38.98	39.28	0.0220	0.0470	0.0050
BL00498	39.28	39.58	0.3480	0.3940	0.0840
BL00499	39.58	39.90	0.1220	0.2030	0.0290
BL00501	39.90	40.28	0.2750	0.9350	0.0600
BL00502	40.28	40.78	0.0080	0.0150	0.0030
BL00503	40.78	41.78	0.0160	0.0230	0.0060