

Hole Number: ES08-159

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -80.00
Project Number: 201	North: 6803251.00	North: 61.36	Collar Az: 230.00
Location: Surface	East: 534500.00	East: 9.65	Length: 50.31 (m)
	Elev: 922.00	Elev: 922.00	Start Depth: 0.00 (m)
Date Started: May 29, 2008	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: May 30, 2008	Multishot Survey: N	Hole Size: BQ	Core Storage: Tyrstrand
Logged By: pmnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 50.31 (m)

Comments: 50 m UP DIP extension of ES2005-42

Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	1.10	O/B, Overburden							
1.10	38.42	ANOR, Anorthosite ANORTHOSITE (MODERATELY ALTERED) -Grey to white and pinkish-purple, fine to medium grained. -Pale green sericitized feldspars -Minor dark green mafic dykes -Dark green chloritic bands and blebs, aligned parallel to main fabric -Minor fractures throughout with local chloritic bands -Moderate pinkish-purple hematite staining - alteration throughout entire unit -Weakly magnetic -LC sharp @ 60 degrees 8.70 - 8.85 Mafic Dyke; Trace Py, Cpy <1% - controlled by minor 1mm fractures Mineralization 8.70 - 8.85 : PO Pyrrhotite, TR Trace, 0.5% controlled by local 1mm fracture 8.70 - 8.85 : PY Pyrite, TR Trace, 0.5% controlled by local 1mm fracture Structure 21.00 - 21.00 : G Gouge, 20 Deg to CA minor fault gouge - sub vertical							

DETAILED LOG

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Detailed Lithology		Lithology	Assay Data					
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%
38.42	50.30	DIA, Diabase DIABASE -UC sharp at 60 degrees -Grey, v.fine grained to medium grained - ~ 1.0 m of feldspar inclusions/sections near upper contact -Weakly foliated throughout unit from 35-50 degrees -Minor fractures throughout unit, most often filled with sericite? and chlorite? -Weak to moderatly magnetic 45.30 - 45.40 Mineralization - trace Po , Cpy <1% Mineralization 45.30 - 45.40 : Cpy Chalcopyrite, TR Trace, 0.5% 45.30 - 45.40 : PO Pyrrhotite, TR Trace, 0.5% Structure 48.92 - 48.92 : G Gouge, 35 Deg to CA minor fault gouge						
50.30	50.31	EOH, End of Hole						