

Hole Number: ES08-155

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -52.00
Project Number: 201	North: 6804587.00	North: 61.37	Collar Az: 50.00
Location: surface	East: 534009.00	East: 9.64	Length: 215.51 (m)
	Elev: 724.00	Elev: 724.00	Start Depth: 0.00 (m)
Date Started: May 19, 2008	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: May 25, 2008	Multishot Survey: N	Hole Size: BQ	Core Storage: TYRISTRAND
Logged By: pmnor	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 215.51 (m)

Comments: Designed to target moderate AEM conductor below Lake Espedalen.

## Results:

Hole intersected predominantly pyroxenite followed by massive anorthosite. No sulphides intersected.

Reasons: Conductor dipping in opposite direction, as well as being too shallow for drillhole to pierce from water edge.

## Sample Averages

Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	10.10	O/B, Overburden							
10.10	17.60	MD, Mafic Dike Green/dark green. Mg. Massive. Homogenous. Not mineralized. Quenched lower contact to UM over 0.75m.							
17.60	29.65	PYXT, Pyroxenite Black. Cg. Predominantly massive with a weak foliations locally @ approx 45 dtca. Homogenous. Abundant pyroxenes. Strongly magnetic. Mineralized only very locally with trace fg Po.							
29.65	41.70	MD, Mafic Dike As above. Green/dark green. Mg. Massive. Homogenous. Not mineralized. Quenched lower contact to UM over 0.75m. Upper contact 45 tca. Quenched lower contact over 1.0-1.5m to underlying PYXT. Structure 37.00 - 37.50 very blocky and broken core.							
41.70	128.10	PYXT, Pyroxenite Same as above. Black. Cg. Predominantly massive with a weak foliations locally @ approx 45 dtca. Homogenous. Abundant pyroxenes. Strongly magnetic. Mineralized only very locally with trace fg Po. Fault gauge at contact to MD. Chloritized and serpentinized. Structure 74.75 - 75.30 Moderately faulted with ground core and very blocky							

## 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%	Co%
128.10	159.77	MD, Mafic Dike Green-dark green. Mg to Cg. Massive. Homogenous. Not mineralized. VFG chilled upper and lower contacts over 1.0m. 3% thin chlorite veinlets.							
159.77	215.50	ANOR, Anorthosite Grey, cg, massive, homogenous. Abundant feldspar with amphiboles (altered). Not mineralized. Strongly foliated at upper contact over 0.4m at 60 dtca. MINOR INTERVALS: Minor Interval: 185.2 - 185.68 MD, Mafic Dike Green, fg to mg, massive, homogenous. Not mineralized. UC and LC at 60 dtca. Minor Interval: 187.26 - 188.9 MD, Mafic Dike As above. UC 70 dtca. and v low angle, irregular lower contact.							
215.50	215.51	EOH, End of Hole							