

DETAILED LOG

Hole Number: ES2005-44

Units: METRIC

Project Name: Norway - Espedalen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -45.00
Project Number: 201	North: 6803313.81	North: 61.36	Collar Az: 50.00
Location: Surface	East: 534505.23	East: 9.65	Length: 40.45 (m)
	Elev: 879.66	Elev: 879.66	Start Depth: 0.00 (m)
Date Started: Aug 17, 2005	Collar Survey: Y	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Aug 18, 2005	Multishot Survey: N	Hole Size: TT46	Core Storage: Strand Fjellstue
Logged By: ybeaudoin	Pulse EM Survey: N	Casing: Left in Hole, capped	Final Depth: 40.45 (m)

Comments: Purpose: To test UTEM conductor ESP_24_20 on L9455E, approximately 20m grid west of the centre of the modelled conductive plate (Conductivity = 2000 siemens).

Result: No mineralization / conductor intersected. Intersected sausseritized anorthosites with crosscutting mafics.

Assays: No samples taken.

Borehole UTEM: Survey to be conducted in November 2005.

Lithological interpretation: Anorthositic terrain intruded by mafic body.

Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	5.80	C, Casing							

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
5.80	37.56	<p>4s, Sausseritized/Tectonized Anorthosite</p> <p>Medium to locally coarse grained, non-magnetic, foliated to locally strongly foliated, sausseritized anorthosite/anorthositic gabbro. Sausseritization produces an overall gray-purplish tint to the unit.</p> <p>Unit is unmineralized.</p> <p>Lower contact with dolerite is sharp at 90 degrees to ca.</p> <p>Structure</p> <p>22.85 - 22.86 : S1 First Foliation, 55 Deg to CA 34.83 - 34.84 : S1 First Foliation, 59 Deg to CA 37.55 - 37.56 : UC Upper Contact, 90 Deg to CA contact 4s with 8a; sharp</p> <p>RQD</p> <p>5.80 - 8.00 : 50.00 % RQD 100.00 % Core 8.00 - 11.00 : 43.00 % RQD 100.00 % Core 11.00 - 14.00 : 67.00 % RQD 100.00 % Core 14.00 - 17.00 : 84.00 % RQD 100.00 % Core 17.00 - 20.00 : 72.00 % RQD 100.00 % Core 20.00 - 23.00 : 61.00 % RQD 100.00 % Core 23.00 - 26.00 : 97.00 % RQD 100.00 % Core 26.00 - 29.00 : 96.00 % RQD 100.00 % Core 29.00 - 32.00 : 82.00 % RQD 100.00 % Core 32.00 - 35.00 : 56.00 % RQD 100.00 % Core 35.00 - 38.00 : 64.00 % RQD 100.00 % Core</p>							
37.56	40.45	<p>DIA, Diabase</p> <p>Medium grained, chloritized, weakly foliated, greenish mafic intrusive unit. Cm scale fragments of 4s are observed in the unit.</p> <p>Unit is unmineralized.</p> <p>Upper contact with 4s is sharp at 90 degrees to ca.</p> <p>RQD</p> <p>38.00 - 40.45 : 29.00 % RQD 100.00 % Core</p> <p>MINOR INTERVALS:</p> <p>Minor Interval: 37.82 - 37.89 4s, Sausseritized/Tectonized Anorthosite Fragment of 4s in dolerite dyke.</p>							