

Hole Number: ES07-122

Units: METRIC

Project Name:	Norway - Espedalen	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM:	Collar Dip:	-70.00
Project Number:	201	North:	6801232.00	North:	61.34	Collar Az:	230.00
Location:	Stormyra	East:	535284.00	East:	9.66	Length:	121.91 (m)
		Elev:	965.50	Elev:	965.50	Start Depth:	0.00 (m)
Date Started:	Nov 04, 2007	Collar Survey:	N	Plugged:	N	Contractor:	Arctic Drilling A/S
Date Completed:		Multishot Survey:	N	Hole Size:	TT46	Core Storage:	Tyrstrand
Logged By:	rdnor	Pulse EM Survey:	N	Casing:	Left in Hole	Final Depth:	121.91 (m)

Comments: Target: Fourth hole on 11550E to determine if mineralization extends beyond UTEM plate.

Result: 50cm with 30% net textures Sulphides at 64.7m 30cm of 50% Sulphides at 87.2m. 1m of about 13% Sulphides at 89.5m, 60cm with about 9% Sulphides at 91.4m, 30cm of 10% Sulphides at 92.3m and 30cm of 8% Sulphides at 99.4m.

Sample Averages

Average Type	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
WEIGHTED	87.17	94.67	7.50	0.4069	0.3729	0.0170

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	5.80	O/B, Overburden O/B, Overburden							
5.80	13.60	ANOR, Anorthosite ANOR, Anorthosite Banded/mottled red altered Anorthosite.							
13.60	21.21	MD, Mafic Dike MD, Mafic Dyke fine grained gabbroic mafic dyke.							
21.21	56.75	ANOR, Anorthosite ANOR, Anorthosite grey, banded/mottled and altered. competent.							
56.75	59.83	MD, Mafic Dike MD, Mafic Dyke gabbroic mafic dyke, slightly foliated, bleached chill margins.							
59.83	86.11	ANOR, Anorthosite 64.65-65.18 30% net textured Sulphides: 25.5% Po, 3% Pn, 1.5% Cpy Mineralization 64.65 - 65.18 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, Net Net Textured, 30% 25.5% Po, 3% Pn, 1.5% Cpy	PG05663	62.14	64.14	2.00	0.0070	0.0025	0.0020
			PG05664	64.14	64.65	0.51	0.0060	0.0025	0.0020
			PG05665	64.65	65.18	0.53	2.4600	0.9220	0.0940
			PG05666	65.18	65.63	0.45	0.0180	0.0050	0.0020
			PG05667	65.63	66.67	1.04	0.0400	0.0320	0.0040
			PG05668	85.76	86.76	1.00	0.0100	0.0090	0.0040

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
86.11	90.76	MD, Mafic Dike	PG05669	86.76	87.17	0.41	0.1370	0.0970	0.0090
		87.17-87.48 50% Sulphides: 25% semi massive Po, 22.5% eyes of Pn, 2.5% blebby Cpy.	PG05670	87.17	87.48	0.31	3.7460	0.9800	0.1210
		89.47-89.81 10% Sulphides: 5% patchy Po, 5% patchy Cpy.	PG05671	87.48	87.98	0.50	0.0150	0.0190	0.0040
		90.38-90.62 15% Sulphides: 12% semi massive Po, 1.5% eyes Pn, 1.5% Cpy.	PG05672	87.98	88.97	0.99	0.0170	0.0120	0.0040
		Mineralization	PG05673	88.97	89.47	0.50	0.0070	0.0080	0.0040
		87.17 - 87.48 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, BB Blebby, 50%	PG05674	89.47	89.81	0.34	0.4880	2.5070	0.0200
		25% semi massive Po, 22.5% eyes Pn, 2.5% blebby Cpy	PG05675	89.81	90.38	0.57	0.0400	0.0280	0.0040
		90.38 - 90.62 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, BB Blebby, 15%	PG05676	90.38	90.62	0.24	1.3400	0.3240	0.0600
		12% semi massive Po, 1.5% eyes Pn, 1.5% Cpy	PG05677	90.62	91.37	0.75	0.0130	0.0110	0.0020
		89.47 - 89.81 : PO Pyrrhotite, PAT Patchy, 10%							
		5% patchy Cpy, 5% patchy Po							
90.76	121.90	ANOR, Anorthosite	PG05678	91.37	91.73	0.36	0.3620	1.9200	0.0200
		ANOR, Anorthosite	PG05679	91.73	92.00	0.27	1.1520	0.8670	0.0450
		typical banded with mafic and ultramafic stringers.	PG05681	92.00	92.31	0.31	0.0710	0.0510	0.0040
		91.37-91.73 10% Sulphides: 5% Po+Cpy, Trace Pn	PG05682	92.31	92.60	0.29	0.9810	0.8510	0.0400
		91.73-92.00 8% Sulphides: 4% veiny Po+Cpy, Trace Pn	PG05683	92.60	93.51	0.91	0.0740	0.0810	0.0040
		92.31-92.60 10% Sulphides: 3% patchy eyes Pn, 3% Po, 3% patchy Cpy	PG05684	93.51	94.41	0.90	0.1970	0.1850	0.0070
		94.41-94.67 8% Sulphides: 7.2% veiny Po, 0.8% veiny Cpy	PG05685	94.41	94.67	0.26	1.3460	0.3280	0.0570
		Mineralization	PG05686	94.67	95.16	0.49	0.1220	0.0680	0.0070
		91.73 - 92.00 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, VN Veins, 8%	PG05687	95.16	96.16	1.00	0.0300	0.0380	0.0030
		4% veiny Po+Cpy, Tr Pn							
		94.41 - 94.67 : PO Pyrrhotite, VN Veins, 8%							
		7.2% veiny Po, 0.8% veiny Cpy							
		92.31 - 92.60 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, PAT Patchy, 10%							
		3% Po, 3% patchy eyes Pn, 3% patchy Cpy							
121.90	121.91	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG05663	62.14	64.14	0.0070	0.0025	0.0020
PG05664	64.14	64.65	0.0060	0.0025	0.0020
PG05665	64.65	65.18	2.4600	0.9220	0.0940
PG05666	65.18	65.63	0.0180	0.0050	0.0020
PG05667	65.63	66.67	0.0400	0.0320	0.0040
PG05668	85.76	86.76	0.0100	0.0090	0.0040
PG05669	86.76	87.17	0.1370	0.0970	0.0090
PG05670	87.17	87.48	3.7460	0.9800	0.1210

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Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG05671	87.48	87.98	0.0150	0.0190	0.0040
PG05672	87.98	88.97	0.0170	0.0120	0.0040
PG05673	88.97	89.47	0.0070	0.0080	0.0040
PG05674	89.47	89.81	0.4880	2.5070	0.0200
PG05675	89.81	90.38	0.0400	0.0280	0.0040
PG05676	90.38	90.62	1.3400	0.3240	0.0600
PG05677	90.62	91.37	0.0130	0.0110	0.0020
PG05678	91.37	91.73	0.3620	1.9200	0.0200
PG05679	91.73	92.00	1.1520	0.8670	0.0450
PG05681	92.00	92.31	0.0710	0.0510	0.0040
PG05682	92.31	92.60	0.9810	0.8510	0.0400
PG05683	92.60	93.51	0.0740	0.0810	0.0040
PG05684	93.51	94.41	0.1970	0.1850	0.0070
PG05685	94.41	94.67	1.3460	0.3280	0.0570
PG05686	94.67	95.16	0.1220	0.0680	0.0070
PG05687	95.16	96.16	0.0300	0.0380	0.0030