

DETAILED LOG

Hole Number: ER08-44

Units: METRIC

Project Name: Norway - South Norway	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -45.40
Project Number: 203	North: 6659562.65	North: 60.07	Collar Az: 237.50
Location: Surface	East: 558349.30	East: 10.05	Length: 199.96 (m)
	Elev: 160.82	Elev: 160.82	Start Depth: 0.00 (m)
Date Started: Jan 24, 2008	Collar Survey: N	Plugged: N	Contractor: Drillcon Core AB
Date Completed: Jan 31, 2008	Multishot Survey: N	Hole Size: NQ	Core Storage: Tyrstrand
Logged By: K Leonard	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 199.96 (m)

Comments: This hole is being used to test the contact and Ni mineralization below ER08-43 on Section 1450N.

Results:

71.28 - 71.85m: 8 - 10% blebby, disseminated Po over 0.57m

73.31 - 73.52m: 15-20/% fracture controlled Cpy and Po over 0.21m

86.43 - 88.70m: 10 - 15% coarse grained, brecciated Po over 2.27m including 20 - 35% SMS Po from 86.75 - 87.15m (40cm) and 87.90 - 88.70m (70 cm)

Sample Averages

Survey Data

Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
7.00		-45.40	EZ	OK							

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	6.90	CAS, Casing							

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
6.90	66.74	GNOR, Gabbro Norite grey-green in colour, medium grained, massive texture, composed of plag-pyx-hbl-d-qtz-bio-chl-ser, generally competent core with local fracture zones, spotty Po mineralization. Mineralization 37.90 - 37.97 47.43 - 47.59 47.43 - 47.59 47.43 - 47.59 Structure 6.90 - 7.65 rubble 10.00 - 10.95 : F Fractured, 30 Deg to CA broken core 13.58 - 13.95 : F Fractured, 45 Deg to CA fractured core 26.50 - 26.75 : F Fractured, 2 Deg to CA low angle fracture 27.12 - 27.40 strongly chloritized 28.74 - 29.10 striated, chlorite altered 30.00 - 30.50 healed carbonate-infilled breccia, garnet 41.40 - 41.50 strongly striated 45.27 - 46.30 conspicuously striated	BL01146	54.80	55.70	0.90	0.1070	0.0550	0.0070
			BL01147	55.70	56.05	0.35	0.1110	0.0430	0.0060
			BL01148	56.05	56.55	0.50	0.2460	0.2030	0.0130
			BL01149	56.55	57.05	0.50	0.3020	0.2310	0.0160
			BL01150	57.05	57.55	0.50	0.2220	0.2070	0.0130
			BL01151	57.55	58.25	0.70	0.2010	0.2210	0.0120
			BL01152	58.25	58.80	0.55	0.1600	0.1900	0.0110
			BL01153	58.80	59.40	0.60	0.2250	0.2190	0.0160
			BL01154	59.40	59.90	0.50	0.1800	0.3110	0.0150
			BL01155	59.90	60.40	0.50	0.1180	0.1440	0.0090
			BL01156	60.40	60.90	0.50	0.1790	0.2120	0.0140
			BL01157	60.90	61.40	0.50	0.2650	0.2370	0.0180
			BL01158	61.40	61.90	0.50	0.2540	0.2350	0.0180
			BL01159	61.90	62.65	0.75	0.2590	0.2430	0.0180
			BL01161	62.65	63.05	0.40	0.1460	0.1210	0.0090
			BL01162	63.05	63.55	0.50	0.1900	0.0590	0.0090
66.74	67.00	FLT, Fault Fault Gouge - subrounded comminuted fragments attached to clay-rich material							
67.00	69.74	PEG, Pegmatite greyish-white, quartz-rich with 30% included mafic material, fractured core near the upper and lower contacts, 1-2% Po at lower contact upper and lower contacts trend 82 and 76 degrees to the LCA respectively.							
69.74	71.28	GNOR, Gabbro Norite similar to the unit recognized above from 6.90 - 66.74m.	BL01163	70.45	70.85	0.40	0.0170	0.0120	0.0005
			BL01164	70.85	71.28	0.43	0.0100	0.0080	0.0005
71.28	71.85	SULF, Sulfide 8-10% fine to- medium grained disseminated Po, some blebs and aggregates.	BL01165	71.28	72.00	0.72	0.2480	0.0850	0.0190

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From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
71.85	73.31	GNOR, Gabbro Norite same as unit above from 69.74 - 71.28m.	BL01166	72.00	72.40	0.40	0.0070	0.0220	0.0005
			BL01167	72.40	72.90	0.50	0.0490	0.1930	0.0040
			BL01168	72.90	73.25	0.35	0.1660	0.0630	0.0130
			BL01169	73.25	73.60	0.35	0.2210	2.0600	0.0170
73.31	73.52	SULF, Sulfide 15-20% fracture controlled and wispy Cpy and Po.							
73.52	84.80	GNOR, Gabbro Norite same as GNOR units observed above from 6.90 - 66.74m, 69.74 - 71.28m and 71.85 - 73.31m.	BL01170	73.60	74.20	0.60	0.0670	0.0740	0.0060
			BL01171	74.20	74.70	0.50	0.0820	0.0540	0.0070
			BL01172	74.70	75.20	0.50	0.0750	0.0200	0.0060
			BL01173	82.75	83.35	0.60	0.0140	0.0180	0.0020
			BL01174	83.35	84.00	0.65	0.0090	0.0190	0.0020
			BL01175	84.00	84.50	0.50	0.0360	0.0370	0.0040
		BL01176	84.50	85.00	0.50	0.0360	0.0140	0.0040	
84.80	86.43	FLT, Fault strongly fractured core and sporadic Fault Gouge. 85.60 - 86.43m - broken / fractured core shows 10% fine grained and disseminated Po.	BL01177	85.00	85.75	0.75	0.3110	0.2920	0.0420
			BL01178	85.75	86.43	0.68	0.1740	0.0750	0.0140
86.43	88.70	SMS, Semi Massive Sulphide averages 10 - 15% c.g , brecciated Po with local 20-35% semi-massive sulphide zones from 86.75 - 87.15 (40cm), 87.90 - 88.70m (70cm).	BL01179	86.43	86.75	0.32	0.4280	0.1470	0.0360
			BL01181	86.75	87.15	0.40	0.3050	0.3980	0.0260
			BL01183	87.15	87.90	0.75	0.0820	0.0670	0.0100
			BL01184	87.90	88.30	0.40	0.6040	0.2480	0.0770
			BL01185	88.30	88.70	0.40	0.6890	0.7740	0.0560
88.70	114.50	GNOR, Gabbro Norite Mineralization 91.30 - 91.33 : PO Pyrrhotite, VN Veins, 40% 3cm semi-massive Po stringer MINOR INTERVALS: Minor Interval: 110.93 - 111.18 PEG, Pegmatite narrow pegmatite vein, nil sulphides upper contact at 90 degrees to the LCA. lower contact at 78 degrees to the LCA.	BL01186	88.70	89.20	0.50	0.0320	0.0220	0.0030
			BL01187	89.20	90.00	0.80	0.0130	0.0290	0.0005
114.50	123.90	PEG, Pegmatite pink in colour, quartz-rich, well foliated at 30 degrees to the LCA, Mineralization 114.60 - 114.70 : PO Pyrrhotite, DIS Disseminated, 10% sulphide shear band trends 30 degrees to the LCA.							

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
123.90	192.56	<p>MD, Mafic Dike</p> <p>finer grained than observed above from 88.70 - 114.50m. GNOR, however appearance is very similar to Mafic volcanic or dyke.</p> <p>dark grey in colour, fine grained, some internal fabric - locally convoluted but no evidence of consistent rhythmic layering or banding (i.e. gneissosity) as seen in Felsic Gneiss unit, strongly MAGNETIC throughout.</p> <p>strong local fracturing of core and corresponding chlorite-altered slickensides.</p> <p>trace f.g. disseminated sulphides.</p> <p>Structure</p> <p>143.38 - 144.72 strongly broken and fractured core</p> <p>162.23 - 162.35 strongly fractured core</p> <p>163.55 - 164.35 strong low angle fractured core</p> <p>168.55 - 169.56 strongly fractured core</p> <p>168.55 - 172.35 up to 15cm segments</p> <p>170.25 - 171.21 170.55 - 177.05 171.20 - 174.40 subrounded, cm-sized rubble</p> <p>184.55 - 185.05</p> <p>MINOR INTERVALS: Minor Interval: 137.72 - 138 PEG, Pegmatite</p> <p>whitish grey, quartz-rich with 25% included mafic material, weakly sheared and brecciated, sharp upper and lower contacts at 35 degrees to the LCA.</p> <p>trace sulphides</p>							

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From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
192.56	199.95	GNOR, Gabbro Norite Same as above, non-magnetic, slightly coarser grained Cut by minor 1-3 cm white quartz veins Garnet patches and pseudomorphs throughout. No sulphides, reasonably competent core. Structure 192.56 - 197.45 : FOL Foliated, 70 Deg to CA 193.35 - 193.37 clay gouge MINOR INTERVALS: Minor Interval: 197.47 - 197.96 MD, Mafic Dike strongly magnetic							
199.95	199.96	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL01146	54.80	55.70	0.1070	0.0550	0.0070
BL01147	55.70	56.05	0.1110	0.0430	0.0060
BL01148	56.05	56.55	0.2460	0.2030	0.0130
BL01149	56.55	57.05	0.3020	0.2310	0.0160
BL01150	57.05	57.55	0.2220	0.2070	0.0130
BL01151	57.55	58.25	0.2010	0.2210	0.0120
BL01152	58.25	58.80	0.1600	0.1900	0.0110
BL01153	58.80	59.40	0.2250	0.2190	0.0160
BL01154	59.40	59.90	0.1800	0.3110	0.0150
BL01155	59.90	60.40	0.1180	0.1440	0.0090
BL01156	60.40	60.90	0.1790	0.2120	0.0140
BL01157	60.90	61.40	0.2650	0.2370	0.0180
BL01158	61.40	61.90	0.2540	0.2350	0.0180
BL01159	61.90	62.65	0.2590	0.2430	0.0180
BL01161	62.65	63.05	0.1460	0.1210	0.0090
BL01162	63.05	63.55	0.1900	0.0590	0.0090
BL01163	70.45	70.85	0.0170	0.0120	0.0005
BL01164	70.85	71.28	0.0100	0.0080	0.0005
BL01165	71.28	72.00	0.2480	0.0850	0.0190

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Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL01166	72.00	72.40	0.0070	0.0220	0.0005
BL01167	72.40	72.90	0.0490	0.1930	0.0040
BL01168	72.90	73.25	0.1660	0.0630	0.0130
BL01169	73.25	73.60	0.2210	2.0600	0.0170
BL01170	73.60	74.20	0.0670	0.0740	0.0060
BL01171	74.20	74.70	0.0820	0.0540	0.0070
BL01172	74.70	75.20	0.0750	0.0200	0.0060
BL01173	82.75	83.35	0.0140	0.0180	0.0020
BL01174	83.35	84.00	0.0090	0.0190	0.0020
BL01175	84.00	84.50	0.0360	0.0370	0.0040
BL01176	84.50	85.00	0.0360	0.0140	0.0040
BL01177	85.00	85.75	0.3110	0.2920	0.0420
BL01178	85.75	86.43	0.1740	0.0750	0.0140
BL01179	86.43	86.75	0.4280	0.1470	0.0360
BL01181	86.75	87.15	0.3050	0.3980	0.0260
BL01183	87.15	87.90	0.0820	0.0670	0.0100
BL01184	87.90	88.30	0.6040	0.2480	0.0770
BL01185	88.30	88.70	0.6890	0.7740	0.0560
BL01186	88.70	89.20	0.0320	0.0220	0.0030
BL01187	89.20	90.00	0.0130	0.0290	0.0005