DETAILED LOG

Hole Number: ER2006-23 Units: METRIC

Project Name:	Norway - South Norway	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM:	Collar Dip:	-69.90
Project Number:	203	North:	6659525.17	North:	60.07	Collar Az:	53.30
Location:	Ertelia	East:	558038.75	East:	10.04	Length:	249.30 (m)
		Elev:	163.94	Elev:	163.94	Start Depth:	0.00 (m)
Date Started:	Nov 14, 2006	Collar Survey:	Y	Plugged:	N	Contractor:	Drillcon Core AB	Final Depth:	249.30 (m)
Date Completed:	Nov 18, 2006	Multishot Survey:	N	Hole Size:	BQ	Core Storage:			
Logged By:	J. Der Weduwen	Pulse EM Survey:	N	Casing:	Left in Hole, capped				

Comments:

Sample Averages

Survey Data

Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
10.00	53.30	-69.90	EZ	OK		25.00	53.70	-69.90	EZ	OK	
50.00	54.00	-69.90	EZ	OK		100.00	58.60	-69.80	EZ	OK	
150.00	56.00	-69.50	EZ	OK							

Detailed Lithology

From (m)	To (m)	Lithology
0	3.10	C, Casing Overburden Casing extended down to 4.35m. RQD 3.00 - 3.95 : 48.20 % RQD 100.00 % Core

Assay Data

Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%

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Detailed Lithology

From (m)	To (m)	Lithology
3.10	56.25	GAB, Gabbro Medium grey to grey-green and medium grained. Overall massive with local 0.02 to 0.50m pegmatitic dykes. 1% to 2% dark brown to black spots- biotite. Local minor chloritic filled fractures. Fine pale pink to mauve alteration? Minor serpentine +/- carbonate filled fractures/faults. 6.62 - 6.95 Badly broken core In part (5%) a broken pegmatite dyke. 22.03 - 22.22 Pegmatite Dyke Upper contact at 75 deg. and lower contact at 75 to 80 deg. to CA. Coarse quartz, minor feldspar? and 5% black sheets biotite. @ 32.45 A 60mm Aplitic dyke at 75 to 80 deg. to CA. Contacts partially ground - faulted? 40.70 - 40.83 Pegmatite Dyke Upper contact at 45 deg na lower contact faulted at 40 deg to CA. White fractured quartz with 10% medium green wall-rock inclusions. 43.60 - 46.00 Badly broken core Includes numerous serpentinous slips and faults. Includes a broken pegmatite dyke from 44.77 to 45.00m. Fault Zone Structure 12.25 - 12.30 : Frct Fracture, 45 Deg to CA 15mm serpentine filled fracture. 17.56 - 17.60 : Frct Fracture, 40 Deg to CA broken, 10mm serpentine filled fracture. 19.85 - 19.88 : Frct Fracture, 50 Deg to CA broken, serpentine filled fracture. 21.74 - 21.81 : Frct Fracture, 35 Deg to CA 10 to 12mm serpentine filled fracture. 26.95 - 26.99 : Frct Fracture, 30 Deg to CA broken, serpentine filled fracture. 27.52 - 27.55 : Frct Fracture, 35 Deg to CA broken, serpentine filled fracture. 36.76 - 36.79 : F Fractured, 80 Deg to CA 25mm fault - qtz-chl filled 36.84 - 36.89 : F Fractured, 75 Deg to CA 35 to 40mm fault - qtz-chl filled. 43.60 - 46.00 : F Fractured, 55 Deg to CA Major Fault Zone. 52.81 - 52.83 : F Fractured, 75 Deg to CA 10mm fault zone.

Assay Data

Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%

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Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD 3.95 - 4.35 : 100.00 % RQD 100.00 % Core 4.35 - 6.05 : 66.30 % RQD 100.00 % Core 6.05 - 6.95 : 66.30 % RQD 100.00 % Core 6.95 - 7.65 : 40.00 % RQD 100.00 % Core 7.65 - 11.80 : 92.30 % RQD 100.00 % Core 11.80 - 17.80 : 93.30 % RQD 100.00 % Core 17.80 - 20.50 : 79.30 % RQD 100.00 % Core 20.50 - 26.60 : 90.70 % RQD 100.00 % Core 26.60 - 28.40 : 77.80 % RQD 100.00 % Core 28.40 - 31.25 : 88.80 % RQD 100.00 % Core 31.25 - 33.05 : 75.00 % RQD 100.00 % Core 33.05 - 38.65 : 93.60 % RQD 100.00 % Core 38.65 - 42.95 : 87.70 % RQD 100.00 % Core 42.95 - 44.00 : 59.00 % RQD 100.00 % Core 44.00 - 44.55 : 0.00 % RQD 100.00 % Core 44.55 - 45.20 : 33.80 % RQD 100.00 % Core 45.20 - 45.75 : 23.60 % RQD 100.00 % Core 45.75 - 47.00 : 55.20 % RQD 100.00 % Core 47.00 - 49.60 : 74.90 % RQD 100.00 % Core 49.60 - 52.35 : 82.20 % RQD 100.00 % Core 52.35 - 56.80 : 69.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 7.3 - 7.7 PEG, Pegmatite Pegmatite Dyke Both contacts badly broken. White with pale green tint (chloite or amphibole?) 10% fine masses biotite. Minor Interval: 47 - 47.38 PEG, Pegmatite Pegmatite Dyke Upper contact at 50 deg and lower contact at 55 to 60 deg. to CA. Coarse grey to white quartz with 55 to 10% coarse black biotite. Locally has a fine pale green tint. Adjacent to dyke coarse dark silvery phlogopite developed over 0.30m core length.								

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Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
56.25	59.62	MD, Mafic Dike Mafic Dyke Upper contact at 55 deg. to CA, Lower contact at 50 deg. - partially broken. Dark grey - green, fine grained and massive. Fine amphibole - plagioclase assemblage? RQD 56.80 - 62.80 : 80.50 % RQD 100.00 % Core							

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Detailed Lithology

From (m)	To (m)	Lithology
59.62	169.12	GAB, Gabbro Gabbronorite Very similar to section from 3.10 to 56.25m. Medium to dark grey to grey-green and medium grained. Local coarse grained sections - mottled medium grey/dark green to almost black. Local very coarse grained sections with pyroxenes to 2.5cm. Local serpentine filled fractures and faults. Very minor siliceous dykes - generally thin, fom 2 to 5 cm. Local fine disseminated and blebby Po. 63.10 - 66.70 Coarse mottled section - medium grey/dark green. Partially broken, cut by several serpentine - carb. filled faults/fractures. Patchy disseminated Py - to 1% - minor Po occurs towards end of unit. 86.10 - 87.15 Very coarse grained section with distinct pyroxenes to 2.5cm. 2 to 5% silvery - brown bronzite crystals. 101.45 - 102.65 Partiall broken coarse grained and mottled dark grey/green-black section. Flat serpentine filled fractures at 5 to 15 deg. to CA. 103.50 - 106.00 Partially broken coarse grained secton. Pyroxenes to 2.0 cm. 111.20 - 122.80 Predominantly a coarsly mottled medium grey/dark green gabbronorite. 141.00 - 144.35 Very dark green to black, biotite rich section - fluid conduit. Partially broken throughout. 5% coarse silvery brown bronzite crystals. 15% to 20% broken pegmatite dyking Local fracture-controlled Py and Cpy. 144.35 - 169.12 A coarse grained mottled medium grey/dark green gabbronorite. Patchy, but minor blebby Po and Cpy. 145.60 - 147.30 Partially broken - due to flat (0 to 25 deg.) chl - carb filled fractures. 158.90 - 160.85 Broken core - partially ground (redrilled). Includes approximately 0.10 to 0.15m lost core. Mineralization 165.90 - 169.10 : PO Pyrrhotite, D Disseminated, 1% 147.30 - 148.00 : Cpy Chalcopyrite, BB Blebby, 1% 147.30 - 148.00 : PO Pyrrhotite, BB Blebby, 2% 142.25 - 142.75 : Cpy Chalcopyrite, F Fracture Controlled, 1% 142.25 - 142.75 : PY Pyrite, F Fracture Controlled, 2%

Assay Data

Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
PG04930	69.40	70.80	1.40	0.0980	0.0850	0.0070
PG04931	70.80	72.30	1.50	0.1010	0.0960	0.0090
PG04932	72.30	73.80	1.50	0.0620	0.0610	0.0060
PG04933	73.80	74.80	1.00	0.0660	0.0660	0.0070
PG04934	95.90	96.80	0.90	0.1900	0.1290	0.0090
PG04935	96.80	98.30	1.50	0.1670	0.1220	0.0080
PG04936	98.30	99.60	1.30	0.1930	0.1390	0.0100
PG04937	99.60	101.10	1.50	0.1610	0.1200	0.0080
PG04938	142.00	142.80	0.80	0.1720	0.4180	0.0110
PG04939	147.30	148.00	0.70	0.3240	0.3810	0.0200

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Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Mineralization 121.80 - 132.30 : PO Pyrrhotite, D Disseminated, 1% finely disseminated. 118.40 - 119.70 : PO Pyrrhotite, BB Blebby, 1% 118.40 - 119.70 : PO Pyrrhotite, D Disseminated, 1% 116.90 - 118.40 : PO Pyrrhotite, D Disseminated, 1% 111.40 - 115.00 : PO Pyrrhotite, D Disseminated, 1% patchy blebby Po 105.10 - 105.50 : PY Pyrite, INT Interstitial, 2% 102.20 - 103.50 : PO Pyrrhotite, TR Trace, 0% 96.30 - 102.20 : PO Pyrrhotite, D Disseminated, 2% patchy blebby Po 93.20 - 96.30 : PO Pyrrhotite, D Disseminated, 2% 89.00 - 91.00 : PO Pyrrhotite, D Disseminated, 1% patchy 76.50 - 80.50 : PO Pyrrhotite, BB Blebby, 1% 76.50 - 80.50 : PO Pyrrhotite, D Disseminated, 1% 74.80 - 76.50 : PO Pyrrhotite, D Disseminated, 1% patchy blebby Po 69.60 - 74.80 : PO Pyrrhotite, BB Blebby, 1% 69.60 - 74.80 : PO Pyrrhotite, D Disseminated, 1% 67.90 - 69.60 : PO Pyrrhotite, D Disseminated, 1% Structure 64.45 - 64.85 : F Fractured, 10 Deg to CA broken, serp-carb filled fault. 65.13 - 65.60 : F Fractured, 7 Deg to CA partially broken, serp-carb filled fault. 66.44 - 66.50 : F Fractured, 45 Deg to CA carb-Py-chl filled fault. 84.34 - 84.42 : F Fractured, 35 Deg to CA partially broken, carb-chl filled fault. 87.94 - 87.97 : F Fractured, 55 Deg to CA partiall broken - minor fault. 105.90 - 106.00 : F Fractured, 45 Deg to CA Badly broken with well developed qouge. 107.12 - 107.12 : F Fractured, 75 Deg to CA carb-chl filled. 107.78 - 107.80 : F Fractured, 55 Deg to CA carb-chl filled. 108.32 - 108.40 : F Fractured, 70 Deg to CA broken with faultgouge. 110.19 - 110.20 : F Fractured, 60 Deg to CA 10mm carb-chl filled. 115.90 - 116.05 : F Fractured, 20 Deg to CA 20mm carb - chl filled fault.						

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Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure 118.63 - 118.66 : F Fractured, 70 Deg to CA 10 to 15mm carb-chl filled fault. 121.24 - 121.33 : F Fractured, 20 Deg to CA 10 to 15mm fault zone. 147.22 - 147.32 : F Fractured, 20 Deg to CA 10mm partially broken chl-carb filled fault. 151.98 - 152.03 : F Fractured, 40 Deg to CA carb filled fault gouge. RQD 62.80 - 64.30 : 33.30 % RQD 100.00 % Core 64.30 - 64.80 : 28.00 % RQD 100.00 % Core 64.80 - 65.60 : 27.50 % RQD 100.00 % Core 65.60 - 68.80 : 85.90 % RQD 100.00 % Core 68.80 - 74.80 : 96.50 % RQD 100.00 % Core 74.80 - 80.80 : 87.00 % RQD 100.00 % Core 80.80 - 85.35 : 95.20 % RQD 100.00 % Core 85.35 - 88.70 : 80.60 % RQD 100.00 % Core 88.70 - 92.80 : 86.30 % RQD 100.00 % Core 92.80 - 98.80 : 89.80 % RQD 100.00 % Core 98.80 - 102.65 : 76.90 % RQD 100.00 % Core 102.65 - 105.95 : 88.80 % RQD 100.00 % Core 105.95 - 107.30 : 44.40 % RQD 100.00 % Core 107.30 - 109.90 : 73.80 % RQD 100.00 % Core 109.90 - 113.80 : 92.80 % RQD 100.00 % Core 113.80 - 116.80 : 79.00 % RQD 100.00 % Core 116.80 - 121.40 : 84.80 % RQD 100.00 % Core 121.40 - 124.15 : 85.80 % RQD 100.00 % Core 124.15 - 128.80 : 94.80 % RQD 100.00 % Core 128.80 - 134.80 : 93.50 % RQD 100.00 % Core 134.80 - 140.25 : 91.70 % RQD 100.00 % Core 140.25 - 142.45 : 69.50 % RQD 100.00 % Core 142.45 - 143.60 : 13.00 % RQD 100.00 % Core 143.60 - 145.70 : 64.80 % RQD 100.00 % Core 145.70 - 148.05 : 39.60 % RQD 100.00 % Core 148.05 - 152.80 : 88.20 % RQD 100.00 % Core 152.80 - 155.85 : 71.50 % RQD 100.00 % Core 155.85 - 160.85 : 67.30 % RQD 100.00 % Core 160.85 - 164.80 : 88.60 % RQD 100.00 % Core 164.80 - 170.80 : 91.30 % RQD 100.00 % Core								

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Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		MINOR INTERVALS: Minor Interval: 141.71 - 142.05 PEG, Pegmatite Pegmatite Dyke Upper contact faulted at 45 deg. and lower contact broken. A coarse quartz biotite - assemblage. Broken throughout. Structure 141.71 - 141.72 : UC Upper Contact, 45 Deg to CA faulted Minor Interval: 142.75 - 143.42 PEG, Pegmatite Pegmatite Dyke Upper contact irregular and lower contact broken Badly broken throughout. A coarse quartz - biotite assemblage. 1% blebby Py								

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Detailed Lithology

From (m)	To (m)	Lithology
169.12	249.30	5, Undivided Metasediments Garnet - Amphibole Gneiss Upper contact diffuse - gradational? Dark grey to medium green with pikish bands and masses - garnet. Garnet bands initially aligned at 20 to 25 deg. to CA - gneissosity. Overall massive and fine grained. Locally weakly to moderately magnetic - fine magnetite. 1 to 2% thin (2 to 10cm) quartz veining. Local fracture-controlled and blebby Po and/or Py. Very minor fine chloritic fractures. 193.80 - 194.90 Partially broken core, with short (0.10 to 0.20m) sections badly broken. 195.80 - 196.25 Badly broken core. 196.70 - 197.35 Broken core. 196.85 - 202.10 Very dark green-black biotite bearing section. Strongly magnetic. 198.20 - 200.10 Badly broken core. 202.10 - 205.00 Strongly magnetic section - Mag. Sus. readings up to 100. 205.70 - 222.50 Broken section - very poor RQD's. 224.52 - 224.70 Pegmatite Dyke Both contacts broken. Cs. quartz with approx. 10 fine grained biotite. 241.90 - 243.05 Broken core. Mineralization 196.85 - 202.10 : PY Pyrite, F Fracture Controlled, 1% as bands paralleling gneissosity. 196.85 - 202.10 : PY Pyrite, D Disseminated, 1% 178.25 - 178.60 : PY Pyrite, D Disseminated, 1% 178.25 - 178.60 : PO Pyrrhotite, D Disseminated, 2% 177.00 - 177.80 : PO Pyrrhotite, D Disseminated, 1% 176.35 - 177.00 : PY Pyrite, BB Blebby, 1% 176.35 - 177.00 : PO Pyrrhotite, F Fracture Controlled, 1% 176.35 - 177.00 : PO Pyrrhotite, BB Blebby, 1% 174.48 - 174.80 : Cpy Chalcopyrite, BB Blebby, 1% 174.48 - 174.80 : PO Pyrrhotite, BB Blebby, 3% disseminated and blebby Structure 184.15 - 184.15 : G Gouge, 15 Deg to CA

Assay Data

Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
PG04943	174.40	174.90	0.50	0.0820	0.3120	0.0120
PG04940	176.35	177.00	0.65	0.1260	0.2150	0.0120
PG04941	177.00	178.00	1.00	0.0420	0.0780	0.0040
PG04942	178.00	178.60	0.60	0.0550	0.0830	0.0060

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Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure							
		220.67 - 220.69 : F Fractured, 50 Deg to CA minor fault zone.							
		249.30 - 249.30 : G Gouge, 65 Deg to CA							
		RQD							
		170.80 - 176.35 : 86.50 % RQD 100.00 % Core							
		176.35 - 179.90 : 83.40 % RQD 100.00 % Core							
		179.90 - 183.10 : 73.80 % RQD 100.00 % Core							
		183.10 - 186.50 : 58.50 % RQD 100.00 % Core							
		186.50 - 191.80 : 88.70 % RQD 100.00 % Core							
		191.80 - 193.95 : 58.10 % RQD 100.00 % Core							
		193.95 - 194.80 : 43.40 % RQD 100.00 % Core							
		194.80 - 196.20 : 50.00 % RQD 100.00 % Core							
		196.20 - 197.25 : 9.50 % RQD 100.00 % Core							
		197.25 - 198.55 : 60.00 % RQD 100.00 % Core							
		198.55 - 199.10 : 0.00 % RQD 100.00 % Core							
		199.10 - 199.45 : 0.00 % RQD 100.00 % Core							
		199.45 - 200.10 : 0.00 % RQD 100.00 % Core							
		200.10 - 201.00 : 62.20 % RQD 100.00 % Core							
		201.00 - 202.60 : 67.50 % RQD 100.00 % Core							
		202.60 - 206.80 : 91.20 % RQD 100.00 % Core							
		206.80 - 209.25 : 85.30 % RQD 100.00 % Core							
		209.25 - 210.75 : 74.00 % RQD 100.00 % Core							
		210.75 - 211.80 : 81.00 % RQD 100.00 % Core							
		211.80 - 214.45 : 82.30 % RQD 100.00 % Core							
		214.45 - 215.00 : 50.90 % RQD 100.00 % Core							
		215.00 - 216.80 : 27.20 % RQD 100.00 % Core							
		216.80 - 218.05 : 8.00 % RQD 100.00 % Core							
		218.05 - 218.85 : 0.00 % RQD 100.00 % Core							
		218.85 - 220.60 : 35.40 % RQD 100.00 % Core							
		220.60 - 223.75 : 31.40 % RQD 100.00 % Core							
		223.75 - 227.80 : 64.20 % RQD 100.00 % Core							
		227.80 - 230.45 : 82.60 % RQD 100.00 % Core							
		230.45 - 235.90 : 62.80 % RQD 100.00 % Core							
		235.90 - 237.90 : 56.00 % RQD 100.00 % Core							
		237.90 - 240.50 : 68.10 % RQD 100.00 % Core							
		240.50 - 242.40 : 38.90 % RQD 100.00 % Core							
		242.40 - 243.90 : 40.00 % RQD 100.00 % Core							
		243.90 - 246.05 : 79.10 % RQD 100.00 % Core							

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Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD 246.05 - 248.10 : 67.30 % RQD 100.00 % Core 248.10 - 249.30 : 58.30 % RQD 100.00 % Core							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type ASSAY					
PG04930	69.40	70.80	0.0980	0.0850	0.0070
PG04931	70.80	72.30	0.1010	0.0960	0.0090
PG04932	72.30	73.80	0.0620	0.0610	0.0060
PG04933	73.80	74.80	0.0660	0.0660	0.0070
PG04934	95.90	96.80	0.1900	0.1290	0.0090
PG04935	96.80	98.30	0.1670	0.1220	0.0080
PG04936	98.30	99.60	0.1930	0.1390	0.0100
PG04937	99.60	101.10	0.1610	0.1200	0.0080
PG04938	142.00	142.80	0.1720	0.4180	0.0110
PG04939	147.30	148.00	0.3240	0.3810	0.0200
PG04943	174.40	174.90	0.0820	0.3120	0.0120
PG04940	176.35	177.00	0.1260	0.2150	0.0120
PG04941	177.00	178.00	0.0420	0.0780	0.0040
PG04942	178.00	178.60	0.0550	0.0830	0.0060