

## DETAILED LOG

Hole Number: ER2007-31

Units: METRIC

Project Name: Norway - South Norway	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -49.00
Project Number: 203	North: 6659783.39	North: 60.07	Collar Az: 333.70
Location: Ertelia	East: 557757.13	East: 10.04	Length: 149.20 (m)
	Elev: 198.37	Elev: 198.37	Start Depth: 0.00 (m)
Date Started: Jan 23, 2007	Collar Survey: N	Plugged: N	Contractor: Drillcon Core AB
Date Completed: Jan 30, 2007	Multishot Survey: N	Hole Size: WL-56/39	Core Storage:
Logged By: J. Der Weduwen	Pulse EM Survey: N	Casing: Left in hole, capped.	Final Depth: 149.20 (m)

Comments:

## Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	2.25	O/B, Overburden Overburden Casing extended to 4.45m							

Hole Number: ER2007-31

Units: METRIC

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
2.25	149.20	<p>GAB, Gabbro Gabbronorite Medium to dark grey-green and fine to medium grained. Locally mottled dark green/medium grey - about fractures/faults and felsic dykes. An altered plagioclase - pyroxene assemblage with 2% to 5% fine brown biotite and local fine masses pink garnet. Thin (2 to 20mm) serpentine, serpentine-carbonate, carbonate and chloritic filled fractures/faults. Minor thin (5mm to 15cm) pegmatitic dykes and sweats.</p> <p>5.00 - 6.60 Badly broken section - due to a oxydized fracture and serp-carb filled fault zone.</p> <p>7.80 - 10.20 Partially broken core - due to flat, undulating faultts at 0 to 20 deg. to CA.</p> <p>12.40 - 14.10 Broken core - includes 0.20m lost (ground) core.</p> <p>14.10 - 14.41 Mafic Dyke Upper contact at 40 deg. - faulted and lower contact at 40 deg. to CA Dark grey, fine grained and massive.</p> <p>28.25 - 29.30 Partially broken core.</p> <p>41.00 - 43.20 Mottled section - dark green/medium grey in colour and coarse grained. Locally partially broken.</p> <p>52.25 - 52.65 Pegmatitic Quartz Vein Upper contact at 45 to 50 deg. and lower contact broken Broken throughout. Moderately fractured - biotite filled.</p> <p>52.65 - 53.30 Partially broken core.</p> <p>55.85 - 56.15 Broken core - due to serpentine filled fault.</p> <p>67.60 - 70.10 Broken section - due to 15 to 40mm quartz-feldspar pegmatite dyke at 0 to 10 deg. to CA. Gabbronorite about thin dyke a pale green with white "ragged" garnets to 0.5cm. Broken throughout - filling fracture?</p> <p>97.30 - 97.50 Pegmatite Dyke Upper contact at 30 deg. and lower contact at 70 deg. to CA @ 97.41 and 97.43 thin chloritic faults at 70 deg. to CA.</p> <p>121.30 - 122.50 Coarse mottled section - dark green/medium grey Partially broken with 5% thin pegmatite dyking</p>							

Hole Number: ER2007-31

Units: METRIC

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
	121.50 - 121.75	Sheared biotitic dyke? at 20 deg. to CA <del>sharp contacts</del>							
	128.55 - 130.05	Coarse mottled section - dark green/medium grey in colour. Includes several flat (0 to 30deg.) serpentine filled fractures/faults.							
	136.80 - 138.70	Weak to well developed mottled section - dark green spotting/flecks in a medium grey background. Several thin flat serpentine filled fractures. 5% thin pegmatitic dyking							
	140.33 - 140.65	Aplitic Dyke (pegmatite?) Upper contact at 30 deg - marked by 20mm zone of fault gouge. Broken throughout White to dark grey and fine grained Lower contact broken - faulted							
	145.10 - 145.95	Very coarse grained gabbro-norite - pyroxene crystals to 2.0cm. Strongly magnetic							
	149.20	End of Hole							
		Structure							
	11.25 - 11.40	: FLT Fault, 30 Deg to CA 50mm carb filled fault zone.							
	13.60 - 13.80	: SHR Shear, 35 Deg to CA broken with 15% quartz							
	14.03 - 14.10	: FLT Fault, 40 Deg to CA partially broken, biotitic fault gouge							
	14.60 - 15.35	: Frct Fracture, 5 Deg to CA Undulating 5 to 10mm broken carb-serp filled							
	17.62 - 17.62	: FLT Fault, 35 Deg to CA 20mm carb-chl filled							
	21.31 - 21.31	: FLT Fault, 20 Deg to CA 15 o 20mm chl-carb filled							
	25.35 - 25.35	: Frct Fracture, 20 Deg to CA 5mm & chloritic							
	31.00 - 31.00	: FLT Fault, 45 Deg to CA 15 to 20mm carb-chl filled.							
	41.68 - 42.40	: FLT Fault, 15 Deg to CA undulating 30 to 50mm carb-qtz-chl filled fault zone.							
	49.40 - 49.77	: Frct Fracture, 7 Deg to CA 10 to 15mm serpentine filled - broken							
	50.06 - 50.06	: Frct Fracture, 60 Deg to CA 5 to 7mm serp-carb filled							
	53.94 - 53.94	: FLT Fault, 70 Deg to CA 10 to 12mm serp-carb filled							
	54.18 - 54.18	: Frct Fracture, 70 Deg to CA serpentine filled							

Hole Number: ER2007-31

Units: METRIC

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure							
		57.96 - 58.08 : FLT Fault, 30 Deg to CA							
		30mm broken chl-carb filled fault zone							
		59.60 - 59.60 : Frct Fracture, 20 Deg to CA							
		3mm serpentine filled							
		61.36 - 61.36 : FLT Fault, 70 Deg to CA							
		10 to 12mm carbonate filled							
		62.00 - 62.00 : Frct Fracture, 20 Deg to CA							
		5 to 7mm serpentine filled							
		73.06 - 73.06 : FLT Fault, 30 Deg to CA							
		7 to 10mm carb-serp filled							
		75.54 - 75.54 : FLT Fault, 70 Deg to CA							
		broken 30 to 40mm carbonate filled							
		79.10 - 79.20 : Frct Fracture, 30 Deg to CA							
		broken serpentine filled							
		96.30 - 96.30 : Frct Fracture, 60 Deg to CA							
		3mm serpentine filled.							
		100.86 - 100.86 : Frct Fracture, 25 Deg to CA							
		10mm serpentine filled - partailly broken.							
		102.28 - 102.28 : Frct Fracture, 70 Deg to CA							
		7 to 10mm serpentine filled							
		103.05 - 103.05 : Frct Fracture, 70 Deg to CA							
		3 to 5mm serp-carb filled							
		103.61 - 103.61 : Frct Fracture, 60 Deg to CA							
		minor serpentine filled							
		110.10 - 110.10 : Frct Fracture, 30 Deg to CA							
		minor, partially broken serpentine filled fracture							
		112.91 - 113.00 : FLT Fault, 60 Deg to CA							
		badly broken zone of fault gouge							
		114.40 - 114.40 : FLT Fault, 30 Deg to CA							
		15 to 20mm chl-carb filled shear							
		117.84 - 117.84 : FLT Fault, 40 Deg to CA							
		broken, 15 to 20mm fault - filled by quartz (dyke?)							
		122.34 - 122.34 : FLT Fault, 70 Deg to CA							
		10mm zone of fault gouge							
		130.66 - 130.66 : FLT Fault, 30 Deg to CA							
		minor zone of fault gouge							
		143.14 - 143.14 : Frct Fracture, 20 Deg to CA							
		partially broken & serpentine filled							

# DETAILED LOG

Hole Number: ER2007-31

Units: METRIC

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		MINOR INTERVALS: Minor Interval: 66.27 - 67.6 MD, Mafic Dyke Mafic Dyke Upper contact marked by 15mm pegmatite dyke - actual contact with dyke at 20 deg. to CA. Pale green (about pegmatite sweats) to dark grey-green and fine grained. Weakly fractures with bleached margins at 20 to 30 deg. to CA. Lower contact broken Structure 66.27 - 66.27 : UC Upper Contact, 20 Deg to CA							