

Hole Number: ER2007-32

Units: METRIC

Project Name: Norway - South Norway	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -51.00
Project Number: 203	North: 6659779.70	North: 60.07	Collar Az: 254.10
Location: Ertelia	East: 557762.31	East: 10.04	Length: 145.85 (m)
	Elev: 197.20	Elev: 197.20	Start Depth: 0.00 (m)
Date Started: Jan 31, 2007	Collar Survey: N	Plugged: N	Contractor: Drillcon Core AB
Date Completed: Feb 02, 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: 145.85 (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	1.20	O/B, Overburden Overburden Casing pushed to 2.85m.							

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
1.20	145.85	GAB, Gabbro Gabbro-norite Medium grey green, fine to medium grained and massive Predominantly a altered plagioclase - pyroxene assemblage with 5% to 10% fine brown masses biotite and local fine patches of pale pink garnets. Locally mottled - with coarse (1 to 3mm) dark green chloritic spots in a medium grey background - occurs primarily about thin serpentine filled fractures/faults. Minor thin pegmatite dykes or "sweats". 2.80 - 3.40 Badly broken core - oxidized fractues. 5.20 - 5.34 Broken core - In part a fault zone (gouge) at 40 deg. to CA. 10.00 - 10.20 Partially broken core. 23.60 - 33.20 Partially broken core - predominantly due to series of flat undulating serpentine-carboate filled fractures/faults at 0 to 10 deg. and 30 deg. to CA. Slickensides noted on several fault surfaces. 34.60 - 36.80 Coarse mottled section - dark green spotting ia a medium to dark grey background. Partially broken due to series of serpentine-carbonate filled fractures at 20 to 30 deg. to CA. 44.97 - 46.05 Altered section - mottled a dark green - grey - orange. An plagioclase-chlorite?- "ragged" garnet assemblage 7% to 10% thin (5mm to 40mm) pegmatite dykes. 46.05 - 47.00 Mafic Dyke Upper contact marked by 12mm pegmatite dyke at 70 deg. to CA Dark grey, fine grained and weakly fractured. 5% thin siliceous veins/dykes at 50 to 70 deg. to CA Lower contact marked by 40mm pegmatite dyke at 70 deg. to CA. 55.90 - 59.30 Broken mottled section - dark green spotting with medium grey background. Broken because of series of fractures/faults at 0 to 10 deg and 30 deg. to CA. 81.70 - 82.35 Broken core - due to series of fault zones at 75 to 80 deg. to CA. 86.00 - 87.05 Flat chloritic fracture at 0 to 5 deg - running almost parallel to C. One side filled by pegmatite dyke - width? Margin of zone coarsly mottled with 2% to 3% "ragged" dark pink to orange garnet. 99.60 - 101.60 Partially broken mottled section - dark green spotting in a medium arev backaround.	PG04984	139.40	139.90	0.50	0.0510	0.2240	0.0060

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From (m)	To (m)	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
	<p>100.80 - 101.00 Fault zone at 35 to 40 deg. to CA Zone of fault breccia with 20% pegmatite fragments in a serp-carb matrix. Significant structure?</p> <p>111.60 - 111.95 Broken core - due to several serpentine filled fractures.</p> <p>A 113.88 Minor blebby Po and Tr exsolved Cpy</p> <p>114.77 - 114.97 Pegmatite Dyke Upper contact faulted at 50 deg and lower contact broken. Predominantly a white fractured quartz 5% fine blackmasses - biotite</p> <p>129.40 - 130.09 Mafic Dyke Upper contact at approximately 40 deg. - indistinct due to garnet envelopment Medium to dark grey and fine grained Weakly fractured at 45 deg. to CA. Lower contact appears gradational, but at 45 deg. to CA</p> <p>130.09 - 140.70 Distinct coarse mottled section - large dark green chloritic masses, to 5cm, with pale orange garnets within chlorite. Best noted when core is dry.</p> <p>133.32 - 133.65 Broken core - possible fault.</p> <p>143.30 - 143.70 Badly broken core.</p> <p>144.52 - 145.23 Mafic Dyke Upper contact at 45 deg. and lower contact at 65 deg. to CA Dark grey, fine grained and massive Minor blebby Po</p> <p>145.85 End of Hole</p> <p>Mineralization</p> <p>136.30 - 136.66 : PO Pyrrhotite, F Fracture Controlled, 1% streaky</p> <p>139.73 - 139.79 : Cpy Chalcopyrite, FG Fine Grained, 2%</p> <p>139.73 - 139.79 : PO Pyrrhotite, FG Fine Grained, 15%</p> <p>Structure</p> <p>6.09 - 6.09 : FLT Fault, 70 Deg to CA 10mm qtz-chl filled - minor fault</p> <p>6.17 - 6.17 : Frct Fracture, 60 Deg to CA 10mm serpentine filled</p> <p>7.60 - 7.60 : Frct Fracture, 60 Deg to CA broken 10mm serpentine filled</p> <p>7.65 - 7.65 : FLT Fault, 70 Deg to CA 10mm zone of fault gouge</p> <p>9.05 - 9.05 : FLT Fault, 60 Deg to CA 10 to 12mm broken fault zone</p>							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure							
		10.90 - 10.90 : Frct Fracture, 20 Deg to CA partially broken and serpentine filled							
		10.97 - 10.97 : Frct Fracture, 60 Deg to CA 7mm serp-carb filled							
		12.90 - 12.90 : Frct Fracture, 30 Deg to CA 5mm serp-carb filled							
		16.75 - 16.75 : FLT Fault, 25 Deg to CA 8 to 10mm carb-chl filled fault zone							
		17.35 - 17.35 : Frct Fracture, 20 Deg to CA broken and serpentine filled							
		20.80 - 20.80 : Frct Fracture, 60 Deg to CA broken 7 to 10mm and serpentine filled							
		22.63 - 22.63 : Frct Fracture, 60 Deg to CA serpentine filled							
		41.60 - 41.60 : FLT Fault, 20 Deg to CA a 10 to 15mm carb-chl filled fault zone							
		48.80 - 48.80 : Frct Fracture, 20 Deg to CA chl-quartz filled							
		50.60 - 50.80 : FLT Fault, 20 Deg to CA partially broken 30 to 35mm serp-carb filled fault zone							
		58.10 - 58.85 : FLT Fault, 5 Deg to CA badly broken 20 to 30mm carb-chl filled fault zone							
		61.70 - 61.70 : FLT Fault, 30 Deg to CA 10 to 15mm carb-chl filled							
		66.22 - 66.22 : Frct Fracture, 30 Deg to CA broken and serpentine filled							
		66.31 - 66.31 : Frct Fracture, 40 Deg to CA 7 to 10mm serpentine filled							
		68.05 - 68.05 : FLT Fault, 35 Deg to CA 15 to 20mm serp-carb filled fault zone							
		68.77 - 68.77 : Frct Fracture, 20 Deg to CA 2 to 3mm and serpentine filled							
		73.61 - 73.61 : Frct Fracture, 60 Deg to CA 2mm and serpentine filled							
		74.12 - 74.12 : FLT Fault, 40 Deg to CA 15 to 20mm serp-carb filled fault zone							
		75.30 - 75.30 : Frct Fracture, 60 Deg to CA 5mm in width and serpentine filled							
		75.53 - 75.66 : Frct Fracture, 15 Deg to CA flat undulating & serp-carb filled							
		76.45 - 76.92 : Frct Fracture, 10 Deg to CA flat undulating & serp-carb filled							
		79.04 - 79.04 : Frct Fracture, 40 Deg to CA 5mm wide and serpentine filled							
		80.10 - 80.10 : FLT Fault, 40 Deg to CA a 10 to 15mm carb-serp filled fault zone							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%	
		Structure 87.83 - 87.83 : Frct Fracture, 40 Deg to CA 3mm wide and serpentine filled 89.90 - 89.90 : Frct Fracture, 40 Deg to CA 10 to 20mm wide and serpentine filled 91.43 - 91.43 : Frct Fracture, 30 Deg to CA 10mm wide and serpentine filled 94.00 - 94.00 : FLT Fault, 30 Deg to CA 20 to 25mm serp-chl-carb fault zone 98.30 - 98.30 : FLT Fault, 20 Deg to CA a 20 to 30mm serp-carb filled fault zone - mottled margins 99.27 - 99.27 : Frct Fracture, 60 Deg to CA 3mm wide and serpentine filled 100.80 - 101.00 : FLT Fault, 35 Deg to CA 20cm fault breccia 102.13 - 102.13 : Frct Fracture, 40 Deg to CA 3mm wide and serpentine filled 102.41 - 102.41 : FLT Fault, 40 Deg to CA a 10mm carb-chl filled fault zone 106.00 - 106.00 : Frct Fracture, 25 Deg to CA 2mm wide and serpentine filled 106.38 - 106.87 : Frct Fracture, 5 Deg to CA flat, undulating serpentine filled and partially broken 110.98 - 110.98 : FLT Fault, 85 Deg to CA 5mm serp-carb filled fault zone 111.04 - 111.04 : FLT Fault, 60 Deg to CA a 20 to 30mm serp-carb filled fault zone at 55 to 70 deg. 115.97 - 115.97 : FLT Fault, 30 Deg to CA a 10 to 12mm carb-serp filled fault zone 119.72 - 119.72 : FLT Fault, 20 Deg to CA 5 to 10mm in width and carb-serp filled 121.57 - 121.57 : Frct Fracture, 30 Deg to CA 7 to 10mm wide and serpentine filled 122.95 - 122.95 : Frct Fracture, 30 Deg to CA 3mm wide and serpentine filled 133.15 - 133.15 : Frct Fracture, 30 Deg to CA 7 to 10mm wide and serpentine filled. 134.50 - 134.50 : FLT Fault, 20 Deg to CA serpentine filled fault gouge 140.70 - 140.70 : FLT Fault, 35 Deg to CA broken chloritic fault gouge								

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type ASSAY					
PG04984	139.40	139.90	0.0510	0.2240	0.0060