

## DETAILED LOG

Hole Number: ER2007-28

Units: METRIC

Project Name: Norway - South Norway	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -49.00
Project Number: 203	North: 6659736.45	North: 60.07	Collar Az: 228.80
Location: Ertelia	East: 557796.30	East: 10.04	Length: 242.05 (m)
	Elev: 188.19	Elev: 188.19	Start Depth: 0.00 (m)
Date Started: Jan 09, 2007	Collar Survey: N	Plugged: N	Contractor: Drillcon Core AB
Date Completed: Jan 19, 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: 242.05 (m)

Comments: Hole designed to test Gabbonorite - Geissic contact in northwest part of Gabbonorite body.

Contact intersected at approximately 205m, indicating a steep dip to the east. No sulphides were intersected within the Gabbonorite.

## Sample Averages

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	3.65	O/B, Overburden Overburden Casing pushed to 5.65m.							



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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Upper contact at 30 deg. and faulted and lower contact at 70 deg. to CA Altered chlorite (amphibole)-garnet margins to 30cm.							
	154.91 - 155.70	Badly broken core - several serpentine filled fractures present.							
	159.25 - 162.85	Broken altered phase of gabbro A chlorite (amphibole?)-garnet assemblage Locally very badly broken - a fault breccia (brecciated pegmatite). Weak to moderate gneissosity at 60 to 75 deg. to CA.							
	167.10 - 167.91	Mafic Dyke Upper contact marked by 80mm pegmatite - partially broken. Black, fine grained and massive Partially broken Lower contact at 70 deg. - marked by 2 to 5mm quartz sweat.							
	174.70 - 175.20	Badly broken section - due to flat, undulating serpentine filled fracture at 0 to 15 deg. to CA							
	175.45 - 176.00	Badly broken section - due to flat serpentine filled fracture at 0 to 15 deg. to CA							
	183.30 - 184.80	Very badly broken section - fault zone. Mottled a dark green/medium grey.							
	184.98 - 185.20	Pegmatite Dyke both contacts sheared/faulted at 30 to 35 deg. to CA A fractured pale grey to white fractured pegmatite with 5% wall-rock inclusions.							
	190.00 - 193.50	Coarse dark grey-green gabbro with 2% to 3% distinct bronzite crystals. Minor serpentine filled fractures 2 to 3% pegmatitic dykes and sweats.							
	193.50 - 198.80	Very coarse altered section - a pyroxene-plagioclase-garnet assemblage. 5 to 10% pegmatitic dyking Garnets have a "ragged" habit - to 2.0 cm							
	201.20 - 204.87	Coarse altered section - adjacent to pegmatite dyke. Dark grey-green pyroxene-garnet-plagioclase assemblage.							
	12.55 - 12.59	Structure FLT Fault, 50 Deg to CA broken, serpentine filled							
	13.02 - 13.07	Fracture, 40 Deg to CA broken, serp-carb filled fracture							
	21.67 - 21.67	FLT Fault, 55 Deg to CA 2 to 3mm carb-chl filled							
	24.11 - 24.11	FLT Fault, 70 Deg to CA 10mm serpentine filled							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure							
		24.52 - 24.52 : FLT Fault, 70 Deg to CA							
		5 to 10mm serpentine filled							
		24.53 - 25.00 : Frct Fracture, 5 Deg to CA							
		broken, flat chl-carb filled fracture.							
		25.16 - 25.20 : FLT Fault, 30 Deg to CA							
		5 to 10mm carb-chl filled fault							
		26.27 - 26.31 : FLT Fault, 40 Deg to CA							
		5mm serpentine filled							
		28.10 - 28.13 : FLT Fault, 80 Deg to CA							
		15 to 20mm serpentine filled							
		28.41 - 28.45 : Frct Fracture, 80 Deg to CA							
		serpentinized zone							
		32.81 - 32.81 : FLT Fault, 70 Deg to CA							
		2 to 5mm chl-carb filled							
		32.85 - 32.85 : FLT Fault, 70 Deg to CA							
		2 to 5mm chl-carb filled							
		32.89 - 32.89 : FLT Fault, 70 Deg to CA							
		2 to 5mm chl-carb filled							
		34.42 - 34.73 : FLT Fault, 20 Deg to CA							
		broken fault - chl-carb filled							
		36.97 - 37.02 : FLT Fault, 45 Deg to CA							
		10mm serpentine filled							
		43.96 - 44.03 : FLT Fault, 45 Deg to CA							
		serp-carb filled							
		45.85 - 45.85 : FLT Fault, 80 Deg to CA							
		a 10 to 20mm broken fault zone							
		48.15 - 48.55 : Frct Fracture, 10 Deg to CA							
		broken flat, undulating fracture							
		56.82 - 57.00 : FLT Fault, 20 Deg to CA							
		30mm carb-serp filled							
		57.74 - 57.77 : FLT Fault, 60 Deg to CA							
		10 to 20mm chl-carb filled							
		57.90 - 57.90 : FLT Fault, 75 Deg to CA							
		3 to 5mm chlorite filled							
		58.68 - 58.96 : Frct Fracture, 15 Deg to CA							
		flat and broken							
		67.38 - 67.61 : Frct Fracture, 10 Deg to CA							
		73.70 - 74.17 : Frct Fracture, 10 Deg to CA							
		flat							
		83.13 - 83.27 : Frct Fracture, 20 Deg to CA							
		chloritic filled							
		85.90 - 85.98 : FLT Fault, 40 Deg to CA							
		15 to 20mm broken and carb-chl filled							
		87.64 - 87.66 : FLT Fault, 75 Deg to CA							
		10 to 15mm carb-chl filled							
		92.77 - 92.86 : Frct Fracture, 20 Deg to CA							
		carb-serp filled							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure							
		103.10 - 103.14 : FLT Fault, 50 Deg to CA							
		10mm chl-gar filled							
		103.37 - 104.01 : Frct Fracture, 10 Deg to CA							
		undulating fracture							
		105.75 - 105.82 : FLT Fault, 25 Deg to CA							
		10mm carb-chl filled							
		107.22 - 107.38 : Frct Fracture, 15 Deg to CA							
		flat carb filled fracture							
		112.77 - 112.77 : FLT Fault, 70 Deg to CA							
		7mm & peg. filled							
		114.12 - 114.12 : Frct Fracture, 65 Deg to CA							
		minor fault gouge							
		120.75 - 120.75 : FLT Fault, 55 Deg to CA							
		15mm partially broken fault							
		121.96 - 122.20 : Frct Fracture, 10 Deg to CA							
		broken chloritic fracture							
		122.55 - 122.55 : FLT Fault, 75 Deg to CA							
		40 to 50mm fault gouge							
		133.26 - 133.26 : FLT Fault, 65 Deg to CA							
		minor fault							
		146.67 - 147.75 : Frct Fracture, 5 Deg to CA							
		flat undulating 5 to 10mm serp-carb filled fracture.							
		150.06 - 152.28 : Frct Fracture, 5 Deg to CA							
		flat, broken 5 to 10mm serp-carb filled fracture.							
		154.77 - 154.91 : FLT Fault, 20 Deg to CA							
		serpentine filled							
		155.83 - 155.83 : FLT Fault, 70 Deg to CA							
		5 to 7mm serp-carb filled							
		157.58 - 157.59 : Frct Fracture, 70 Deg to CA							
		7mm serpentine filled							
		158.10 - 158.12 : Frct Fracture, 70 Deg to CA							
		3 to 5mm serpentine filled							
		159.90 - 160.80 : FLT Fault, 65 Deg to CA							
		pegmatitic fault breccia							
		179.71 - 179.73 : FLT Fault, 70 Deg to CA							
		10mm serpentine filled							
		186.89 - 186.89 : SHR Shear, 50 Deg to CA							
		5 to 10mm serp-carb shear							
		204.87 - 204.87 : LC Lower Contact, 60 Deg to CA							
		gabbronorite/gneisse contact							
		RQD							
		3.65 - 5.65 : 43.50 % RQD 100.00 % Core							
		5.65 - 8.30 : 96.20 % RQD 100.00 % Core							
		8.30 - 13.10 : 91.70 % RQD 100.00 % Core							
		13.10 - 17.20 : 92.00 % RQD 100.00 % Core							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD							
17.20	19.65	85.70 % RQD 100.00 % Core							
19.65	23.20	93.50 % RQD 100.00 % Core							
23.20	27.10	82.30 % RQD 100.00 % Core							
27.10	28.30	60.00 % RQD 100.00 % Core							
28.30	32.20	91.00 % RQD 100.00 % Core							
32.20	35.10	80.30 % RQD 100.00 % Core							
35.10	39.65	86.80 % RQD 100.00 % Core							
39.65	41.90	54.70 % RQD 100.00 % Core							
41.90	45.50	83.30 % RQD 100.00 % Core							
45.50	48.60	72.60 % RQD 100.00 % Core							
48.60	53.20	84.80 % RQD 100.00 % Core							
53.20	57.90	82.10 % RQD 100.00 % Core							
57.90	58.80	68.90 % RQD 100.00 % Core							
58.80	62.20	90.60 % RQD 100.00 % Core							
62.20	68.20	90.30 % RQD 100.00 % Core							
68.20	74.20	79.30 % RQD 100.00 % Core							
74.20	76.60	93.80 % RQD 100.00 % Core							
76.60	80.20	88.30 % RQD 100.00 % Core							
80.20	83.00	85.70 % RQD 100.00 % Core							
83.00	87.00	81.80 % RQD 100.00 % Core							
87.00	89.50	72.80 % RQD 100.00 % Core							
89.50	92.10	0.00 % RQD 100.00 % Core							
92.10	94.00	51.60 % RQD 100.00 % Core							
94.00	95.50	44.70 % RQD 100.00 % Core							
95.50	97.50	27.50 % RQD 100.00 % Core							
97.50	99.10	0.00 % RQD 100.00 % Core							
99.10	100.30	27.50 % RQD 100.00 % Core							
100.30	102.70	76.70 % RQD 100.00 % Core							
102.70	103.90	48.30 % RQD 100.00 % Core							
103.90	107.50	70.80 % RQD 100.00 % Core							
107.50	108.45	26.30 % RQD 100.00 % Core							
108.45	111.70	79.40 % RQD 100.00 % Core							
111.70	114.30	85.80 % RQD 100.00 % Core							
114.30	116.50	57.70 % RQD 100.00 % Core							
116.50	117.90	11.40 % RQD 100.00 % Core							
117.90	120.70	49.30 % RQD 100.00 % Core							
120.70	125.80	66.90 % RQD 100.00 % Core							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD							
		125.80 - 127.70 : 90.00 % RQD 100.00 % Core							
		127.70 - 130.95 : 77.50 % RQD 100.00 % Core							
		130.95 - 137.10 : 94.60 % RQD 100.00 % Core							
		137.10 - 139.60 : 82.40 % RQD 100.00 % Core							
		139.60 - 142.20 : 73.10 % RQD 100.00 % Core							
		142.20 - 145.85 : 78.40 % RQD 100.00 % Core							
		145.85 - 147.75 : 45.30 % RQD 100.00 % Core							
		147.75 - 151.00 : 66.80 % RQD 100.00 % Core							
		151.00 - 154.70 : 62.40 % RQD 100.00 % Core							
		154.70 - 155.65 : 14.70 % RQD 100.00 % Core							
		155.65 - 158.30 : 71.70 % RQD 100.00 % Core							
		158.30 - 159.90 : 51.90 % RQD 100.00 % Core							
		159.90 - 162.80 : 25.90 % RQD 100.00 % Core							
		162.80 - 166.00 : 66.60 % RQD 100.00 % Core							
		166.00 - 166.70 : 22.90 % RQD 100.00 % Core							
		166.70 - 167.60 : 30.00 % RQD 100.00 % Core							
		167.60 - 168.85 : 30.40 % RQD 100.00 % Core							
		168.85 - 170.30 : 46.90 % RQD 100.00 % Core							
		170.30 - 174.20 : 71.30 % RQD 100.00 % Core							
		174.20 - 175.00 : 66.30 % RQD 100.00 % Core							
		175.00 - 176.00 : 24.00 % RQD 100.00 % Core							
		176.00 - 179.85 : 81.80 % RQD 100.00 % Core							
		179.85 - 180.95 : 29.10 % RQD 100.00 % Core							
		180.95 - 181.60 : 78.50 % RQD 100.00 % Core							
		181.60 - 182.35 : 0.00 % RQD 100.00 % Core							
		182.35 - 183.70 : 48.90 % RQD 100.00 % Core							
		183.70 - 184.80 : 0.00 % RQD 100.00 % Core							
		184.80 - 186.60 : 53.30 % RQD 100.00 % Core							
		186.60 - 187.20 : 16.70 % RQD 100.00 % Core							
		187.20 - 188.15 : 43.20 % RQD 100.00 % Core							
		188.15 - 189.50 : 34.10 % RQD 100.00 % Core							
		189.50 - 190.55 : 68.60 % RQD 100.00 % Core							
		190.55 - 193.65 : 68.40 % RQD 100.00 % Core							
		193.65 - 196.80 : 91.10 % RQD 100.00 % Core							
		196.80 - 202.00 : 71.50 % RQD 100.00 % Core							
		202.00 - 205.00 : 81.70 % RQD 100.00 % Core							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		MINOR INTERVALS: Minor Interval: 198.8 - 201.2 PEG, Pegmatite Pegmatite Dyke Upper contact at 40 deg. - muscovite rich and lower contact gradational? White to grey fractured quartz and feldspar with 5% very coarse biotite and muscovite. Structure 198.80 - 198.83 : UC Upper Contact, 40 Deg to CA							





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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD							
		208.20 - 212.20 : 90.00 % RQD 100.00 % Core							
		212.20 - 214.50 : 70.00 % RQD 100.00 % Core							
		214.50 - 217.45 : 81.70 % RQD 100.00 % Core							
		217.45 - 219.00 : 29.70 % RQD 100.00 % Core							
		219.00 - 219.50 : 0.00 % RQD 100.00 % Core							
		219.50 - 221.00 : 61.30 % RQD 100.00 % Core							
		221.00 - 222.40 : 44.30 % RQD 100.00 % Core							
		222.40 - 223.20 : 55.00 % RQD 100.00 % Core							
		223.20 - 224.40 : 51.70 % RQD 100.00 % Core							
		224.40 - 227.20 : 75.00 % RQD 100.00 % Core							
		227.20 - 231.80 : 62.60 % RQD 100.00 % Core							
		231.80 - 233.20 : 57.90 % RQD 100.00 % Core							
		233.20 - 236.30 : 48.40 % RQD 100.00 % Core							
		236.30 - 238.70 : 53.30 % RQD 100.00 % Core							
		238.70 - 242.05 : 71.90 % RQD 100.00 % Core							