

DETAILED LOG

Hole Number: ER2006-20

Units: METRIC

Project Name: Norway - South Norway	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -79.30
Project Number: 203	North: 6659692.10	North: 60.07	Collar Az: 43.70
Location: Ertelia	East: 558006.70	East: 10.04	Length: 106.60 (m)
	Elev: 161.70	Elev: 161.70	Start Depth: 0.00 (m)
Date Started: Oct 23, 2006	Collar Survey: N	Plugged: N	Contractor:
Date Completed: Oct 26, 2006	Multishot Survey: N	Hole Size: NQ	Core Storage:
Logged By: larsw	Pulse EM Survey: N	Casing: Left in Hole, capped	Final Depth: 106.60 (m)

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	43.70	-79.30	EZ	OK		25.00	45.20	-79.30	EZ	OK	
50.00	46.80	-79.40	EZ	OK		100.00	53.30	-78.80	EZ	OK	

Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	6.00	C, Casing RQD 2.90 - 6.00 : 100.00 % RQD 100.00 % Core							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
6.00	106.60	<p>7, Undivided Mafic Intrusive</p> <p>This unit consists of a fine- to medium-grained dark gray, plagioclase and pyroxene-bearing, non-foliated, trace mineralized, non-magnetic gabbro. The rock is coarser-grained near faults and shears where fluids seem to have triggered recrystallization. The rock is very biotite-rich within ~60cm of pegmatitic minor unit.</p> <p>The unit is extensively cut by faults and shears.</p> <p>Fine-grained mafic intrusive at 94.34 - 95.40m; the upper contact is sharp at 70 degrees tca, the lower contact is brecciated</p> <p>The lower contact is this unit is not known as the hole was lost in a fault zone.</p> <p>Structure</p> <p>10.50 - 11.05 broken core, no attitude</p> <p>12.00 - 12.40 : F Fractured, 40 Deg to CA broken core</p> <p>18.22 - 18.40 : S Schistose, 20 Deg to CA serpentinized</p> <p>21.50 - 21.80 : F Fractured, 20 Deg to CA broken core</p> <p>22.65 - 22.80 : F Fractured, 20 Deg to CA broken core</p> <p>41.77 - 41.90 : F Fractured, 30 Deg to CA broken core, serpentinized</p> <p>74.60 - 74.66 : S Schistose, 40 Deg to CA serpentinized</p> <p>79.65 - 80.20 : S Schistose, 40 Deg to CA serpentinized, somewhat broken</p> <p>80.40 - 80.60 : F Fractured, 20 Deg to CA fault gouge</p> <p>80.93 - 81.00 : S Schistose, 30 Deg to CA serpentinized</p> <p>84.00 - 86.50 : F Fractured, 30 Deg to CA broken core, serpentinized</p> <p>97.20 - 99.10 : F Fractured, 25 Deg to CA broken core, serpentinized</p> <p>99.90 - 100.20 : F Fractured, 30 Deg to CA broken core</p> <p>103.00 - 103.30 : F Fractured, 25 Deg to CA broken core, serpentinized</p> <p>105.15 - 106.60 : F Fractured, 30 Deg to CA very broken core; hole lost in this fault</p> <p>RQD</p> <p>6.00 - 9.00 : 87.00 % RQD 100.00 % Core</p> <p>9.00 - 12.00 : 63.00 % RQD 100.00 % Core</p>							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD							
	12.00 - 15.00	: 77.00 % RQD 100.00 % Core							
	15.00 - 18.00	: 95.00 % RQD 100.00 % Core							
	18.00 - 21.00	: 96.00 % RQD 100.00 % Core							
	21.00 - 24.00	: 57.00 % RQD 100.00 % Core							
	24.00 - 27.00	: 73.00 % RQD 100.00 % Core							
	27.00 - 30.00	: 95.00 % RQD 100.00 % Core							
	30.00 - 33.00	: 100.00 % RQD 100.00 % Core							
	33.00 - 36.00	: 100.00 % RQD 100.00 % Core							
	36.00 - 39.00	: 100.00 % RQD 100.00 % Core							
	39.00 - 42.00	: 68.00 % RQD 100.00 % Core							
	42.00 - 45.00	: 85.00 % RQD 100.00 % Core							
	45.00 - 48.00	: 82.00 % RQD 100.00 % Core							
	48.00 - 51.00	: 59.00 % RQD 100.00 % Core							
	51.00 - 54.00	: 40.00 % RQD 100.00 % Core							
	54.00 - 57.00	: 91.00 % RQD 100.00 % Core							
	57.00 - 60.00	: 78.00 % RQD 100.00 % Core							
	60.00 - 63.00	: 82.00 % RQD 100.00 % Core							
	63.00 - 66.00	: 100.00 % RQD 100.00 % Core							
	66.00 - 69.00	: 88.00 % RQD 100.00 % Core							
	69.00 - 72.00	: 100.00 % RQD 100.00 % Core							
	72.00 - 75.00	: 93.00 % RQD 100.00 % Core							
	75.00 - 78.00	: 88.00 % RQD 100.00 % Core							
	78.00 - 81.00	: 75.00 % RQD 100.00 % Core							
	81.00 - 84.00	: 72.00 % RQD 100.00 % Core							
	84.00 - 87.00	: 18.00 % RQD 100.00 % Core							
		Fault							
	87.00 - 90.00	: 100.00 % RQD 100.00 % Core							
	90.00 - 93.00	: 90.00 % RQD 100.00 % Core							
	93.00 - 96.00	: 73.00 % RQD 100.00 % Core							
	96.00 - 99.00	: 26.00 % RQD 100.00 % Core							
		Fault							
	99.00 - 102.00	: 49.00 % RQD 100.00 % Core							
	102.00 - 105.00	: 15.00 % RQD 100.00 % Core							
		Fault							
	105.00 - 106.60	: 0.00 % RQD 100.00 % Core							
		Fault							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		MINOR INTERVALS: Minor Interval: 49.15 - 53.4 4, Anorthosite / Anorthosite Gabbro Very coarse-grained, plagioclase and quartz +- biotite-bearing pegmatitic anorthosite. The unit is not magnetic, non-foliated, and not mineralized. The upper and lower contacts are sharp at 50 degrees tca.							