

## DETAILED LOG

Hole Number: ER2006-03

Units: METRIC

Project Name: Norway - South Norway	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -48.74
Project Number: 203	North: 6659589.85	North: 60.07	Collar Az: 50.00
Location: Ertelia	East: 558208.29	East: 10.05	Length: 223.50 (m)
	Elev: 171.44	Elev: 171.44	Start Depth: 0.00 (m)
Date Started: Jun 18, 2006	Collar Survey: Y	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jun 23, 2006	Multishot Survey: Y	Hole Size: TT46	Core Storage:
Logged By: larsw	Pulse EM Survey: Y	Casing: Left in Hole, capped	Final Depth: 223.50 (m)

Comments:

## Sample Averages

Average Type	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
WEIGHTED	130.50	145.20	14.70	0.2406	0.1717	0.0196
WEIGHTED	185.65	187.95	2.30	1.2853	0.2213	0.0979
WEIGHTED	185.65	189.00	3.35	0.9624	0.1657	0.0743

## Survey Data

Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	50.00	-48.74	Gyro	OK		3.00	47.49	-48.99	Gyro	OK	
6.00	53.57	-48.94	Gyro	OK		9.00	52.21	-49.04	Gyro	OK	
10.00	52.20	-48.90	EZ	OK		12.00	52.75	-49.10	Gyro	OK	
15.00	53.52	-48.89	Gyro	OK		18.00	51.20	-49.01	Gyro	OK	
21.00	50.51	-49.10	Gyro	OK		24.00	51.10	-49.12	Gyro	OK	
25.00	50.80	-48.90	EZ	OK		27.00	49.45	-49.11	Gyro	OK	
30.00	51.78	-48.91	Gyro	OK		33.00	54.01	-48.99	Gyro	OK	
36.00	52.98	-48.98	Gyro	OK		39.00	52.29	-48.98	Gyro	OK	
42.00	52.35	-48.94	Gyro	OK		45.00	55.46	-48.95	Gyro	OK	
48.00	55.40	-48.91	Gyro	OK		50.00	53.00	-48.90	EZ	OK	
51.00	47.99	-48.85	Gyro	OK		54.00	53.73	-48.91	Gyro	OK	
57.00	46.43	-48.72	Gyro	OK		60.00	53.27	-48.87	Gyro	OK	
63.00	48.67	-48.86	Gyro	OK		66.00	53.01	-48.86	Gyro	OK	
69.00	52.80	-48.70	Gyro	OK		72.00	54.11	-48.81	Gyro	OK	
75.00	54.15	-48.62	Gyro	OK		78.00	58.91	-48.70	Gyro	OK	
81.00	56.58	-48.70	Gyro	OK		84.00	58.42	-48.52	Gyro	OK	
87.00	56.67	-48.66	Gyro	OK		90.00	56.09	-48.50	Gyro	OK	
93.00	53.68	-48.58	Gyro	OK		96.00	57.11	-48.57	Gyro	OK	
99.00	52.11	-48.53	Gyro	OK		102.00	50.83	-48.44	Gyro	OK	
105.00	57.20	-48.57	Gyro	OK		108.00	51.02	-48.40	Gyro	OK	
110.00	57.60	-48.50	EZ	OK		111.00	57.64	-48.40	Gyro	OK	

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Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
114.00	53.35	-48.52	Gyro	OK		117.00	55.50	-48.29	Gyro	OK	
120.00	56.90	-48.33	Gyro	OK		123.00	53.60	-48.16	Gyro	OK	
126.00	56.63	-48.16	Gyro	OK		129.00	53.77	-48.24	Gyro	OK	
132.00	54.14	-48.15	Gyro	OK		135.00	55.45	-47.96	Gyro	OK	
138.00	51.00	-47.91	Gyro	OK		141.00	58.51	-48.07	Gyro	OK	
144.00	54.84	-48.06	Gyro	OK		147.00	53.98	-47.87	Gyro	OK	
150.00	50.77	-47.97	Gyro	OK		153.00	54.52	-47.83	Gyro	OK	
156.00	50.77	-47.88	Gyro	OK		159.00	50.05	-47.90	Gyro	OK	
162.00	54.98	-47.76	Gyro	OK		165.00	57.01	-47.74	Gyro	OK	
168.00	58.26	-47.86	Gyro	OK		171.00	56.00	-47.76	Gyro	OK	
174.00	55.28	-47.55	Gyro	OK		177.00	55.00	-47.64	Gyro	OK	
180.00	54.87	-47.72	Gyro	OK		183.00	52.35	-47.53	Gyro	OK	
186.00	54.44	-47.46	Gyro	OK		189.00	55.59	-47.31	Gyro	OK	
192.00	54.76	-47.13	Gyro	OK		195.00	54.83	-47.10	Gyro	OK	
198.00	55.23	-46.95	Gyro	OK		201.00	55.09	-46.80	Gyro	OK	
204.00	55.52	-46.77	Gyro	OK		207.00	55.27	-46.62	Gyro	OK	
210.00	55.74	-46.33	Gyro	OK		213.00	55.78	-46.34	Gyro	OK	

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	3.00	C, Casing							

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
3.00	53.72	GAB, Gabbro	PG04291	40.00	41.50	1.50	0.1100	0.0250	0.0100
		This unit consists of a dark gray, fine- to medium-grained, non-magnetic, non-foliated gabbro. The main minerals are pyroxene and plagioclase in a ratio of about 60/40. Locally, the unit is garnet bearing.  The lower contact of this unit is slightly brecciated at 40 degrees tca.  Mineralization occurs from 40m on downwards: po, py, and small amounts of cpy occur disseminated and as small blebs. In small sections sulfides make up ~5% of the rock; overall the rock contains ~1 - 2% sulfides.  Mineralization 40.00 - 53.72 : Cpy Chalcopyrite, BB Blebby, 0.5% 40.00 - 53.72 : Py Pyrite, BB Blebby, 0.5% 40.00 - 53.72 : Po Pyrrhotite, BB Blebby, 1.5%  Structure 7.74 - 7.75 : S Schistose, 35 Deg to CA 9.04 - 9.05 : S Schistose, 25 Deg to CA 12.00 - 12.01 : S Schistose, 45 Deg to CA 29.42 - 29.43 : S Schistose, 35 Deg to CA 36.25 - 36.26 : S Schistose, 40 Deg to CA 53.72 - 53.72 : LC Lower Contact, 40 Deg to CA  RQD 3.00 - 6.00 : 64.00 % RQD 100.00 % Core 6.00 - 9.00 : 64.00 % RQD 100.00 % Core 9.00 - 12.00 : 85.00 % RQD 100.00 % Core 12.00 - 15.00 : 51.00 % RQD 100.00 % Core 15.00 - 18.00 : 100.00 % RQD 100.00 % Core 18.00 - 21.00 : 91.00 % RQD 100.00 % Core 21.00 - 24.00 : 87.00 % RQD 100.00 % Core 24.00 - 27.00 : 89.00 % RQD 100.00 % Core 27.00 - 30.00 : 86.00 % RQD 100.00 % Core 30.00 - 33.00 : 91.00 % RQD 100.00 % Core 33.00 - 36.00 : 88.00 % RQD 100.00 % Core 36.00 - 39.00 : 94.00 % RQD 100.00 % Core 39.00 - 42.00 : 100.00 % RQD 100.00 % Core 42.00 - 45.00 : 83.00 % RQD 100.00 % Core 45.00 - 48.00 : 82.00 % RQD 100.00 % Core 48.00 - 51.00 : 98.00 % RQD 100.00 % Core 51.00 - 54.00 : 87.00 % RQD 100.00 % Core	PG04292	41.50	43.00	1.50	0.1400	0.1000	0.0100
			PG04293	43.00	44.50	1.50	0.1600	0.0800	0.0100
			PG04294	44.50	46.00	1.50	0.2200	0.1200	0.0200
			PG04295	46.00	47.50	1.50	0.1700	0.1500	0.0100
			PG04296	47.50	49.00	1.50	0.0900	0.0250	0.0100
			PG04297	49.00	50.50	1.50	0.1900	0.1700	0.0100
			PG04298	50.50	52.00	1.50	0.1600	0.1000	0.0100
			PG04299	52.00	53.00	1.00	0.2000	0.1000	0.0200
			PG04301	53.00	53.72	0.72	0.3700	0.1400	0.0300

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
53.72	55.55	4, Anorthosite / Anorthosite Gabbro Very coarse-grained, light gray, non-magnetic, non-foliated, non-mineralized, fractured anorthosite. The lower contact is garnetiferous at 50 degrees tca. Structure 55.55 - 55.55 : LC Lower Contact, 50 Deg to CA RQD 54.00 - 57.00 : 44.00 % 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%
55.55	122.00	GAB, Gabbro	PG04302	55.55	57.00	1.45	0.1900	0.0900	0.0100
		This unit consists of medium- to coarse grained, non-magnetic (mag-sus< -10), homogeneous, non-foliated gabbronorite. It contains ~60% pyroxene and 40% plagioclase. Chloritization is common along fractures and joints. Garnets occur locally. Oikocrystic larger pyroxene (bronzite?) crystals are common and characteristic in drill core.  A thin fine-grained ?dyke? cuts the rock from 97.30m - 98.12m. The upper contact is diffuse, while the lower contact is sharp at 30 degrees tca. The country rock (gabbronorite) is coarser grained and more pyroxene-rich within ~1m of the dyke.  Mineralization consists of patchy and disseminated po, py (2- 5%) and usually trace - 1% cpy. Based on color, at least two generations of py can be distinguished.  Mineralization 55.55 - 122.00 : Cpy Chalcopyrite, BB Blebby, 1% 55.55 - 122.00 : Py Pyrite, BB Blebby, 1% 55.55 - 122.00 : Po Pyrrhotite, BB Blebby, 2%  Structure 63.36 - 63.37 : S Schistose, 15 Deg to CA 71.05 - 71.06 : S Schistose, 50 Deg to CA 80.25 - 80.28 : S Schistose, 10 Deg to CA 82.85 - 82.95 : S Schistose, 60 Deg to CA 108.95 - 108.96 : S Schistose, 30 Deg to CA  RQD 57.00 - 60.00 : 87.00 % RQD 100.00 % Core 60.00 - 63.00 : 91.00 % RQD 100.00 % Core 63.00 - 66.00 : 84.00 % RQD 100.00 % Core 66.00 - 69.00 : 99.00 % RQD 100.00 % Core 69.00 - 72.00 : 86.00 % RQD 100.00 % Core 72.00 - 75.00 : 79.00 % RQD 100.00 % Core 75.00 - 78.00 : 96.00 % RQD 100.00 % Core 78.00 - 81.00 : 78.00 % RQD 100.00 % Core 81.00 - 84.00 : 91.00 % RQD 100.00 % Core 84.00 - 87.00 : 85.00 % RQD 100.00 % Core 87.00 - 90.00 : 94.00 % RQD 100.00 % Core 90.00 - 93.00 : 77.00 % RQD 100.00 % Core 93.00 - 96.00 : 88.00 % RQD 100.00 % Core 96.00 - 99.00 : 79.00 % RQD 100.00 % Core 99.00 - 102.00 : 53.00 % RQD 100.00 % Core 102.00 - 105.00 : 83.00 % RQD 100.00 % Core	PG04303	57.00	58.50	1.50	0.1800	0.1000	0.0100
			PG04304	58.50	60.00	1.50	0.1300	0.0700	0.0100
			PG04305	60.00	61.50	1.50	0.0900	0.0500	0.0100
			PG04306	61.50	63.00	1.50	0.1200	0.0800	0.0100
			PG04307	63.00	64.50	1.50	0.0800	0.0250	0.0100
			PG04308	64.50	66.00	1.50	0.1300	0.0700	0.0100
			PG04309	66.00	67.50	1.50	0.1300	0.0600	0.0100
			PG04310	67.50	69.00	1.50	0.1000	0.0800	0.0100
			PG04311	69.00	70.50	1.50	0.1100	0.0700	0.0100
			PG04312	70.50	72.00	1.50	0.1500	0.1100	0.0100
			PG04313	72.00	73.50	1.50	0.1400	0.0900	0.0100
			PG04314	73.50	75.00	1.50	0.1300	0.0800	0.0100
			PG04315	75.00	76.50	1.50	0.1900	0.1600	0.0100
			PG04316	76.50	78.00	1.50	0.1100	0.0600	0.0200
			PG04317	78.00	79.50	1.50	0.0600	0.0250	0.0100
			PG04318	79.50	81.00	1.50	0.1000	0.0600	0.0100
			PG04319	81.00	82.50	1.50	0.1400	0.0800	0.0100
			PG04320	82.50	84.00	1.50	0.2700	0.0800	0.0200
			PG04321	84.00	85.50	1.50	0.1500	0.0900	0.0200
		PG04322	85.50	87.00	1.50	0.2100	0.1500	0.0200	
		PG04323	87.00	88.50	1.50	0.1900	0.0900	0.0200	
		PG04324	88.50	90.00	1.50	0.1700	0.0800	0.0100	
		PG04326	90.00	91.50	1.50	0.1700	0.0800	0.0100	
		PG04327	91.50	93.00	1.50	0.1600	0.1000	0.0100	
		PG04328	93.00	94.50	1.50	0.1700	0.1200	0.0100	
		PG04329	94.50	96.00	1.50	0.1800	0.1100	0.0100	
		PG04330	96.00	97.50	1.50	0.1900	0.1600	0.0200	
		PG04331	97.50	99.00	1.50	0.1100	0.0700	0.0100	
		PG04332	99.00	100.50	1.50	0.2100	0.1500	0.0200	
		PG04333	100.50	102.00	1.50	0.1600	0.1100	0.0200	
		PG04334	102.00	103.50	1.50	0.1200	0.0600	0.0100	
		PG04335	103.50	105.00	1.50	0.1500	0.0900	0.0100	
		PG04336	105.00	106.50	1.50	0.1300	0.0900	0.0100	
		PG04337	106.50	108.00	1.50	0.1900	0.0900	0.0200	
		PG04338	108.00	109.50	1.50	0.1600	0.0900	0.0100	
		PG04339	109.50	111.00	1.50	0.2300	0.1600	0.0300	
		PG04340	111.00	112.50	1.50	0.1200	0.0700	0.0100	
		PG04341	112.50	114.00	1.50	0.1900	0.0800	0.0100	
		PG04342	114.00	115.50	1.50	0.1400	0.1300	0.0200	
		PG04343	115.50	117.00	1.50	0.1100	0.0600	0.0100	
		PG04344	117.00	118.50	1.50	0.1100	0.0700	0.0100	
		PG04345	118.50	120.00	1.50	0.1500	0.0900	0.0100	

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD	PG04346	120.00	121.50	1.50	0.1200	0.0700	0.0100
		105.00 - 108.00 : 98.00 % RQD 100.00 % Core	PG04347	121.50	122.00	0.50	0.1900	0.0700	0.0200
		108.00 - 111.00 : 88.00 % RQD 100.00 % Core							
		111.00 - 114.00 : 90.00 % RQD 100.00 % Core							
		114.00 - 117.00 : 82.00 % RQD 100.00 % Core							
		117.00 - 120.00 : 94.00 % RQD 100.00 % Core							
		120.00 - 123.00 : 67.00 % RQD 100.00 % Core							
122.00	124.80	4, Anorthosite / Anorthosite Gabbro Coarse-grained, white, homogenous, non-foliated, non-magnetic, non-mineralized anorthosite. Coarse-grained biotite occurs in fractures as well as between clasts along the hanging and footwall contacts.  The upper contact is sharp but irregular. The lower contact is brecciated and broken, probably faulted at 40 degrees tca. Structure 124.50 - 124.80 : F Fractured, 40 Deg to CA RQD 123.00 - 126.00 : 82.00 % RQD 100.00 % Core							

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From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
124.80	145.20	GAB, Gabbro	PG04348	124.80	126.00	1.20	0.2700	0.1300	0.0100
		<p>Medium- to coarse-grained, dark gray, pyroxene and plagioclase-bearing, non-magnetic, non-foliated, on a meter-scale homogeneous gabbro. Locally, bronzite crystals are characteristic. The rock has a granular texture, consisting of up to ~90% pyroxene within ~1m of the hanging wall contact.</p> <p>An anorthositic "raft" is located between 133.31 and 133.70m; the upper and lower contacts of this raft are 40 degrees tca.</p> <p>The unit contains variable amounts of po, py, and cpy. The sulfides occur disseminated and in blebby patches up to ~5cm in diameter. Locally, py seems to replace po, especially along fractures. The sulfides are coarse-grained in the vicinity of the mafic dyke; here, large pyroxene crystals up to ~1.5cm in size are sulfide matrix supported.</p> <p>Overall the unit contains ~5%po and py combined and 0.5 - 1%cpy.</p> <p>Mineralization</p> <p>124.80 - 145.20 : Cpy Chalcopyrite, BB Blebby, 0.5%</p> <p>124.80 - 145.20 : Py Pyrite, BB Blebby, 2%</p> <p>124.80 - 145.20 : Po Pyrrhotite, BB Blebby, 2%</p> <p>RQD</p> <p>126.00 - 129.00 : 100.00 % RQD 100.00 % Core</p> <p>129.00 - 132.00 : 77.00 % RQD 100.00 % Core</p> <p>132.00 - 135.00 : 80.00 % RQD 100.00 % Core</p> <p>135.00 - 138.00 : 79.00 % RQD 100.00 % Core</p> <p>138.00 - 141.00 : 90.00 % RQD 100.00 % Core</p> <p>141.00 - 144.00 : 92.00 % RQD 100.00 % Core</p> <p>144.00 - 147.00 : 70.00 % RQD 100.00 % Core</p>	PG04349	126.00	127.50	1.50	0.1400	0.0800	0.0100
			PG04351	127.50	129.00	1.50	0.1000	0.0600	0.0100
			PG04352	129.00	130.50	1.50	0.1700	0.0700	0.0100
			PG04353	130.50	132.00	1.50	0.4000	0.1700	0.0300
			PG04354	132.00	133.50	1.50	0.2400	0.1200	0.0100
			PG04355	133.50	135.00	1.50	0.0900	0.0250	0.0100
			PG04356	135.00	136.50	1.50	0.1600	0.0900	0.0100
			PG04357	136.50	138.00	1.50	0.2400	0.1400	0.0100
			PG04358	138.00	139.50	1.50	0.2600	0.1800	0.0300
			PG04359	139.50	141.00	1.50	0.2700	0.1700	0.0300
			PG04360	141.00	142.50	1.50	0.2500	0.1700	0.0200
			PG04361	142.50	144.00	1.50	0.2400	0.2100	0.0100
			PG04362	144.00	145.20	1.20	0.2600	0.5100	0.0400

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From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
145.20	152.38	MD, Mafic Dike Fine-grained, very homogeneous, dark gray to black, non-foliated, non-mineralized, non-magnetic mafic dyke consisting of plagioclase and pyroxene.  The upper contact of this unit is sharp at ~10 degrees tca and the lower contact is sharp but irregular (undulating along an anorthositic/felsic unit of ~5cm). RQD 147.00 - 150.00 : 56.00 % RQD 100.00 % Core 150.00 - 153.00 : 49.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 151 - 151.2 GAB, Gabbro Typical weakly mineralized gabbro (1-2% po).  The upper contact of this unit is sharp at 75 degrees tca, the lower contact is sharp but irregular (~25 degrees tca). Mineralization 151.00 - 151.20 : Po Pyrrhotite, D Disseminated, 1%	PG04363	151.00	152.50	1.50	0.0500	0.0250	0.0100
152.38	177.56	GAB, Gabbro This unit consists of a dark gray, medium to coarse-grained, homogeneous, non-foliated, non-magnetic, pyroxene and plagioclase-bearing gabbro. Higher magnetic-susceptibility are related to patchy po-rich mineralization, which is found throughout the unit. The rock is coarser-grained where patchy sulfides occur.  This unit is pervasively mineralized with blebby to patchy po with accessory py and trace cpy.  The lower contact of this unit is very sharp at approximately 5-10 degrees tca. RQD 153.00 - 156.00 : 72.00 % RQD 100.00 % Core 156.00 - 159.00 : 81.00 % RQD 100.00 % Core 159.00 - 162.00 : 58.00 % RQD 100.00 % Core 162.00 - 165.00 : 81.00 % RQD 100.00 % Core 165.00 - 168.00 : 68.00 % RQD 100.00 % Core 168.00 - 171.00 : 68.00 % RQD 100.00 % Core 171.00 - 174.00 : 93.00 % RQD 100.00 % Core 174.00 - 177.00 : 89.00 % RQD 100.00 % Core 177.00 - 180.00 : 67.00 % RQD 100.00 % Core	PG04364	152.50	154.00	1.50	0.0250	0.0250	0.0100
			PG04365	154.00	155.50	1.50	0.0800	0.0250	0.0100
			PG04366	155.50	157.00	1.50	0.1100	0.0800	0.0100
			PG04367	157.00	158.50	1.50	0.2400	0.1500	0.0300
			PG04368	158.50	160.00	1.50	0.0900	0.0600	0.0100
			PG04369	160.00	161.50	1.50	0.1800	0.0700	0.0200
			PG04370	161.50	163.00	1.50	0.2300	0.1500	0.0100
			PG04371	163.00	164.50	1.50	0.1500	0.1500	0.0200
			PG04372	164.50	166.00	1.50	0.1700	0.2400	0.0100
			PG04373	166.00	167.50	1.50	0.2100	0.1100	0.0200
			PG04374	167.50	169.00	1.50	0.0900	0.0250	0.0100
			PG04376	169.00	170.50	1.50	0.0800	0.0250	0.0100
			PG04377	170.50	172.00	1.50	0.0700	0.0250	0.0100
			PG04378	172.00	173.50	1.50	0.1300	0.1000	0.0100
			PG04379	173.50	175.00	1.50	0.1000	0.0800	0.0100
			PG04380	175.00	176.50	1.50	0.1100	0.0700	0.0100
			PG04381	176.50	177.56	1.06	0.0800	0.0900	0.0100



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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
177.56	185.65	MD, Mafic Dike Fine-grained, very homogeneous, dark gray to black, non-foliated, non-mineralized, non-magnetic mafic dyke consisting of plagioclase and pyroxene.  The lower contact of this unit is py-rich, slightly brecciated and contains minor fault gouge (core axis angles difficult to ascertain). RQD 180.00 - 183.00 : 3.00 % RQD 100.00 % Core 183.00 - 186.00 : 21.00 % RQD 100.00 % Core	PG04382	184.50	185.65	1.15	0.0900	0.0900	0.0100
185.65	187.95	MS, Massive Sulphide The first 35cm (185.65 - 186.00m) are py-dominated, the remainder is almost exclusively po. In semi-massive sections sulfides seem to surround 5 - 10cm wall rock "fragments". Sulfides are generally medium to coarse-grained, with sulfide patches rimmed with garnets.  185.65 - 186.56 semi massive with 30 - 40%po, 5 - 10%py and tr. cpy 186.56 - 187.00: MS with ~90%po and ~1 - 2%cpy 187.00 - 187.95: ~50%po with tr. cpy  Locally, between the sulfides the host rock appears as gabbronorite "clasts" with assimilated gneissic fragments. Mineralization 187.00 - 187.95 : Cpy Chalcopyrite, TR Trace, 0.5% 187.00 - 187.95 : Po Pyrrhotite, SM Semi-Massive, 50% 186.57 - 187.00 : Cpy Chalcopyrite, M Massive, 1% 186.57 - 187.00 : Po Pyrrhotite, M Massive, 90% 185.65 - 186.57 : Cpy Chalcopyrite, TR Trace, 0.5% 185.65 - 186.57 : Py Pyrite, SM Semi-Massive, 5% 185.65 - 186.57 : Po Pyrrhotite, SM Semi-Massive, 30% RQD 186.00 - 189.00 : 55.00 % RQD 100.00 % Core	PG04383	185.65	186.50	0.85	1.1000	0.2700	0.0900
			PG04384	186.50	187.06	0.56	1.4900	0.3500	0.1100
			PG04385	187.06	187.47	0.41	0.6700	0.1100	0.0600
			PG04386	187.47	187.95	0.48	1.9000	0.0800	0.1300
187.95	188.90	MD, Mafic Dike 187.95 - 188.75: non-descript mafic dyke (as described from 177.56-185.65m). 188.75 - 188.90: semi massive sulphides (~20%po and ~20%py).  The upper contact of this unit is fault gouge (core axis angles unknown) and the lower contact is sharp at 50 degrees to the ca. Mineralization 188.00 - 188.90 : Py Pyrite, SM Semi-Massive, 20% 188.00 - 188.90 : Po Pyrrhotite, SM Semi-Massive, 20%	PG04387	187.95	188.56	0.61	0.1000	0.0250	0.0100
			PG04388	188.56	189.00	0.44	0.4700	0.0700	0.0400

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
188.90	223.50	5, Undivided Metasediments This unit consists of a well-foliated, non-magnetic, non-mineralized mafic to intermediate gneiss. The main minerals are plagioclase and pyroxene/amphiboles. Quartz and garnet occur locally. The color ranges from light gray to almost black. Foliation angles change rapidly but are generally between ~40 and 80 degrees tca. Structure 188.90 - 189.00 Pyrite-healed fault zone with gneissic groundmass. Core angles unknown. RQD 189.00 - 192.00 : 53.00 % RQD 100.00 % Core 192.00 - 195.00 : 72.00 % RQD 100.00 % Core 195.00 - 198.00 : 69.00 % RQD 100.00 % Core 198.00 - 201.00 : 23.00 % RQD 100.00 % Core 201.00 - 204.00 : 13.00 % RQD 100.00 % Core 204.00 - 207.00 : 62.00 % RQD 100.00 % Core 207.00 - 210.00 : 45.00 % RQD 100.00 % Core 210.00 - 213.00 : 50.00 % RQD 100.00 % Core 213.00 - 216.00 : 21.00 % RQD 100.00 % Core 216.00 - 219.00 : 51.00 % RQD 100.00 % Core 219.00 - 222.00 : 54.00 % RQD 100.00 % Core 222.00 - 223.50 : 76.00 % RQD 100.00 % Core	PG04389	189.00	190.00	1.00	0.0250	0.0250	0.0100

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG04291	40.00	41.50	0.1100	0.0250	0.0100
PG04292	41.50	43.00	0.1400	0.1000	0.0100
PG04293	43.00	44.50	0.1600	0.0800	0.0100
PG04294	44.50	46.00	0.2200	0.1200	0.0200
PG04295	46.00	47.50	0.1700	0.1500	0.0100
PG04296	47.50	49.00	0.0900	0.0250	0.0100
PG04297	49.00	50.50	0.1900	0.1700	0.0100
PG04298	50.50	52.00	0.1600	0.1000	0.0100
PG04299	52.00	53.00	0.2000	0.1000	0.0200
PG04301	53.00	53.72	0.3700	0.1400	0.0300
PG04302	55.55	57.00	0.1900	0.0900	0.0100
PG04303	57.00	58.50	0.1800	0.1000	0.0100
PG04304	58.50	60.00	0.1300	0.0700	0.0100

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Units: METRIC

## Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG04305	60.00	61.50	0.0900	0.0500	0.0100
PG04306	61.50	63.00	0.1200	0.0800	0.0100
PG04307	63.00	64.50	0.0800	0.0250	0.0100
PG04308	64.50	66.00	0.1300	0.0700	0.0100
PG04309	66.00	67.50	0.1300	0.0600	0.0100
PG04310	67.50	69.00	0.1000	0.0800	0.0100
PG04311	69.00	70.50	0.1100	0.0700	0.0100
PG04312	70.50	72.00	0.1500	0.1100	0.0100
PG04313	72.00	73.50	0.1400	0.0900	0.0100
PG04314	73.50	75.00	0.1300	0.0800	0.0100
PG04315	75.00	76.50	0.1900	0.1600	0.0100
PG04316	76.50	78.00	0.1100	0.0600	0.0200
PG04317	78.00	79.50	0.0600	0.0250	0.0100
PG04318	79.50	81.00	0.1000	0.0600	0.0100
PG04319	81.00	82.50	0.1400	0.0800	0.0100
PG04320	82.50	84.00	0.2700	0.0800	0.0200
PG04321	84.00	85.50	0.1500	0.0900	0.0200
PG04322	85.50	87.00	0.2100	0.1500	0.0200
PG04323	87.00	88.50	0.1900	0.0900	0.0200
PG04324	88.50	90.00	0.1700	0.0800	0.0100
PG04326	90.00	91.50	0.1700	0.0800	0.0100
PG04327	91.50	93.00	0.1600	0.1000	0.0100
PG04328	93.00	94.50	0.1700	0.1200	0.0100
PG04329	94.50	96.00	0.1800	0.1100	0.0100
PG04330	96.00	97.50	0.1900	0.1600	0.0200
PG04331	97.50	99.00	0.1100	0.0700	0.0100
PG04332	99.00	100.50	0.2100	0.1500	0.0200
PG04333	100.50	102.00	0.1600	0.1100	0.0200
PG04334	102.00	103.50	0.1200	0.0600	0.0100
PG04335	103.50	105.00	0.1500	0.0900	0.0100
PG04336	105.00	106.50	0.1300	0.0900	0.0100
PG04337	106.50	108.00	0.1900	0.0900	0.0200
PG04338	108.00	109.50	0.1600	0.0900	0.0100
PG04339	109.50	111.00	0.2300	0.1600	0.0300
PG04340	111.00	112.50	0.1200	0.0700	0.0100
PG04341	112.50	114.00	0.1900	0.0800	0.0100
PG04342	114.00	115.50	0.1400	0.1300	0.0200

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## Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG04343	115.50	117.00	0.1100	0.0600	0.0100
PG04344	117.00	118.50	0.1100	0.0700	0.0100
PG04345	118.50	120.00	0.1500	0.0900	0.0100
PG04346	120.00	121.50	0.1200	0.0700	0.0100
PG04347	121.50	122.00	0.1900	0.0700	0.0200
PG04348	124.80	126.00	0.2700	0.1300	0.0100
PG04349	126.00	127.50	0.1400	0.0800	0.0100
PG04351	127.50	129.00	0.1000	0.0600	0.0100
PG04352	129.00	130.50	0.1700	0.0700	0.0100
PG04353	130.50	132.00	0.4000	0.1700	0.0300
PG04354	132.00	133.50	0.2400	0.1200	0.0100
PG04355	133.50	135.00	0.0900	0.0250	0.0100
PG04356	135.00	136.50	0.1600	0.0900	0.0100
PG04357	136.50	138.00	0.2400	0.1400	0.0100
PG04358	138.00	139.50	0.2600	0.1800	0.0300
PG04359	139.50	141.00	0.2700	0.1700	0.0300
PG04360	141.00	142.50	0.2500	0.1700	0.0200
PG04361	142.50	144.00	0.2400	0.2100	0.0100
PG04362	144.00	145.20	0.2600	0.5100	0.0400
PG04363	151.00	152.50	0.0500	0.0250	0.0100
PG04364	152.50	154.00	0.0250	0.0250	0.0100
PG04365	154.00	155.50	0.0800	0.0250	0.0100
PG04366	155.50	157.00	0.1100	0.0800	0.0100
PG04367	157.00	158.50	0.2400	0.1500	0.0300
PG04368	158.50	160.00	0.0900	0.0600	0.0100
PG04369	160.00	161.50	0.1800	0.0700	0.0200
PG04370	161.50	163.00	0.2300	0.1500	0.0100
PG04371	163.00	164.50	0.1500	0.1500	0.0200
PG04372	164.50	166.00	0.1700	0.2400	0.0100
PG04373	166.00	167.50	0.2100	0.1100	0.0200
PG04374	167.50	169.00	0.0900	0.0250	0.0100
PG04376	169.00	170.50	0.0800	0.0250	0.0100
PG04377	170.50	172.00	0.0700	0.0250	0.0100
PG04378	172.00	173.50	0.1300	0.1000	0.0100
PG04379	173.50	175.00	0.1000	0.0800	0.0100
PG04380	175.00	176.50	0.1100	0.0700	0.0100
PG04381	176.50	177.56	0.0800	0.0900	0.0100

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## Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
PG04382	184.50	185.65	0.0900	0.0900	0.0100
PG04383	185.65	186.50	1.1000	0.2700	0.0900
PG04384	186.50	187.06	1.4900	0.3500	0.1100
PG04385	187.06	187.47	0.6700	0.1100	0.0600
PG04386	187.47	187.95	1.9000	0.0800	0.1300
PG04387	187.95	188.56	0.1000	0.0250	0.0100
PG04388	188.56	189.00	0.4700	0.0700	0.0400
PG04389	189.00	190.00	0.0250	0.0250	0.0100