DETAILED LOG

Hole Number: ES2005-48

Units: METRIC

Project Name:	Norway - Espedalen	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM:	Collar Dip:	-50.00
Project Number:	201	North:	6801800.11	North:	61.35	Collar Az:	231.50
Location:	Surface	East:	534803.63	East:	9.65	Length:	330.25 (m)
		Elev:	991.61	Elev:	991.61	Start Depth:	0.00 (m)
Date Started:	Sep 11, 2005	Collar Survey:	Y	Plugged:	N	Contractor:	Arctic Drilling A/S	Final Depth:	330.25 (m)
Date Completed:	Sep 17, 2005	Multishot Survey:	N	Hole Size:	TT46	Core Storage:	Strand Fjellstue		
Logged By:	larsw	Pulse EM Survey:	N	Casing:	Left in Hole, capped				

Comments: Purpose: Hole proposed to test the interpreted extension of the Stormyra zone, below a vertical depth of 200m (surface geophysical penetration depths), with a coincident magnetic body. This hole will also be used as a geophysical platform (BHEM) to search for conductors at depth along the interpreted Stormyra trend.

Result: The hole intersected a thick package of intermixed anorthosites and mafic metavolcanics from 4.30m to 318.64m. Volcaniclastic rocks were intersected from 318.64m to 330.25m, which are interpreted by M. Heim to lie outside of the Espedalen Complex but within the Jøtun Nappe.

Assays: No significant results returned, all samples <0.05%Ni.

Borehole UTEM: Survey to be conducted in November 2005.

Lithological interpretation: Anorthositic terrain locally crosscut by mafic dykes, which overly a thick package of volcaniclastic rocks (thought to lie outside of the Espedalen Complex but within the Jøtun Nappe).

Sample Averages

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	4.30	C, Casing							

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Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
4.30	18.80	4s, Sausseritized/Tectonized Anorthosite This unit consists of fine to medium-grained, white to greenish-white, well foliated, homogeneous, non-magnetic anorthosite. The main mineral is plagioclase; alteration minerals (chlorite, epidote) are common. The lower contact is sharp at 55 degree tca. This unit is not mineralized. Structure 5.20 - 5.21 : S1 First Foliation, 65 Deg to CA 10.25 - 10.26 : S1 First Foliation, 60 Deg to CA RQD 4.30 - 6.00 : 29.00 % RQD 100.00 % Core 6.00 - 9.00 : 47.00 % RQD 100.00 % Core 9.00 - 12.00 : 47.00 % RQD 100.00 % Core 12.00 - 15.00 : 32.00 % RQD 100.00 % Core 15.00 - 18.00 : 43.00 % RQD 100.00 % Core 18.00 - 21.00 : 72.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 15.69 - 16.12 MV, Mafic Volcanic The upper and lower contacts of this unit are sharp at 60 and 50 degrees to the ca, respectively. The upper contact is epidote altered. Throughout the unit schlierin epidote alteration occurs. This unit contains trace amounts of sulfide (pyrite).								

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Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
18.80	60.90	MD, Mafic Dike This unit consists of a fine to medium grained, well foliated, dark gray to greenish-gray, plagioclase and pyroxene-bearing rock. Alteration minerals (chlorite, epidote) are common. The unit displays great variablility in magnetic properties; it is overall fairly homogenous. However, on a small scale significant changes can be seen. Epidote alteration occurs patchy and foliation parallel; it appears to be more abundant towards the footwall. Grain size differences are parallel to the foliation and are possibly primary. The contacts with the minor units are "fresh" and do not appear to be chilled. The lower contact is irregular and appears to be digested over about 5cm. This unit is not mineralized. Structure 19.50 - 19.51 : S1 First Foliation, 50 Deg to CA 27.50 - 27.51 : S1 First Foliation, 50 Deg to CA 35.61 - 35.62 : S1 First Foliation, 60 Deg to CA 41.51 - 41.52 : S1 First Foliation, 55 Deg to CA 47.40 - 47.41 : S1 First Foliation, 60 Deg to CA 53.11 - 53.12 : S1 First Foliation, 60 Deg to CA 60.22 - 60.23 : S1 First Foliation, 65 Deg to CA RQD 21.00 - 24.00 : 91.00 % RQD 100.00 % Core 24.00 - 27.00 : 100.00 % RQD 100.00 % Core 27.00 - 30.00 : 93.00 % RQD 100.00 % Core 30.00 - 33.00 : 90.00 % RQD 100.00 % Core 33.00 - 36.00 : 93.00 % RQD 100.00 % Core 36.00 - 39.00 : 88.00 % RQD 100.00 % Core 39.00 - 42.00 : 97.00 % RQD 100.00 % Core 42.00 - 45.00 : 96.00 % RQD 100.00 % Core 45.00 - 48.00 : 84.00 % RQD 100.00 % Core 48.00 - 51.00 : 93.00 % RQD 100.00 % Core 51.00 - 54.00 : 89.00 % RQD 100.00 % Core 54.00 - 57.00 : 91.00 % RQD 100.00 % Core 57.00 - 60.00 : 89.00 % RQD 100.00 % Core 60.00 - 63.00 : 93.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 20.37 - 21.2 4s, Sausseritized/Tectonized Anorthosite The upper and lower contacts of this unit are sharp at 40 and 50 degrees to the ca, respectively. The unit is well foliated; possible small shear zone at 20.75m. Alteration minerals are abundant.								

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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: 24.65 - 25.32 4s, Sausseritized/Tectonized Anorthosite The upper and lower contacts of this unit are sharp at 50 and 55 degrees to the ca, respectively. The unit is locally well foliated; alteration minerals are not very abundant. Minor Interval: 44.25 - 45.89 4s, Sausseritized/Tectonized Anorthosite The upper contact is sharp but somewhat irregular at 60 degrees tca. The lower contact is sharp but irregular. This unit is only locally well-foliated; the other parts are non-foliated and appear to be recrystallized. Locally, alteration minerals are abundant. Minor Interval: 56.61 - 58.41 4s, Sausseritized/Tectonized Anorthosite The upper and lower contacts are sharp; the former at 90 degrees tca, the latter is irregular. This unit is only in lower part weakly foliated; the majority is non-foliated and appears to be recrystallized. Quartz is a common alteration mineral.							
60.90	69.79	4s, Sausseritized/Tectonized Anorthosite This unit consists of white to slightly greenish, homogeneous, locally well-foliated, non-mineralized anorthosite. Alteration minerals are not very common, but locally fuchsite and chlorite can be seen. The lower contact is very sharp at 65 degrees tca. Structure 64.60 - 64.61 : S1 First Foliation, 70 Deg to CA RQD 63.00 - 66.00 : 89.00 % RQD 100.00 % Core 66.00 - 69.00 : 85.00 % RQD 100.00 % Core 69.00 - 72.00 : 76.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 63.8 - 65.09 MV, Mafic Volcanic The upper and lower contacts of this unit are poorly defined and irregular. The unit is moderately well-foliated and contains ?garnets?. Epidote alteration is abundant.							

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Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
69.79	132.18	4s, Sausseritized/Tectonized Anorthosite This unit consists of gray to gray-green, commonly well-foliated and sheared, non-magnetic anorthosite. Alteration minerals like fuchsite, chlorite, and quartz are common and pervasive. Locally, areas of weaker strain can be seen where the rock is not foliated. The amount of alteration minerals separates this anorthosite from the one in the hanging wall (60.90-69.79m). Apart from the listed mafic intrusions listed, this unit contains multiple dm-scale mafic dykes/sills. The lower contact is sharp at 60 degrees tca. This unit is not mineralized. Alteration 69.79 - 132.18 :ALT Alteration, P Pervasive, W Weak fuchsite 69.79 - 132.18 :Q Quartz, P Pervasive, W Weak Structure 70.12 - 70.13 : S1 First Foliation, 60 Deg to CA 75.80 - 75.81 : S1 First Foliation, 50 Deg to CA 83.11 - 83.12 : S1 First Foliation, 70 Deg to CA 93.03 - 93.04 : S1 First Foliation, 80 Deg to CA 99.17 - 99.18 : S1 First Foliation, 90 Deg to CA 106.08 - 106.09 : S1 First Foliation, 50 Deg to CA 112.25 - 112.26 : S1 First Foliation, 80 Deg to CA 118.20 - 118.21 : S1 First Foliation, 85 Deg to CA RQD 72.00 - 75.00 : 75.00 % RQD 100.00 % Core 75.00 - 78.00 : 87.00 % RQD 100.00 % Core 78.00 - 81.00 : 100.00 % RQD 100.00 % Core 81.00 - 84.00 : 100.00 % RQD 100.00 % Core 84.00 - 87.00 : 100.00 % RQD 100.00 % Core 87.00 - 90.00 : 95.00 % RQD 100.00 % Core 90.00 - 93.00 : 100.00 % RQD 100.00 % Core 93.00 - 96.00 : 87.00 % RQD 100.00 % Core 96.00 - 99.00 : 100.00 % RQD 100.00 % Core 99.00 - 102.00 : 96.00 % RQD 100.00 % Core 102.00 - 105.00 : 94.00 % RQD 100.00 % Core 105.00 - 108.00 : 94.00 % RQD 100.00 % Core 108.00 - 111.00 : 92.00 % RQD 100.00 % Core 111.00 - 114.00 : 88.00 % RQD 100.00 % Core 114.00 - 117.00 : 76.00 % RQD 100.00 % Core 117.00 - 120.00 : 98.00 % RQD 100.00 % Core 120.00 - 123.00 : 87.00 % RQD 100.00 % Core 123.00 - 126.00 : 95.00 % RQD 100.00 % Core								

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Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD 126.00 - 129.00 : 95.00 % RQD 100.00 % Core 129.00 - 132.00 : 88.00 % RQD 100.00 % Core 132.00 - 135.00 : 100.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 77.5 - 78.92 MD, Mafic Dike The upper and lower contacts of this unit are sharp; the former irregular, the latter at 60 degrees tca. This unit is well-foliated and non-mineralized. Minor Interval: 88.84 - 92.38 MD, Mafic Dike The upper contact of this unit is sharp but brecciated, the lower contact appears digested over 10cm. This unit is well-foliated and not mineralized. Minor Interval: 98.23 - 99.87 MD, Mafic Dike The upper and lower contact of this unit are sharp; the former at 65 degrees tca, the latter is irregular. This unit is well-foliated and not mineralized. Minor Interval: 113.88 - 123.68 MD, Mafic Dike The upper and lower contacts are sharp at 70 and 60 degrees tca, respectively. This unit contains anorthosite "rafts" at 117.66 - 118.13m and 119.18 - 120.16m. The contacts are finer-grained and show evidence of digestion. This unit is not mineralized.							

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Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
132.18	165.56	MD, Mafic Dike This unit consists of a very homogeneous, well-foliated, gray, fine - to medium-grained, non-magnetic, plagioclase and pyroxene-bearing mafic rock. The lower contact is sharp at 60 degrees tca. The rock is somewhat finer-grained along the footwall contact. Apart from the minor units, a small anorthositic "raft" is located between 162.98 and 163.46m. This unit is not mineralized. Structure 132.81 - 132.82 : S1 First Foliation, 60 Deg to CA 138.70 - 138.71 : S1 First Foliation, 60 Deg to CA 146.09 - 146.10 : S1 First Foliation, 50 Deg to CA 152.11 - 152.12 : S1 First Foliation, 45 Deg to CA 159.56 - 159.57 : S1 First Foliation, 65 Deg to CA 165.26 - 165.27 : S1 First Foliation, 70 Deg to CA RQD 135.00 - 138.00 : 83.00 % RQD 100.00 % Core 138.00 - 141.00 : 99.00 % RQD 100.00 % Core 141.00 - 144.00 : 100.00 % RQD 100.00 % Core 144.00 - 147.00 : 97.00 % RQD 100.00 % Core 147.00 - 150.00 : 94.00 % RQD 100.00 % Core 150.00 - 153.00 : 100.00 % RQD 100.00 % Core 153.00 - 156.00 : 100.00 % RQD 100.00 % Core 156.00 - 159.00 : 96.00 % RQD 100.00 % Core 159.00 - 162.00 : 94.00 % RQD 100.00 % Core 162.00 - 165.00 : 92.00 % RQD 100.00 % Core 165.00 - 168.00 : 93.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 144.75 - 145.63 4s, Sausseritized/Tectonized Anorthosite Well-foliated, sheared anorthosite; alteration minerals are common. The upper and lower contacts are sharp at 50 and 70 degrees tca, respectively. Minor Interval: 149.23 - 155.04 4s, Sausseritized/Tectonized Anorthosite Well-foliated, sheared anorthosite; alteration minerals are common. The upper and lower contacts are sharp at 55 and 65 degrees tca, respectively.								

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Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
165.56	209.55	4s, Sausseritized/Tectonized Anorthosite This unit consists of a white to greenish-gray, fine-grained, fairly heterogeneous, non-magnetic, commonly well-foliated rock composed of plagioclase and abundant alteration minerals (chlorite, fuchsite, locally epidote, quartz, and hematite). The strongest epidote-quartz alteration coincides with non-foliated parts of this rock. Between 170.0 and 173.0m the unit contains a number of small mafic intrusive sections. This unit is not mineralized. The lower contact of this unit is sharp at approximately 60-70 degrees to the ca along a downhole mafic metavolcanic unit. The contact itself is brecciated over 9cm and contains chlorite infilling around cm scale, angular mafic and anorthositic fragments. Alteration 192.00 - 192.50 :Q Quartz, PT Patchy, M Moderate 202.50 - 209.50 :Q Quartz, PT Patchy, M Moderate 192.00 - 192.50 :EP Epidote, P Pervasive, S Strong 202.50 - 209.50 :EP Epidote, P Pervasive, S Strong 202.56 - 208.50 :HM Hematite, P Pervasive, S Strong 195.56 - 198.00 :HM Hematite, P Pervasive, W Weak 165.56 - 209.55 :CH Chlorite, P Pervasive, W Weak 165.56 - 209.55 :ALT Alteration, P Pervasive, W Weak fuchsite Structure 171.20 - 171.21 : S1 First Foliation, 60 Deg to CA 177.16 - 177.17 : S1 First Foliation, 80 Deg to CA 188.48 - 188.49 : S1 First Foliation, 75 Deg to CA 200.39 - 200.40 : S1 First Foliation, 65 Deg to CA RQD 168.00 - 171.00 : 100.00 % RQD 100.00 % Core 171.00 - 174.00 : 74.00 % RQD 100.00 % Core 174.00 - 177.00 : 82.00 % RQD 100.00 % Core 177.00 - 180.00 : 89.00 % RQD 100.00 % Core 180.00 - 183.00 : 89.00 % RQD 100.00 % Core 183.00 - 186.00 : 90.00 % RQD 100.00 % Core 186.00 - 189.00 : 71.00 % RQD 100.00 % Core 189.00 - 192.00 : 81.00 % RQD 100.00 % Core 192.00 - 195.00 : 85.00 % RQD 100.00 % Core 195.00 - 198.00 : 94.00 % RQD 100.00 % Core 198.00 - 201.00 : 87.00 % RQD 100.00 % Core								

Hole Number: ES2005-48

Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD 201.00 - 204.00 : 79.00 % RQD 100.00 % Core 204.00 - 207.00 : 88.00 % RQD 100.00 % Core 207.00 - 210.00 : 85.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 175.48 - 178.65 MD, Mafic Dike Well-foliated, fine- to medium-grained mafic subunit. The upper and lower contacts are sharp at 70 and 80 degrees tca, respectively. Minor Interval: 187.12 - 191.08 MD, Mafic Dike Well-foliated, fine- to medium-grained mafic subunit. The upper and lower contacts are sharp; the upper is irregular, the lower at 80 degrees tca. Minor Interval: 193.98 - 194.49 MD, Mafic Dike Well-foliated, fine- to medium-grained mafic subunit. The upper contact is sharp at 80 degrees tca; the lower contact appears digested over 5cm.. Minor Interval: 199.69 - 202.1 MD, Mafic Dike Well-foliated, fine- to medium-grained mafic subunit. The upper and lower contacts are sharp; the upper is slightly brecciated, the lower at 35 degrees tca.							

Hole Number: ES2005-48

Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
209.55	262.21	MD, Mafic Dike Well foliated, grey-green, homogenous, weakly magnetic, fine grained mafic metavolcanic composed of 40-55% chlorite, 30-40% plagioclase and ~ 10% biotite. This unit contains ~5% dm to m scale intermixed anorthosite horizons which appear fine grained, well foliated, homogenous, non-magnetic, unmineralized units composed of 70-80% plagioclase and 20-30% mafic minerals. See minor units for contact relationships and intervals. This unit also contains 5% cm scale felsic sweats? parallel to foliation angles (70-80 degrees to the ca). This unit contains rare trace cubic pyrite. The lower contact of this unit is sharp at 75 degrees to the ca. Structure 211.20 - 211.21 : S1 First Foliation, 75 Deg to CA 222.90 - 222.91 : S1 First Foliation, 80 Deg to CA 234.10 - 234.11 : S1 First Foliation, 65 Deg to CA 251.75 - 251.76 : S1 First Foliation, 70 Deg to CA 257.75 - 257.76 : S1 First Foliation, 75 Deg to CA RQD 210.00 - 213.00 : 73.00 % RQD 100.00 % Core 213.00 - 216.00 : 99.00 % RQD 100.00 % Core 216.00 - 219.00 : 100.00 % RQD 100.00 % Core 219.00 - 222.00 : 88.00 % RQD 100.00 % Core 222.00 - 225.00 : 96.00 % RQD 100.00 % Core 225.00 - 228.00 : 95.00 % RQD 100.00 % Core 228.00 - 231.00 : 91.00 % RQD 100.00 % Core 231.00 - 234.00 : 93.00 % RQD 100.00 % Core 234.00 - 237.00 : 91.00 % RQD 100.00 % Core 237.00 - 240.00 : 90.00 % RQD 100.00 % Core 240.00 - 243.00 : 90.00 % RQD 100.00 % Core 243.00 - 246.00 : 97.00 % RQD 100.00 % Core 246.00 - 249.00 : 95.00 % RQD 100.00 % Core 249.00 - 252.00 : 95.00 % RQD 100.00 % Core 252.00 - 255.00 : 100.00 % RQD 100.00 % Core 255.00 - 258.00 : 95.00 % RQD 100.00 % Core 258.00 - 261.00 : 85.00 % RQD 100.00 % Core 261.00 - 264.00 : 88.00 % RQD 100.00 % Core								

Hole Number: ES2005-48

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: 220.16 - 220.7 4s, Sausseritized/Tectonized Anorthosite As described in major unit. The upper and lower contacts of this unit are sharp at 65 and 80 degrees to the ca, respectively. Minor Interval: 221.2 - 221.75 4s, Sausseritized/Tectonized Anorthosite As described in major unit. The upper and lower contacts of this unit are both sharp at 75 degrees to the ca. Minor Interval: 240.8 - 243.5 4s, Sausseritized/Tectonized Anorthosite As described in major unit. The upper and lower contacts of this unit are sharp at 60 and 70 degrees to the ca, respectively. Structure 242.70 - 242.71 : S1 First Foliation, 70 Deg to CA Minor Interval: 246.6 - 248.49 4s, Sausseritized/Tectonized Anorthosite As described in major unit. The upper and lower contacts of this unit are sharp at 60 and 70 degrees to the ca, respectively. Minor Interval: 261.47 - 261.55 4s, Sausseritized/Tectonized Anorthosite As described in major unit. The upper and lower contacts of this unit are sharp at 70 and 80 degrees to the ca, respectively. Minor Interval: 261.76 - 261.87 4s, Sausseritized/Tectonized Anorthosite As described in major unit. The upper and lower contacts of this unit are both sharp at 80 degrees to the ca.							

Hole Number: ES2005-48

Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
262.21	318.64	4s, Sausseritized/Tectonized Anorthosite White to gray, fine-grained, non-magnetic, well foliated, plagioclase and alteration minerals-bearing rock. The upper portion is homogeneous but the rock becomes more and more inhomogeneous and sheared with depth towards the contact with the underlying unit. This unit has been intruded by numerous m-scale mafic dykes/sills. For contact relationships see minor units. In the strongly sheared portion of the unit, epidote and quartz are common and abundant alteration minerals. Chlorite is abundant throughout this unit and can make up to ~50% of the rock. The lower contact is sharp at 90 to ca. This unit is not mineralized. Alteration 316.00 - 318.00 :Q Quartz, PT Patchy, W Weak 309.00 - 310.00 :Q Quartz, PT Patchy, W Weak Structure 264.50 - 264.51 : S1 First Foliation, 75 Deg to CA 271.60 - 271.61 : S1 First Foliation, 80 Deg to CA 279.07 - 279.08 : S1 First Foliation, 80 Deg to CA 287.76 - 287.77 : S1 First Foliation, 80 Deg to CA 293.89 - 293.90 : S1 First Foliation, 90 Deg to CA 299.73 - 299.74 : S1 First Foliation, 85 Deg to CA 308.38 - 308.39 : S1 First Foliation, 75 Deg to CA 315.57 - 315.58 : S1 First Foliation, 75 Deg to CA RQD 264.00 - 267.00 : 80.00 % RQD 100.00 % Core 267.00 - 270.00 : 100.00 % RQD 100.00 % Core 270.00 - 273.00 : 97.00 % RQD 100.00 % Core 273.00 - 276.00 : 94.00 % RQD 100.00 % Core 276.00 - 279.00 : 90.00 % RQD 100.00 % Core 279.00 - 282.00 : 65.00 % RQD 100.00 % Core 282.00 - 285.00 : 98.00 % RQD 100.00 % Core 285.00 - 288.00 : 88.00 % RQD 100.00 % Core 288.00 - 291.00 : 100.00 % RQD 100.00 % Core 291.00 - 294.00 : 93.00 % RQD 100.00 % Core 294.00 - 297.00 : 84.00 % RQD 100.00 % Core 297.00 - 300.00 : 98.00 % RQD 100.00 % Core 300.00 - 303.00 : 87.00 % RQD 100.00 % Core 303.00 - 306.00 : 89.00 % RQD 100.00 % Core 306.00 - 309.00 : 97.00 % RQD 100.00 % Core 309.00 - 312.00 : 97.00 % RQD 100.00 % Core								

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Units: METRIC

Detailed Lithology			Assay Data						
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		RQD 312.00 - 315.00 : 80.00 % RQD 100.00 % Core 315.00 - 318.00 : 100.00 % RQD 100.00 % Core 318.00 - 321.00 : 83.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 273.49 - 274.34 PRDT, Peridotite The upper contact is sharp at 90 degrees tca, the lower contact is gradational over ca. 10cm. The unit is fine-grained and well-foliated. Minor Interval: 293.75 - 295 MD, Mafic Dike The upper and lower contacts are sharp at 90 and 55 degrees tca, respectively. This unit is moderately well-foliated. Trace pyrrhotite within about 20cm of the lower contact. Minor Interval: 296.86 - 299.25 MD, Mafic Dike The upper and lower contacts are sharp at 70 and 80 degrees tca, respectively. Minor Interval: 300.33 - 303.1 MD, Mafic Dike The upper contact of this unit is gradational over about 30cm; the lower contact is sharp at 90 degrees tca. This unit is fine-grained and well-foliated. Minor Interval: 306.9 - 307.51 MD, Mafic Dike The upper contact is sharp at 90 degrees tca; the lower contact appears digested and "fuzzy" with abundant quartz and epidote. This unit contains trace pyrrhotite. Minor Interval: 310.04 - 316.06 MD, Mafic Dike The upper and lower contacts are sharp at 90 and 80 degrees tca, respectively. This unit is fine-to medium-grained and well foliated.						

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Units: METRIC

Detailed Lithology

From (m)	To (m)	Lithology
318.64	330.25	10d, Volcaniclastics Medium gray, fine to medium-grained, non-magnetic, fairly inhomogeneous, plagioclase, pyroxene, and chlorite-bearing rock. The unit is locally well-foliated. Locally, minor amounts of biotite can be found. The lower contact of this unit is unknown as the hole was shut down. Minor pyrrhotite and chalcopyrite mineralization between 326.66 and 326.70m. Mineralization 326.66 - 326.70 : Cpy Chalcopyrite, STR Stringers, 1% likely remobilized 326.66 - 326.70 : Po Pyrrhotite, STR Stringers, 4% likely remobilized Structure 324.40 - 324.41 : S1 First Foliation, 70 Deg to CA RQD 321.00 - 324.00 : 96.00 % RQD 100.00 % Core 324.00 - 327.00 : 87.00 % RQD 100.00 % Core 327.00 - 330.25 : 100.00 % RQD 100.00 % Core

Assay Data

Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
PG00411	326.17	327.52	1.35	0.0250	0.0250	0.0100
PG00412	327.52	327.82	0.30	0.0250	0.0700	0.0100
PG00413	327.82	329.00	1.18	0.0250	0.0250	0.0100

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type ASSAY					
PG00411	326.17	327.52	0.0250	0.0250	0.0100
PG00412	327.52	327.82	0.0250	0.0700	0.0100
PG00413	327.82	329.00	0.0250	0.0250	0.0100