

Hole Number: ER08-46

Units: METRIC

Project Name: Norway - South Norway	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM:	Collar Dip: -70.10
Project Number: 203	North: 6659788.66	North: 60.07	Collar Az: 58.90
Location: Ertelia Mine	East: 558060.07	East: 10.04	Length: 431.91 (m)
	Elev: 184.39	Elev: 184.39	Start Depth: 0.00 (m)
Date Started: Feb 06, 2008	Collar Survey: N	Plugged: N	Contractor: Drillcon Core AB
Date Completed: Feb 16, 2008	Multishot Survey: N	Hole Size: BQ	Core Storage: Tyrstrand
Logged By: vbno	Pulse EM Survey: N	Casing: Left in Hole	Final Depth: 431.91 (m)

Comments: TARGET: (twin &) extension of ER2006-22 (stopped short @ 230m in FGN) to test for re-occurrence of GABNOR/FW contact beyond 230m. Hole is also adjacent to ER2006-11 which stopped in mineralized GABNOR.
 RESULT: hit 25% po / 12m @ 246m, includes 50% po, 3%pn, 2% cpy / 2.6m in GABNOR

Sample Averages

Average Type	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
WEIGHTED	28.25	29.15	0.90	0.4946	0.2066	0.0426
WEIGHTED	246.00	253.60	7.60	0.6887	0.5367	0.0485
WEIGHTED	246.00	259.00	13.00	0.5726	0.4412	0.0399

Survey Data

Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth (m)	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
10.00	58.90	-70.10	EZ	OK		25.00	53.80	-70.20	EZ	OK	
50.00	60.50	-70.10	EZ	OK		100.00	62.50	-70.10	EZ	OK	
150.00	62.50	-70.10	EZ	OK		200.00	64.00	-69.80	EZ	OK	
250.00	67.70	-69.70	EZ	OK		300.00	70.80	-69.30	EZ	OK	
350.00	71.80	-69.10	EZ	OK		425.00	73.60	-68.00	EZ	OK	

Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
0	1.05	CAS, Casing							
1.05	7.20	GNOR, Gabbro Norite Dark grey. Competent. No sulphides. Medium grained. Moderate mottled garnet alteration. 3 qtz dykes <10cm. Lower contact is sharp and at 50 degree to LCA. Structure 7.05 - 7.20 Broken, no gouge.							

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
7.20	13.70	PEG, Pegmatite Light grey and pink. No sulphides. Moderate mottled garnet alteration. 10-20% mafic minerals, medium grained. Lower contact is sharp. Structure 7.20 - 7.60 7.20 - 13.70 : FOL Foliated, 20 Deg to CA 13.69 - 13.70 : LC Lower Contact, 90 Deg to CA MINOR INTERVALS: Minor Interval: 11 - 12.5 GNOR, Gabbro Norite Moderate silica alteration of GNOR. Alteration 11.00 - 12.50 :Qtz Quartz, BL Bleached, M Moderate							
13.70	16.35	GNOR, Gabbro Norite Dark grey. 5% sulphides increasing from 1 - 15% down hole. Competent. Weak garnet alteration. Lower contact grades into SMS. Mineralization 16.00 - 16.35 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, Net Net Textured, 15% 15.00 - 16.00 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, BL Blebby, 5% Grains <8mm in diameter. Some net textured, dominantly pyrrhotite.	BL1198	14.85	15.85	1.00	0.0580	0.0640	0.0050
			BL1199	15.85	16.35	0.50	0.1560	0.5460	0.0160
16.35	17.00	SULF, Sulfide 16.35-17.00m -- 20% Gabbro-norite hosted sulphides. 15% po, 5% pn, trace cp. Sulphides are net textured and disseminated throughout. Competent. Lower contact is gradational to GNOR with lesser sulphides. Mineralization 16.35 - 17.00 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, D Disseminated, 10% Grains <2mm. 16.35 - 17.00 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, Net Net Textured, 10%	BL1201	16.35	16.85	0.50	0.4430	0.1590	0.0330
			BL1202	16.85	17.35	0.50	0.0860	0.1440	0.0070

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
17.00	28.25	SULF, Sulfide	BL1203	17.35	17.85	0.50	0.1110	0.0780	0.0080
		Dark grey Gabbro-norite with 15% disseminated, net textured and coarse grained po, pn and cp. Lower contact is gradational to less sulphide rich.	BL1204	17.85	18.85	1.00	0.0990	0.0390	0.0070
		Mineralization	BL1205	18.85	19.85	1.00	0.1690	0.1360	0.0150
		20.90 - 28.25 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, Net Net Textured, 3%	BL1206	19.85	20.85	1.00	0.5240	0.2840	0.0450
		Net textured style fades in and out in 5-10cm sections in approximately 1.5 m of unit (3% overall).	BL1207	20.85	21.85	1.00	0.0230	0.0025	0.0040
		20.90 - 28.25 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, BL Blebby, 1%	BL1208	21.85	22.85	1.00	0.0520	0.0410	0.0060
		Blebby style fades in and out in 3 cm sections in approximately 3 m of unit (1% overall).	BL1209	22.85	23.85	1.00	0.1130	0.0710	0.0110
		20.90 - 28.25 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, D Disseminated, 5%	BL1210	23.85	24.85	1.00	0.0280	0.0130	0.0050
		19.90 - 20.70 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, D Disseminated, 9%	BL1211	24.85	25.85	1.00	0.0240	0.0090	0.0040
		Predominantly po, cp at contact with GNOR grains	BL1212	25.85	26.85	1.00	0.1220	0.0820	0.0100
		19.90 - 20.70 : PN Pentlandite, CG Coarse Grained, 1% pn grains <4mm	BL1213	26.85	27.85	1.00	0.1610	0.1560	0.0130
		19.90 - 20.70 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, Net Net Textured, 10%	BL1214	27.85	28.25	0.40	0.0220	0.0100	0.0030
		17.00 - 19.90 : POPN Pyrrhotit/Pentlandite, VN Veins, 2% Rare veins <25mm with brecciated GNOR within veins of predominately po with some pn.							
		17.00 - 19.90 : POPN Pyrrhotit/Pentlandite, BL Blebby, 3%							
		17.00 - 19.90 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, D Disseminated, 8%							
		Alteration							
		23.65 - 23.70 :CHL Chlorite, FF Fracture Filling, S Strong							
		20.70 - 20.90 :CHL Chlorite, FF Fracture Filling, S Strong							
		Structure							
		20.70 - 20.90							
		Very broken, infilled with chlorite.							

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
28.25	29.15	SMS, Semi Massive Sulphide	BL1215	28.25	28.70	0.45	0.5590	0.1350	0.0430
		Semi massive (35%) net textured, disseminated, coarse grained and blebby po, pn and cp hosted in dark grey GNOR. Competent. Lower contact is gradual and fades to GNOR with less sulphides.	BL1216	28.70	29.15	0.45	0.4300	0.2780	0.0420
		Mineralization							
		28.25 - 29.15 : POPN Pyrrhotit/Pentlandite, BB Blebby, 3%							
		28.25 - 29.15 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, Net Net Textured, 15%							
		Dominantly po, with pn, and trace cp.							
		28.25 - 29.15 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, D Disseminated, 15%							
		Dominantly po, with pn, and trace cp.							
		28.25 - 29.15 : PN Pentlandite, CG Coarse Grained, 2%							
		pn <10mm							

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
29.15	95.10	GNOR, Gabbro Norite	BL1217	29.15	29.65	0.50	0.0490	0.0320	0.0040
		Dark grey-green medium to coarse grained Gabbro-Norite. Variable sulphides over entire unit, finely disseminated, blebby in places. Competent. Moderate mottled garnet alteration. Lower contact is a fault.	BL1218	29.65	30.65	1.00	0.0430	0.0530	0.0040
			BL1497	30.65	31.65	1.00			
			BL1498	31.65	32.15	0.50			
			BL1499	32.15	33.15	1.00			
		Best sulphide intersection: 56.05 - 56.85m- 4% net textured pn, 4% net textured po, trace cp.	BL1501	33.15	34.15	1.00			
		Mineralization	BL1502	34.15	35.15	1.00			
		94.55 - 95.10 : PO Pyrrhotite, F Fracture Controlled, 6% no pn, likely related to fault down hole.	BL1503	35.15	36.15	1.00			
		59.15 - 71.00 : PO Pyrrhotite, D Disseminated, 1.5% 5, 5-10 cm sections of SMS (2-5%pn, 10-30%po,tr-0.5% cp) within unit	BL1504	36.15	37.15	1.00			
		59.15 - 71.00 : PN Pentlandite, D Disseminated, 0.5% 5, 5-10 cm sections of SMS (2-5%pn, 10-30%po,tr-0.5% cp) within unit	BL1505	37.15	38.15	1.00			
		58.30 - 59.15 : PO Pyrrhotite, BL Blebby, 3% trace cp.	BL1506	38.15	39.15	1.00			
		58.30 - 59.15 : PN Pentlandite, BL Blebby, 1%	BL1507	39.15	40.15	1.00			
		56.05 - 56.85 : CP Chalcopyrite, Rim Rims, 0.1% cp rims po and pn grains	BL1219	49.00	50.00	1.00			
		56.05 - 56.85 : PO Pyrrhotite, Net Net Textured, 4%	BL1221	50.00	51.00	1.00			
		56.05 - 56.85 : PN Pentlandite, Net Net Textured, 4%	BL1222	51.00	52.00	1.00			
		53.20 - 56.05 : CP Chalcopyrite, Rim Rims, 0.1% cp rims po and pn grains	BL1223	52.00	53.00	1.00			
		53.20 - 56.05 : PO Pyrrhotite, BL Blebby, 2% and disseminated	BL1224	53.00	54.00	1.00			
		53.20 - 56.05 : PN Pentlandite, BL Blebby, 1% and disseminated	BL1225	54.00	55.00	1.00			
		52.25 - 53.20 : PN Pentlandite, CG Coarse Grained, 3% Blebby and coarse grained.	BL1226	55.00	56.00	1.00			
		52.25 - 53.20 : PO Pyrrhotite, BL Blebby, 4% Net Textured in places, trace cp.	BL1227	56.00	57.00	1.00			
		50.70 - 52.00 : PN Pentlandite, BL Blebby, 2% Net Textured in places, trace cp.	BL1228	57.00	58.00	1.00			
		50.70 - 52.00 : PO Pyrrhotite, BL Blebby, 2%	BL1229	58.00	59.00	1.00			
		35.05 - 35.40 : POPN Pyrrhotit/Pentlandite, Net Net Textured, 7% Blebby in places	BL1230	59.00	60.00	1.00			
		32.25 - 32.55 : POPN Pyrrhotit/Pentlandite, BL Blebby, 5%	BL1231	60.00	61.00	1.00			
		Alteration	BL1232	61.00	62.00	1.00			
		58.30 - 59.15 : BIO Biotite, D Disseminated, M Moderate	BL1233	62.00	63.00	1.00			
		29.15 - 86.00 : CHL Chlorite, FF Fracture Filling, M Moderate Rare fractures infilled with Chlorite.	BL1234	63.00	64.00	1.00			
		Structure	BL1235	64.00	65.00	1.00			
		62.30 - 65.00 broken rock.	BL1236	65.00	66.00	1.00			
			BL1237	66.00	67.00	1.00			
			BL1238	67.00	68.00	1.00			
			BL1239	68.00	69.00	1.00			
			BL1241	69.00	70.00	1.00			
			BL1242	70.00	71.00	1.00			
			BL1243	71.00	72.00	1.00			
			BL1508	93.00	94.00	1.00			
			BL1509	94.00	94.50	0.50			
			BL1510	94.50	95.00	0.50			
			BL1511	95.00	95.50	0.50			

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Detailed Lithology		Assay Data							
From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		MINOR INTERVALS: Minor Interval: 56.85 - 58.3 PEG, Pegmatite Pegmatite Dyke. Very coarse grained quartz (90%) and biotite (10%). Trace sulphides. Upper and lower contact is sharp and at 35 degrees to LCA.							
95.10	95.30	FLT, Fault Gabbro-norite fault. Gouge and soft infill of chlorite, biotite and pyrrhotite.							

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
95.30	203.85	GNOR, Gabbro Norite	BL1512	95.50	96.50	1.00			
		Dark grey-green fine to medium grained Gabbro-Norite. Variable sulphides (trace to 8%) over entire unit, finely disseminated, blebby in places. Competent. Non magnetic. Weak mottled garnet alteration. Lower contact is a gradual fining over 15 cm to aphanitic.	BL1244	102.05	103.00	0.95			
			BL1245	103.00	103.50	0.50			
			BL1246	103.50	104.00	0.50			
			BL1247	104.00	104.50	0.50			
		Best sulphide intersection: 103.55 - 105.05m- 3% net textured and blebby pn, 5% net textured and blebby po, trace cp.	BL1248	104.50	105.00	0.50			
		Mineralization	BL1249	105.00	105.50	0.50			
		185.00 - 201.00 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, DIS Disseminated, 1.5%	BL1250	105.50	106.50	1.00			
		some blebs <7mm.	BL1251	149.00	150.00	1.00			
		175.00 - 185.00 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, BL Blebby, 3%	BL1253	150.00	151.00	1.00			
		blebs <25mm, 0.5%cp (more than previously seen in hole)	BL1254	151.00	152.00	1.00			
		168.00 - 175.00 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, DIS Disseminated, 1%	BL1255	152.00	153.00	1.00			
		154.20 - 154.22 : PY Pyrite, FF Fracture Filling, 100% coarse grained, subhedral.	BL1256	153.00	154.00	1.00			
		160.60 - 160.70 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, BL Blebby, 8%	BL1257	154.00	155.00	1.00			
		149.00 - 168.00 : POPNCP Pyrrhotite/Pentlandite/Chalcopyrite, DIS Disseminated, 2%	BL1258	155.00	156.00	1.00			
		105.05 - 106.15 : PO Pyrrhotite, F Fracture Controlled, 3% associated with fractures, remobilized.	BL1259	156.00	157.00	1.00			
		103.55 - 105.05 : PN Pentlandite, BL Blebby, 3% net textured in places	BL1261	157.00	158.00	1.00			
		103.55 - 105.05 : PO Pyrrhotite, BL Blebby, 5% net textured in places, trace cp.	BL1262	158.00	159.00	1.00			
		97.00 - 103.55 : PN Pentlandite, D Disseminated, 0.5%	BL1263	159.00	160.00	1.00			
		97.00 - 103.55 : PO Pyrrhotite, D Disseminated, 1.5%	BL1264	160.00	161.00	1.00			
		Alteration	BL1265	161.00	162.00	1.00			
		173.00 - 203.85 :ALT Alteration, Dis Disseminated, W Weak weak alteration of unknown mineral described above.	BL1266	162.00	163.00	1.00			
		173.00 - 203.85 :CH Chlorite, Dis Disseminated, W Weak	BL1267	163.00	164.00	1.00			
		95.30 - 173.00 :CH Chlorite, P Pervasive, M Moderate	BL1268	164.00	165.00	1.00			
		95.30 - 173.00 :ALT Alteration, P Pervasive, M Moderate pervasive alteration of micaceous (?) mineral. Fine to coarse grained, pearly luster, soft, possible replaced pyroxene grains?	BL1269	165.00	166.00	1.00			
		95.30 - 99.00 :BIO Biotite, Dis Disseminated, W Weak moderate to weak biotite dissemination, decreasing down hole.	BL1270	166.00	167.00	1.00			
		95.30 - 173.00 :CHL Chlorite, FF Fracture Filling, W Weak	BL1271	167.00	168.00	1.00			
		Structure	BL1272	168.00	169.00	1.00			
		105.05 - 107.00 Broken rock, chlorite infill.	BL1273	169.00	170.00	1.00			
			BL1274	170.00	171.00	1.00			
			BL1275	171.00	172.00	1.00			
			BL1276	172.00	173.00	1.00			
			BL1277	173.00	174.00	1.00			
			BL1278	174.00	175.00	1.00			
			BL1279	175.00	176.00	1.00			
			BL1281	176.00	177.00	1.00			
			BL1282	177.00	178.00	1.00			
			BL1283	178.00	179.00	1.00			
			BL1284	179.00	180.00	1.00			
			BL1285	180.00	181.00	1.00			
			BL1286	181.00	182.00	1.00			
			BL1287	182.00	183.00	1.00			
			BL1288	183.00	184.00	1.00			

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From (m)	To (m)	Lithology	Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
		Structure	BL1289	184.00	185.00	1.00			
		121.40 - 122.00	BL1291	185.00	186.00	1.00			
		Broken rock, chlorite infill.	BL1292	186.00	187.00	1.00			
		135.00 - 148.50	BL1293	187.00	188.00	1.00			
		50% broken rock, chlorite infill.	BL1294	188.00	189.00	1.00			
		155.50 - 162.30	BL1295	189.00	190.00	1.00			
		30% broken rock, chlorite infill.	BL1296	190.00	191.00	1.00			
		196.20 - 197.20	BL1297	191.00	192.00	1.00			
		Broken rock.	BL1298	192.00	193.00	1.00			
		MINOR INTERVALS:	BL1299	193.00	194.00	1.00			
		Minor Interval:	BL1301	194.00	195.00	1.00			
		190 - 192.2 MD, Mafic Dike	BL1302	195.00	196.00	1.00			
		Dark grey mafic dyke. Aphanitic. Moderate garnet alteration. No sulphides.	BL1303	196.00	197.00	1.00			
		Contacts are gradual fining over 10 cm.	BL1304	197.00	198.00	1.00			
			BL1305	198.00	199.00	1.00			
			BL1306	199.00	200.00	1.00			
			BL1307	200.00	201.00	1.00			
			BL1308	201.00	202.00	1.00			

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From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
203.85	246.00	MGN, Mafic Gneiss	BL1309	243.50	244.00	0.50	0.0020	0.0025	0.0005
		Dark grey, aphanitic mafic volcanic (?). No sulphides. Competent. Weak to moderately magnetic (variable). Moderate mottled garnet alteration.	BL1310	244.00	244.50	0.50	0.0030	0.0150	0.0010
		339.5-341.5m -- blocky interval	BL1311	244.50	245.15	0.65	0.0230	0.0350	0.0020
		341.5-345.0m -- FGN -- well banded @ 50CA, 2-4% fg diss. garnets speckled throughout, increasing toward bottom of interval as semi-massive bands 1-2cm wide along gneissosity @ 50CA.	BL1312	245.15	245.50	0.35	0.1480	0.2070	0.0140
		345.0m -- 1cm MS po band @ 45CA marks start of somewhat gradation contact (?) to the GABNOR.	BL1313	245.50	246.00	0.50	0.0080	0.0970	0.0010
		345.0-346.0m -- transitional zone with increasing garnets and tr-2% py(?) po.							
		346.0m -- Lower Contact -- razor sharp @ 80CA, marked by abrupt start of MS po							
		Alteration							
		233.30 - 233.55 :Carb Carbonate, B Banded, M Moderate							
		Calc-silicate alteration shows banding at 55 degrees to LCA.							
		233.30 - 233.55 :EP Epidote, B Banded, M Moderate							
		230.40 - 231.00 :Carb Carbonate, B Banded, M Moderate							
		Calc-silicate alteration shows banding at 40 degrees to LCA.							
		230.40 - 231.00 :EP Epidote, B Banded, M Moderate							
		220.50 - 243.00 :Qtz Quartz, Dis Disseminated, M Moderate							
		Quartz alteration varies from weak to strong in 20 - 200 cm intervals throughout section.							
		211.00 - 213.00 :Qtz Quartz, Dis Disseminated, W Weak							
		Structure							
		219.00 - 220.60							
		Broken rock.							
		MINOR INTERVALS:							
		Minor Interval:							
		204.9 - 205.9 PEG, Pegmatite							
		Pegmatite dyke. Moderate mottled garnet alteration. Upper and lower contact are abrupt, and at 40 degrees to LCA.							

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From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
246.00	253.60	SMS, Semi Massive Sulphide Semi-Massive Sulphides in Gabbronorite Strong Significant Sulphide Interval -- v. strong heavy interstitial to net-textured po, v. good magmatic textures, relatively consistent & uniform throughout interval, locally cpy patches & disseminations particularly towards bottom of unit. v. few inclusions, breaks, or disruptions. v. competent core. Range -- 40-75% sulf AVG -- 50% po, 1%pn, 1%cpy / 12.6m	BL1314	246.00	246.50	0.50	0.8430	1.6130	0.0610
			BL1315	246.50	247.00	0.50	0.9880	0.7000	0.0610
			BL1316	247.00	247.50	0.50	0.9300	0.5450	0.0760
			BL1317	247.50	248.00	0.50	0.9730	0.3890	0.0650
			BL1318	248.00	248.50	0.50	0.9330	1.4160	0.0610
			BL1319	248.50	249.00	0.50	0.8770	0.7650	0.0610
			BL1321	249.00	249.50	0.50	0.6490	0.3720	0.0450
			BL1322	249.50	250.00	0.50	0.5190	0.3480	0.0360
			BL1323	250.00	250.50	0.50	0.5010	0.2050	0.0350
			BL1324	250.50	250.90	0.40	0.4400	0.4430	0.0320
			BL1325	250.90	251.50	0.60	0.5580	0.2810	0.0400
			BL1326	251.50	252.00	0.50	0.5730	0.2160	0.0400
			BL1327	252.00	252.50	0.50	0.5980	0.3340	0.0400
			BL1329	252.50	253.00	0.50	0.4970	0.2780	0.0340
			BL1330	253.00	253.60	0.60	0.4710	0.2380	0.0400
253.60	256.00	GNOR, Gabbro Norite Good GABNOR texture cg, dark green with 3-12% disseminated po speckled throughout. Locally some sulf patched over <10cm (i.e. 254.9m).	BL1331	253.60	254.00	0.40	0.0840	0.0330	0.0070
			BL1332	254.00	254.50	0.50	0.2060	0.0960	0.0140
			BL1333	254.50	255.00	0.50	0.2750	0.2160	0.0180
			BL1334	255.00	255.50	0.50	0.2550	0.1570	0.0170
			BL1335	255.50	256.00	0.50	0.5530	0.2270	0.0340
256.00	258.60	SMS, Semi Massive Sulphide Semi-Massive to Massive Sulphide in GABNOR. similar to previous SMS unit @ 246m but more pn, somewhat more stringer/vein material, more disruptions, inclusions, qtz partings. Upper Contact is relatively sharp along narrow qv(?) @ 30CA. Lower Contact is relatively sharp but irregular at start of dirty grey qv interval (in GABNOR)	BL1336	256.00	256.50	0.50	0.5730	0.3540	0.0490
			BL1337	256.50	257.00	0.50	0.7130	0.1730	0.0510
			BL1338	257.00	257.50	0.50	0.6870	0.8350	0.0420
			BL1339	257.50	258.00	0.50	0.3230	0.1910	0.0220
			BL1341	258.00	258.30	0.30	0.5600	0.4560	0.0380
			BL1342	258.30	258.60	0.30	0.4050	1.0920	0.0240
258.60	263.30	GNOR, Gabbro Norite Sulphide poor GABNOR dominated by dirty grey qv's. 258.7-261.7m -- interval is 40% dirty qtz vein material with sharp but variable contacts @ 20-30CA. Core is locally broken, blocky. tr-1% sulfs. 261.7-263.3m -- fg gabbro with 10-15% qcv's @ various CA's locally forming a stockwork/breccia (?) appearance. Lower Contact somewhat diffuse but distinct enough and again marked by a narrow 2-3cm MS po-py vein @ 25CA.	BL1343	258.60	259.00	0.40	0.2360	0.1370	0.0150
			BL1344	259.00	260.00	1.00	0.0190	0.1900	0.0030
			BL1345	260.00	260.40	0.40			
			BL1346	260.40	261.00	0.60			
			BL1347	261.00	261.70	0.70			
			BL1348	261.70	262.00	0.30			
			BL1349	262.00	263.00	1.00			
			BL1350	263.00	264.00	1.00			

DETAILED LOG

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Units: METRIC

Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
263.30	314.20	FGN, Felsic Gneiss	BL1351	264.00	265.00	1.00			
		Silicious Felsic - Mafic banded Footwall.	BL1352	265.00	266.00	1.00			
		Well banded @30-50CA, relatively uniform and competent.	BL1353	266.00	267.00	1.00	0.0080	0.0120	0.0030
		Becoming more mafic toward 287m	BL1354	267.00	268.00	1.00	0.0060	0.0130	0.0020
		274.2-274.5m -- 15-20% Banded Sulphides (pyrite) -- several 1-2cm SMS bands along gneissosity at 35CA.	BL1355	268.00	268.30	0.30	0.0400	0.0210	0.0030
			BL1356	268.30	268.60	0.30	0.0550	0.0350	0.0610
			BL1357	268.60	269.00	0.40	0.0020	0.0025	0.0005
		276.7-277.1m -- MS / 25cm -- as discreet vein with sharp contact hosted in MGN (GAB?) interval. Strong rocky sulphide texture. 80%po, 15% pea-sized FW inclusions, 2% pn.	BL1358	269.00	270.00	1.00	0.0100	0.0100	0.0020
			BL1359	270.00	271.20	1.20			
		289.6-291.2m -- blocky along strong serp slip @ 5CA.	BL1361	271.20	272.00	0.80			
			BL1362	272.00	272.40	0.40			
		293.0m -- becoming more mafic.	BL1363	272.40	272.70	0.30			
			BL1364	272.70	273.00	0.30			
			BL1365	273.00	273.70	0.70			
		293.0-314.2m -- well to mod banded FGN @ 10-20CA, includes MD (304.4-306.5m) fg, v. uniform, v. sharp cts @ 10CA.	BL1366	273.70	274.20	0.50			
			BL1367	274.20	274.50	0.30			
			BL1368	274.50	275.00	0.50			
			BL1369	275.00	276.20	1.20			
			BL1370	276.20	276.70	0.50	0.0090	0.0025	0.0010
			BL1371	276.70	277.10	0.40	1.0530	0.3260	0.0590
			BL1372	277.10	278.00	0.90	0.0100	0.0110	0.0010
			BL1373	278.00	279.00	1.00	0.0005	0.0080	0.0005
			BL1374	279.00	280.00	1.00	0.0005	0.0025	0.0005
			BL1375	280.00	281.00	1.00	0.0005	0.0025	0.0005

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Detailed Lithology		Lithology	Assay Data						
From (m)	To (m)		Sample Number	From (m)	To (m)	Length (m)	Ni%	Cu%	Co%
314.20	431.90	MGN, Mafic Gneiss	BL1376	347.30	347.60	0.30	0.0005	0.0080	0.0020
		Broad unit of predominately Mafic Gneiss material generally with strong gneissic banding but some intervals more massive, some with strong fabric, then becoming siliceous (sediment?) toward end of unit. Garnets throughout.	BL1377	350.20	350.50	0.30	0.0005	0.0025	0.0010
		Upper portion of unit is mixed mafic -- 60% banded MGN, 30-40% massive MGN & MD, gneissosity @ 40-50CA.							
		319.3-323.6m -- Banded MGN with several sharp grey qv, no sulfs, no samples, @ 10-40CA upto 20cm.							
		Relatively uniform, massive MGN (MD?).							
		329.5m -- becoming somewhat more felsic, uniform.							
		335.0-336.2m -- some carb veining.							
		337-340m -- somewhat disrupted, bx'd (?), weakly altered.							
		344.5m -- 25cm dirty white carb vein with cg accicular xstals..							
		345.0-360.5m -- well banded MGN @ 10-20CA.							
		347.5m -- tr-1% vfg diss. py (cpy?) along 1cm discreet qv @ 10CA.							
		360.5-365.6m -- more felsic interval -- interbanded mafic/felsic.							
		373.2m -- 15cm whitish qv @ 10CA.							
		375-389m -- IGN -- alternating FGN/MGN.							
		389-395m -- v. mafic, moderately developed pervasice fabric (foliated gabbro?), locally blocky (409-410.5m, 416.5-417.0m).							
		419m -- fg massive with 15-20% felsic bands.							
		422.7-431.9m -- fg dark siliceous, uniform (sediment?) with 15-20% cg felsic bands upto 3cm @ 20-40CA.							
431.90	431.91	EOH, End of Hole							

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL1198	14.85	15.85	0.0580	0.0640	0.0050
BL1199	15.85	16.35	0.1560	0.5460	0.0160
BL1201	16.35	16.85	0.4430	0.1590	0.0330

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Units: METRIC

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL1202	16.85	17.35	0.0860	0.1440	0.0070
BL1203	17.35	17.85	0.1110	0.0780	0.0080
BL1204	17.85	18.85	0.0990	0.0390	0.0070
BL1205	18.85	19.85	0.1690	0.1360	0.0150
BL1206	19.85	20.85	0.5240	0.2840	0.0450
BL1207	20.85	21.85	0.0230	0.0025	0.0040
BL1208	21.85	22.85	0.0520	0.0410	0.0060
BL1209	22.85	23.85	0.1130	0.0710	0.0110
BL1210	23.85	24.85	0.0280	0.0130	0.0050
BL1211	24.85	25.85	0.0240	0.0090	0.0040
BL1212	25.85	26.85	0.1220	0.0820	0.0100
BL1213	26.85	27.85	0.1610	0.1560	0.0130
BL1214	27.85	28.25	0.0220	0.0100	0.0030
BL1215	28.25	28.70	0.5590	0.1350	0.0430
BL1216	28.70	29.15	0.4300	0.2780	0.0420
BL1217	29.15	29.65	0.0490	0.0320	0.0040
BL1218	29.65	30.65	0.0430	0.0530	0.0040
BL1497	30.65	31.65			
BL1498	31.65	32.15			
BL1499	32.15	33.15			
BL1501	33.15	34.15			
BL1502	34.15	35.15			
BL1503	35.15	36.15			
BL1504	36.15	37.15			
BL1505	37.15	38.15			
BL1506	38.15	39.15			
BL1507	39.15	40.15			
BL1219	49.00	50.00			
BL1221	50.00	51.00			
BL1222	51.00	52.00			
BL1223	52.00	53.00			
BL1224	53.00	54.00			
BL1225	54.00	55.00			
BL1226	55.00	56.00			
BL1227	56.00	57.00			
BL1228	57.00	58.00			
BL1229	58.00	59.00			

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Units: METRIC

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL1230	59.00	60.00			
BL1231	60.00	61.00			
BL1232	61.00	62.00			
BL1233	62.00	63.00			
BL1234	63.00	64.00			
BL1235	64.00	65.00			
BL1236	65.00	66.00			
BL1237	66.00	67.00			
BL1238	67.00	68.00			
BL1239	68.00	69.00			
BL1241	69.00	70.00			
BL1242	70.00	71.00			
BL1243	71.00	72.00			
BL1508	93.00	94.00			
BL1509	94.00	94.50			
BL1510	94.50	95.00			
BL1511	95.00	95.50			
BL1512	95.50	96.50			
BL1244	102.05	103.00			
BL1245	103.00	103.50			
BL1246	103.50	104.00			
BL1247	104.00	104.50			
BL1248	104.50	105.00			
BL1249	105.00	105.50			
BL1250	105.50	106.50			
BL1251	149.00	150.00			
BL1253	150.00	151.00			
BL1254	151.00	152.00			
BL1255	152.00	153.00			
BL1256	153.00	154.00			
BL1257	154.00	155.00			
BL1258	155.00	156.00			
BL1259	156.00	157.00			
BL1261	157.00	158.00			
BL1262	158.00	159.00			
BL1263	159.00	160.00			
BL1264	160.00	161.00			

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Units: METRIC

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL1265	161.00	162.00			
BL1266	162.00	163.00			
BL1267	163.00	164.00			
BL1268	164.00	165.00			
BL1269	165.00	166.00			
BL1270	166.00	167.00			
BL1271	167.00	168.00			
BL1272	168.00	169.00			
BL1273	169.00	170.00			
BL1274	170.00	171.00			
BL1275	171.00	172.00			
BL1276	172.00	173.00			
BL1277	173.00	174.00			
BL1278	174.00	175.00			
BL1279	175.00	176.00			
BL1281	176.00	177.00			
BL1282	177.00	178.00			
BL1283	178.00	179.00			
BL1284	179.00	180.00			
BL1285	180.00	181.00			
BL1286	181.00	182.00			
BL1287	182.00	183.00			
BL1288	183.00	184.00			
BL1289	184.00	185.00			
BL1291	185.00	186.00			
BL1292	186.00	187.00			
BL1293	187.00	188.00			
BL1294	188.00	189.00			
BL1295	189.00	190.00			
BL1296	190.00	191.00			
BL1297	191.00	192.00			
BL1298	192.00	193.00			
BL1299	193.00	194.00			
BL1301	194.00	195.00			
BL1302	195.00	196.00			
BL1303	196.00	197.00			
BL1304	197.00	198.00			

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Units: METRIC

Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL1305	198.00	199.00			
BL1306	199.00	200.00			
BL1307	200.00	201.00			
BL1308	201.00	202.00			
BL1309	243.50	244.00	0.0020	0.0025	0.0005
BL1310	244.00	244.50	0.0030	0.0150	0.0010
BL1311	244.50	245.15	0.0230	0.0350	0.0020
BL1312	245.15	245.50	0.1480	0.2070	0.0140
BL1313	245.50	246.00	0.0080	0.0970	0.0010
BL1314	246.00	246.50	0.8430	1.6130	0.0610
BL1315	246.50	247.00	0.9880	0.7000	0.0610
BL1316	247.00	247.50	0.9300	0.5450	0.0760
BL1317	247.50	248.00	0.9730	0.3890	0.0650
BL1318	248.00	248.50	0.9330	1.4160	0.0610
BL1319	248.50	249.00	0.8770	0.7650	0.0610
BL1321	249.00	249.50	0.6490	0.3720	0.0450
BL1322	249.50	250.00	0.5190	0.3480	0.0360
BL1323	250.00	250.50	0.5010	0.2050	0.0350
BL1324	250.50	250.90	0.4400	0.4430	0.0320
BL1325	250.90	251.50	0.5580	0.2810	0.0400
BL1326	251.50	252.00	0.5730	0.2160	0.0400
BL1327	252.00	252.50	0.5980	0.3340	0.0400
BL1329	252.50	253.00	0.4970	0.2780	0.0340
BL1330	253.00	253.60	0.4710	0.2380	0.0400
BL1331	253.60	254.00	0.0840	0.0330	0.0070
BL1332	254.00	254.50	0.2060	0.0960	0.0140
BL1333	254.50	255.00	0.2750	0.2160	0.0180
BL1334	255.00	255.50	0.2550	0.1570	0.0170
BL1335	255.50	256.00	0.5530	0.2270	0.0340
BL1336	256.00	256.50	0.5730	0.3540	0.0490
BL1337	256.50	257.00	0.7130	0.1730	0.0510
BL1338	257.00	257.50	0.6870	0.8350	0.0420
BL1339	257.50	258.00	0.3230	0.1910	0.0220
BL1341	258.00	258.30	0.5600	0.4560	0.0380
BL1342	258.30	258.60	0.4050	1.0920	0.0240
BL1343	258.60	259.00	0.2360	0.1370	0.0150
BL1344	259.00	260.00	0.0190	0.1900	0.0030

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Samples

Sample Number	From (m)	To (m)	Ni%	Cu%	Co%
Sample Type	ASSAY				
BL1345	260.00	260.40			
BL1346	260.40	261.00			
BL1347	261.00	261.70			
BL1348	261.70	262.00			
BL1349	262.00	263.00			
BL1350	263.00	264.00			
BL1351	264.00	265.00			
BL1352	265.00	266.00			
BL1353	266.00	267.00	0.0080	0.0120	0.0030
BL1354	267.00	268.00	0.0060	0.0130	0.0020
BL1355	268.00	268.30	0.0400	0.0210	0.0030
BL1356	268.30	268.60	0.0550	0.0350	0.0610
BL1357	268.60	269.00	0.0020	0.0025	0.0005
BL1358	269.00	270.00	0.0100	0.0100	0.0020
BL1359	270.00	271.20			
BL1361	271.20	272.00			
BL1362	272.00	272.40			
BL1363	272.40	272.70			
BL1364	272.70	273.00			
BL1365	273.00	273.70			
BL1366	273.70	274.20			
BL1367	274.20	274.50			
BL1368	274.50	275.00			
BL1369	275.00	276.20			
BL1370	276.20	276.70	0.0090	0.0025	0.0010
BL1371	276.70	277.10	1.0530	0.3260	0.0590
BL1372	277.10	278.00	0.0100	0.0110	0.0010
BL1373	278.00	279.00	0.0005	0.0080	0.0005
BL1374	279.00	280.00	0.0005	0.0025	0.0005
BL1375	280.00	281.00	0.0005	0.0025	0.0005
BL1376	347.30	347.60	0.0005	0.0080	0.0020
BL1377	350.20	350.50	0.0005	0.0025	0.0010