PROPERTY JONNORS

Township ST. CATHERINE Claim No. EPL - 235

SHEET No. 1
Started JULY 31, 1969
Finished AUGUST 29, 1969
Depth 410.0 FEET

Reference DWG. 3540 - BERGEY
Location 1908 N
2283 E
Elevation 1334 FT. (APPROX.)

HOLE No. COM-4
Bearing ---------
Dip: -90° @ Collar; ____ @ ____

FROM	TO	DESCRIPTION	SAMPLES NO	FROM	TO	WIDTH	ASSAYS Cu	MoS_2
00	69.0	OVERBURDEN and clayey FAULT ZONE with 5% pyrite; no core recovery.						
69.0	132.0	ANDESITE(?); medium to dark grey; fine to medium grained; strongly fractured, mainly // CA, frequent chlorite and talc slips; alteration argillaceous with silicification and bleaching at strongest fracturing; less than 5% disseminated pyrite, occasional minor traces chalcopyrite.	259	69.0	80.0	11.0	0.42	
		RECOVERY 69.0-74.0 36%	260	80.0	90.0	10.0	0.60	
		RECOVERY 74.0-85.5 77%	261	90.0	100.0	10.0	0.30	
		100.2-101.2 fract. with slip // CA.	262	100.0	110.0	10.0	0.40	
		102.4-104.5 fract. with slip // CA.	263	110.0	120.0	10.0	0.84	
		RECOVERY 85.5-132.0 55%	264	120.0	130.0	10.0	0.38	
132.0	219.4	GRANODIORITIC INTRUSIVE or GRANITIZED VOLCANIC; light to medium grey; medium grained; well fractured mainly at low angle CA; silicified; 5-15% diss. py, 1/2% chalcopyrite.						
		150.2-152.3 pyritic fracturing // CA.	265	130.0	140.0	10.0	0.82	
		RECOVERY 132.0-152.5 48%	266	140.0	150.0	10.0	0.72	
		158.0-159.0 strongly silicified and fractured // CA.						
		159.0-196.0 strongly sil. and fract.						
		199.0-200.0 dyke? of silicified feldspar porphyry?, med. grained.	267	150.0	170.0	20.0	1.16	
			268	170.0	190.0	20.0	0.30	

Drilled by S.T.& E.L. JA. Core Size BQ Logged by A.I.Betmanis

Township ST. CATHERINE Claim No. EPL - 235

SHEET No. 2
Started JULY 31, 1969
Finished AUGUST 29, 1969
Depth 410.0 FEET

Reference DWG. 3540 - BERGEY
Location 1908 N
2283 E
Elevation 1334 FT. (APPROX.)

HOLE No. CON-4
Bearing ------
Dip: -90° @ Collar; ____ @ ____

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS MoS_2
132.0	219.4	GRANODIORITIC INTRUSIVE or GRANITIZED VOLCANIC (cont.)						
		RECOVERY 152.5-200.0 12%	269	190.0	210.0	20.0	0.72	
		216.5-217.5 quartz vein 30° CA.						
		RECOVERY 200.0-220.0 48%	270	210.0	220.0	10.0	0.32	
219.4	379.8	ANDESITE(?): light to medium grey; altered feldspar phenocrysts in fine grained silicious groundmass; mod. to strongly fractured low angle CA; sil. alteration; 10% disseminated pyrite, trace to 1% chalcopyrite, locally to 3% chalcopyrite.						
		228.8-229.5 strongly pyritized.						
		RECOVERY 220.0-230.0 92%	271	220.0	230.0	10.0	0.82	
		237.3-243.0 pyritic fract. low angle to CA.						
		244.0-245.0 strongly fractured.	272	230.0	240.0	10.0	1.04	
		RECOVERY 230.0-246.0 63%	273	240.0	250.0	10.0	0.62	
		248.0-250.5 strongly fractured // CA.						
		254.5-257.8 fractured // CA.						
		262.2-264.6 pyritic fracturing at low angle to CA.						
		274.0-275.4 strongly sil. 5% cpy.						
		279.0-286.5 strongly silicified						
		288.5-293.0 moderate silicification	274	250.0	260.0	10.0	0.78	
		291.8-293.5 well fractured with py. veining low angle to CA.	275	260.0	270.0	10.0	0.82	
			276	270.0	280.0	10.0	0.76	
		295.3-300.2 pyritic fracturing // CA.	277	280.0	290.0	10.0	0.88	

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COMPANY GE&SL PROPERTY CONNORS

Township ST. CATHERINE Claim No. EPL - 235

SHEET No. 3 Reference DWG. 3540 - BERGEY HOLE No. CON-4

Started JULY 31, 1969 Location 1908 N Bearing ----

Finished AUGUST 29, 1969 2283 E Dip: -90° @ Collar; @

Depth 410.0 FEET Elevation 1334 FT. (APPROX.)

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS MoS_2
219.4	379.8	ANDESITE (cont.)						
		RECOVERY 246.0-299.0 89%	278	290.0	300.0	10.0	0.52	
		302.0-310.5 strongly silicified						
		308.0-313.5 cpy stringers // CA.						
		314.0-316.0 strongly sil. 2%cpy.						
		319.3-320.0 chloritic slip w. py 20°CA.						
		326.7-327.6 magnetite and chalcopyrite veining // CA.						
		327.0-329.0 strongly silicified						
		328.2-329.4 well fractured						
		330.0 approx. decrease of sulfide min.	279	300.0	310.0	10.0	1.63	
		and increase of magnetite.	280	310.0	320.0	10.0	0.60	
		331.3-333.4 fracturing // CA.	281	320.0	330.0	10.0	0.78	
		RECOVERY 229.0-344.5 94%	282	330.0	340.0	10.0	0.59	
		345.1-352.0 strongly fractured, may contain some cave.						
		360.0 approx. decrease of alteration						
		to almost fresh andesite, localized						
		silicification at fractures.						
		365.0-368.0 fracturing with magnetite						
		low angle to CA.						
		375.0-376.2 fine grained dyke(?) with						
		argillaceous alteration.	283	340.0	350.0	10.0	0.72	
		376.7-378.5 strong magnetite veining	284	350.0	360.0	10.0	0.48	
		with silicification, low angle CA.	285	360.0	370.0	10.0	0.34	
		RECOVERY 344.5-375.0 62%	286	370.0	380.0	10.0	0.39	

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COMPANY GE&SL PROPERTY CONNORS

Township ST. CATHERINE Claim No. EPL - 235

SHEET No. 4 Reference DWG. 3540 - BERGEY HOLE No. CON-4

Started JULY 31, 1969 Location 1908 N Bearing ----

Finished AUGUST 29, 1969 2283 E Dip: -90° @ Collar; ____ @ ____

Depth 410.0 FEET Elevation 1334 FT. (APPROX.)

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS MoS_2
379.8	-	GRANODIORITE - ANDESITE CONTACT ZONE: silicious granodiorite intruding andesite with bleaching and moderate silicification of andesite; less than 5% pyrite, less than 1/2% chalcopyrite, decreasing to trace sulfides at approx. 390 feet.						
		379.8-386.5 sil. granodiorite.						
		386.5-389.0 bleached and silicified andesite.						
		389.0-397.8 sil. granodiorite.						
		397.8-402.8 andesite, mod. silicified.	287	380.0	390.0	10.0	0.35	
		302.8- granodiorite.	288	390.0	400.0	10.0	0.26	
		RECOVERY 375.0-410.0 72%	289	400.0	410.0	10.0	0.30	
	- 410.0	END OF HOLE, AUGUST 29, 1969.						

Drilled by S.T.& E.L. JA. Core Size BQ Logged by A.I.Betmanis