COMPANY GEESI
Township ST. CATHERINE

PROPERTY CONNORS
Claim No. PDT. - 235

SHEET No. 1
STARTED JUNE 30, 1969
FINISHED JULY 25, 1969
DEPTH 505.0 FEET

REFERENCE D.G. 3540
PRELIM. GEOL. MAP/BIRCHY
LOCATION 1727 N: 2178 E.
ELEVATION 1318 Ft. (APPROX.)

HOLE No. CON-3
BEARING ----
DIP: -90 @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	FROM	TO	WIDTH	ASSAYS Cu	Mo
00	20.0	OVERBURDEN: no core recovery.						
20.0	82.8	GRANITIC INTRUSIVE: light grey: medium to coarse grained: silicified, with quartz veinlets: minor oxidation, some pyrite with limonite halos, limonite occasionally on fractures: fracturing moderate to strong: 5-10% diss. py, less than 1/2% cpy: some rare fine specks bornite.						
		RECOVERY 20.0-29.5 66%	211	20.0 -	29.5	9.5	0.13	
		29.5-34.0 reamed casing, no core recov.	212	34.0 -	40.0	6.0	0.03	
		RECOVERY 34.0-52.0 91%	213	40.0 -	50.0	10.0	0.03	
		RECOVERY 52.0-63.0 42%	214	50.0 -	60.0	10.0	0.15	
		RECOVERY 63.0-82.8 84%	215	60.0 -	70.0	10.0	0.03	
			216	70.0 -	80.0	10.0	0.32	
82.8	112.0	ANDESITE: dark grey, large feldspar phenocrysts in fine grained matrix, occasional qtz grains, alteration slight, chloritic and argillaceous: fracturing sl. to moderate: 5% diss py, cpy not observ. at top to about 1/2% at bottom of section.						
		89.8- 90.5 carb v. 5°CA, some sil.						
		94.0- 94.8 mottled, py-carb v. 20°CA	217	80.0 -	90.0	10.0	0.13	
		110.8-111.7 approx. 1% diss cpy.	218	90.0 -	100.0	10.0	0.02	
		RECOVERY 82.8-112.0 78%	219	100.0 -	110.0	10.0	0.02	
112.0	136.0	GRANITIC INTRUSIVE: light grey: medium grained: alteration mainly argillaceous, slight sil: fracturing sl. to mod: 10% disseminated pyrite, approx. 1/2% diss. chalcopyrite.						

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

COMPANY GE&SL PROPERTY CONNORS

Township ST. CATHRINE Claim No. EPL - 235

SHEET No. 2
Started JUNE 30, 1969
Finished JULY 25, 1969
Depth 505.0 FEET

Reference DWG. 3540 - BERGEY
Location 1727 N
2178 E
Elevation 1318 FT. (APPROX.)

HOLE No. CON-3
Bearing ---
Dip: -90° @ Collar; ___ @ ___

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo		
112.0	136.0	GRANITIC INTRUSIVE (cont.)								
		125.2-128.0 breccia, volcanic frags. in granitic matrix.								
		128.0-136.0 very fractured to shattered, silicified.								
		RECOVERY 112.0-115.0 100%								
		136.0-148.0 poor recovery-gravelly granitic fragments, possibly cave.	220	110.0	120.0	10.0	0.03			
			221	120.0	130.0	10.0	0.38			
		RECOVERY 115.0-148.0 33%	222	130.0	148.0	18.0	0.43			
		HOLE DEVIATED AT 110.0 FEET AND REDRILLED FROM 123.0 TO 148.0 FEET.	223	123.0	130.0	7.0	0.56			
		RECOVERY REDRILL 123.0-136.0 70%	224	130.0	136.0	6.0	0.37			
136.0	208.0	FAULT ZONE: fine dark brown clay with some rounded granitic fragments, direction of fracturing of larger granite fragments or sections and parting direction of clay mainly // CA. estimated 5% pyrite, occasional specks chalcopyrite.								
		140.5-144.7 coarse grained granite, kaolinized, fractured // CA.								
		152.0-154.0 massive c.g. granite	225	136.0	140.5	4.5	0.37			
		RECOVERY 136.0-155.0 93%	226	140.5	152.0	11.5	0.35			
		178.0-181.0 clay parting // CA.								
		195.0-208.0 clay and slickensided pebbles, fract. and qtz veining // CA.	227	152.0	178.0	26.0	0.53			
			228	178.0	192.0	14.0	0.25			
		RECOVERY 155.0-208.0 24%	229	192.0	208.0	16.0	0.33			

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

COMPANY GE&SL PROPERTY CONNORS

Township ST. CATHRINE Claim No. EPL - 235

SHEET No. 3 Reference D.D.H. 3540 - BERGEY HOLE No. CON-3

Started JUNE 30. 1969 Location 1727 N Bearing ------

Finished JULY 25. 1969 2178 E Dip: -90° @ Collar; ____ @ ____

Depth 505.0 FEET Elevation 1318 FT. (APPROX.)

FROM	TO	DESCRIPTION	SAMPLES NO	FROM	TO	WIDTH	ASSAYS Cu	Mo
208.0	-	GRANITIC INTRUSIVE: light grey. medium grained. alteration mainly sil.. arg. at stronger fractured zones: moderate fracturing: 10% disseminated pyrite, less than 1/2% diss. chalcopyrite.						
		208.0-216.0 strongly fractured. mainly // CA.	230	208.0	220.0	12.0	0.56	
		222.0-222.6 1/4" qtz-py fract. // CA.	231	220.0	230.0	10.0	0.63	
		250.3-251.2 pyritic fract. // CA.	232	230.0	240.0	10.0	0.81	
		252.5-254.2 bleached. irreg. fract.	233	240.0	250.0	10.0	0.70	
		RECOVERY 208.0-253.5 75%	234	250.0	260.0	10.0	0.57	
		256.3-259.0 bleached. pyritic fracturing // CA.						
		262.1-269.0 fractured and bleached. argillaceous alteration.						
		281.0-282.5 bleached. argillaceous alteration. fract. low angle CA.	235	260.0	270.0	10.0	0.50	
		285.0-288.4 pyritic fract. 5° CA.	236	270.0	280.0	10.0	0.45	
		290.4-292.7 pyritic fract. // CA.	237	280.0	290.0	10.0	1.03	
		295.0-300.4 strongly bleached.	238	290.0	300.0	10.0	1.16	
		RECOVERY 253.5-309.5 86%	239	300.0	310.0	10.0	0.40	
		307.0-312.2 argil. alteration with strong fracturing // CA.						
		313.6-314.7 mottled alteration						
		315.0-316.4 strong qtz veining low angle to CA.						
		321.5-324.5 mottled alteration and fractured // CA.						
		327.0-328.6 sil-carb with py v. 25°CA						

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

COMPANY GE&SL PROPERTY CONNORS

Township ST. CATHRINE Claim No. EPL - 235

SHEET No. 4
Started JUNE 30, 1969
Finished JULY 25, 1969
Depth 505.0 FEET

Reference DWG. 3540 - BERGEY
Location 1727 N
2178 E
Elevation 1318 FT. (APPROX.)

HOLE No. CON-3
Bearing -------
Dip: -90° @ Collar; ____ @ ____

FROM	TO	DESCRIPTION	SAMPLES NO	FROM	TO	WIDTH	ASSAYS Cu	MoS2	
308.0	-	GRANITIC INTRUSIVE (cont.)							
		Total sulfide mineralization decreasing at 425 feet to less than 5%, mag. mineralization starting at approx. 440 feet: chalcopyrite mineralization increasing at 310 feet to 1/2-3% cpy. locally (esp. 380 ft.), and decreasing to less than 1/2% at 460 feet.	240	310.0 - 320.0	10.0	0.66		
		332.2-333.5 sil py veining 15°CA	241	320.0 - 330.0	10.0	0.60		
		335.0 changing to finer grained	242	330.0 - 340.0	10.0	0.54		
		356.5-357.4 qtz-carb v. low angle CA.	243	340.0 - 350.0	10.0	0.46		
		357.4-369.8 strongly fractured	244	350.0 - 360.0	10.0	0.78		
		RECOVERY 309.5-357.5 91%	245	360.0 - 370.0	10.0	0.52		
		RECOVERY 357.5-378.0 42%	246	370.0 - 380.0	10.0	0.42		
		379.6-385.2 st. fract. low angle CA.						
		385.5-386.6 qtz-carb vein 5°CA.						
		392.9-393.7 1/2" py v. with some cc.						
		394.5-401.5 fractured // CA.	247	380.0 - 390.0	10.0	0.47		
		407.8-412.0 st. fract. mainly // CA.	248	390.0 - 400.0	10.0	0.47		
		415.0-417.5 strongly silicified	249	400.0 - 410.0	10.0	0.41		
		RECOVERY 378.0-419.5 90%	250	410.0 - 420.0	10.0	0.46		
		429.3-432.5 mottled, argil. alterat., st. fract. low angle CA.						
		432.5-433.8 thick sil v. 20°CA						
		452.7-454.6 fractured low angle CA.	251	420.0 - 430.0	10.0	0.28		
		459.0-459.8 fractured 10°CA.	252	430.0 - 440.0	10.0	0.28		
		460.0-471.0 massive, medium grained.	253	440.0 - 450.0	10.0	0.22		
		470.0 trace molybdenite.	254	450.0 - 460.0	10.0	0.20		
		RECOVERY 419.5-472.5 92%	255	460.0 - 470.0	10.0	0.24		

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COMPANY GE&SL PROPERTY CONNORS

Township ST. CATHRINE Claim No. EPL - 235

SHEET No. 5
Started JUNE 30. 1969
Finished JULY 25. 1969
Depth 505.0 FEET

Reference DWG. 3540 - BERGEY
Location 1727 N
2178 E
Elevation 1318 FT. (APPROX.)

HOLE No. CON-3
Bearing ------
Dip: -90° @ Collar; ____ @ ____

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS MoS_2	
208.0 -		GRANITIC INTRUSIVE (cont.)							
		476.0-492.2 st. fract. low angle CA.							
		490.0-492.2 alt. volcanic inclusion							
		492.2-492.7 fractured 5°CA.							
		494.7-496.5 alt. volcanic inclusion							
		fractured // CA.	256	470.0	480.0	10.0	0.23		
		497.5-498.5 alt. volcanic inclusion	257	480.0	490.0	10.0	0.30		
		RECOVERY 472.5-505.0 42%	258	490.0	505.0	15.0	0.24		
	505.0	END OF HOLE. JULY 25. 1969							

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