COMPANY GE & SL
Township ST. CATHRINE

PROPERTY CONNORS
Claim No. EPL 235

SHEET No. 1
STARTED MAY 14, 1969
FINISHED JUNE 16, 1969
DEPTH 573.7 FEET

REFERENCE DWG 3540
PRELIM. GEOL. MAP / BERGEY
LOCATION 1888 N ; 1995 E.
ELEVATION 1400 FT. (APPROX.)

HOLE No. CON-2
BEARING ---
DIP:-90 @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo
0	70.0	NO CORE RECOVERY - triconed: overburden and strongly weathered rock.						
70.0	90.0	PORPHYRITIC INTRUSIVE: strongly weathered, intense argillaceous alteration, sections very soft to earthy: well fractured: jarositic limonite staining, leached out py. bxwks: some very fine specks of possible chalcocite.	149	70.0	80.0	10.0	0.12	
		RECOVERY 70.0-90.0 32%	150	80.0	90.0	10.0	0.11	
90.0	100.0	GRANITIC INTRUSIVE; strong argillaceous alteration: no limonite staining: very finely disseminated 10% sulfides, mainly pyrite, approx. 1/3 sulfides cpy: some of pyrite with possible thin cc coating.						
		RECOVERY 90.0-100.0 30%	151	90.0	100.0	10.0	0.98	
100.0	130.0	ANDESITE(?): argillaceous alteration; bleached and fractured: 15-20% disseminated pyrite. traces cpy.						
		100.0-109.0 partly leached, strongly bleached.	152	100.0	110.0	10.0	0.54	
			153	110.0	120.0	10.0	0.29	
		RECOVERY 100.0-132.0 59%	154	120.0	130.0	10.0	0.28	
130.0	151.4	FELDSPAR PORPHYRY: equigranular feldspar and lesser qtz. phenocrysts, medium grained: moderate argillaceous alteration; fracturing slight to moderate: 5% diss. py., trace cpy.	155	130.0	140.0	10.0	0.27	
		RECOVERY 132.0-150.0 59%	156	140.0	150.0	10.0	0.11	

Drilled by ST & EL JA. Core Size BQ Logged by A.I.Betmanis

COMPANY GE & SL
Township ST. CATHRINE

PROPERTY CONNORS
Claim No. EPL 235

SHEET No. 2
STARTED MAY 14, 1969
FINISHED JUNE 16, 1969
DEPTH 573.7 FEET

REFERENCE DWG. 3540
PRELIM.GEOL.MAP / BERGEY
LOCATION 1888 N ; 1995 E.
ELEVATION 1400 FT. (APPROX.)

HOLE No. CON-2
BEARING —
DIP:-90° @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo
151.4	159.0	FAULT OR CONTACT ZONE: strongly fractured, earthy clay alteration. RECOVERY 150.0-159.0 22%						
159.0	230.5	ANDESITE OR TUFF; strongly silicified, moderate to weak argillaceous alteration, locally bleached; well fractured. 20% pyrite disseminated and on fractures, traces chalcopyrite. 187.0-188.5 strongly fractured. 193.0-197.0 strongly fractured 30° CA., bleached, 20-25% py. 220.3-221.0 thick pyritic vein 45° CA. RECOVERY 159.0-231.0 97%	158	150.0	170.0	20.0	0.88	
			159	170.0	180.0	10.0	0.48	
			160	180.0	190.0	10.0	1.10	
			161	190.0	200.0	10.0	0.74	
			162	200.0	210.0	10.0	0.56	
			163	210.0	220.0	10.0	0.54	
			164	220.0	230.0	10.0	0.50	
230.5	235.5	FELDSPAR PORPHYRY; argillaceous alteration, strongly fractured: 5% diss. pyrite. RECOVERY 231.0-235.2 91%	165	230.0	240.0	10.0	0.15	
235.5	276.2	TUFF; medium grey, fine grained with chloritized spots, silicious matrix; moderately fractured; 10% pyrite disseminated and on fractures, traces chalcopyrite. 249.2-266.0 strongly fractured and silicified about 20° CA., 15% pyrite. RECOVERY 235.2-266.5 95% 271.5-272.3 Feldspar porphyry dyke, mod. kaolinized, 15% diss. py., sharp contacts 45° CA. RECOVERY 266.5-276.5 96%	166	240.0	250.0	10.0	0.88	
			167	250.0	260.0	10.0	0.54	
			168	260.0	270.0	10.0	0.48	
			169	270.0	280.0	10.0	0.57	

Drilled by ST & EL JA. Core Size BQ Logged by A.I.Betmanis

COMPANY GE & SL — PROPERTY CONNORS
Township ST. CATHRINE — Claim No. EPL 235

SHEET No. 3
STARTED MAY 14, 1969
FINISHED JUNE 16, 1969
DEPTH 573.7 FEET

REFERENCE DWG. 3540
PRELIM.GEOL.MAP / BERGEY
LOCATION 1888 N; 1995 E.
ELEVATION 1400 FT. (APPROX.)

HOLE No. CON-2
BEARING -----
DIP: -90 @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu.	ASSAYS Mo
276.2	298.3	GRANITIC INTRUSIVE: medium grained, light grey. massive with occasional narrow fractures, moderate silicification: disseminated and fracture filling 10-15% pyrite, traces chalcopyrite.						
		297.7-298.3 1"pyrite vein 5° CA.	170	280.0	290.0	10.0	0.16	
		RECOVERY 276.5-295.5 95%	171	290.0	300.0	10.0	0.34	
298.3	409.5	ANDESITIC VOLCANIC (tuff?): fine grained, light to dark grey, silicified with strongest silicification with pyrite veining, well fractured to brecciated; 20% pyrite decreasing to 10% with depth, traces cpy.						
		300.5-304.2 strongly fractured // CA.						
		307.8-309.2 Granitic intrusive dyke of above.						
		316.8-318.4 pyritic veining and strong silicification 5-10° CA.	172	300.0	310.0	10.0	0.49	
		324.1-325.0 pyritic veining and silicification // CA.	173	310.0	320.0	10.0	0.30	
			174	320.0	330.0	10.0	0.30	
		326.0-330.8 pyritic veining low angle CA.	175	330.0	340.0	10.0	0.29	
		336.2-338.4 irreg. pyrite veining.	176	340.0	350.0	10.0	0.19	
		349.2-251.7 fracturing with pyrite // CA.	177	350.0	360.0	10.0	0.16	
		368.8-370.7 fractured // CA.	178	360.0	370.0	10.0	0.19	
		378.6-379.7 irreg. fracturing with pyrite	179	370.0	380.0	10.0	0.28	
		381.0-383.0 irreg. fracturing with pyrite low angle to CA.	180	380.0	390.0	10.0	0.24	
			181	390.0	400.0	10.0	0.26	
		RECOVERY 295.5-410.6 96%	182	400.0	410.0	10.0	0.18	
409.5	532.0	QUARTZ DIORITE: medium grained, light grey mottled, massive, strongly silicified:						

Drilled by ST & EL 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 MAY 14, 1969
FINISHED JUNE 16, 1969
DEPTH 573.7 FEET

REFERENCE DWG. 3540
PRELIM. GEOL. MAP / BERGEY
LOCATION 1888 N; 1995 E.
ELEVATION 1400 FT. (APPROX.)

HOLE No. CON-2
BEARING ---
DIP: -90 @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	FROM	TO	WIDTH	ASSAYS Cu	Mo
409.5	532.0	QUARTZ DIORITE (cont.)						
		5-10% pyrite to 442 feet, decreasing to						
		1-2% sulfides with magnetite, increase of						
		cpy/py ratio with depth but decrease of						
		total sulfides.						
		414.5-417.0 strongly fractured.						
		428.2-431.5 magnetite veining with some	183	410.0	420.0	10.0	0.28	
		chalcopyrite // CA.	184	420.0	430.0	10.0	0.34	
		435.3-436.0 fracturing with mag., py. and	185	430.0	440.0	10.0	0.35	
		cpy. // CA.	186	440.0	450.0	10.0	0.12	
		442.0 Decrease of sulfides.	187	450.0	460.0	10.0	0.22	
		442.5-443.5 irreg. veining with 15% mag.	188	460.0	470.0	10.0	0.29	
		RECOVERY 410.6-447.0 94%	189	470.0	480.0	10.0	0.24	
		RECOVERY 447.0-463.0 65%	190	480.0	490.0	10.0	0.26	
		470.6-473.3 fine grained, dark grey dyke.	191	490.0	500.0	10.0	0.25	
		474.2-474.8 fine grained dyke as above.	192	500.0	510.0	10.0	0.27	
		529.2-531.2 fractured // CA.	193	510.0	520.0	10.0	0.30	
		RECOVERY 463.0-531.1 98%	194	520.0	530.0	10.0	0.24	
532.0	-	PORPHYRITIC ANDESITE: light grey, medium						
		to fine grained; slight argillaceous alter-						
		ation of feldspars, generally fresh; minor						
		epidote, changing to silicification with						
		depth: slightly to moderately fractured						
		with carbonate in some fractures; 5% pyrite						
		traces chalcopyrite.						
		534.1-536.2 Quartz diorite dyke						
		540.1-542.0 fractured // CA.						
		543.3-544.4 fracturing with carb. // CA.						
		547.7 Start of silicious alteration.						

Drilled by ST & DL JA. — Core Size BQ — Logged by A.I. Betmanis

COMPANY GE & SL
Township ST. CATHRINE

PROPERTY CONNORS
Claim No. EPL 235

SHEET No. 5
STARTED MAY 14, 1969
FINISHED JUNE 16, 1969
DEPTH 573.7 FEET

REFERENCE DWG. 3540
PRELIM.GEOL.MAP / BERGEY
LOCATION 1888 N; 1995 E.
ELEVATION 1400 FT. (APPROX.)

HOLE No. CON-2
BEARING ---
DIP: -90° @ COLLAR: @

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo
532.0	-	PORPHYRITIC ANDESITE (cont.)						
		552.8-553.5 silicious veining with minor pyrite, low angle CA.	195	530.0	540.0	10.0	0.15	
		570.3-571.4 strong fracturing 45°CA.	196	540.0	550.0	10.0	0.12	
		573.0-573.7 strong fracturing, irregular.	197	550.0	560.0	10.0	0.10	
		RECOVERY 531.1-573.7 88%	198	560.0	573.7	13.7	0.12	
573.7		END OF HOLE, JUNE 16, 1969						

Drilled by ST & EL JA. Core Size BQ Logged by A.I.Betmanis