COMPANY GE&SL
Township ST. CATHRINE

PROPERTY CONNORS
Claim No. EPL - 235

SHEET No. 1
STARTED MARCH 11, 1969
FINISHED APRIL 29, 1969
DEPTH 497.0 FEET

REFERENCE DWG. 3540
PRELIM. GEOL. MAP/BERGEY
LOCATION 1911 N: 1622 E
ELEVATION 1310 FT. (APPROX)

HOLE No. CON- 1
BEARING —
DIP: - 90° @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo
00	- 34.0	OVERBURDEN, soil and alluvial with boulders, Triconed-no sample recovery						
34.0	- 74.0	GRANITIC INTRUSIVE(?). medium grained. light grey, containing some fine chloritized inclusions (giving textural appearance of a pyroclastic); very strongly fractured, frequent fractures //CA; silicification and argillaceous alteration: 10-15% diss. pyrite throughout and on fractures, traces chalcopyrite.	101	34.0	40.0	6.0	0.07	
			102	40.0	50.0	10.0	0.04	
			103	50.0	58.0	8.0	0.06	
			104	58.0	62.0	4.0	0.07	
		RECOVERY 34.0-56.0 39%	105	62.0	70.0	8.0	0.05	
		RECOVERY 56.0-73.0 66%						
74.0	- 75.5	INTRUSIVE CONTACT ZONE; rock as above with frequent 1"-2" andesite inclusions.						
		RECOVERY 73.0-76.5 88%	106	70.0	80.0	10.0	0.07	
75.5	- 101.0	ANDESITE; fine to medium grained, massive, with occasional irregular fractures; minor chloritic alteration, fresh feldspars: 10-20% py diss. and on fractures, traces cpy and increasing with depth.	107	80.0	90.0	10.0	0.11	
			108	90.0	100.0	10.0	0.12	
		87.7-88.4 3" mottled dyke of above intrusive, approx. 20° CA, with 15% py.						
		93.0-94.0 1ft. dyke of above intrusive, well fractured, with frequent py veins						
		95.3-96.0 narrow sil. pyritic veining, 25-30° CA.						
		96.0-98.5 strongly fractured with some						

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

CO... ..NY GE .. SL
Township ST. CATHRINE

PROPERTY CONNORS
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SHEET No. 2
STARTED MARCH 11, 1969
FINISHED APRIL 29, 1969
DEPTH 497.0 FEET

REFERENCE DWG. 3540
PRELIM. GEOL. MAP/BERGEY
LOCATION 191T N; 1622 E
ELEVATION 1310 FT. (APPROX)

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

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo
75.5	101.0	ANDESITE (cont.) pyrite on fractures. RECOVERY 76.5-99.0 83%						
101.0	147.0	GRANITIC INTRUSIVE as above, alteration more argillaceous, slight increase of disseminated sulfides, more frequent traces of chalcopyrite. RECOVERY 99.0-112.5 61%	109	100.0-110.0		10.0	0.06	
		104.5-108.0 strongly fractured with low angle CA sil. pyritic veining. 112.0-116.0 very strongly fractured 117.0-123.0 strongly fractured; abundant ground core. 123.0-124.0 old shear(?), chloritized, 45° CA, 20% diss.py.,minor cpy. 127.0-130.0 strongly fractured; abundant ground core.	110	110.0-120.0		10.0	0.32	
		RECOVERY 112.5-130.0 40%	111	120.0-130.0		10.0	0.15	
		135.0-135.7 very strongly fractured	112	130.0-140.0		10.0	0.20	
		RECOVERY 130.0-147.0 47%	113	140.0-150.0		10.0	0.14	
147.0	212.5	ANDESITE, medium to fine grained, slight to moderate fracturing: alteration slight, fresh feldspars, occasional quartz grains possibly secondary; about 10% pyrite, mainly as fine dissemination but increasing as narrow fracture veins with depth. RECOVERY 147.0-165.2 68%	114	150.0-160.0		10.0	0.24	
		158.5-159.5 fine grained granitic	115	160.0-170.0		10.0	0.38	

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COMPANY GE & SL
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PROPERTY CONNORS
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SHEET No. 3
STARTED MARCH 11, 1969
FINISHED APRIL 29, 1969
DEPTH 497.0 FEET

REFERENCE DWG. 3540
PRELIM. GEOL. MAP/BERGEY
LOCATION 1911 N: 1622 E.
ELEVATION 1310 FT. (APPROX)

HOLE No. CON-1
BEARING
DIP: -90° @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo
147.0	212.5	ANDESITE (cont.)						
		intrusive, fractured.						
		165.0-184.0(approx) silicified and	116	170.0-180.0		10.0	0.36	
		bleached, well fractured to brecciated,	117	180.0-190.0		10.0	0.38	
		some narrow fractures with slip // CA.	118	190.0-200.0		10.0	0.44	
		RECOVERY 165.2-215.0 94%	119	200.0-210.0		10.0	0.18	
212.5	260.3	TUFF, andesitic to rhyolitic, fine grained,						
		light grey with fine chloritized fragments:						
		silicified: moderatly to well fractured.						
		with narrow pyrite fracture fillings: about						
		5% disseminated pyrite.						
		RECOVERY 215.0-261.0 99%	120	210.0-220.0		10.0	0.12	
		212.5-214.0 1/8" pyritic veining // CA.	121	220.0-230.0		10.0	0.10	
		220.0-222.2 pyritic veining 5-10° CA.	122	230.0-240.0		10.0	0.06	
		253.7-254.8 fracturing 20° CA.	123	240.0-250.0		10.0	0.06	
		257.4-259.0 fractured. low angle CA.	124	250.0-260.0		10.0	0.08	
260.3	270.4	FAULT ZONE, strongly fractured approx. 30° CA						
		bleached, intense clay alteration, approx.						
		10-15% pyrite.						
		RECOVERY 261.0-270.4 92%	125	260.0-270.0		10.0	0.06	
270.4	418.4	ANDESITE; fine grained, dark grey, well						
		fractured with carbonate fracture fil-						
		lings: carbonate and argillaceous alt-						
		eration but slight with frequent fresh						
		feldspars, except locally in more fract-						
		ured zones: 5-15% pyrite.						
		279.7-280.1 strongly fractured						
		286.0-286.8 fractured with 15% pyrite						

Drilled by S.T.& E.L. JA.
Core Size NX - BX
Logged by A.I.Betmanis

COMPANY GE & SL
Township ST. CATHRINE

PROPERTY CONNORS
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SHEET No. 4
STARTED MARCH 11, 1969
FINISHED APRIL 29, 1969
DEPTH 497.0 FEET

REFERENCE DWG. 3540
PRELIM. GEOL. MAP / BERGEY
LOCATION 1911 N; 1622 E.
ELEVATION 1310 FT. (APPROX.)

HOLE No. CON - 1
BEARING ---
DIP: -90° @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo
270.4	418.4	ANDESITE (cont.)						
		288.7-291.0 irregular carbonate veining with pyrite.	126	270.0	280.0	10.0	-0.01	
			127	280.0	290.0	10.0	0.06	
		RECOVERY 270.4-297.0 98%	128	290.0	300.0	10.0	0.06	
		295.5-299.7 irreg. pyritic carbonate veining, very broken core						
		299.7-302.4 FAULT ZONE. intensely fractured, clayey alteration.						
		RECOVERY 297.0-303.0 80%	129	300.0	310.0	10.0	0.02	
		310.0-315.0 well fractured with pyritic carbonate and minor qtz. fract. filling: 15-20% pyrite: low angle CA.						
		318.4-321.5 strong pyrite veining 5°CA.	130	310.0	320.0	10.0	0.10	
		333.4-334.5 thick pyritic vein 25°CA.	131	320.0	330.0	10.0	0.10	
		348.5-349.3 pyritic veining 35°CA.	132	330.0	340.0	10.0	0.10	
		RECOVERY 303.0-348.3 98%	133	340.0	350.0	10.0	0.06	
		360.4-361.7 pyritic veining low angle CA						
		364.5-365.4 pyritic veining, 45°CA and low angle CA.	134	350.0	360.0	10.0	-0.01	
		366.3-366.6 1/2" pyrite vein 45°CA.	135	360.0	370.0	10.0	0.04	
		368.7-369.6 irreg. pyritic veining low angle CA.	136	370.0	380.0	10.0	0.04	
		379.5 CONTACT BETWEEN TWO ANDESITE BEDS (?) Above: fine grained, dark grey, 5% py. Below: medium grained changing to fine grained with depth, medium to light grey: more silicious -possibly andesitic to rhyolitic tuff- with 15% pyrite and tr. cpy., decreasing with depth, and increase of magnetite with decrease of pyrite.						
		389.2-390.4 thin mag. veining // CA.						

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PROPERTY CONNORS
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SHEET No. 5
STARTED MARCH 11, 1969
FINISHED APRIL 29, 1969
DEPTH 497.0 FEET

REFERENCE DWG. 3540
PRELIM. GEOL. MAP / BERGEY
LOCATION 1911 N; 1622 E.
ELEVATION 1310 FT. (APPROX.)

HOLE No. CON - 1
BEARING ----
DIP: -90° @ COLLAR; @

FROM	TO	DESCRIPTION	SAMPLES NO	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	ASSAYS Cu	ASSAYS Mo
270.4	418.4	ANDESITE (cont.)						
		394.3-394.6 3/4" magnetite vein 40°CA.	137	380.0	390.0	10.0	0.08	
		RECOVERY 348.3-398.0 99%	138	390.0	400.0	10.0	0.06	
		408.2-409.2 thick magnetite vein 25°CA	139	400.0	410.0	10.0	0.05	
		RECOVERY 398.0-419.0 96%	140	410.0	420.0	10.0	0.04	
418.4	-	FELDSPAR PORPHYRY, dark grey, moderatly fine grained, alteration slight argillaceous stronger localized at fractures, frequent magnetite veinlets, 5% finely disseminated pyrite.						
		429.0-430.0 strongly fractured						
		431.5-433.0 strongly fractured, irreg.	141	420.0	430.0	10.0	0.04	
		magnetite veining.	142	430.0	440.0	10.0	0.02	
		435.4-436.0 1/2" magnetite vein 10°CA.	143	440.0	450.0	10.0	0.20	
		438.0-442.0 bleached, irreg. mag. veins.	144	450.0	460.0	10.0	0.26	
		446.8-452.7 bleached, strongly fractured	145	460.0	470.0	10.0	0.14	
		to brecciated, with abundant magnetite.	146	470.0	480.0	10.0	0.22	
		474.4-474.6 1/2" magnetite vein 40°CA.	147	480.0	490.0	10.0	0.14	
		RECOVERY 419.0-497.0 99%	148	490.0	497.0	7.0	0.10	
	- 497.0	END OF HOLE						

Drilled by S.T. & E.L. JA. Core Size BX - AXT Logged by A.I.Betmanis