



31M04SW0035 15 STRATHCONA

010

### Diamond Drilling

Township OF STRATHCONA

Report N<sup>o</sup>: 15

Work performed by: COPPERFIELD MINING CORP.

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
T 46999	C-1	372'	Mar/60	
	C-2	346'	Mar/60	
T 47113	C-3	280'	Mar/60	
	C-4	319'	Mar/60	
T 55820	C-5	306'	July/65	
T 54899	C-12	256'	Dec/70	(1)
	6 DDH	1879.		

### Notes:

(1) #261/70

# DIAMOND DRILL RECORD

PROPERTY O'CONNOR GROUP, STRATHUNA TOWNSHIP, ONTARIO, HOLE NO. CI

SHEET NUMBER 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 18-3-60  
 LATITUDE L 770'N DATUM Cleve # 144919 COMPLETED 21-3-60  
 DEPARTURE 1960'N BEARING 157° ULTIMATE DEPTH 372  
 ELEVATION \_\_\_\_\_ DIP -45° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 6.5	CASING (sand, gravel, mud)				
6.5 - 372	<b>Rhyolite - altered rhyolite (sericitic schist)</b>  Generally strong sericitic schist at 60° to core. Mineralized with 1" - 3" pyrite. Footage to 41.3 shows more variety of alteration and oxidation.  Rhyolite where not schistose is fine grained white to grey in colour with continuous minor pyrite content and moderate carbonization.  235 - 290 Altered rhyolite with possibly more consistent primary pyrite content with sparse quartz-carb. veining.  Occ. qtz-carb. veining at 30° to core and from 290 - 372 more evident at 60° to core.				
	END OF TABLE				

RECEIVED  
 JUL 8 - 1960  
 MINING DIVISION

DRILLED BY \_\_\_\_\_

SIGNED W. Ross, Jr.

# DIAMOND DRILL RECORD

PROPERTY O'CONNOR GROUP, STRATTONA TOWNSHIP, ONTARIO HOLE NO. C 2

SHEET NUMBER 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 23-3-60  
 LATITUDE Line 905'N DATUM \_\_\_\_\_ COMPLETED 24-3-60  
 DEPARTURE 1510'N BEARING 157° ULTIMATE DEPTH 346'  
 ELEVATION \_\_\_\_\_ DIP 0 - 45° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
0 - 21	CASING (sand, gravel, boulders)				
20 - 21	Boulders				
21 - 207	<u>Altered Gabbro</u>				
	similar to Hole C 1 (peridot schist) with zoning at 60' to core.				
	<u>Felsite Dikes</u>				
	Fine grained, gray-black, dense, at 10" to core somewhat similar to Temagami Mine D1 dike.				
	26.3 - 27.6				
	102 - 103.8				
	<u>Diabase Dike</u>				
	Fine grained grayish-green diabase dike obscure contacts.				
	93 - 98.8				

N.M.P. TORONTO-STOCK FORM NO. 501 REV. 12/51

DRILLED BY \_\_\_\_\_

SIGNED C. Deane

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. \_\_\_\_\_

SHEET NUMBER \_\_\_\_\_

**2**

SECTION FROM \_\_\_\_\_

TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

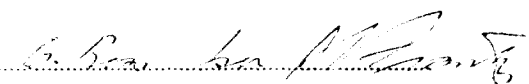
DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
207 - 316	<p><u><b>meta-diorite</b></u></p> <p><b>fine grained, carbonated, chloritized bearing striated patches of leucose, minor pyrite and chalcopyrite. Similar to meta-diorite in Yowgani Mine area.</b></p>						

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY MINERAL DEVELOPMENT, 1000 BAYVIEW AVE., SCARBOROUGH, ONTARIO HOLE NO. 100

SHEET NUMBER 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 2-1-64  
 LATITUDE 43° 41' N DATUM CLARK 1922 COMPLETED 2-13-64  
 DEPARTURE 110' BEARING 107° ULTIMATE DEPTH 200'  
 ELEVATION \_\_\_\_\_ DIP 45° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 10	0-14 (cont. gravel)				
10 - 20	10-110				
	fine grained, white loam; sparse p. rite.				
	100 - 20' slumped at 107 to core.				
	20 - 20 " " " "				
	hole stopped because of 15' of sand difficulties.				
20	20-110				

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

*(Handwritten signature)*

# DIAMOND DRILL RECORD

PROPERTY 2000000000, UNIVERSITY OF TORONTO, ONTARIO HOLE NO. 4

SHEET NUMBER 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 19-3-60  
 LATITUDE 43° 40' DATUM Clare # 107113 COMPLETED 21-3-60  
 DEPARTURE 1005 BEARING 107 ULTIMATE DEPTH 310  
 ELEVATION \_\_\_\_\_ DIP -47 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 10	100% (sand, gravel)				
10 - 15	shale				
15 - 20	shale, altered at 15' to core, chlorite slips, siderite concretions, sparse pyrite.				
20 - 25	shale				
25 - 30	fine grained, greenish with coal and sericitic veins, contacts at 27' to core.				
30 - 35	shale				
35 - 40	siderite chlorite and carbonate sparse con., gr. carb. veins at 37' to core.				
40 - 45	10' - 12' erratic qtz vein.				
45 - 50	shale				
50 - 55	siderite concretions at 53' with chlorite siderite				

N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

*Robert A. [Signature]*

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. \_\_\_\_\_

SHEET NUMBER \_\_\_\_\_

SECTION FROM \_\_\_\_\_

TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

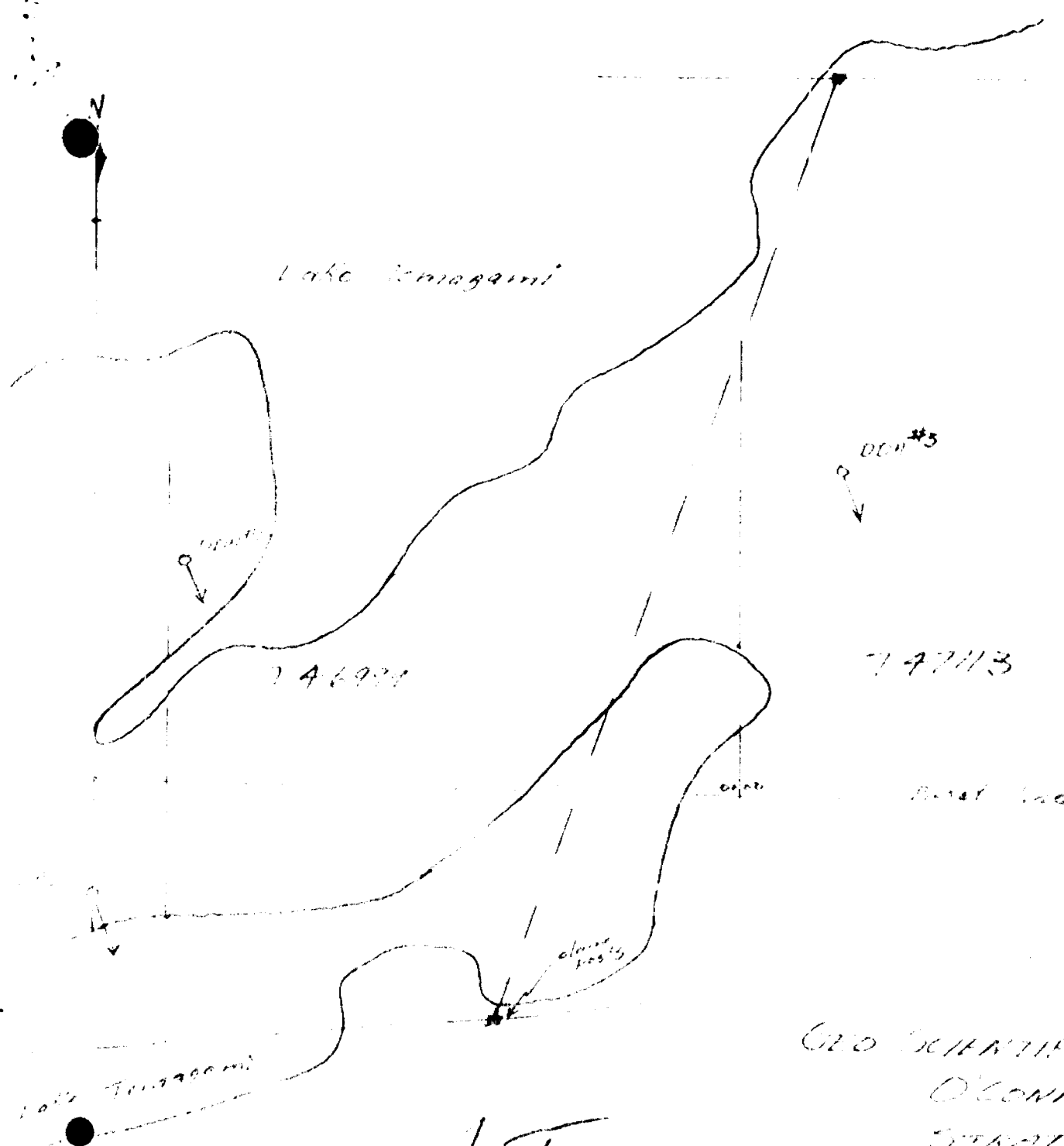
PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
	end at 10' with meta-diorite. approx. contact estimated at 10' to core. quartz is milky white and barren.						
14 - 319	meta-diorite						
	moderate chlorite and carbonate content with strong shearing at 20' to core from 291 to 300 and bearing more prominent quartz-carb. veinlet in the shear zone. meta-diorite bears patches of leucocene similar to hole 212 but is also a stiffer rock type to leucocene vein area.						
319	meta-diorite						

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

*[Handwritten signature]*



Scale 1:200'

Lake Temagami

D.H. #3

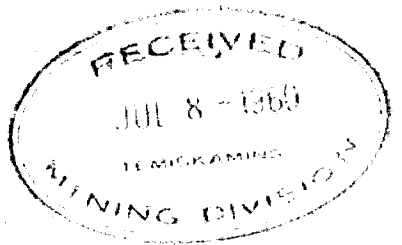
D.H. #4

D.H. #5

746928

747113

D.H. #6

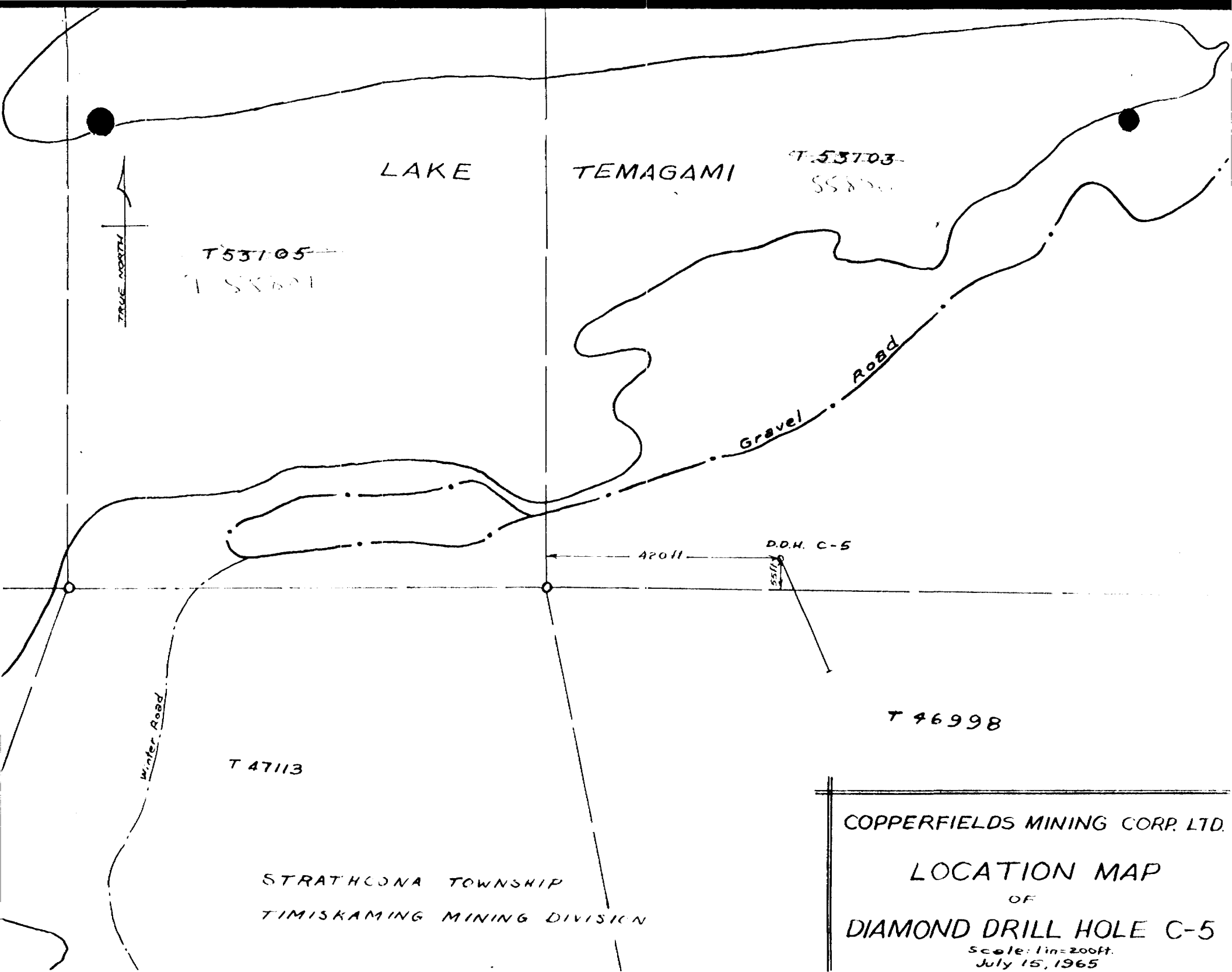


Lake Temagami

*[Handwritten signature]*

GEO SCIENTIFIC PROSPECTORS LTD.  
O'CONNOR GROUP  
STRATHCONA TWP.  
1960 Drill hole locations





LAKE

TEMAGAMI

T 53103  
SS800

T 53105  
T 53801

TRUE NORTH

Gravel Road

Winter Road

42011

D.D.H. C-5

T 46998

T 47113

STRATHCONA TOWNSHIP  
TIMISKAMING MINING DIVISION

COPPERFIELDS MINING CORP. LTD.

LOCATION MAP

OF

DIAMOND DRILL HOLE C-5

Scale: 1 in = 200 ft.  
July 15, 1965

## DIAMOND DRILL RECORD

PROPERTY O'CONNOR HOLE No. B-5

SHEET NUMBER SECTION FROM TO STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING ULTIMATE DEPTH

ELEVATION DIP PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
203.0' - 206.5'	RYHOLITE - light gray-green, very siliceous. Py, CPY, carbonate streaks at 80°.								
206.5' - 210.0'	Broken Core - RHYOLITE - medium dark green, sheared fragments. Carbonate and quartz carbonate veinlets.								
210.0' - 228.0'	RHYOLITE - breccia tuff medium to dark green with dark green chlorite flecks. Quartz phenocrysts. Minor py stringers. Fractures at 45°.								
228.0' - 238.0'	RHYOLITE - Fragmental, very siliceous. Minor disseminated py. 237.0' to 238.0' NO CORE.								
238.0' - 255.0'	RHYOLITE - Medium gray-green with dark chlorite flecks. Quartz eyes. Same finely disseminated py. and irregular low angle py., cpy. quartz carbonate veinlets.								

(Continued - Page 4)

**DIAMOND DRILL RECORD**PROPERTY O'CONNOR..... HOLE No. C-5.....

SHEET NUMBER..... SECTION FROM..... TO..... STARTED.....

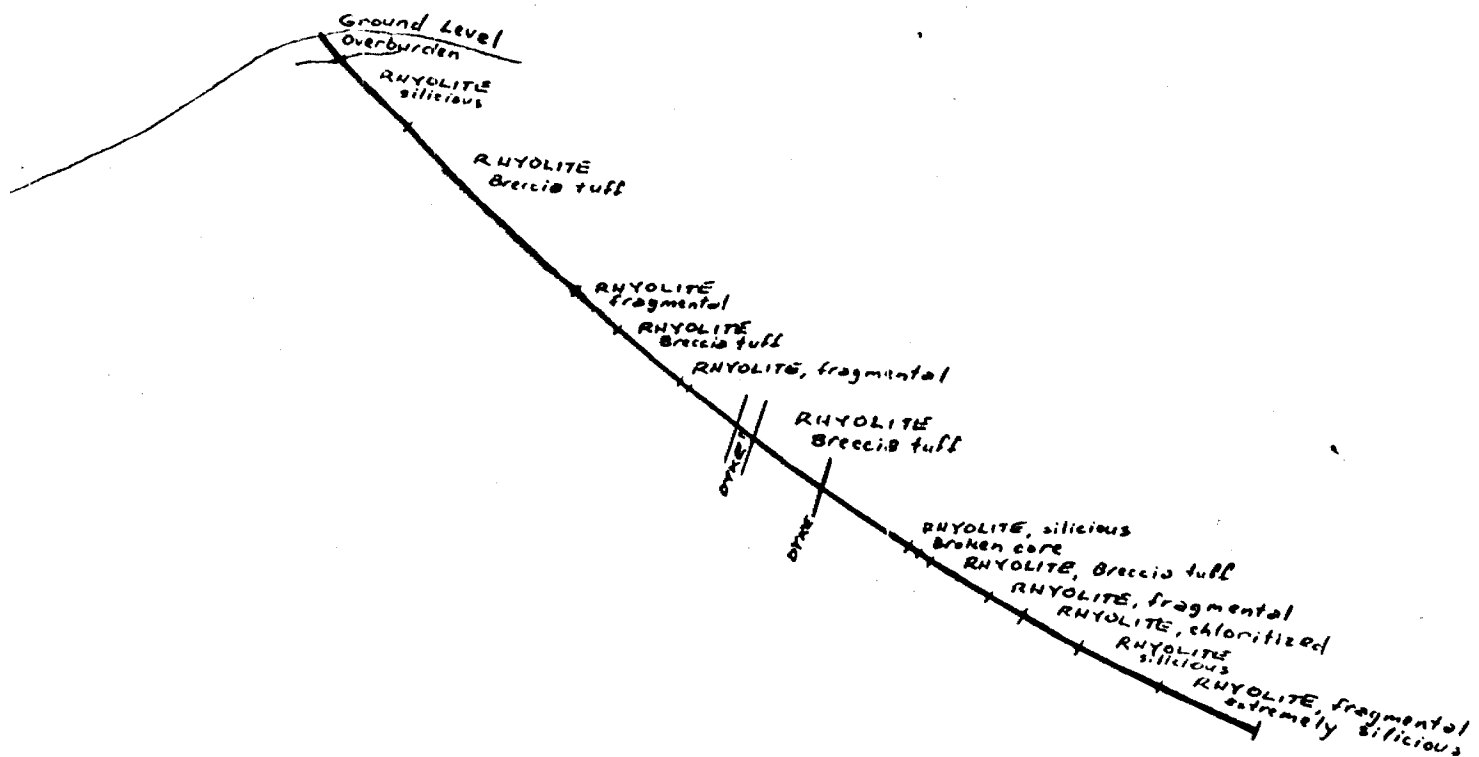
LATITUDE..... DATUM..... COMPLETED.....

DEPARTURE..... BEARING..... ULTIMATE DEPTH.....

ELEVATION..... DIP..... PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
255.0'	278.0' RHYOLITE - Light green, siliceous with chloritized flecks. Schistosity at 35°.								
		267.0'	to	268.0'					NO CORE
		277.0'	to	278.0'					NO CORE
278.0'	306.0' RHYOLITE - Fragmental, extremely siliceous, pale green, trace disseminated py.								
	<u>END. OF HOLE</u>								

North ← → South



TIMISKAMING  
MINING DIVISION  
TOWNSHIP OF  
STRATHCONA

COPPERFIELDS MINING CORP. LTD.  
DIAMOND DRILL HOLE C-5  
SECTION ALONG AZIMUTH 156°

SCALE: 1 in. = 50 ft.  
JULY, 1965

12-13-273

## DIAMOND DRILL RECORD

PROPERTY O'CONNOR HOLE No. C-5  
 SHEET NUMBER 1 SECTION FROM 0 TO 306 STARTED July 4, 1965  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED July 14, 1965  
 DEPARTURE \_\_\_\_\_ BEARING S 24° E ULTIMATE DEPTH 306'  
 ELEVATION \_\_\_\_\_ DIP -45° S PROPOSED DEPTH 300'

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0 - 10'	Casing								
0 - 7.0'	Overburden								
7.0' - 32.0'	RHYOLITE - pale gray-green mottled siliceous with carbonate and some quartz phenocrysts, some disseminated py and tr. cpy. fractured 45° to core axis with quartz carbonate and some py mineralization.								
32.0' - 93.5'	RHYOLITE - breccia tuff pale gray-green, fragments to 1/16" diameter sheared 45° to core axis; disseminated py and some cpy. fractures at 45° with py mineralization. 49.0' to 50.0' No Core.								
93.5' - 108.0'	RHYOLITE - fragmental with carbonate phenocrysts - very siliceous - disseminated py. and slight cpy. 101.0' to 104.0' 30 - 40% of core massive py. with cpy.								
108.0' - 129.0'	RHYOLITE - breccia tuff-siliceous, carbonated disseminated py. trace cpy. Py mineralization in fractures at 45° to core axis.								

(Continued - Page 2)

TPC NEW LISKEARD

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

*A. I. Bellmanis*

## DIAMOND DRILL RECORD

PROPERTY O'CONNOR HOLE No. C-5

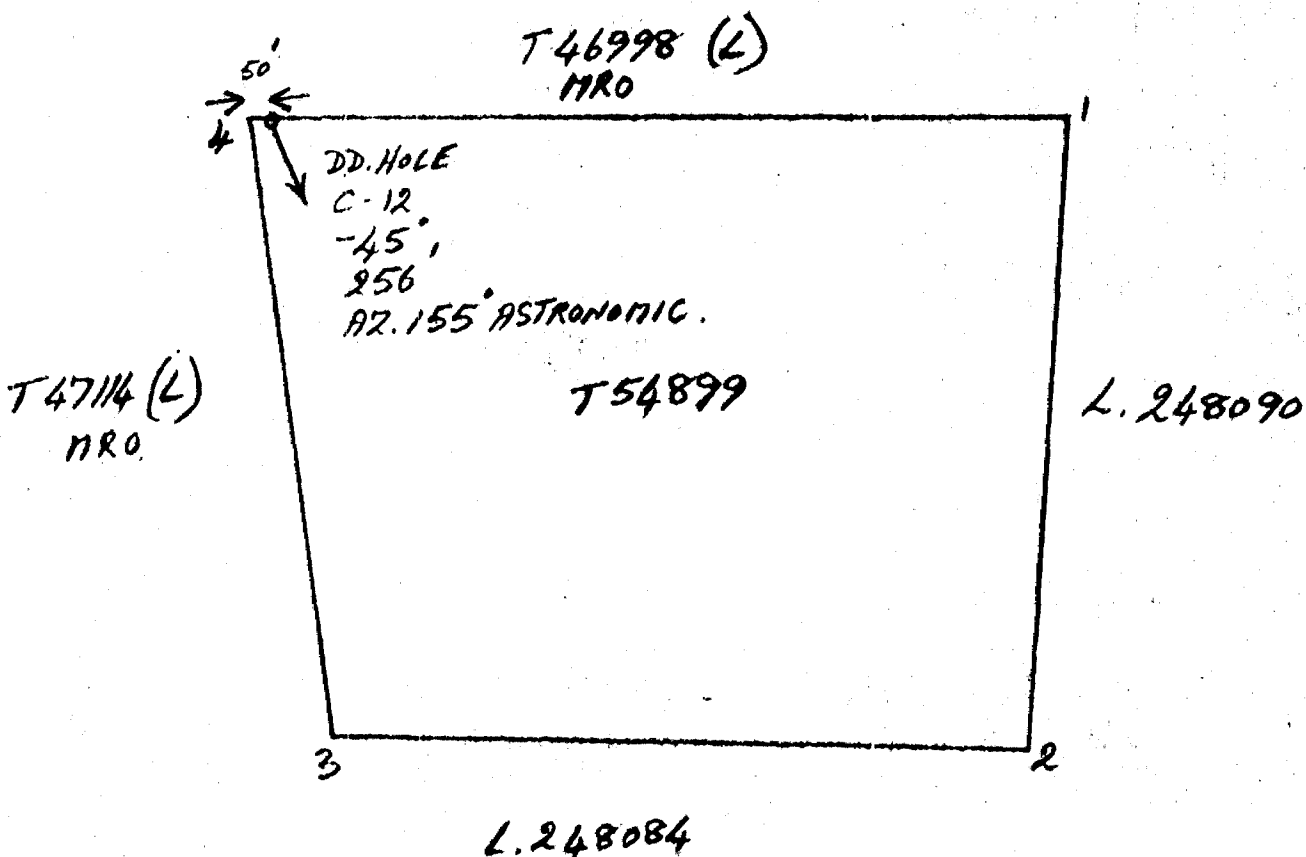
SHEET NUMBER ..... SECTION FROM ..... TO ..... STARTED .....

LATITUDE ..... DATUM ..... COMPLETED .....

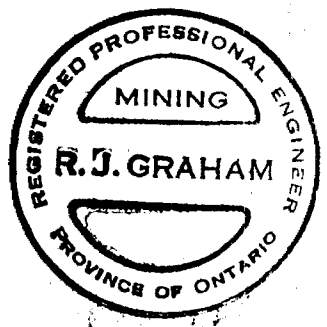
DEPARTURE ..... BEARING ..... ULTIMATE DEPTH .....

ELEVATION ..... DIP ..... PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
129.0' - 132.0'	RHYOLITE - fragmental								
132.0' - 203.0'	RHYOLITE - breccia tuff, some fragments chloritized. Disseminated py., trace cpy. 147.0' to 153.0' DYKE - medium green, fine grained with chloritized phenocrysts. A few thin irregular chlorite veins approximately 35° to core axis.								
	156.0' to 157.0' NO Core.								
	157.0' to 166.0' Siliceous								
	161.0' to 161.6' About 20% of core massive py. with trace cpy., quartz carbonate gangue.								
	166.0' to 203.0' Medium green, less siliceous.								
	176.0' to 176.5' DYKE - fine grained light green with dark green flecks, dyke contacts 60° to core axis.								
									(Continued - Page 3)



NB CORE DIA. =  $\frac{1}{16}$ "



COPPERFIELDS MINING CORP. LTD.  
STRATHCONA TOWNSHIP  
LOCATING ASSESSMENT D.D. HOLE

C-12

SCALE 1" = 500'

R.J. Graham Dec 14 '70.

# DIAMOND DRILL RECORD — COPPERFIELDS MINING CORP. LTD.

15

Started December 7th, 1970 Purpose Assessment Hole No. C-12  
 Completed December 8th, 1970 Depth 256' Sheet No. 1 of         
 Twp. Strathcona Township Claim T 54899 Group O'Connor Zone         
 Lat. 0+00N Dep. 51+00E Az. 155° Elev.        Dips Collar -47° 150'-44° 250' -39°

FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		WIDTH	ASSAYS	
FROM	TO			FROM	TO		% CU	% CO
0	19	Casing						
19	59.7	Md typical (Metadiorite)						
		19-40 2-5% sulphides est 0.5% cu						
		40-57.1 10-30% sulphides est 0.5% cu	5151	40.0	57.1	17.1	0.46	0.10
		57.1 - 59.7 30-70% sulphides, consid. magnetite which is strongly magnetic, contrary to that in the vicinity of section 30+00 E where it is haematized. Est. 2-3% cu for the sample.	5152	57.1	59.7	2.6	1.38	0.27
59.7	128	Rbxt (Rhyolite breccia - tuffaceous variety)						
		59.7-60.8 Chloritic, with numerous relic quartz eyes.						
		60.8 - 121.3 Relatively fresh, occasional quartz - ankerite stringers to 2" at 80° to core axis. Rare specks of cyp.						
128	190.7	Ry? or Crystal tuff, 121.3-128 Intense shear 40° to core axis considerable sericitization moderately sheared 40° to core axis to 211'						
		Innumerable tiny sub angular white feldspar (?) grains, some to 1/8".						
		133.9-134.7 1/4" ankerite stringer 80° to core axis, consid. cpy in the stringer and locally in blebs in the wallrock.	5153	133.9	134.7	0.8	0.89	
		165-169 Intensely bleached, sericitic, two 4" ankerite stringers and 80% ankerite from 172.2 - 174 at irregular angles.						
190.7	206.3	Rbxt typical						
206.3	235	Ry? or crystal tuff - Change from previous rocktype abrupt but no contact seen. innumerable tiny white sub angular feldspars in dark green groundmass.						
235	262.5	Rbxt - darker than typical, uniform.						
		END OF HOLE 256' by measured rods. (ie 6'.5 stretch on 256')						



*R.J. Graham*



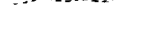



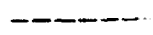
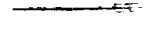


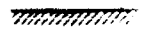

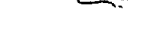



Drilled by Morissette AQ Wireline

Logged by















# STRATHY TP. M.596

## LEGEND

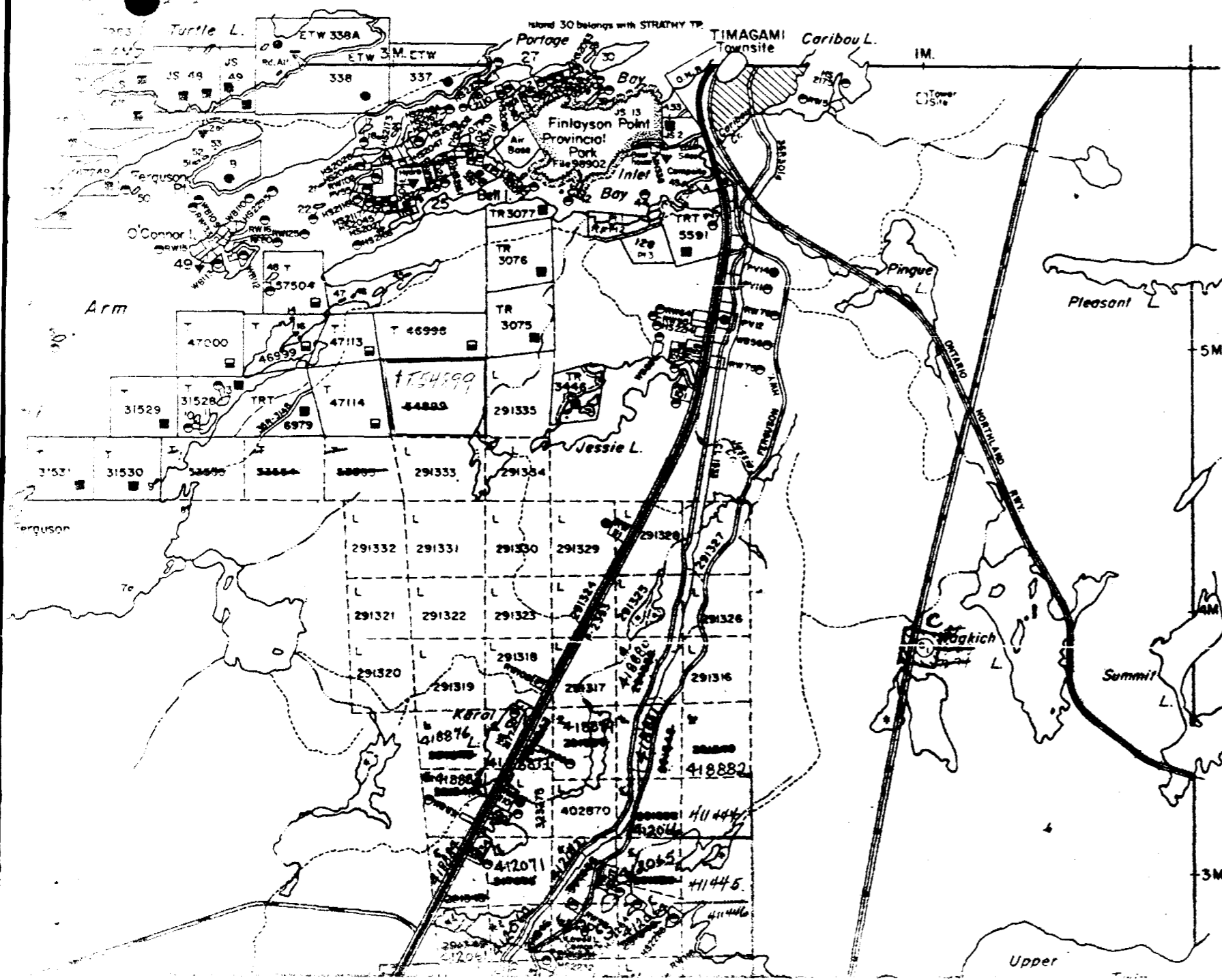
- HIGHWAY AND ROUTE No. 
- OTHER ROADS 
- TRAILS 
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC. 
  - LOTS, MINING CLAIMS, PARCELS, ETC. 
- UNSURVEYED LINES:
  - LOT LINES 
  - PARCEL BOUNDARY 
  - MINING CLAIMS ETC. 
- RAILWAY AND RIGHT OF WAY 
- UTILITY LINES 
- NON-PERENNIAL STREAM 
- FLOODING OR FLOODING RIGHTS 
- SUBDIVISION 
- ORIGINAL SHORELINE 
- MARSH OR MUSKEG 
- MINES 

## DISPOSITION OF CROWN LAND

- | TYPE OF DOCUMENT                |   |
|---------------------------------|---|
| PATENT, SURFACE & MINING RIGHTS |   |
| " SURFACE RIGHTS ONLY           |  |
| " MINING RIGHTS ONLY            |  |
| LEASE, SURFACE & MINING RIGHTS  |  |
| " SURFACE RIGHTS ONLY           |  |
| " MINING RIGHTS ONLY            |  |
| LICENCE OF OCCUPATION           |  |
| CROWN LAND SALE                 |  |
| ORDER-IN-COUNCIL                |  |
| RESERVATION                     |  |
| CANCELLED                       |  |
| SAND & GRAVEL                   |  |

DELL TP. M.578

N: 9

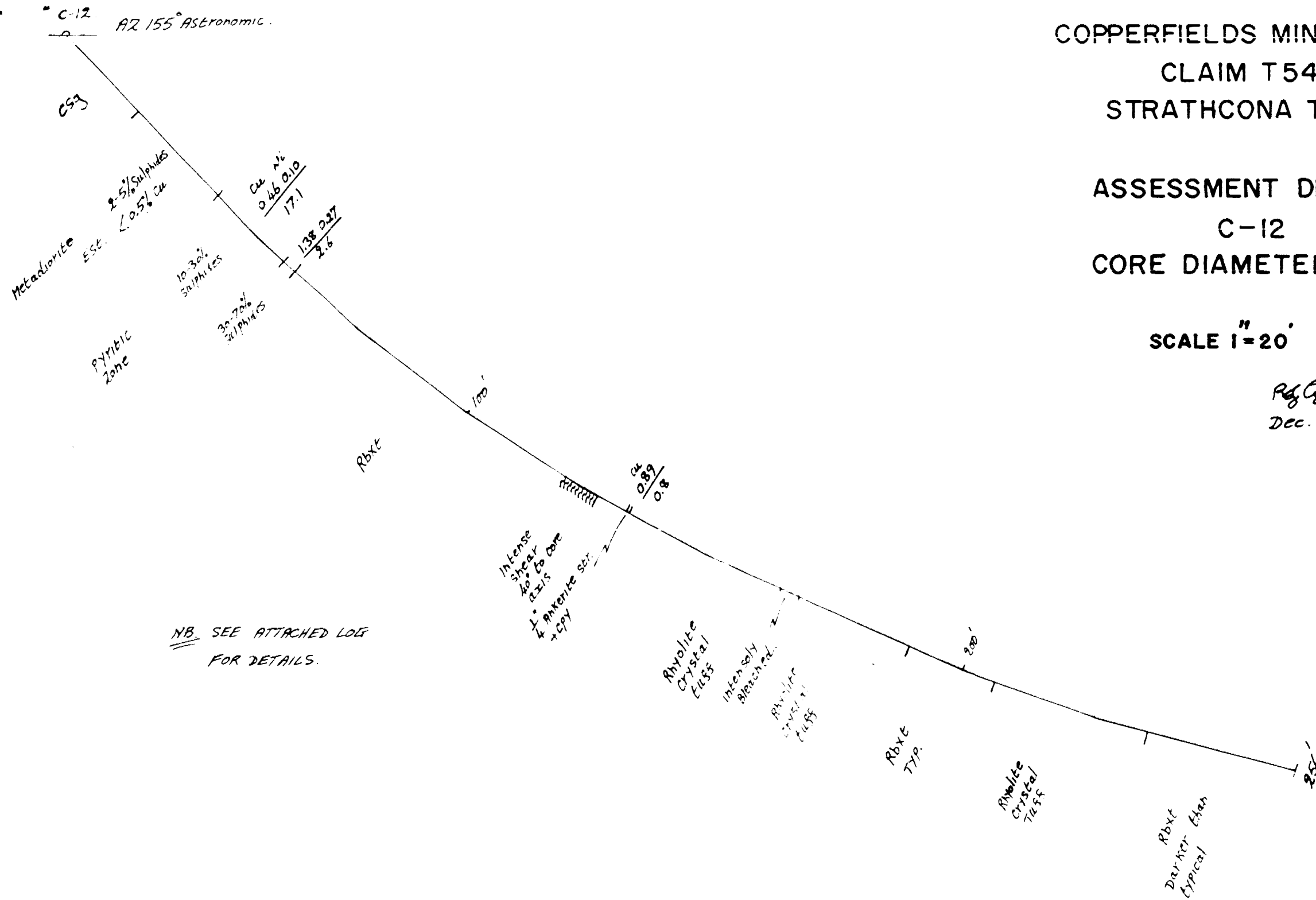


COPPERFIELDS MINING CORP. L.T.D.  
 CLAIM T54899  
 STRATHCONA TOWNSHIP

ASSESSMENT DRILLHOLE  
 C-12  
 CORE DIAMETER 1 1/16"

SCALE 1" = 20'

R. J. Graham P. Eng.  
 Dec. 10 '70.



NB. SEE ATTACHED LOG FOR DETAILS.