



31M04SW0137 12 STRATHY

010

STRATHY TOWNSHIP REPORT NO. 12

This file contains work performed by the following groups on claims:

Stadacona Mines

TRT.6448	Hole # 1	Apr/48
TRT.6814	Hole # 1	Apr/48

Mining Geophysics

TRT.6923	Hole # XR1	Oct/52
	XR2	Oct/52
	XR2	Jan/53
	XR3	Jan/53
TRT.6448	Hole # XR4	Nov/52
TRT.6922	Hole # XR5	Nov/52
	XR1	Dec.52

Maralگو Mines Ltd.

T.35810	Hole # S-1	May/56
	S-2	May/56
TRT.6923	Hole # S-3	May/56
	S-4	June/56
	S-5	June/56
	S-6	June/56
	S-7	June/56
	S-8	June/56
	S-9	July/56
	S-10	July/56

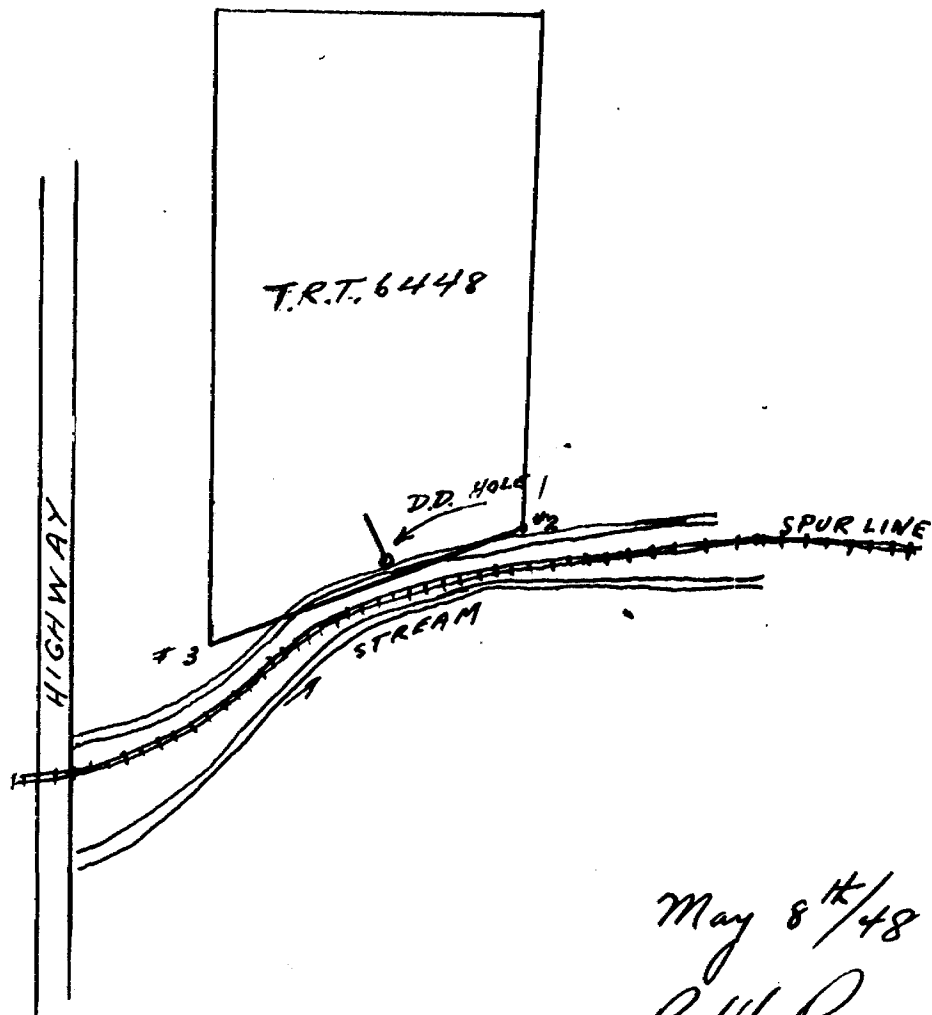
CLAIM TRT 6448

A12

DRILL HOLE ABOUT 10° WEST OF NORTH
DIP 30 DEGREES
DEPTH 130 FT

CORE SHOWED GREENSTONE SCHIST
WITH QUARTZ INCLUSIONS

HOLE SPOTTED NEAR SOUTH BOUNDARY
ABOUT 600 FT FROM #3 POST ON NORTH SIDE
OF ROAD. STARTED IN SOLID ROCK
WD 599



May 8th/48
Ralph Perry

DIAMOND DRILL LOGS

HOLE NO. 1

A1V3

TOTAL DEPTH 150.0

SHEET NO. 1

LAT. N- _____

BEARING _____

ELEV. COLLAR _____

HORIZ. DEPTH _____

DATE START _____

LOCATION _____

DEP. E- _____

ANGLE _____

ELEV. BOTTOM _____

VERT. DEPTH _____

DATE FINISH APR 30 1948

FOOTAGE	ROCK FORMATION	REMARKS	CORE			SLUDGE			
			SAMPLE NO.	OZ. AU.	VALUE	SAMPLE NO.	FOOTAGE	OZ. AU.	VALUE
0.0 - 4.0	Casing								
4.0 - 10.8	Lava	Andesitic, greenish grey, fine gr., some introduced phenocrysts of quartz; very fine gr., bleached, brecciated sections 4.6 - 4.9, 6.0 - 6.4, 7.1 - 8.3, 9.2 - 10.0, 10.4 - 10.8; porphyry injection 5.2 - 5.5 and at 102; a few coarse cubes of py. at 7.0 & 8.9 - 9.8.	8.9 - 9.8	0051 I	.01	0.35			
10.8 - 32.6	Qtz.-Feldspar Porphyry	Hard, buff grey; inclusion of partly assimilated lava 11.0 - 11.3; sparse, fine to med. gr. py. 10.8 - 26.0; 26.0 - 26.8 dark greenish grey altered lava with injections of porphyry. 26.8 - 27.1 dense, hard, fine gr. greyish rock, brecciated, some Qtz.-carb. threads, some fine to med. gr. py. 27.1 - 28.2 highly altered, relatively soft, buff colored rock with a few tiny streaks of emerald green mica, probably more altered phase of rhyolite breccia following, sh'd at 55° to core. 28.9 - 31.1 altered lava. 31.1 - 31.5 somewhat sh'd greyish altered rock with rounded inclusions less than 1/4" diam. containing Qtz. grains - possibly a volcanic but appears to be intrusive into the following: 31.5 - 32.6 dense, fine gr., hard grey lava with 50% injected porphyry veined with Qtz.-carb. threads and fairly well mineralized with pyrite.	10.8-15.8	0052 I	tr.	-			
			15.8-20.8	0053 I	tr.	-			
			20.8-26.0	0054 I	tr.	-			
			31.5-32.6	0055 I	tr.	-			
32.6 - 59.9	Rhyolite Breccia	Sheared and sericitized, very light colored; a few very indistinct rounded inclusions; some med. gr. py. at 32.8, 46.9; rusted 33.3 - 33.9; quartz stringers at low angle to core at 45.2; a 0.1' band of dark grey breccia with sharp contacts at 75° to core at 52.6; 52.4 - 53.4 a little pinkish alteration; 56.6 - 57.9 massive; 58.0 - 58.5 brecciated altered material with a little quartz and a little pyrite.	58.0-58.5	0056 I	tr.	-			

A127

STADACONA ~~ROUN~~ MINES LTD.

DIAMOND DRILL LOGS

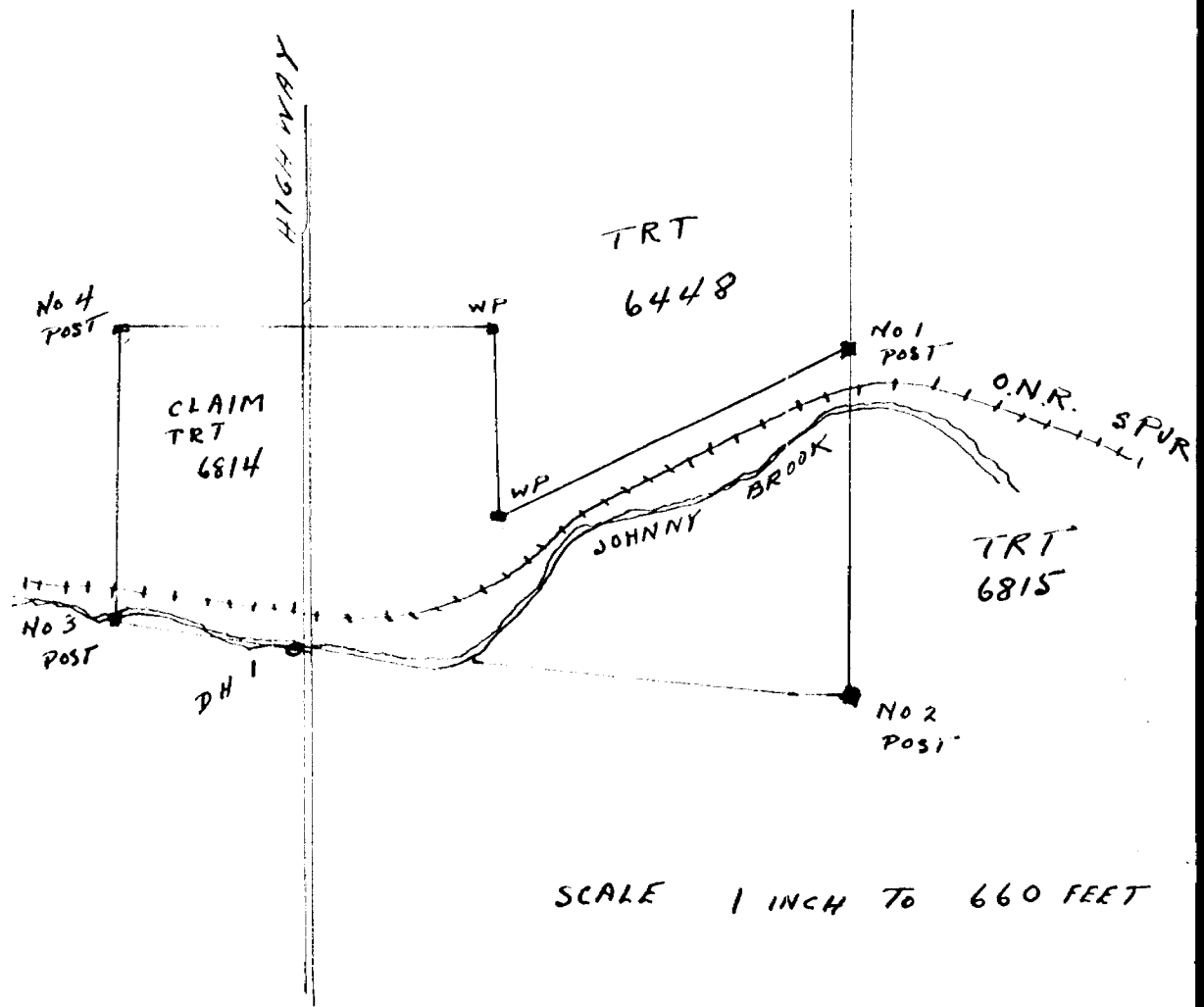
HOLE NO. _____

N.M.P.-C9893

SHEET NO. 2 LAT. N- _____ BEARING _____ ELEV. COLLAR _____ TOTAL DEPTH _____
 LOCATION _____ DEP. E- _____ ANGLE _____ ELEV. BOTTOM _____ HORIZ. DEPTH _____ DATE START _____
 _____ _____ _____ _____ VERT. DEPTH _____ DATE FINISH _____

FOOTAGE	ROCK FORMATION	REMARKS	CORE			SLUDGE			
			SAMPLE NO.	OZ. AU.	VALUE	SAMPLE NO.	FOOTAGE	OZ. AU.	VALUE
59.9 - 61.4	Lava	Grey							
61.4 - 65.8	Rhyolite Breccia	Similar to 32.6 - 59.9, but reddish probably due to rusty weathering from surface; sheared at 75 ⁰ to core; lost core 64.0 - 65.0.							
65.8 - 68.8	Lost Core								
68.8 - 69.8	Lava	Similar to 59.9 - 61.4							
69.8 - 73.5	Rhyolite Breccia	Similar to 32.6 - 59.9 but with distinct fragments which are hard, dense, fine gr., cherty and up to 3/8" diam.; sheared at 50 ⁰ to core, sericitized; pinkish to reddish similar to 61.4 - 65.8; a little py. associated with small blobs of greyish qtz. 70.4 - 73.5	70.4 - 73.5	0057I	tr.	-			
73.5 - 115.5	Lava	Andesite to dacite, similar to 59.9 - 61.4, fairly acid, sh'd, sparse disseminated fine gr. py 73.5 - 76.6; acid injection at start resembling porphyry but with no apparent phenocrysts; some med. gr. py. along a fracture parallel to core 76.2 - 76.6; slightly bleached 76.1 - 77.0; flow top? at 85.6: a few amygdules 85.6-86.3, 94.8 - 96.7; much rusted 89.4 - 91.0; quartz-carbonate, rusted 89.7 - 90.1; 0.2' quartz-carbonate with some fine gr. py. at 94.6; quartz-carbonate 108.3' - 108.7'. Lost core 92.0 - 94.3, 99.0 - 100.0, 109.1 - 110.0	73.5-76.6	0058I	tr.	-			
			89.7-90.2	0059I	tr.	-			
115.5-130.0	Lava	Similar to 73.5 - 115.5 but greener, lightly sh'd brecciated in places; 115.5 - 115.7 some quartz-carb. with a little py. and pyrrhotite; rusty seam at 119.2; some carb. filled amygdules. 125.0 - 129.6, unbrecciated section 127.7 - 129.6; Lost core 123.5 - 125.0							

LOGGED BY _____



SCALE 1 INCH TO 660 FEET

DIAMOND DRILL HOLE #1 LOCATED ON SOUTH
 BOUNDARY 10 FT WEST OF HIGHWAY.
 DRILLED AT AN ANGLE OF 38° NORTH.

STADACONA ROUYN MINES LTD.

N.M.P.—C9093

DIAMOND DRILL LOGS

HOLE NO. 129

TOTAL DEPTH 241.0'

SHEET NO. 1 LAT. N- _____ BEARING _____ ELEV. COLLAR _____ HORIZ. DEPTH _____ DATE START _____

LOCATION _____ DEP. E- _____ ANGLE _____ ELEV. BOTTOM _____ VERT. DEPTH _____ DATE FINISH _____

FOOTAGE	ROCK FORMATION	REMARKS	CORE			SLUDGE			
			SAMPLE NO.	OZ. AU.	VALUE	SAMPLE NO.	FOOTAGE	OZ. AU.	VALUE
0.0 - 64.0	Andesite	Greenish, fine grained, slightly chloritized, much weak shearing, many angular iron carbonate crystals, less than 1/8" in size; 30.5 - 64.0 sheared at 70' to core, strongly at end; 36.7 - 38.0 lost core; 39.6 - 40.2 quartz-porphry, greyish with some angular carbonate crystals as above; 42.5 - 49.0 core rusted, particularly the carbonate crystals which have in many cases been dissolved out; 43.9 - 46.2 lost core; 46.7 - 47.7 lost core.							
64.0 - 148.6	Shear	Chloritized with a little sericite, some irregular blobs of quartz-carbonate, many stringers parallel to shearing, core angle = 65°, sparse fine grained pyrite in places; 66.0 - 66.4 chalky carbonate-quartz; 71.6 - 72.7 lost core; 73.8 - 75.0 lost core; 101.4 - 101.9 75% quartz-carbonate, sparse fine grained pyrite; 126.1 - 126.4 quartz-carbonate							
		64.0 - 67.5	9967 I						
		67.5 - 71.6	68 I						
		72.7 - 73.8	69 I						
		75.0 - 80.0	70 I						
		80.0 - 85.0	71 I						
		85.0 - 90.0	72 I						
		90.0 - 93.0	73 I						
		93.0 - 96.0	74 I						
		96.0 - 99.0	75 I						
		99.0 - 101.4	76 I						
		101.4 - 101.9	77 I						
		101.9 - 103.4	78 I						
		103.4 - 107.0	79 I						
		107.0 - 111.0	80 I						
		111.0 - 111.5	81 I						
		111.5 - 114.0	82 I						
		114.0 - 117.0	83 I						

STADACONA ROUYN MINES LTD.

N.M.P.—C9893

DIAMOND DRILL LOGS

HOLE NO. A168

SHEET No. 2 LAT. N- _____ BEARING _____ ELEV. COLLAR _____ TOTAL DEPTH _____
 LOCATION _____ DEP. E- _____ ANGLE _____ ELEV. BOTTOM _____ HORIZ. DEPTH _____ DATE START _____
 VERT. DEPTH _____ DATE FINISH _____

FOOTAGE	ROCK FORMATION	REMARKS	CORE			SLUDGE		
			SAMPLE NO.	OZ. AU.	VALUE	SAMPLE NO.	FOOTAGE	OZ. AU.	VALUE
		117.0 - 120.0	9984 I					
		120.0 - 123.0	9985 I					
		123.0 - 125.9	9991 I					
		125.9 - 126.4	92 I					
		126.4 - 128.5	93 I					
		128.5 - 132.3	94 I					
		132.3 - 136.2	95 I					
		136.2 - 140.3	96 I					
		140.3 - 144.4	97 I					
		144.4 - 148.6	98 I					
148.6 - 195.6	Diorite	Sheared, fine to medium grained, greyish, no mineralization; 158.1 - 159.2 inclusion of sheared greyish rhyolite with many small introduced carbonate crystals.						
		158.1 - 159.2	9999 I					
195.6 - 199.2	Shear	Similar to 64.0 - 148.6 but with more sericite;						
		195.6 - 198.8	10000 I					
		198.8 - 199.2; quartz-carbonate; sparse pyrite						
		199.2 - 199.2	3351 J					
199.2 - 241.0	Shear	Similar to 64.0 - 148.6; 199.2 - 202.2 rather agglomeratic, fine to medium grained, not as well sheared as remainder;						
		199.2 - 202.2	3352 J					
		202.2 - 206.1	53 J					
		206.1 - 209.5 several quartz-carbonate stringers.						
		206.1 - 209.5	54 J					
		209.5 - 213.5	55 J					
		213.5 - 217.5 similar to						
		213.5 - 217.5	56 J					
		199.2 - 202.2	57 J					
		217.5 - 221.5	57 J					
		221.5 - 225.5	58 J					
		225.5 - 229.5	59 J					
		229.5 - 233.5	60 J					
		233.5 - 238.1	61 J					
		238.1 - 241.0	62 J					

DIAMOND DRILL RECORD, HOLE NO. XR 1

PROPERTY Strathy Township Options

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED October, 1952

LATITUDE Claim TRT 6928, DATUM _____ COMPLETED _____
Strathy Twp.

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 77'

ELEVATION _____ DIP 47° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES				
						GOLD				
						AT.....	AT.....	AT.....	AT.....	
0 - 16	Casing									
16 - 77	Rhyolite									
	16 - 19 - Silicified, minor pyrite									
	19 - 20 - Lost core									
	Local pyrite and little chalcopyrite throughout core									
	White quartz stringers at 90° to core									
	Schistosity at 25° to 30° to core									
	60 - 67 - Mineralized pyrite, arsenopyrite, chalcopyrite									
		H01	60.0	61.5	1.5					
		H02	61.5	67.0	5.7					
		Aver.	60.0	67.0	7.0					
		Probable true width approximately 4 ft.								

NORTHERN MINER FORM 505

DRILLED BY Mining Geophysios

SIGNED _____

1113

DIAMOND DRILL RECORD, HOLE NO. XR #2

PROPERTY Strathy Township Options

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED October, 1962.

DEPARTURE Claim TRT 6923 BEARING _____ ULTIMATE DEPTH 125'

ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES													
						GOLD													
						AT.....	AT.....	AT.....	AT.....	AT.....	AT.....	AT.....	AT.....						
0 - 4	Casing																		
4 - 6	Rhyolite fragmental medium-grain.																		
6 - 10.5	Rhyolite - fine-grained.																		
10.5 - 40	Rhyolite fragmental - medium-to-coarse grained fragments up to 1 inch. Schistosity at 50° to core. Minor pyrite locally.																		
40 - 48	Fine-grained rhyolite																		
48 - 96.5	Rhyolite fragmental - medium to coarse grained. 57' - 1" massive pyrite, minor chalcopyrite 56' - 96' - pyrite locally, very little chalcopyrite and arsenopyrite 81' - 84' - Lost core																		
96.5 - 105	Fine-grained rhyolite fragmental																		
105 - 125	Medium-grained rhyolite fragmental																		

NORTHERN MINER FORM 505

DRILLED BY Mining Geophysios

SIGNED _____

DIAMOND DRILL RECORD, HOLE NO. XR 4

PROPERTY Stathy Township Options

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED November, 1952.

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE CLAIM TRT 6448 BEARING N ULTIMATE DEPTH 53'

ELEVATION _____ DIP 47° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES													
						GOLD													
						AT		AT		AT		AT							
0 - 1.5'	Casing																		
1.5 - 53'	Rhyolite fragmental																		
	3.0 - 4.5 Lost core																		
	5.0 - 6.5 " "																		
	25 - 26 Stringers of black chlorite at 45° to core.																		
	26 - 28 Massive sulphides leached, some chlorite - light bronze	HOM #1	26	28	2.0														
	28 - 32.3 Lost core																		
	32.3 - 35 Rhyolite																		
	35 - 38 Red, leached	HOM #2	35	38	3.0														
	38 - 53 Rhyolite																		

DIAMOND DRILL RECORD, HOLE NO. XR 5

RFX

PROPERTY Strathy Township Options

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED November, 1952
 DEPARTURE CLAIM TRT 6922 BEARING _____ ULTIMATE DEPTH 61'
 ELEVATION _____ DIP 47° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES													
						GOLD													
						AT.....	AT.....	AT.....	AT.....	AT.....	AT.....	AT.....	AT.....						
0 - 3	Rhyolite - fine-grained																		
3 - 11	Lost core																		
11 - 18.5	Medium-grained schistose rhyolite fragmental																		
18.5 - 20.5	Lost core																		
20.5 - 26	Medium-grained schistose rhyolite fragmental																		
26 - 32.5	Lost core																		
32.5 - 53	Rhyolite fragmental medium-to-fine grained. First of section sheared at 30° to core. Approaches sericite quartz schist 32.5 to 53 - 11' lost pyrite and graphite in bits of core recovered.																		
53 - 61	Fine-grain rhyolite fragmental 53 to 58 - local pyrite and graphite																		

A125

DIAMOND DRILL RECORD, HOLE NO. 1

PROPERTY Strathy Township Options

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED Dec. 1952
 DEPARTURE Claim TRT 6922 BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP 55° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES			
						GOLD AT.....	AT.....	AT.....	AT.....
0 - 5	Casing								
5 - 97	Rhyolite fragmental, schistosity 45°								
	22 - 23.5 - well-mineralized pyrite								
	37 - little pyrite 1'								
	42 - little pyrite 1'								
9.7 - 117.5	Graphitic Schist								
	Local pyrite								
117.5 - 120.5	Fine-grained rhyolite								
120.5 - 130	Graphitic schist								
	local pyrite								
130 - 143	Fine-grain rhyolite								
		HOM 5	96.8	100	3.2				
		HOM 6	110	115	5.0				
		HOM 7	120	122.5	2.5				



NORTHERN MINER FORM 505

Canadian Longyear

DRILLED BY.....

SIGNED.....

1159

DIAMOND DRILL RECORD, HOLE NO. 2

PROPERTY Strathy Township Options

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED _____
LATITUDE _____ DATUM _____ COMPLETED January, 1953
DEPARTURE Claim TRT 6925 BEARING _____ ULTIMATE DEPTH _____
ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES			
						GOLD			
						AT.....	AT.....	AT.....	AT.....
0 - 8	Casing								
8 - 52	Acid fragmental, schistosity at 45° to core								
	8 - 45 - Medium-grained.								
	45 - 52 - Fine-grained.								
52 - 71	Graphitic schist - schistosity at 45° to core - local pyrite mineralization								
71 - 110	Acid fragmental								
	80 - 90 local pyrite mineralization								
	90 - 93 " " fairly heavy								
	93 - 99.5 " " mineralization								
	99.25 - 101.25 - pyrite, arsenopyrite, chalcop- pyrite	H21	99.25	101.75	2.5				
	101.25 - 104.25 - minor pyrite, calcite stringers	H23	101.75	104.25	2.5				
	104.25 - 110 - minor pyrite, chalcopyrite, locally heavy arsenopyrite	H22	104.25	110.00	5.75				
	120 - 123.5 - pyrite - Little sphalerite								

NORTHERN MINER FORM 505

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DIAMOND DRILL RECORD, HOLE NO. 2

PROPERTY Strathy Township Options

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED January, 1953.

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 217'

ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES			
						GOLD AT.....	AT.....	AT.....	AT.....
110 - 217	Rhyolite - fine-grain, grey	H24	120	123.5	3.5				
	128 - 130 - Quartz vein								
	132 - 137 - Silicified, brecciated, fine pyrite.								

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DIAMOND DRILL RECORD, HOLE NO. 3

A 111

PROPERTY Strathy Township Options

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED January, 1953

DEPARTURE Claim TRT 6923 BEARING _____ ULTIMATE DEPTH 91

ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES													
						GOLD													
						AT.....	AT.....	AT.....	AT.....	AT.....	AT.....	AT.....	AT.....						
0 - 18	Casing																		
18 - 25	Rhyolite fragmental, medium-grain																		
25 - 34	Rhyolite and graphitic schist with pyrite veinlets																		
34 - 50	Rhyolite fragmental, schistosity 45° to core																		
50 - 53.2	Graphitic schist - pyrite veinlets																		
53.2 - 87	Rhyolite fragmental - local pyrite with some chalcopyrite and arsenopyrite																		
		H32	62	69	7.0														
		H31	69	74	5.0														

NORTHERN MINER FORM 505

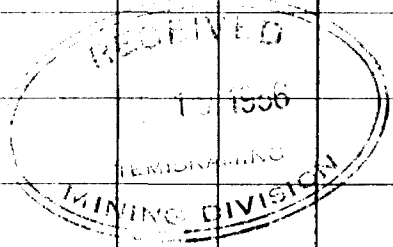
DRILLED BY Canadian Longyear

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DIAMOND DRILL RECORD

Hole No. 5-1 Sheet No. 1 Co-ordinates Collar
 Property ... Lat. ... : Dep. ... Total Depth 407.0
 Drilled by ... Elev. Collar ... Ft. of Core Recovered ...
 Date Begun ... Bearing North % Recovery ...
 Date Finished ... Angle 45 Size Bit Used 1 1/2"
 Contractor's Footage 407.0 Working Place ... Size Core A.A.T.

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Ni	Ag.
0.0'	Soiling					Zn	
3.0'							
3.0'	Microfine light gray massive rock.						
87.5'	Probably altered diorite. Numerous quartz and carbonate veins to 45' to core. Mostly barren.						
87.5'	Lightish fresh dark rock showing chilled contacts with adjoining diorite 45' to core.						
99.5'							
99.5'	Similar as above.						
131.5'							
131.5'	Microfine light gray to dark rock showing numerous fragments up to 6" in diameter. Rock sheared 45' to core.						
257.5'	Dark red sheared rhyolite with disseminated sulphides, mostly pyrite.						
272.0'	Similar to above with sulphides mostly pyrite.						
272.0'	Sample 11 272.0' - 273.2'	11	1.2'	tr	.05	tr	tr
273.2'	Similar to above with light pyritization.						
281.7'	Similar to above fairly heavy sulphide mineral mostly pyrite.						
281.7'	Sample 13 281.7' - 284.0'	13	1.3'	.005	.04	nil	nil
284.0'	Similar to above. Sparse mineral.						
300.0'							
300.0'	Microfine highly siliceous light coloured rock showing some sericite. No sulphides.						
325.0'							
325.0'	Microfine dense grained gray rock.						
392.0'	Probably flow. No sulphides.						



Log By E. L. MacVeigh
 for E. L. MacVEIGH

1101

DIAMOND DRILL RECORD

Hole No. S-2	Sheet No. 1	Co-ordinates Collar	Total Depth 399.0'
Property Maraligo-Strathy		Lat. Dep.	Ft. of Core Recovered
Drilled by Cameron		Elev. Collar	% Recovery
Date Begun May 24, 1956		Bearing North	Size Bit Used A
Date Finished May 28, 1956		Angle 45	Size Core 1 1/2"
Contractor's Footage 399.0'		Working Place T.35810	

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% MnO_2 Zn	% Ag
0.0'	<u>CASING</u>						
4.0'							
4.0'	<u>DIORITE</u> gradational medium to fine grained, grey coloured. 3% quartz carbonate veinlets - some pyrite with minor chalcopyrite.						
47.3'							
47.3'	<u>AGGLOMERITIC VOLCANIC</u> trachytic to rhyolitic, irregular banding at 45° to core. 1-2% disseminated pyrite, minor chalcopyrite.						
62.2'							
	SAMPLES: 52.2' - 57.2'	3	5.0'	.005	.05	Tr	Tr
	57.2' - 62.2'	4	5.0'	.005	.06	Tr	Tr
62.2'	<u>DIORITE</u> very similar to 4.0'-47.0'						
97.6'							
97.6'	<u>AGGLOMERITIC VOLCANIC</u> rhyolitic, 10-15% quartz carbonate veinlets 1% pyrite, minor chalcopyrite.						
105.0'							
105.0'	<u>CRUSHED ZONE</u> - graphitic and feldspathic fragments. Disseminated pyrite and minor chalcopyrite. Sharp contact at 45° to core.						
105.5'							
105.5'	<u>AGGLOMERITIC VOLCANIC</u> - fair pyrite and chalcopyrite - sharp contact						
111.6'	SAMPLE: 105.0' - 110.0'	5	5.0'	.005	.05	.05	Tr
111.6'	<u>GRAPHITE SCHIST</u> - 5-10% quartz carbonate veinlets, 2-3% pyrite in streaks and grains conformable to foliation (45°)						
131.4'							
	SAMPLES: 110.0'-115.0'	6	5.0'	.005	.05	nil	Tr
	115.0'-120.0'	7	5.0'	.005	.02	nil	Tr
	120.0'-125.0'	8	5.0'	.01	.04	Tr	Tr
131.4'	<u>AGGLOMERITIC VOLCANIC</u> - 2% pyrite						
	SAMPLE: 125.0'-130.0'	9	5.0'	Tr	.04	Tr	Tr

Log By **J. T. Sharpe**
for E. L. MacVEIGH

DIAMOND DRILL RECORD

1110

Hole No. **S-2** Sheet No. **2** Co-ordinates Collar
 Property **Maralgo-Strathy** Lat. Dep.
 Drilled by Elev. Collar
 Date Begun Bearing
 Date Finished Angle
 Contractor's Footage Working Place

Total Depth **399.0'**
 Ft. of Core Recovered
 % Recovery
 Size Bit Used
 Size Core

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Cu Zn	% Ag
134.4'	<u>GRAPHITE SHEAR ZONE</u> - good pyrite						
135.3'	SAMPLE: 130.0'-135.0'	10	5.0'	.005	.05	nil	Tr
135.3'	<u>MINERALIZED ZONE-AGGLOMERITIC VOLCANIC</u>						
166.6'	Several bands of massive pyrite from 1/2" to 5" wide (latter at 153.3-153.8'). Average for section about 4%, only minor chalcopyrite. Contact at 166.6' sharp at 10° to core.						
	SAMPLES: 135.0'-140.0'	11	5.0'	Tr	.05	Tr	Tr
	140.0'-145.0'	13	5.0'	.005	.04	Nil	Nil
	145.0'-150.0'	14	5.0'				
	150.0'-155.0'	15	5.0'	Tr	.04	.05	Tr
	155.0'-160.0'	16	5.0'	Tr	.01	.10	Tr
	160.0'-165.0'	17	5.0'	Tr	.01	.05	Tr
	165.0'-170.0'	18	5.0'	Tr	.07	.05	Tr
166.6'	<u>DIORITIC</u> lower contact gradational						
226.9'	rock is greenish grey, fine to medium grained and feldspathic. Quartz carbonate veinlets. Minor pyrite and chalcopyrite.						
	SAMPLE: 170.0'-175.0'	19	5.0'	Tr	.07	nil	Tr
226.9'	<u>AGGLOMERITIC RHYOLITE</u> - disseminated						
229.8'	pyrite.						
	SAMPLE: 226.9'-229.8'	104	2.9'	Tr	.04		Tr
229.8'	<u>DIORITE</u>						
242.5'							
242.5'	<u>RHYOLITE</u> in part flow breccia						
269.3'	disseminated pyrite and minor chalcopyrite.						
	SAMPLES: 242.5'-245.0'	105	2.5'	Tr	.07	nil	Tr
	266.0'-268.3'	106	2.3'	Tr	.04		Tr
269.3'	<u>GABBRO DYKE</u> slightly diabasic,						
278.5'	chilled contact at about 65° to core.						

Log By **J. T. Sharpe**
 for E. L. MacVEIGH

A(127)

TRT 6923 Strathy Twp DIAMOND DRILL RECORD

Hole No. 3 Sheet No. 1 Co-ordinates Collar
 Property Strathy Twp. Lat. : Dep. :
 Drilled by G. Brown Elev. Collar :
 Date Begun May 31st, 1956 Bearing N 20° :
 Date Finished June 4, 1956 Angle 2x 60° :
 Contractor's Footage : Working Place Claim TRT 6923

Total Depth 323.0
 Ft. of Core Recovered :
 % Recovery :
 Size Bit Used :
 Size Core :

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Ag Zn	% Ag.
0.0	CASING						
5.0'							
5.0'	RYOLITE gray dense grained rock with calcite stringers at various angles to core.						
6.0'							
6.0'	LOST CORE						
7.0'							
7.0'	RYOLITE as above						
8.0'							
8.0'	LOST CORE						
9.5'							
9.5'	RYOLITE as above						
11.0'							
11.0'	LOST CORE						
13.5'							
13.5'	RYOLITE as above						
15.0'							
15.0'	LOST CORE						
16.0'							
16.0'	RYOLITE as above						
32.5'							
32.5'	VEIN pyritized rhyolite with quartz & calcite.						
34.5'							
	SAMPLE 32.5 - 34.5	20	2.0	tr	.07	nil	tr
34.5'							
34.5'	RYOLITE sheared as above with some pyritized veins in short sections 60° to core.						
90.6'							
	SAMPLES 43.1 - 44.2	21	1.1	tr	.12	nil	.30
	59.5 - 60.7	22	1.2'	tr	.14	nil	.22
	86.3 - 87.3	23	1.0'	tr	.09	tr	.18
90.6'							
100.0'	VEIN ZONE projection of vein downwards from surface pit. Sheared rhyolite with small quartz-calcite veins showing pyrite, arsenopyrite,						

(cont)

Log By *J. A. Shoye*
 for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. <u>5-3</u>	Sheet No. <u>2</u>	Co-ordinates Collar	Total Depth <u>323.0</u>
Property <u>21.0-1011</u>	Lat.	Dep.	Ft. of Core Recovered
Drilled by <u>Cheron</u>	Elev. Collar		% Recovery
Date Begun	Bearing		Size Bit Used
Date Finished	Angle		Size Core
Contractor's Footage	Working Place		

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% X Zn	% Ag.
90.0'	(cont) sphalerite, & chalcopyrite.						
100.0'	These sulphides are disseminated through the zone with the arsenopyrite, sphalerite, & chalcopyrite apparently a later stage of mineralization than the pyrite.						
	SAMPLES						
	90.6 - 94.7	24	3.2'	tr	.09	.20	tr
	94.8 - 95.5	25	0.8'	tr	.05	.45	tr
	95.5 - 97.3	26	1.8	tr	.07	.05	tr
	97.3 - 100.0	27	2.7'	tr	.12	.15	tr
	100.0 - 105.0	28	5.0'	tr	.07	.05	tr
	105.0 - 110.0	29	5.0'	tr	.09	.05	tr
	110.0 - 115.0	30	5.0'	tr	.07	tr	tr
	115.0 - 120.0	31	5.0'	tr	.07	.10	tr
	120.0 - 124.0	32	4.0'	tr	.09	tr	tr
	124.0 - 127.0	33	3.0'	tr	.10	.25	tr
	127.0 - 130.0	34	3.0'	tr	.08	.25	tr
	130.0 - 135.0	35	5.0'	tr	.08	1.14	tr
	135.0 - 137.0	36	2.0'	tr	.08	.80	tr
	137.0 - 138.5	37	1.5'	tr	.09	1.14	tr
138.5'	<u>DIORITE</u> sheared with no mineralization.						
140.0'	<u>DIORITE</u> flow breccia & flow top structure showing some shearing.						
153.0'	<u>DIORITE</u> sheared with some scattered sulphides.						
169.8'	<u>DIORITE</u> medium grained altered rock darker than the rhyolite showing sharp contacts - 169.8' & 188.6' to core.						
188.6'	<u>DIORITE</u> sheared rock containing sulphide streaks which show an increase in chalcopyrite over the upper part of the hole. Very fine grained, fragments yellower and finer grained than the matrix						

Log By J. J. Shovel
for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. S-3	Sheep No. 3	Co-ordinates Collar	Total Depth 300'
Property	Lat.	Dep.	Ft. of Core Recovered
Drilled by	Elev. Collar	Bearing	% Recovery
Date Begun	Angle	Working Place	Size Bit Used
Date Finished			Size Core
Contractor's Footage			

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Zn	% Pb
188.6'	(cont) brecciation is apparent.					2n	
223.0'	bleached (kaolinized?), 5-6% quartz carbonate veinlets conforming to or crosscutting the fracture cleavage (30° to core). Pyrite occurs as irregular masses and well controlled veinlets (2%). 221.5-223.2'-10% pyrite. Some chalcopyrite and good sphalerite						
	SAMPLE - 221.6 - 223.2'	38	1.7	.005	.25	1.29	1.16
223.0	<u>INTERMEDIATE VOLCANIC</u> resembles to some extent an altered diorite.						
232.9	Numerous veinlets of pyrite and sphalerite conform to fractures at 45° to core lower contact gradational.						
	SAMPLE - 228.0 - 230.0	39	2.0	Tr	.08	.89	Tr
232.9	<u>PHYOLITE AGGLOMERATE</u> fairly good mineralization all through section; pyrite, sphalerite and chalcopyrite aggregate about 4%.						
277.1							
	SAMPLE - 240.0 - 245.0	40	5.0	Tr	.05	.60	Tr
	253.0 - 256.1	41	2.7	Tr	.14	.99	.31
	261.5 - 265.0	42	3.6	Tr	.12	1.19	Tr
	265.0 - 270.0	43	5.0	Tr	.07	.79	nil
	275.0 - 277.2	44	2.2	.005	.21	.15	.54
277.1	<u>INTERMEDIATE VOLCANIC</u>						
281.2							
281.2	<u>PHYOLITE AGGLOMERATE</u> good pyrite, some sphalerite and chalcopyrite						
284.8	<u>ALTERED DIORITE?</u> partially brecciated but generally massive and a darker grey, good mineralization; 2-3% pyrite, some sphalerite and chalcopyrite.						
290.3							
	SAMPLE - 286.4 - 289.0	45	2.6	Tr	.13	nil	Tr

Log By *J. L. Shoye*
for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. <u>S-3</u> Sheet No. <u>4</u>	Co-ordinates Collar	Total Depth
Property <u>.....</u>	Lat. Dep.	Ft. of Core Recovered
Drilled by <u>.....</u>	Elev. Collar	% Recovery
Date Begun	Bearing	Size Bit Used
Date Finished	Angle	Size Core
Contractor's Footage	Working Place	

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% XREK Zn	
290.3 318.4	..... <u>AGGLOMERATE</u> 3/4 quartz carbonate veinlets, fair pyrite and sphalerite, some chalc. As usual, the sulphides occur as distinct, narrow bands and veinlets. The sphalerite is independant (in space) of the pyrite as is the chalcopyrite suggesting that the larger part of the pyrite preceded both the sphalerite and chalcopyrite. The veined occurrence of the sphalerite suggests that it is the latest member.						
	SAMPLE - 229.8 - 302.8	46	3.0'	.005	.09	2.34	Tr
	308.1 - 310.8	47	2.7'	.01	.08	.99	Tr
318.4 323.0	<u>AGGLOMERATE</u> OF <u>ALTERED DIORITE</u> fine grained and fairly massive probable upper contact at 30° to core cleavage at 45° to core - minor pyrite.						
	HOLE END - 323.0'						

Log By *J. A. Shoye*
for E. L. MacVEIGH

DIAMOND DRILL RECORD

399.0'

Hole No. 4 - 1 Shear No. 1 Co-ordinates Collar
 Property Cameron Diamond Drilling Dep.
 Drilled by June 5th, 1956 Elev. Collar
 Date Begun June 8th, 1956 Bearing 45°
 Date Finished 399.0' Angle Claim Tr. 6923
 Contractor's Footage Working Place

Total Depth
 Ft. of Core Recovered
 % Recovery
 Size Bit 4 1/4"
 Size Core

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Ni.
0.0'	<u>CRANK</u>					
5.0'						
5.0'	<u>RYHOLITE</u> flow structure (40° to core)					
27.0'	first 6' vuggy-low fracture cleavage (40° to core) minor pyrite.					
27.0'	<u>INTERMEDIATE LAVA</u> - contact gra-					
54.0'	dational, greyer in color and more massive, "sugary" texture.					
54.0'	<u>RYHOLITE AGGLOMERATE</u> - minor pyrite					
56.7'						
56.7'	<u>DIORITE</u> -contact sharp but irregular.					
106.8'	Texture fine grained-some disseminated pyrite, minor sphalerite and a few flecks of chalcopyrite.					
106.8'	<u>RYHOLITE</u> sharp contact at 45° to					
108.0'	core. This section seems to parallel a contact zone between the diorite and the flow rocks; half the core resembling "chilled" diorite and the remaining rhyolite.					
108.0'	<u>DIORITE</u> -gradational fine to medium					
153.8'	grained-minor disseminated pyrite.					
153.8'	<u>RYHOLITE AGGLOMERATE</u> -probably					
163.1'	brecciated fracture cleavage at 45° to core. Stringers of pyrite best between 163.0' and 163.5'.					
163.1'	<u>INTERMEDIATE LAVA</u> -(altered diorite?)					
193.6'	rock is greyer and more massive than rhyolite but finer grained and more siliceous than usual diorite. Upper contact distinct, lower is gradational. Veinlets of pyrite through section, best from 165.4 to 165.8'.					

Log By
 for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. 4	Sheet No. 2	Co-ordinates Collar	Total Depth 399.0'
Property Belgo-Cathay	Lat. Dep.	Elev. Collar	Ft. of Core Recovered
Drilled by BARON	Bearing	Angle	% Recovery
Date Begun	Working Place		Size Bit Used
Date Finished			Size Core
Contractor's Footage			

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Cu Zn	% Ag
193.6'	<u>DIORITE</u> (in part agglomeritic)						
235.3'	banded and brecciated. 193.6'-225.0'						
	very minor pyrite - 220.0'-235.3'						
	fair pyrite with some chalcopyrite and spialerte.						
	SAMPLE - 225.0' - 230.0'	48	5.0'	.005	.09		.37
235.3'	<u>DIORITE</u> / fine grained						
245.9'							
245.9'	<u>RYOLITE AGGLOMERATE</u> minor pyrite.						
254.2'							
254.2'	<u>DIORITE</u>						
263.3'							
263.3'	<u>RYOLITIC AGGLOMERATE</u> good pyrite						
332.5'	and some chalcopyrite from 303.2' on.						
	minor arsenopyrite.						
	SAMPLE - 303.2' - 305.0'	49	2.8'	.01	.19		.33
	320.0' - 325.0'	50	5.0'	Tr	.07		nil
	325.0' - 330.0'	51	5.0'	Tr	.07		nil
332.5'	<u>DIORITE</u> - not mineralized						
335.0'							
335.0'	<u>CRUSHED ZONE</u> - rock rudly banded						
336.8'	with pyrite.						
	Sample - 335.0' - 336.8'	52	1.8'	.01	.08		tr
336.8'	<u>DIORITE</u> - fine grained disseminated						
399.0'	pyrite. Quartz carbonate veinlets at all angles to core.						
	HOLE END. - 399.0'						

Log By

J. J. Skoye
for E. L. MacVEIGH

A134

DIAMOND DRILL RECORD

Hole No. **S-5** Sheet No. **1** Station **1/63W, Keevil Base**
 Property **Maralgo-Strathy** Line **plus 180' N**
 Drilled by **Cameron** Lat. Dep.
 Date Begun **June 9th, 1956** Elev. Collar
 Date Finished **June 18th, 1956** Bearing **South**
 Contractor's Footage **584.0'** Angle **45**
 Working Place **Claim TRT6923**

Total Depth **584.0'**
 Ft. of Core Recovered
 % Recovery
 Size Bit Used
 Size Core **1 1/4"**

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Cd Zn	% Ag
0.0'	CASING						
0.8'							
0.8'	RHYOLITE grey, massive - minor disseminated pyrite.						
13.2'							
13.2'	AGGLOMERITIC RHYOLITE irregular masses and veinlets of pyrite.						
17.6'							
	SAMPLE 15.0'-17.6'	63	2.6	.005	.06	-	tr
17.6'	RHYOLITE similar to 8.0'-13.2'						
31.2'							
31.2'	AGGLOMERITIC RHYOLITE yellowish, irregular masses and veinlets of pyrite all through section, less between 45 and 65', best where sampled. Some arsenopyrite and minor sphalerite after 137'.						
	SAMPLES: 31.2'-35.0'	64	4.8	tr	.07	-	tr
	36.5'-37.0'	65	0.5	tr	.07	-	tr
	40.8'-42.0'	66	1.2	tr	.06	-	tr
	66.6'-68.6'	67	2.0'	tr	.05	-	tr
	86.6'-87.1'	68	0.5'	tr	.07	-	tr
	139.1'-145.0'	69	5.9'	tr	.06	.05	tr
	179.2-179.8'	76	0.6'	tr	.09	.40	tr
	183.1'-184.7'	70	1.6'	tr	.09	.59	tr
	185.0'-189.3'	71	4.3'	tr	.06	.64	tr
189.3'	RHYOLITE grey and massive						
200.7'							
200.7'	RHYOLITE in part fragmented, good pyrite mineralization with associated sphalerite, minor chalcopyrite.						
247.0'	Arsenopyrite from 228.7' to 229.1'						
	SAMPLES: 221.5'-224.3'	72	2.8'	tr	.08	.40	tr
	225.0'-228.2'	73	3.2'	tr	.14	2.18	tr
	228.2'-229.7'	74	1.5'	tr	.09	.30	tr
	230.0'-235.0'	75	5.0'	.04	.06	tr	tr

Log By *J. S. Royce*
 for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. **S-5** Sheet No. **2** Co-ordinates Collar
 Property **Maralگو-Strathy** Lat. Dep.
 Drilled by Elev. Collar
 Date Begun Bearing
 Date Finished Angle
 Contractor's Footage Working Place

Total Depth **520.0'**
 Ft. of Core Recovered
 % Recovery
 Size Bit Used
 Size Core

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Zn	% Ag
200.7'	(cont) SAMPLES: 235.0'-240.0'	77	5.0'	tr	.07	nil	tr
247.0'							
247.0'	<u>RHYOLITE</u> grey, fairly massive,						
254.7'	contacts gradational, not mineralized.						
254.7'	<u>AGGLOMERITIC RHYOLITE</u> generally						
315.0'	less fragmental than other types and fracture cleavage not as prominent. Less mineralized.						
	SAMPLES: 257.4'-259.6'	80	2.2'	tr	.08	tr	tr
	260.0'-263.8'	81	3.8'	tr	.07	nil	tr
315.0'	<u>RHYOLITE</u> -contacts gradational.						
455.2'	Some pyrite and minor chalcopyrite in thin bands at 40' to core. Graphitic in places.						
	SAMPLES: 331.9'-332.6'	82	0.7'	tr	.05	-	tr
	380.9'-381.5'	83	0.6'	tr	.06	-	tr
	394.8'-395.3'	84	0.5'	tr	.09	-	tr
	420.5'-421.3'	85	0.8'	tr	-	-	tr
	443.8'-444.3'	86	0.5'	tr	.08	-	tr
	450.5'-455.0'	87	4.5'	tr	.05	nil	tr
	455.4'-456.7'	88	1.3'	tr	.04	nil	tr
455.2'	<u>FLOW BRECCIA (RHYOLITIC)</u> some						
462.3'	pyrite.						
462.3'	<u>RHYOLITE</u> -in part agglomeritic -						
473.0'	good pyrite where sampled.						
	SAMPLES: 464.4'-466.0'	89	1.6'	tr	.06	-	tr
	467.0'-468.0'	90	1.0'	tr	.05	-	tr
473.0'	<u>RHYOLITE</u> bright yellow, upper						
495.5'	contact gradational, very minor pyrite.						
495.5'	<u>RHYOLITE</u> grey and banded. Some						
507.7'	zones of good pyrite.						
	SAMPLES: 495.9'-498.2'	91	2.3'	.01	.04	-	tr
	50 500.0'-505.0'	92	5.0'	tr	.06	-	tr
	505.0'-507.7'	93	2.7'	tr	.07	.24	tr

Log By **John Sharpe**
 FOR E. S. M. P. I. G. H.

DIAMOND DRILL RECORD

1134

Hole No. <u>S-5</u>	Sheet No. <u>3</u>	Co-ordinates Collar	Total Depth
Property <u>Maralگو-Strathy</u>	Lat.	Dep.	Ft. of Core Recovered
Drilled by	Elev. Collar	Bearing	% Recovery
Date Begun	Angle	Working Place	Size Bit Used
Date Finished			Size Core
Contractor's Footage			

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Pb Zn	% Ag
507.7'	<u>TRAP DYKE</u> -feldspar phenocrysts and						
509.6'	splotches of a green mineral (epidote?)						
	Sharp contacts at 45° to core and parallel to cleavage.						
509.6'	<u>RHYOLITE</u> -grey and banded, numerous						
512.8'	quartz-orthoclase dikelets at all angles to core.						
	SAMPLE: 510.8'-512.8'	94	2.0'	tr	.07		tr
512.8'	<u>QUARTZ-ORTHOCLASE ZONE</u> - 85% quartz,						
517.1'	10% orthoclase, 5% wall rock.						
	Quartz not mineralized.						
	SAMPLE: 515.0'-217.1'	95	2.1'	tr	.06		tr
517.1'	<u>GRAPHITE SHEAR</u> - heavy pyrite						
518.1'							
518.1'	<u>QUARTZ-ORTHOCLASE ZONE</u>						
519.0'							
519.0'	<u>GRAPHITE SHEAR ZONE</u> -banding at 45°						
536.6'	to core, pyrite occurs as regular bands. Some quartz orthoclase veinlets.						
	SAMPLES: 520.0'-525.0'	96	5.0'	tr	.07		tr
	525.0'-530.0'	98	5.0'	tr	.12		.10
536.6	<u>QUARTZITIC VEIN</u> -not mineralized						
538.0'							
538.0'	<u>RHYOLITE</u> -grey and massive						
545.0'							
545.0'	<u>GRAPHITIC ZONE</u>						
545.3'	SAMPLE: 544.8'-545.2'	99	0.4'	tr	-		-
545.3'	<u>RHYOLITE</u> -graphitic, minor pyrite						
546.3'							
546.3'	<u>GRAPHITE SHEAR ZONE</u> -good pyrite,						
547.8'	minor chalcopyrite.						
	SAMPLE: 546.5'-547.8'	100	1.3'	tr	.07		tr
547.8'	<u>RHYOLITE</u> -in part agglomeritic and						
557.0'	graphitic. Good pyrite where						

Log By **John Sharpe**
for E. L. MacVEIGH

DIAMOND DRILL RECORD

A 138

Hole No. **S-6** Sheet No. **1**
 Property **Maralگو-Strathy**
 Drilled by **Cameron**
 Date Begun **June 14th, 1956**
 Date Finished **June 21, 1956**
 Contractor's Footage

Station 2 plus 10 (Keevil B.L.)

Co-ordinates Collar **273' North**
 Lat. Dep.
 Elev. Collar
 Bearing **South**
 Angle **60°**
 Working Place **Claim 6923**

Total Depth **575.7'**
 Ft. of Core Recovered
 % Recovery
 Size Bit Used **A**
 Size Core **1 1/2"**

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Zn	% Ag
0.0' 7.0'	<u>CASING</u>						
7.0' 179.0'	<u>RHYOLITE</u> grey to yellowish, not mineralized, three 3% carbonate-quartz veinlets.						
179.0' 339.3'	<u>RHYOLITE</u> -generally more yellowish and banded, flow breccia or agglomeratic in places. Some stringers of pyrite at 30° to core and minor chalcopyrite usually associated with the more silicified areas. Mineralization best where sampled.						
	SAMPLES: 227.7'-228.4'	109	0.7'	tr	.32	-	2.70
	276.3'-276.9'	110	0.6'	tr	.15	-	1.36
339.3' 364.6'	<u>DIORITE</u>						
364.6' 373.0'	<u>AGGLOMERATIC RHYOLITE</u> -minor pyrite as stringers.						
	SAMPLE: 366.9'-370.0'	111	3.1'	tr	.05	-	1.40
373.0' 493.5'	<u>RHYOLITE</u> -in part fragmental, minor pyrite, two 3% quartz-carbonate veinlets.						
493.5' 494.5'	<u>PYRITE VEIN</u> -more or less massive pyrite and some arsenopyrite, chalcopyrite and sphalerite.						
	SAMPLE: 493.5'-494.5'	112	1.0'	tr	.15	5.56	.56
494.5' 510.0'	<u>RHYOLITE</u> -agglomeratic in part. Some pyrite.						
	SAMPLE: 505.0'-507.8'	113	2.8	nil	.06	.45	.10
510.0' 520.7'	<u>VEIN ZONE</u> -sheared and brecciated rhyolite. Good pyrite and some						

Log By **John Sharpe**
 for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. S-6 Sheet No. 2 Co-ordinates Collar
 Property Maralgo-Strathy Lat. _____ Dep. _____
 Drilled by Cameron Elev. Collar _____
 Date Begun _____ Bearing _____
 Date Finished _____ Angle _____
 Contractor's Footage _____ Working Place _____

Total Depth 575.7'
 Ft. of Core Recovered _____
 % Recovery _____
 Size Bit Used _____
 Size Core _____

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Cu Zn	% Ag
510.0'	(cont) chalcopyrite and sphalerite.						
520.7'	Minor arsenopyrite.						
	SAMPLES: 510.0'-512.5'	114	2.5'	nil	.05	.45	.10
	512.5'-515.0'	115	2.5'	nil	.10	nil	.20
	515.0'-520.7'	116	5.7'	.01	.10	nil	.18
520.7'	<u>PERIDOTITE DYKE</u> -fine grained blackish-						
524.4'	green rock with circular splotches of carbonate 1/16" to 1/8" wide, highly magnetic. Apparently later than mineralization.						
524.4'	<u>VEIN ZONE</u> -similar to that preceeding						
552.5'	dyke but possibly better mineralized.						
	SAMPLES: 524.7'-530.0'	117	6.7'	.01	.06	tr	tr
	530.0'-535.0'	118	5.0'	tr	.09	tr	tr
		118	(%Co-.007)				
	535.0'-540.0'	119	5.0'	tr	.07	nil	tr
	540.0'-545.0'	120	5.0'	tr	.27	nil	tr
	545.0'-550.0'	121	5.0'	tr	.07	.30	tr
	550.0'-552.0'	122	2.0'	tr	.29	.61	tr
552.5'	<u>RHYOLITE</u> -showing disseminated						
575.7'	pyrite.						
	HOLE END - 575.7'						

DIAMOND DRILL RECORD

Hole No. 777 Sheet No. 1
 Property Aral, O-Strathy
 Drilled by Cameron
 Date Begun June 22nd, 1956
 Date Finished June 24th, 1956
 Contractor's Footage 344.4'

100' N. Sta. 3/00
 (Keevil B.L.)
 Co-ordinates
 Lat. Dep.
 Elev. Collar
 Bearing 45° South
 Angle 45°
 Working Place Claim TIT. 6923

Total Depth 344.4'
 Ft. of Core Recovered
 % Recovery
 Size Bit Used A
 Size Core 1 1/2"

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% NiX Zn	% Ag
0.0'	CASING						
11.0'							
11.0'	DIYOLITE-grey, two-3/4 quartz-						
201.0'	carbonate veinlets. Fracture cleavage at 45-30° to core. Some zones of good pyrite mineralization with minor arsenopyrite, chalcopyrite and sphalerite. Sampled where best.						
	SAMPLES: 12.6'- 14.0'	123	1.4'	.005	.06	nil	.17
	25.8'- 26.8'	124	1.0'	.005	.06	.07	.31
	81.2'- 83.5'	125	2.3'	nil	.03	nil	.04
	90.5'- 91.7'	126	1.2'	nil	.02	1.40	.15
	110.5'- 113.9'	127	3.4'	nil	.02	tr	.05
	147.3'- 150.5'	128	3.2'	nil	.04	.70	.07
	151.7'- 155.0'	129	3.3'	nil	.02	.48	.09
	157.0'- 160.2'	130	3.2'	nil	.03	.76	.10
	173.5'- 175.0'	131	1.5'	nil	.04	tr	.08
	189.7'- 192.9'	132	3.2'	.005	.03		.09
	In general there is a gradual increase of mineralization with depth.						
201.0'	PERIDOTITE DYKE						
206.1							
206.1'	DIYOLITE-grey, little mineralization						
216.2'	(relatively) some chalcopyrite and sphalerite.						
	SAMPLES: 210.0'- 210.8'	133	0.8'	.005	.16	.26	.10
	210.8'- 215.0'	134	4.2'	nil	.02	.26	.04
	215.0'- 216.2'	135	1.2'	.005	.11	.28	.15
216.2'	VEIN ZONE-rock appears to be an						
245.8'	extremely altered, sheared, crushed, volcanic agglomerate. Banding and foliation at 45° to core. Mineralization, excellent pyrite all through section. Massive arsenopyrite, chalcopyrite and minor sphalerite occur in zones 3" to 8" long. Pyrite						

Log By John Sharpe
 for E. L. MacVEIGH

A152

DIAMOND DRILL RECORD

Hole No. 2-7	Sheet No. 2	Co-ordinates Collar	Total Depth 344.4'
Property Koralgo-Strathy	Lat.	Dep.	Ft. of Core Recovered
Drilled by	Elev. Collar	Bearing	% Recovery
Date Begun	Angle	Working Place	Size Bit Used
Date Finished	Contractor's Footage		Size Core

Depth Feet	Formation	Sample No.	Width	Oza. Au.	% Cu.	% Ag	% Ag	
215.2'	(cont) appears to be the earliest member. There is no apparent quantitative relation between the pyrite, arsenopyrite and sphalerite although the chalcopyrite and sphalerite are usually associated.							
245.3'								
		SAMPLES: 215.0'-220.0'	136	5.0'	.005	.13	nil	.76
		220.0'-221.6'	137	1.6'	.005	.04	nil	.17
		221.6'-223.1'	138	1.5'	.03	.14	.05	1.33
		223.1'-225.0'	139	1.9'	.005	.11	.28	.32
		225.0'-230.0'	140	5.0'	.005	.16	.22	1.30
		230.0'-235.0'	141	5.0'	.02	.64	.10	5.56
		235.0'-240.0'	142	5.0'	.01	.33	.12	2.75
		240.0'-245.0'	143	5.0'	nil	.70	tr	2.57
245.8'	NIYOLITE-grey and generally massive.							
281.0'	Some pyrite and a few flecks of chalcopyrite and veinlets of sphalerite. Sampled where best.							
	SAMPLES: 255.0'-256.9'	144	1.9'	.005	.04	.20	.12	
	252.3'-252.9'	145	0.6'	nil			.79	
	272.4'-273.4'	146	1.0'	nil	.02		.16	
	276.0'-277.5'	147	1.5'	nil	.04		.02	
281.0'	NIYOLITIC AGGLOMERATE-banded and generally yellower, fine disseminated pyrite and some veinlets of sphalerite. Sample No. 148 is representative.							
303.0'		SAMPLES: 285.0'-289.5'	148	4.5'	nil	.02	.03	.03
		300.0'-305.0'	149	5.0'	.005	.02		.04
303.0'	NIYOLITE-in part agglomeratic.							
318.8'	Contact gradational. Four 6p pyrite and some chalcopyrite and sphalerite.							
	SAMPLE: 306.0'-308.9'	150	2.9'	.02	.02		.11	
318.8'	NIYOLITIC AGGLOMERATE-yellow, banded. Quartz-carbonate veinlets 3% as usual for all the hole.							
344.4'								

HOLE END - 344.4'

DIP TEST - 340.0' - 39°

Log By John Sharpe
for E. L. MacVEIGH

DIAMOND DRILL RECORD

216

Hole No. <u>S-8</u>	Sheet No. <u>1</u>	Co-ordinates <u>100' N Bl. 4700 NBL</u>	Total Depth <u>430.0'</u>
Property <u>U.S. G. S. Property</u>	Lat. <u> </u>	Dep. <u> </u>	Ft. of Core Recovered <u> </u>
Drilled by <u>Cameron</u>	Elev. Collar <u> </u>	Bearing <u>South</u>	% Recovery <u> </u>
Date Begun <u>June 26th, 1956</u>	Angle <u>45°</u>	Working Place <u>Claim 6923</u>	Size Bit Used <u>A</u>
Date Finished <u>June 28th, 1956</u>			Size Core <u>1 1/4"</u>
Contractor's Footage <u>430.0'</u>			

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Ag Zn	% Ag
0.0'	<u>CASING</u>						
4.0'							
4.0'	<u>RYOLITE</u> -grey, disseminated pyrite.						
22.1'							
22.1'	<u>DIORITE</u> -fine, grained, contacts sharp.						
25.9'							
25.9'	<u>RYOLITE</u> -grey						
33.0'							
33.0'	<u>DIORITE</u> -may be fine grained flow rock.						
35.6'							
35.6'	<u>RYOLITE</u> -grey						
37.4'							
37.4'	<u>DIORITE</u>						
40.2'							
40.2'	<u>RYOLITE</u> -banded and agglomeratic in part. Good bands of pyrite and some arsenopyrite.						
76.0'	SAMPLE: 74.8'- 75.5'	152	0.7'	0.02	0.06		0.04
76.0'	<u>RYOLITE</u> -grey						
97.9'	SAMPLE: 88.4'- 89.6'	153	1.2'	0.005	0.04	1.04	0.45
97.9'	<u>PERIDOTITE DYKE</u> -Similar to Hole S-7.						
103.0'							
103.0'	<u>RYOLITE</u> -grey						
107.2'							
107.2'	<u>DIORITE</u> -fine grained, massive with sharp contacts at 40' to core.						
123.5'							
123.5'	<u>RYOLITE</u> -grey, some pyrite.						
186.3'							
186.3'	<u>DIORITE</u> -contact sharp. Medium grained rock. Intrusive but more siliceous than "diorite".						
191.4'							
191.4'	<u>RYOLITE</u> -grey and massive, fair pyrite where sampled.						
261.8'	SAMPLE: 91.7'- 92.8'	154	1.1'	0.005	0.04	-	0.07

Log By John Sharp
for E. L. MacVEIGH

DIAMOND DRILL RECORD

4121

Hole No. S-8 Sheet No. 2 Co-ordinates Collar
 Property 10-31-1911 Lat. Dep.
 Drilled by Elev. Collar
 Date Begun Bearing
 Date Finished Angle
 Contractor's Footage Working Place

Total Depth 430.0'
 Ft. of Core Recovered
 % Recovery
 Size Bit Used
 Size Core

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Cu Zn	% Ag
261.8'	<u>AGGLOMERATIC NYOLITE</u> -probably brecciated and sheared at 42° to core. Fair pyrite.						
268.3'	SAMPLES: 261.8'-264.5'	155	2.7'	0.005	0.02	-	0.08
268.3'	<u>NYOLITE</u> -grey and massive. Minor pyrite.						
303.4'	<u>NYOLITIC AGGLOMERATE</u> -good pyrite, some chalcopryite, arsenopyrite and minor sphalerite.						
308.9'	SAMPLES: 303.4'-308.9'	156	5.5'	0.005	0.09	nil	0.20
308.9'	<u>NYOLITE</u> -grey and massive except for low shear. May be an altered, fine grained dyke. Minor veinlets of pyrite.						
330.8'	<u>VEIN ZONE</u> -Upper contact distinct but lower gradational. Rock appears to be an altered, silicified, and sheared and brecciated volcanic agglomerate. Mineralization-pyrite as massive knobs and stringers at 45° to core. Arsenopyrite good but less than in Hole S-7. Good chalcopryite. Sphalerite is very good, occurring in fractures running in all directions giving a "laced" appearance. Section 335'-340' may run 6% sphalerite.						
330.8'	SAMPLES: 330.8'-335.0'	157	4.2'	0.01	0.11	0.10	0.57
	335.0'-340.0'	158	5.0'	0.01	0.06	5.10	0.42
	340.0'-345.0'	159	5.0'	0.02	0.38	2.04	2.38
	345.0'-350.0'	160	5.0'	0.005	0.08	nil	0.22
	350.0'-352.3'	161	2.3'	0.005	0.14	0.05	0.83
	352.3'-354.0'	162	1.7'	0.02	0.12	0.26	0.52
	354.0'-355.0'	163	1.0'	nil	0.04	nil	0.19
	355.0'-360.0'	164	5.0'	0.005	0.11	0.43	0.69
	360.0'-365.0'	165	5.0'	nil	0.02	0.16	0.10

Log By John Sharpe
 for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. <u>10-8</u>	Sheet No. <u>3</u>	Co-ordinates Collar	Total Depth <u>430.0'</u>
Property <u>W. L. O. Strathy</u>	Lat.	Dep.	Ft. of Core Recovered
Drilled by	Elev. Collar	Bearing	% Recovery
Date Begun	Angle	Working Place	Size Bit Used
Date Finished	Contractor's Footage		Size Core

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Cu Zn	% Ag
361.0'	<u>DIYOLITE</u> -in part agglomeratic.						
380.8'	Sheared with fair disseminated pyrite and minor chalcoppyrite.						
	SAMPLES: 365.0'-370.0'	166	5.0'	0.005	0.02	-	0.04
	375.0'-380.8'	167	5.8'	nil	0.02	0.24	0.07
380.8'	<u>DIYOLITE</u> -grey but with some						
430.0'	agglomeratic bands (flow breccia?). Sheared but only minor pyrite.						
	Some graphitic zones 2" wide with pyrite.						
	HOLE END - 430.0'						
	DIP TEST - 390.0' - 50°						
				% Co			
	SAMPLES: 330.8'-335.0'	157	4.2	None			
	345.0'-350.0'	160	5.0'	None			

Log By J. A. Shays
for E. L. MacVEIGH

DIAMOND DRILL RECORD

A 163

Hole No. **9** Sheet No. **1**
 Property **Maralgo-Strathy**
 Drilled by **Cameron**
 Date Begun **July 2, 1956**
 Date Finished **July 4, 1956**
 Contractor's Footage **308**

65' N of Sta. 3700 KBL

Co-ordinates Collar
 Lat. Dep.
 Elev. Collar
 Bearing **South**
 Angle **45°**
 Working Place **Claim 6923**

Total Depth **308**
 Ft. of Core Recovered
 % Recovery
 Size Bit Used **A**
 Size Core **1 1/4"**

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Cu Zn	Ozs. Ag
0.0'	<u>CASING</u>						
5.0'							
5.0'	<u>RHYOLITE</u> -grey, massive, some						
121.5'	agglomeratic or flow structure. Minor pyrite veinlets, 3% quartz-carbonate veinlets.						
121.5'	<u>AGGLOMERATIC RHYOLITE</u>						
124.5'							
124.5'	<u>RHYOLITE</u> -grey, generally massive.						
196.0'	Some fair pyrite and graphitic.						
	SAMPLE: 146.8'-148.1'	4901	1.3	nil	0.08	-	0.07
196.0'	<u>AGGLOMERATIC RHYOLITE</u> -yellowish in						
215.8'	colour, small dark fragments.						
215.8'	<u>PYRITE ZONE</u> -good pyrite						
220.2'	SAMPLE: 215.9'-220.2'	4902	4.4	nil	0.12	0.18	0.97
220.2'	<u>RHYOLITE</u> -grey and very fine grained.						
224.2'	No mineralization. May be an altered dyke.						
224.2'	<u>VEIN ZONE</u> -from 224.2-242.3 the rock						
259.4'	is a sheared and brecciated rhyolite, with good veinlets of pyrite particularly near the end. Minor amounts of sphalerite and chalcopryrite are present. From 242.3-267.0 the rock is extremely graphitic and sheared. The mineralization is only pyrite and this dies out around 259'.						
	SAMPLES: 242.3'-230.0'	4903	5.8	nil	0.08	0.18	0.35
	230.0'-235.0'	4904	5.0	nil	0.03	tr	0.36
	235.0'-240.0'	4905	5.0	0.02	0.10	0.30	1.10
	240.0'-242.3'	4906	2.3	0.085	0.08	2.93	0.69
	242.3'-245.0'	4907	2.7	0.005	0.07	0.66	0.25
	245.0'-250.0'	4908	5.0	nil	0.01	0.04	0.08
	250.0'-255.0'	4909	5.0'	0.005	0.02	0.02	0.08

Log By **John Sharpe**
 for E. L. MacVEIGH

A 16'

DIAMOND DRILL RECORD

Hole No. 9 Sheet No. 2 Co-ordinates Collar
 Property Maralgo-Strathy Lat. Dep.
 Drilled by Cameron Elev. Collar
 Date Begun Bearing
 Date Finished Angle
 Contractor's Footage Working Place

Total Depth 308.0'
 Ft. of Core Recovered
 % Recovery
 Size Bit Used
 Size Core

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Pb Zn	Ozs Ag
224.2'	(CONT) SAMPLE: 255.0'-259.4'	4910	4.4	0.005	0.01	0.02	0.09
259.4'							
259.4'	<u>DIORITE</u>						
260.6'							
260.6'	<u>GRAPHITE ZONE</u> -minor pyrite						
267.0'	SAMPLE: 265.5'-268.0'	4911	2.5	nil	0.04	0.16	0.06
267.0'	<u>RHYOLITE</u> -grey, some veinlets of						
308.0'	pyrite and very minor chalcopyrite.						
	Graphitic and agglomeratic in places.						
	HOLE END - 308.0'						
	DIP TEST - @ 290.0' - 39°						

Log By John Sharpe
for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. 243.0'
 Property Sheet No.
 Drilled by Co-ordinates Collar
 Date Begun Lat. Dep.
 Date Finished Elev. Collar
 Contractor's Footage Bearing South
Angle 60°
Working Place CLIFTON APT. 0923

Total Depth 243.0'
 Ft. of Core Recovered
 % Recovery
 Size Bit Used
 Size Core 1.4"

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Ni.	
0.0'	.....					
9.0'	.....					
9.0'	andilitic—generally grey and massive some agglomeratic zones. Low shear and fairly good pyrite and sphalerite where sampled.						
195.5'							
		Dyke 1150: 20.9'-30.0'	4935	3.1'			
		21.2'-35.0'	4936	3.8'			
		35.0'-40.0'	4937	5.0'			
		70.0'-75.0'	4938	5.0'			
		118.9'-121.6'	4939	2.7'			
		123.6'-125.4'	4940	1.8'			
	180.4'-182.4'	4941	2.0'				
195.5'	.....					
199.4'	.....					
199.4'	andilitic—grey and massive						
222.0'	.....					
222.0'	.....					
254.8'	Brecciated volcanic rock is a sheared and pyrite and arsenopyrite occur through the section. Disseminated chalcopyrite and veinlets of sphalerite are present. The mineral- ized zone appears to be cut by a very fine grained dyke rock exhibiting distinct contact, finer mineral- ization, coarseness and a coarser grain than the volcanics generally. However this rock may be a phase of the grey rhyolite which it re- sembles. (Dyke: 254.8'-272.3')						
254.8'	DYK. ??						
272.3'	.....					
272.3'	.....					
300.1'	.....					

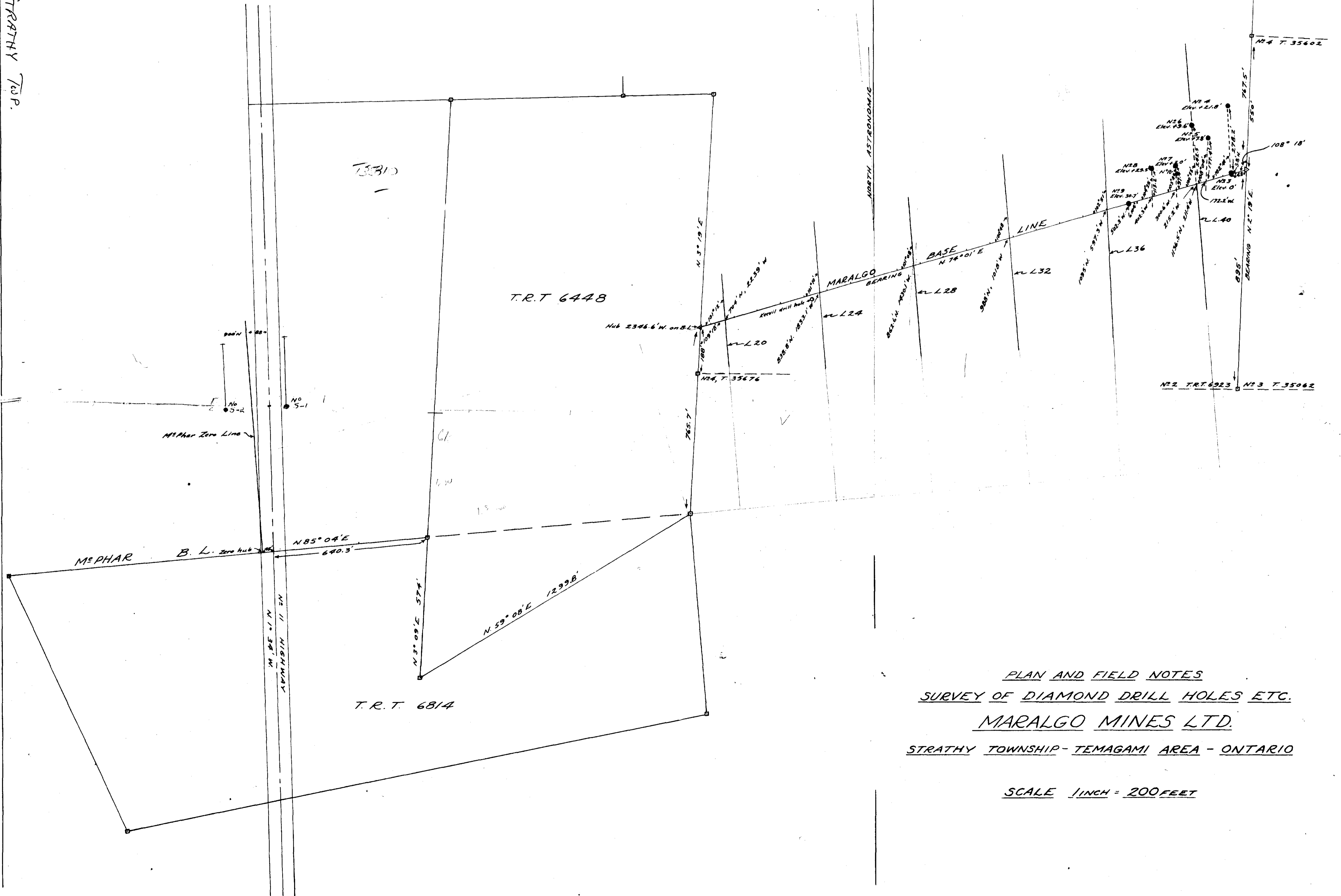
Log By John Sharpe
 for E. L. MacVEIGH

DIAMOND DRILL RECORD

Hole No. <u>10</u>	Sheet No.	Co-ordinates Collar	Total Depth <u>313.0'</u>
Property	Drilled by	Lat. Dep.	Ft. of Core Recovered
Date Begun	Date Finished	Elev. Collar	% Recovery
Contractor's Footage		Bearing	Size Bit Used
		Angle	Size Core
		Working Place	

Depth Feet	Formation	Sample No.	Width	Ozs. Au.	% Cu.	% Ni.	
272.3'	(cont)						
300.1'	<u>CONCRETE</u> : 222.0'-225.0'	4942	5.0'				
	225.0'-230.0'	4943	5.0'				
	230.0'-235.0'	4944	5.0'				
	235.0'-240.0'	4945	5.0'				
	240.0'-245.0'	4846	5.0'				
	245.0'-250.0'	4947	5.0'				
	250.0'-254.8'	4948	4.8'				
	272.3'-275.0'	4949	2.7'				
	275.0'-280.0'	4950	5.0'				
	280.0'-285.0'	4951	5.0'				
	285.0'-290.0'	4952	5.0'				
	290.0'-295.0'	4953	5.0'				
	295.0'-300.0'	4954	5.0'				
300.1'	<u>LIYOLITE</u> - grey and fairly massive						
313.0'							
	<u>CONCRETE</u> - 313.0'						
	<u>Baptist</u>						
	<u>LIYOLITE</u> - 280.0' - 313.0'						

Log By **John Sharpe**
for E. L. MacVEIGH



PLAN AND FIELD NOTES
 SURVEY OF DIAMOND DRILL HOLES ETC.
 MARALGO MINES LTD.
 STRATHY TOWNSHIP - TEMAGAMI AREA - ONTARIO
 SCALE 1 INCH = 200 FEET



A. Hammerstrom June 30/56



PLAN SHOWING
LOCATION OF DRILL HOLES
STRATHY OPTIONS
SCALE 1 INCH = 100 FEET



MINING GEOPHYSICS
CORPORATION, LIMITED
11, JORDAN ST.
TORONTO, ONT.

DATE	4.9/83
BY	W.B.
TO	STRATHY
PROJECT	2
BY	W.B.

