



42A10NW0015 10 CALVERT

010

Diamond Drilling

Township OF CALVERT

Report NO: 10

Work performed by: METAL MINES LIMITED

Claim NO	Hole NO	Footage	Date	Note
L 81842	65-1	386'	June/65	
	65-3	832'	June/65	
L 81843	65-2	379'	June/65	

Notes:

DIAMOND DRILL RECORD

TESTS

Ft.	Dip.	Ast. Bearing	Ft.	Dip.	Ast. Bearing	Core	
						Ft. Received	p.c. Recovery

Continental Diamond
Drilling Co., Rouyn, Que. J.R. Bridger

DRILLED BY.....

PROPERTY: METAL MINES LIMITED
 LOCATION: LAT. CALVERT TOWNSHIP, ONTARIO.
 DEP. LINE 44 +00 SOUTH
 ELEVATION OF COLLAR 26 + 00 WEST
 DATUM.....
 DIRECTION AT START CLAY 81842
 BEARING 40° W
 LOGGED BY 60° (COLLAR) HOR. COMP.....
 PURPOSE OF HOLE..... VER. COMP.....

HOLE NUMBER 65-1
 SHEET NO. 1
 SECTION FROM 0 TO 386'
 STARTED June 5, 1965
 COMPLETED June 9, 1965
 ULTIMATE DEPTH 386'
 PROPOSED DEPTH 425' (1 1/2")

HONEY PRINTING SERVICE, TORONTO—4604

Distance		ROCK	DESCRIPTION	Sample No.	Length Ft.	ANALYSIS						
From	To					As.	Ag.	Pb.	Zn.	Cu.	Ave.	
0'	10'	OVERBURDEN	SAND									
10'	147'	OVERBURDEN	CLAY									
147.0'	267.0'	BASALT	GREY, BLACK, MASSIVE, AMYGDALOIDAL, FINE, VERY SPARSE SCATTERED PYRROPHITE									
267.0'	346.0'	BASALT	AS BEFORE, FEWER AMYGDULES									
346.0'	349.0'	DYKE	ACID, BLEACHED REDDISH, VERY FINE-GRAINED A FEW PHENOCRYSTS									
349.0'	351.0'	BASALT	AS BEFORE									
351.0'	365.0'	GRANITE	DYKE, PORPHYRITIC, GREY COLOUR. CORE ANGLE 10° - 30°.									
365.0'	367.0'	BASALT	AS BEFORE									
367.0'	377.0'	GRANITE	DYKE, GREY PORPHYRITIC, C/A 30° ENTER - 35° EXIT									
377.0'	386.0'	BASALT	MASSIVE, AS BEFORE, A VERY FEW AMYGDULES									
	386.0'		<u>END OF HOLE</u>									

John R. Bridger

L81828 - NW 1/4, N 1/2, Lot 8, Con. VI

Calvert Twp.

DIAMOND DRILL RECORD

PROPERTY..... **METAL MINES LIMITED**
LOCATION:..... **Line 44 + 00 South**
 LAT..... **18 + 00 West**
 DEP..... **C**
ELEVATION OF COLLAR..... **Claim 81843 & 81842**
DATUM..... **N 40° E**
 BEARING..... **50° (Collar)**
DIRECTION AT START:..... **J.R. Bridger**
 LOGGED BY..... **J.R. Bridger** HOR. COMP.....
 PURPOSE OF HOLE..... VER. COMP.....

TESTS

Ft.	Dip.	Ast. Bearing	Ft.	Dip.	Ast. Bearing	Core	
						Ft. Received	p.c. Recovery
300	46°						
600	45°						

HOLE NUMBER..... **65-3**
SHEET NO...... **1**
SECTION FROM..... **0** TO.....
STARTED..... **June 15, 1965**
COMPLETED..... **June 24, 1965**
ULTIMATE DEPTH..... **832'**
PROPOSED DEPTH..... **AXT (1 1/2")**
Core Size.....

Continental Diamond
Drilling, Rouyn, Quebec.

DRILLED BY..... **SAMPLES**.....

HONEY PRINTING SERVICE, TORONTO—4604

Distance		ROCK	DESCRIPTION	Sample No.	Sample Length From	ANALYSIS					
From	To					To	Length	Ni	Cu	Au	Ave.
0	10	Sand									
10	129.0'	Clay									
129.0'	173.5'	Basalt	Fine-grained, massive, pillowed. Sparse, scattered pyrrhotite specs of chalcopyrite. 158.0' - 0.7' Quartz-feldspar epidote vein 165.0' - 0.5' Quartz-feldspar epidote stringer								
173.5'	175.0'	Dyke	Lamprophyre								
175.0'	196.0'	Basalt	Pillowed, a few irregular quartz-epidote-feldspar stringers 187.0 - 0.3' ... 5% Pyrrhotite Spec. Chalcopyrite								
196.0	198.0	Dyke	Acid, red altered, siliceous								
	198.0	Graphite	2" Graphitic Material								
198.0	201.0	Dyke	Acid, siliceous, well-mineralized pyrrhotite. Pyrite, specs chalcopyrite - 10-15% Sulphides	705	198.0'	201.0'	3.0'	0.30	0.10	Tr	

John R. Bridger
 P. Eng

Distance		ROCK	DESCRIPTION	Sample No.	Length Ft.	ANALYSIS						
From	To					As.	Ag.	Pb.	Zn.	Cu.	Ave.	
201.0'	206.0'	Dyke	Acid, pink-grey, siliceous very sparse sulphides									
206.0'	258.0'	Basalt	Coarser grained, gabbroic amygdaloidal bands, quartz-epidote stringers									
258.0'	276.0'	Basalt	Very coarse-grained, possibly porphyritic gabbro (or amygdales)									
276.0'	277.7'	Granite	Grey colour, dyke - core angle 35°									
277.7'	289.9'	Basalt	Gabbroic, as before, (porphyritic) quartz epidote stringers.									
289.9'	295.3'	Granite	Dyke, Grey colour, Core angle 35°									
295.3	306.5	Basalt	Fine-grained, pillowed 298.0' - 3" Granite dyke 299.8' - 4" Granite dyke 302.0' - 8" Granite dyke 305.2 - 10" Granite dyke									
306.5'	306.9'	Acid Dyke	Fine-grained, porphyritic									
306.9'	311.0'	Basalt	Fine-grained, epidote str. 307.0' - 3" Granite Dykelet									
311.0'	312.0'	Acid Dyke	Fine-grained									
312.0'	315.3'	Granite	Grey-colour, as before									
315.3'	317.3'	Basalt	Fine-grained, as before									
317.3'	328.0'	Granite	Dyke, grey-pink colour - medium-grained									

John R. Bridger P. Eng.

Distance		ROCK	DESCRIPTION	Sample No.	Length Ft.	ANALYSIS							
From	To					As.	Ag.	Pb.	Zn.	Cu.	Ni	Ave.	
328.0'	405.0'	Basalt	Fine, even-grained, a few irregular quartz-feldspar epidote stringers. Some evidence of pillow structure.										
405.0'	407.5'	Granite	Dyke - grey colour as before										
407.5'	411.0'	Basalt	As before										
411.0'	412.5'	Granite	Dyke, grey colour										
412.5'	418.5'	Basalt	As before - core angle 30°										
418.5'	429.5'	Granite	Dyke, grey colour - core angle 15°										
429.5'	440.0'	Basalt	Fine-grained, epidote str.										
440.0'	455.0'	Granite	Pink and grey colour Core angle enter ... 60° Core angle exit ... 40°										
455.0'	465.0'	Basalt	Fine-grained, irregular quartz - epidote feldspar stringers ... core angle 40°-50°										
465.0'	466.6'	Basalt	Altered, chloritized 5%-10% sulphides. Mostly pyrite, some pyrrhotite	705	1.6'	Tr				0.06	Tr		
466.6'	468.0'	Basalt	Grey, fine-grained, very little sulphides										
468.0'	469.0'	Basalt	Fine-grained, streaks of pyrite (5%-10%) Core angle 45°-50°										
469.0'	477.0'	Basalt	Black, fine-grained, massive - no sulphides										
477.0'	479.0'	Granite	Dyke, grey colour										
479.0'	534.0'	Basalt	Fine-grained, porphyritic (or amygdaloidal)										
534.0'	537.0'	Basalt	Fine-grained - grey altered. Irregular quartz-epidote stringers										
537.0'	538.0'	Granite	Dyke - pink and grey colour										

John R. Budge
Per

Distance		ROCK	DESCRIPTION	Sample No.	Length Ft.	ANALYSIS						
From	To					Au.	Ag.	Pb.	Zn.	Cu.	Ava.	
538.0	625.5	Basalt	Fine-grained, porphyritic. A few narrow coarse-grained (gabbroic) bands. A few epidote-quartz-feldspar stringers - 607.0' - 0.6' Stringer - Quartz - Feldspar, Calcite epidote - no sulphides									
625.5	637.5	Granite	Grey and pink colour porphyritic phases - Core angle 60°									
637.5'	804.0'	Basalt	Fine-grained, quartz-epidote calcite - feldspar stringers - core angle 50° - 55° 653.0' - 2" Quartz stringer with cubic pyrite 659.5' - 3" Pegmatite with one 1/4" crystal chalcopyrite 672.0' - Irregular granite stringer running along core. 677.0' - Becoming more porphyritic 711.0' - 10" pink granite dikelet core angle = 45° 749.0' - 1" Granite stringer 762.0' - 2" Granite stringer 797.0' - 3/4" granite stringer									
804.0'	808.5'	Granite	Dyke, pink									
808.5'	817.0'	Basalt	Coarser-grained, porphyritic									
817.0'	832.0'	Basalt	Finer-grained, porphyritic 823.0' - Narrow granite stringer along core. 830.0' - 2" Granite stringer - core angle 45° 831.5' - 2" Quartz-feldspar stringer									
	832.0'		END OF HOLE									

John L. Bridger Eng

DIAMOND DRILL RECORD

PROPERTY METAL MINES LIMITED
LOCATION Calvert Township, Ontario
LATITUDE LINE 44 + 000 South
DEPARTURE 20 + 00 WEST
ELEV. OF COLLAR
DATUM CLAIM 81843
BEARING N 40° / E
DIP 50° (Collar)

TESTS

Ft.	Dip	Bear.	Ft.	Dip	Bear.
200'	45°				

HOLE NUMBER 65 2
SHEET No. 1
SECTION FROM 0 **TO** 262'
STARTED JUNE 10th, 1965
COMPLETED JUNE 14th, 1965
DEPTH 379'
CORE SIZE AXT (1 1/4")

DRILLED BY **Continental Diamond Drilling** LOGGED BY **J.R. Bridger**

HONEY PRINTING SERVICE, TORONTO—1537-1

FOOTAGE		ROCK	DESCRIPTION	SAMPLES				ANALYSIS			
From	To			No.	From	To	Length				
0	8'	Overburden	Sand								
8'	66.0'	Overburden	Clay								
66.0'	99.0'	Basalt	Fine, even grained, grey black numerous, thin unregular quartz stringers.								
99.0'	102.0'	Basalt	Several narrow, red, acid dikelets, and quartz epidote stringers								
102.0'	145.0'	Basalt	As before, fewer quartz stringers								
145.0'	162.3'	Granite	Dyke, porphyritic, grey A few pink feldspar phenocrysts contact angle 55°								
162.3'	260.0'	Basalt	As before, grey black, fine even grained. Very few quartz stringers								
260.0'	262.0'	Dyke	Acid, red colour, scattered pyrite, 2" granite dyke at 262.0'								

John R Bridger
 P. Eng

FOOTAGE		ROCK	DESCRIPTION	SAMPLES				ANALYSIS					
From	To			No.	From	To	Length						
262.0'	273.0'	Basalt	Grey black, even grained amygdaloidal										
273.0'	274.0'	Fault?	Lost core, cave, Hole cemented										
274.0'	306.0'	Basalt	Amygdaloidal, as before										
306.0'	319.0'	Basalt grained	Coarser grained, gabbroic.										
319.0'	324.0'	Dyke	Acid, red, porphyritic. contact Angle 25°										
324.0'	354.0'	Basalt	Coarse grained, gabbroic, amygdaloidal										
354.0'	361.0'	Granite	Dyke, Porphyritic, grey colour, even grained.										
361.0'	379.0'	Basalt	Massive, coarsed grained gabbroic. A few amygdaloidal spots.										
	379.0'		END OF HOLE										

John R. Bridges
P. Eng

BROWN & COLLETT LIMITED 76243

LOT 9

LOT 8

LOT 7

LOT 6

CONCESSION I

AURORA TWSP.

CALVERT
TWSP.

L. 81827

L. 81828

L. 81829

L. 81830

L. 81831

L. 81832

D.D.H. N° 5

LINE 00

LINE 4+00S

BASELINE

(POWER LINE)

D.D.H. N° 4

L. 81838

L. 81837

L. 81836

L. 81835

L. 81834

L. 81833

CONCESSION VI

NORTH
(ASTRO.)

L. 81839

L. 81840

L. 81841

D.D.H. N° 1

D.D.H. N° 3

D.D.H. N° 2

L. 81843

L. 81842

L. 81844

LINE 42+90S

LINE 44+00S

D.D.H. N° 65-1 =	386'
" " " -2 =	379'
" " " -3 =	832'
" " " -4 =	364'
" " " -5 =	397'
TOTAL =	2358'

LOT 9

LOT 8

LOT 7

LOT 6

CONCESSION V

METAL MINES LIMITED
CALVERT TOWNSHIP, ONT.

PLAN SHOWING LOCATION
OF 1965 DIAMOND DRILL
HOLES.

N.B. CORE LEFT NEAR THE
COLLAR OF EACH HOLE.

John R. Bridger P. Eng.
Sept. 21, 1965

DRAWN BY J.R.B. APPROVED BY

DATE 9/20/65
SCALE 1"=400'



4210W015 10 CALVERT

200

L. 81833