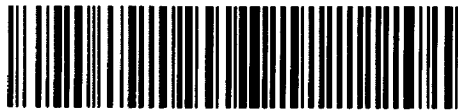


H. B. & O. ENGINEERING LIMITED  
SUITE 1010, 380 BAY STREET  
TORONTO, C  
M5H 2V

63.3213



42A02SW0024 63.3213 BADEN

R. A. HALKT, Ph.D., P. ENG.  
P. A. BROADHURST, B.Sc., P. ENG.  
MICHAEL OODEN, B.A.Sc., P. ENG.

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TO THE DIRECTORS  
RONDA COPPER MINES LIMITED  
% W.M. CUMMINGS  
330 BAY STREET - SUITE 207.

OCTOBER 5, 1973

DEAR SIR:-

PROGRESS REPORT TO OCTOBER 1, 1973.

I VISITED THE PROPERTY IN BADEN TOWNSHIP DURING THE WEEK WHICH ENDED SEPTEMBER 29. TWO HOLES HAD BEEN COMPLETED SINCE MY VISIT SEPTEMBER 7. No. 4 IS A 45 DEGREE HOLE 205 FEET IN LENGTH SITUATED 100 FEET NORTHEAST OF No. 1 AND 2 HOLES AND 230 FEET SOUTHEAST OF HOLE No. 3. IT WAS DRILLED FROM SOUTH TO NORTH (LIKE No. 3) AND WAS DESIGNED TO INTERSECT BOTH CONTACTS OF THE DIABASE DYKE.

THE SOUTH (HANGING WALL) CONTACT OF THE DYKE WAS INTERSECTED AT 26 FEET. IT IS PRECEDED BY 12 FEET OF INTENSELY ALTERED ROCK WITH QUARTZ STRINGERS. A SIX INCH SECTION OF QUARTZ AT THE CONTACT (26') ASSAYED 0.085 OUNCES PER TON. THE DIABASE CONTINUES IN THE HOLE TO 132.4 FEET, WHERE IT RE-ENTERED ALTERED VOCANICS. A THREE INCH VEIN AT THE CONTACT ASSAYED 0.75 OUNCES PER TON. SOME CORE WAS GROUND AND THE THICKNESS OF THE VEIN MAY BE AS MUCH AS 6 INCHES.

THE HOLE CONTINUES TO 205 FEET TO INTERSECT A POSSIBLE EXTENSION OF THE FRENCH VEIN. THERE IS INTENSELY ALTERED ROCK FOR 11 FEET BEYOND THE DIABASE, THEN RELATIVELY UNALTERED TUFF AND BRECCIA. A 6 INCH SECTION WITH A QUARTZ STRINGER AND CONSIDERABLE PYRITE AT 179 FEET ASSAYED 0.055 OUNCES PER TON. THIS MAY BE THE FRACTURE WHICH CONTAINS THE FRENCH VEIN.

see drilling # 10 Baden Twp.

CG-55

HOLE No. 5 WAS DRILLED IN THE SAME LOCATION AS No. 4, BUT AT AN INCLINATION OF 60 DEGREES, IN ORDER TO GET ANOTHER INTERSECTION ON THE HANGING WALL OF THE DIABASE, AND TO ASCERTAIN ITS DIP. IN THIS HOLE THERE IS 15 FEET OF CASING THROUGH OVERBURDEN, THEN ALTERED VOLCANIC ROCK TO 37.3 WHERE THE DIABASE IS INTERSECTED. ALTERATION IS INTENSE FOR 18 FEET WITH NUMEROUS QUARTZ STRINGERS IN THE THREE FEET ADJOINING THE DIABASE. A ONE-FOOT SECTION OF ALMOST PURE QUARTZ FROM 34.7 TO 35.7 ASSAYED 0.265 OUNCES PER TON. THIS IS A SIGNIFICANTLY BETTER INTERSECTION THAN IN HOLE No. 4, BUT ONLY 10 FEET DEEPER. THE HOLE WAS STOPPED AT 59 FEET IN DIABASE, BECAUSE MORE THAN 100 FEET OF ADDITIONAL DRILLING WOULD HAVE BEEN REQUIRED TO OBTAIN ANOTHER INTERSECTION ON THE NORTH CONTACT, AND AT THIS STAGE I FEEL THE REMAINING FOOTAGE ON THIS CONTRACT CAN BE USED MORE ADVANTAGEOUSLY ELSEWHERE.

THE DIABASE DYKE WHICH IS THE LOCUS OF THE GOLD-QUARTZ MINERALIZATION IS ABOUT A 100 FEET WIDE AND HAS A KNOWN LENGTH OF MORE THAN 600 FEET. ITS EXTENSION TO THE NORTHEAST IS COVERED BY A POND SOME 600 FEET ACROSS AND THEN SAND PLAIN WITH NO OUTCROP FOR AT LEAST A MILE. TO THE SOUTHWEST, THERE IS LIGHT OVERBURDEN BUT FEW OUTCROPS.

A PRELIMINARY TEST WITH A MAGNETOMETER INDICATES THAT THERE IS SUFFICIENT MAGNETIC CONTRAST BETWEEN THE DIABASE AND THE ENCLOSING VOLCANICS THAT IT CAN BE TRACED UNDER THE OVERBURDEN, AND THAT IT MAY BE POSSIBLE TO DETECT PARALLEL DYKES, IF ANY EXIST.

WE ARE THEREFORE PLANNING A MAGNETIC SURVEY OF THE INTERESTING AREA IN THE IMMEDIATE FUTURE. THIS WILL PERMIT INTELLIGENT LOCATION OF FUTURE EXPLORATORY DRILLING, AND GIVE CREDITS FOR ASSESSMENT WORK ON THE CLAIMS.

THE NEXT TWO DRILL HOLES ARE LOCATED 100 AND 200 FEET SOUTHWEST OF THE MAIN PIT AND THE No. 1 AND 2 DRILL HOLES, TO TEST THE WESTERN EXTENSION OF THE FRENCH VEIN AND THE NORTH CONTACT VEIN.

TOTAL DRILLING TO DATE IS 934 FEET IN FIVE HOLES.

YOURS VERY TRULY



R.A. HALET

H. B. & O. ENGINE  
SUITE 1010, 360  
TORONTO, (C  
MSH 2



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R. A. HALET, Ph.D., P.ENG.  
P. S. BROADHURST, B.Sc., P.ENG.  
MICHAEL OGDEN, B.A.Sc., P.ENG.

TELEPHONE: 416-363-3371

January 16, 1974

The President and Directors  
Ronda Copper Mines Limited  
Suite 3102, Simpson Tower  
401 Bay Street  
Toronto 1, Ontario

Re: Baden Township Gold Property

Dear Sirs:

The diamond drilling program in the vicinity of the old "French vein" got underway last August and continued through September and most of October. A total of 1,623 lineal feet of drilling was completed in 8 holes which varied from 60 to 275 feet in length.

The first few holes established the existence of a new gold-bearing vein, roughly parallel to the old French vein, but 30 to 40 feet south of it, at the contact with a big diabase dyke.

Both the north and south contacts of the 50 to 100-foot wide dyke were drilled and found to carry gold-bearing quartz veins. The north contact has now been tested for some 700 feet of strike length along the east-northeast trend of the dyke.

The first couple of holes under the French vein pits got nothing of the French vein but returned 0.475 ounces of gold per ton over 3.0 feet at the diabase contact. The holes 100 feet west of there and 200 feet west, both got low values in the contact zone (0.02 and 0.05 gold over a few feet) but the French vein had 0.2 and 0.3 gold over a couple of feet and in the far hole it was contained in a stockwork of quartz that ran 0.075 ounces of gold over 14.0 feet.

At 100 feet to the east of the pits the contact vein returned 0.75 gold over 0.2 feet. At 300 feet east it was low (0.06 over half a foot) and at 500 feet east the contact vein returned 0.20 ounces of gold per ton over half a foot.

As the drilling progressed, it became apparent that the trend and extent of the diabase dyke or dykes was crucial to further exploration of the property. A magnetometer was tested over the dyke and found to reflect the diabase, so a complete survey of the property was done. The line spacing was 400 feet with station interval of 50 feet along the lines.

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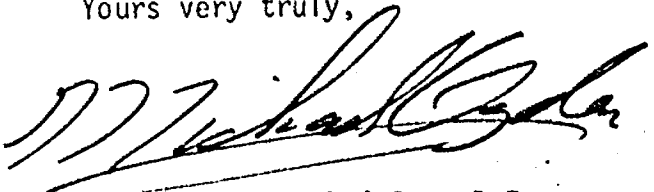
The President and Directors  
Ronda Copper Mines Limited

January 16, 1974

The magnetometer survey has indicated that the diabase dyke, its extension, or a similar one, continues, with interruptions for some 5,400 feet across the whole property, from southwest to northeast.

A series of 9 drill holes has been recommended to probe the contact zone at 400 to 500-foot intervals across the property. Tenders are being called for a 1500-foot contract which is hoped to get underway in a few weeks.

Yours very truly,



Michael Ogden, B.A.Sc., P.Eng.

MO:TP

# DIAMOND DRILL RECORD

PROPERTY RONDA, BAIKEN TWP. HOLE NO. - ALL LOCATIONS

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

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

STARTED FROM NEW GIL

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED OCT. 20/73

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION		SAMPLE NO.	WIDTH OF SAMPLE	GOLD IN DIRECT	SLUDGE GOLD	FOOTAGE
	LATITUDE	DEPARTURE					
HOLE No.	LATITUDE	DEPARTURE	DEPTH	DIP	DIRECT		
①	240 - NORTH	386 - WEST		45° ±	S.E.		259 1/2
②	" "	" "		35°	S.E.		190
③	12 "	00 "		45°	N.W.		221
④	00 "	245 - WEST		45°	N.W.		200
⑤	" "	" "		60°	N.W.		59
⑥	162 - N	472 - W		45°	S.E.		173
⑦	148 - N	570 - W		45°	S.E.		239
⑧	14 - SOUTH	38 - EAST		45°	N.		277 1/2
HOLLINGER	25 - N	25 - E		45° ±	N.W.		162 1/2

SIGNED MICHAEL OGDEN

# DIAMOND DRILL RECORD

PROPERTY RONDA - BADEN TWP. HOLE NO. 3-73.

SHEET NUMBER 1 OF 2  
 LATITUDE Approx 450' due  
 DEPARTURE east of Hole 1-  
 ELEVATION \_\_\_\_\_

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 BEARING N 30 W (MAG)  
 DIP 45°

STARTED \_\_\_\_\_  
 COMPLETED SEPT 7, 1973  
 ULTIMATE DEPTH \_\_\_\_\_  
 PROPOSED DEPTH 220.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
0-9	CASING				
9-20	MASSIVE GREY TO REDDISH FINE GRAINED WITH CLOSELY SPACED STRINGERS OF QUARTZ AND A FIBROUS MINERAL (TREMULITE?)				
20-42	SAME WITH INCREASING RED ALTERATION.				
42-50	DIABASE - FINE GRAIN, GREY, NOT ALTERED. CONTACT WITH PREVIOUS ROCK NOT CLEAR CUT, EXCEPT RED ALTERATION SUDDENLY STOPS				
50-141.8	DIABASE - MEDIUM GRAIN - DARK GREY. 73-81 - PROMINENT RED ALTERATION WITH QUARTZ + EPIDOTE 74-75				
	120-125 - SOME EPIDOTE STRINGERS. DIABASE FINE GRAIN FROM 125				
	124.8 - 1" QUARTZ WITH FIBROUS MINERAL				
141.8-144.5	MASSIVE, FINE GRAIN, STRONG RED ALTERATION, SOME QUARTZ STRINGERS				
144.5-145.0	SAME WITH TWO LARGER QUARTZ VEINLET (1 1/2" DIA)				
145.0-160.6	MASSIVE, FINE GRAIN, SOME RED ALTERATION				

# DIAMOND DRILL RECORD

PROPERTY RONDA - BADEN TWP HOLE NO. 3-73

SHEET NUMBER 2 OF 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 %
160.6-166.0	MASSIVE - FINE GRAINED - STRONG RED ALTERATION + EPIDOTE STRINGERS				
166.0-180	MASSIVE - DARK GREY TO REDDISH A FEW EPIDOTE STRINGERS				
180-181	STRONG RED ALTERATION - SULPHIDE STRINGERS				
181-189.5	BRECCIATED - MUCH EPIDOTE + RED ALTERATION				
189.5-220	BRECCIA OF GREY PORPHYRY FRAGMENTS IN LIGHTER GROUND MASS				
	<b>SAMPLES -</b>				
32.5-35.0	RED-ALTERED - SOME QUARTZ STRINGERS	105	2.5	0.01	
35.0-40.0	RED ALTERED	106	5.0	0.01	
142-144.5	STRONG RED ALTERATION - SOME QUARTZ STRINGERS	107	2.5	0.015	
144.5-145	STRONG RED ALTERATION - 2 QUARTZ STRINGERS	108	0.5	0.06	
160-169	STRONG RED ALTERATION	109	7.0	0.01	

# DIAMOND DRILL RECORD

PROPERTY PONDA COPPER MINES LTD. - BADEN TWP.

HOLE NO. 8

SHEET NUMBER 1 OF 2

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

STARTED OCT. 19, 1973

LATITUDE 14 FT. SOUTH

DATUM NEW LINE GRID

COMPLETED OCT. 25

DEPARTURE 38 FT. EAST

BEARING N 5° WEST MAGNETIC

ULTIMATE DEPTH 277 1/2

ELEVATION POND LEVEL

DIP 45°

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

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0-16	CASING				
16-40	VOLCANIC BRECCIA, GREY, FINE GRAIN, MOSTLY ACIDIC MINERALS WITH A LITTLE CHLORITIC MAFIC MINERALS. HAS VARIOUS COLOURED PIECES OF Tuff, DACITE, EYE PORPHYRY ETC. PLUS THE ODD QUARTZ STRINGER AT VARIOUS ANGLES. THE FINAL CONTACT IS GRADATIONAL OVER SOME 7 FEET				
40-69.4	SYENITE LIKE ROCK, BROWNISH RED, FINE GRAIN, NUMEROUS EPIDOTE STRINGERS				
	40.0-41.5	4985	1.5	NIL	
	67.4-69.4	4986	2.0	NIL	
69.4-202.5	DIABASE, MEDIUM GRAIN, MOSTLY MOSTLY GREENISH GREY FELDSPAR AND A LITTLE CHLORITIC MAFIC MINERALS WITH 10% RED FELDSPAR OFTEN WITH WHITE CORE. BOTH CONTACTS CLEAR AT 60°, INITIAL ONE CHILLED FOR 20 FEET & FINAL CONTACT FOR 7 FEET.				
202.5-239.4	VOLCANIC BRECCIA, MIXED FRAGMENTS OF RED, GREEN, & BLACK FINE GRAIN ROCKS LIKE A MOSAIC, ONLY IN FIRST SIZE CHUNKS				



# DIAMOND DRILL RECORD

PROPERTY RONDA, BADEN TWP. HOLE NO. 8

SHEET NUMBER 2 OF 2 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED OCT. 73  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
202.5-203.0	QUARTZ VEIN (ALL IN SMPL.)	4987	0.5	0.08	
203.0-206.4	RED ROCK	4988	3.6	0.02	
206.4-206.9	QUARTZ VEIN	4989	0.5	0.20	
206.9-210.0	WALL ROCK	4990	3.1	0.01	
213-215	TYPICAL COUNTRY ROCK	4991	2.0	0.01	
217-218	NEXT TO VEIN	4992	1.0	0.005	
218.0-218.4	QUARTZ VEIN	4993	0.4	0.07	
218.4-219.4	NEXT TO " "	4994	1.0	0.01	
237.9-239.1	WALL ROCK	4995	1.2	0.005	
239.1-239.4	QTR WITH CHALCO	4996	0.3	0.08	
239.4-277 1/2	GREY GRANULAR ROCK, FINE SUGAR SIZE GRAIN, UNEVEN TEXTURE WITH VARIOUS SHADES OF PINK & GREEN. INITIAL 15 FEET DUSTED WITH FINE WHITE SPOTS.				
239.4-240.4	WALL ROCK	4997	1.0	0.03	
240.4-242.0	VERY RED, STRIPED	4998	1.6	0.01	
244.0-245.1	WALL ROCK	4999	1.1	0.005	
245.1-245.2	QUARTZ WITH CALCITE	5000	0.1	0.04	
245.2-246.2	WALL ROCK	5001	1.0	NIL	
277 1/2	END OF HOLE				

RONDA COPPER MINES LTD

BADEN TOWNSHIP

PLAN OF DRILLING

1 INCH = 30 FEET

C-6-55

CLAIM L-341781

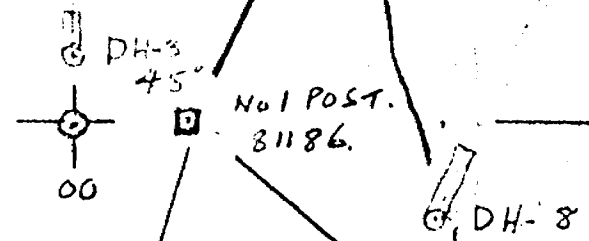
Approximate Shore Line

True North

1000  
1000  
1000

LINE

MIM MFL-81186.



CLAIM 341779