010

DIAMOND DRILLING

Township: FAWCETT

Report No: 17

WORK PERFORMED FOR: RAYLLOYD MINES & EXPLORATIONS LTD.

RECORDED HOLDER: SAME AS ABOVE [ ]

: OTHER [XX] R.G. RAMSAY

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
M.R. 44337	1	518'	Jan-Feb/67	(1)
	3	412'	Mar/67	(1)
MR. 44333	2	638'	Mar/67	(1)
	4	647.5'	Apr/67	(1)
MR. 44338	5	649'	Apr/67	(1)
		2864.5'		

NOTES: (1) Received from Mining Recorder - cancelled claims - placed on file in Toronto Jan 8/88.

DIAMOND DRILL LOG

D. D. HOLE NO. 1

PROPERTY RAYLLOYD RAYLLOYD MINES & EXPLORATIONS LTD.

LOCATION Claim No. K.R. 10338 - Fawcett Twp., Ont.
COLLAR: LAT. 160' N
DEP. 1100' E
ELEV. Surface
BEARING N 60° E
DIP minus 45°

DEPTH OF HOLE 518'
STARTED Jan. 1967.
COMPLETED Feb. 17, 1967.
DRILLED BY Continental
Core Size AXT

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE FT.	
0	20	CASING			
20	187	PERIDOTITE Black massive, fine grained rock which is slightly magnetic, slightly fractured with the fractures having wavy surfaces and smeared with serpentine. From 37' - 39' Fault at 15° to the core axis and containing carbonate, serpentine and chlorite. At 53.5' ¼" very black and fine grained chert seam at 70° to the core axis. At 67' 8" of serpentine-carbonate vein at 15° to the core axis. At 80' 2" whitish green serpentine.			
187	298.5	DIORITE Hard, medium grained, massive, mottled green and white coloured rock, in part with epidote stringers and patches. Core alternates from fine grained to medium grained patches and is in part bleached sections. Irregular carbonate stringers and patches also occurr to about 2% of rock. At 173.2' splash of pyrite. SAMPLES : At 182' - 188' Approximately 10% carbonate - white in well fractured section.	38	6.0	nil Ag 0.01 % Cu
		At 216.8' - 220.5' Very hard and fine grained brownish-grey altered section. Highly silicified.	39	3.7	tr Ag 0.01% Cu
		At 240.7' - 242.7' Splashes of carbonate.	40	2.0	tr Ag 0.02% Cu
		At 290.5' ½" carbonate at 45° to the core axis.			
298.5	318	VOLCANICS Very fine grained, hard, dark coloured, basic volcanic rock alternating with medium grained sections. From 304.9' - 305.5' is an epidotised section.			
318	330.5	PORPHYRY Massive, fine grained, granular rock with spatterings of red feldspar - ? fine grained granitic intrusive or a band of arkosic sediments.			

REGISTERED PROFESSIONAL ENGINEER
JACK G. WILLARS
PROVINCE OF ONTARIO

SIGNED J. G. Willars
JACK G. WILLARS B.A.Sc., P. ENG.

DIAMOND DRILL LOG

D. D. HOLE NO. 1

PROPERTY [redacted] LLOYD MINES & EXPLORATION LTD.

PAGE 2

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE FT.
380.5	435	VOLCANICS Fine grained to medium grained hard dark green volcanic rock with 1" carbonatised fault at 5° to the core axis at the contact. 398.5 - 400 core missing - taken for specimen by Ray Ramsay. Core is gabbroic in places and andesitic in places and is well fractured and carvonatised in some sections. From 410.5' - 418' light brown well carbonatised section.. From 401.5' - 402' pruple and white carbonate in carbonatised shear at 60° to the core axis.		
435	518	RHYOLITE From 435' - 450' is an altered contact zone reasonably well fractured and carboantised. Main rock is light brown to yellow coloured, very fine grained, hard, glassy rock containing white feldspar and quarts eyes and some minor amounts of grey to black shading in sections. Faint banding at 60° to the core axis. 497' - 500' 12" core taken by Ray Ramsay for specimen. From 505' - 518' appears to be changing to the same alteration as at the top of the Rhyolite.		
	518	END OF HOLE.		

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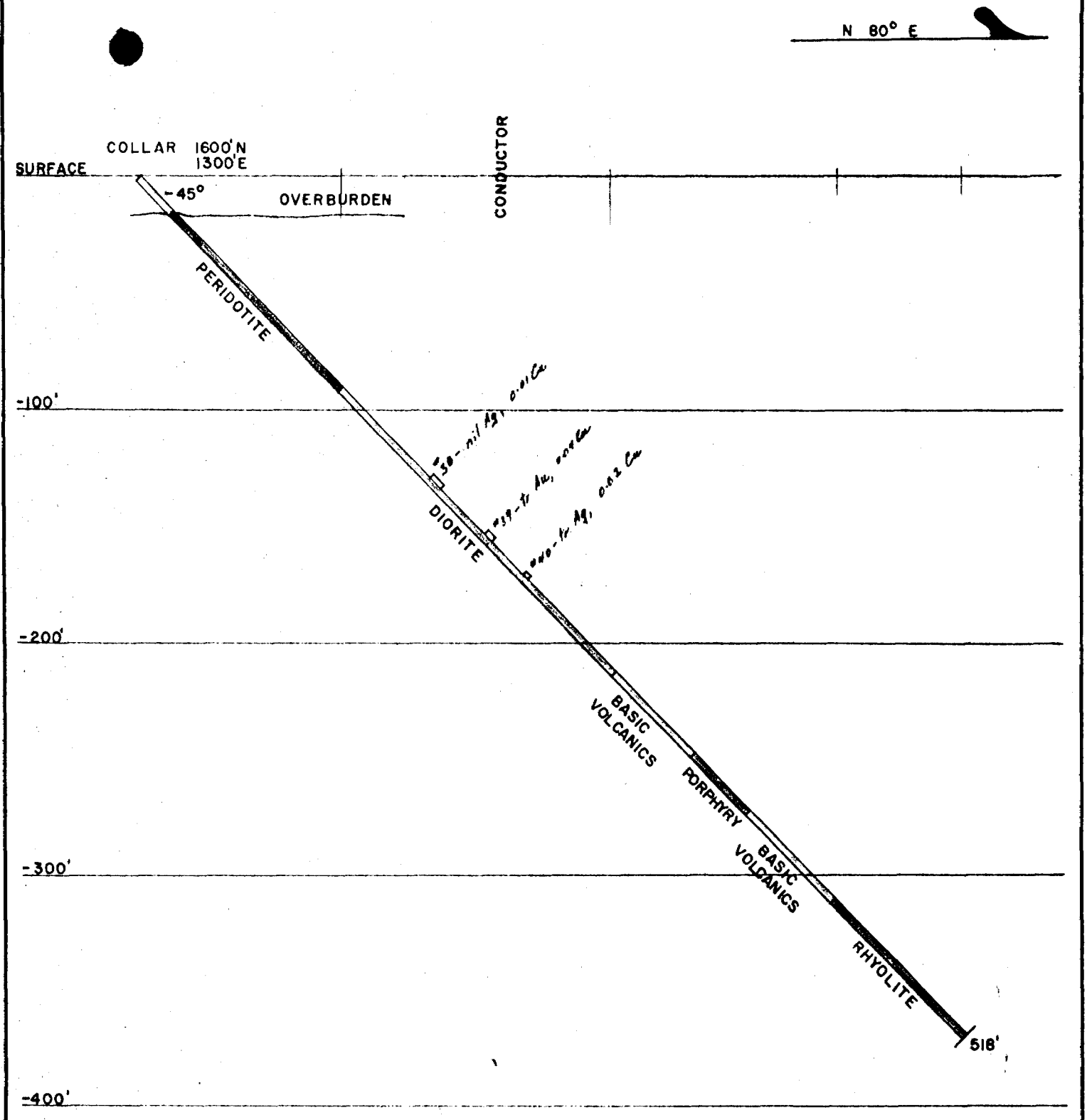

PROFILE SECTION
(LOOKING NORTH)

D. D. H. NO. 1

RAYLLOYD MINES & EXPLORATIONS LTD

FAWCETT TWP., ONT.

SCALE: 1 "= 60'

REGISTERED PROFESSIONAL ENGINEER
JACK G. WILLARS
PROVINCE OF ONTARIO

J. G. WILLARS MAR. 1967.

DIAMOND DRILL LOG

D. D. HOLE NO. 2

PROPERTY BAYLLOYD MINES & EXPLORATIONS LTD.

LOCATION Claim No. M.R.L.4333 Fawcett Twp., Ont.

COLLAR: LAT. 2147' N
DEP. 296' W
ELEV. Surface

BEARING N 80° E
DIP -60°

Original setup at 2000'N, 360' W at -45°; 86' overburden and lost hole.

DEPTH OF HOLE 638'
STARTED March 6, 1967.
COMPLETED March 16, 1967.
DRILLED BY Continental
Core Size AXT

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE FT.
0	130	CASING		
130	166.2	DIORITE DIKE Medium grained, massive, fresh looking, mottled white feldspar and green mafic minerals with bottom contact grading to a very fine grained grey to black rock at 45° to the core axis and sharp. Contains fine grained specks of pyrite scattered through the core and faint pinkish feldspar in places.		
166.2	285.6	INTERMEDIATE LAVAS Light coloured, fine grained, hard, volcanic rocks with banding at 45° to the core axis. Series of light colours alternating with bands containing quartz eyes. From 251.5'-252.5' severe epidotized fractures at 15° to the core axis.		
285.6	292	DIORITE DIKE Sharp contacts at 45° to the core axis. Fine grained mottled white and green minerals to form a hard massive rock with epidote splotches and specks of pyrite. Lower contact contains carbonatization.		
292	304	INTERMEDIATE LAVAS As above at 166.2'-285.6'.		
304	359.3	ANDESITE Coarse grained to medium grained mottled white and green minerals composing a volcanic rock which is well fractured in several irregular directions with some of the fractures filled with carbonate and siliceous material- in part the rock is well bleached. Some spotty chlorite alteration.		
359.3	367	TRAP DIKE Fine grained, black, massive dike rock with top contact at 45° to the core axis and bottom contact at 60°.		
367	372.5	ANDESITE As above at 304'-359.3'.		
372.5	438.5	RHYOLITE Fine grained to medium grained light grey to light brown siliceous rock with ghosty banding at approximately 60° to the core axis. Contains quartz eyes of irregular sizes and is slightly fractured.		

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DIAMOND DRILL LOG

D. D. HOLE NO. 2

PROPERTY [redacted]LOYD MINES & EXPLORATIONS LTD.

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE FT.	
438.5	439.7	TRAP DIKE Chilled sharp contacts at 45° to the core axis - fine grained black dike rock.			
439.7	508.8	RHYOLITE As above from 372.5'-438.5'. At 465' - 5° trap dike.			
508.8	512	DIORITE DIKE Fine grained diorite dike at 60° to the core axis.			
512	622.5	RHYOLITE As above and containing massive pyrite mineralisation.			
		SAMPLES : At 522.6'-525.2' Very fine grained pyrite on fracture planes.	41	2.6	tr. Au
		At 543.6'-548.8' Scattered pyrite streaks and blebs.	42	5.2	tr Au
		At 548.8'-551.3' Rhyolite relatively barren of metallic mineralisation.	43	2.5	tr Au
		At 551.3'-554.5' 1% pyrite with specks of chalcopyrite.	44	3.2	tr Au,0.01Cu
		At 554.5'-558.1' Rhyolite relatively barren of metallic mineralisation.	45	3.6	tr Au
		At 558.1'-561.6' 1% pyrite	46	3.5	tr Au,0.05Cu
		At 561.6'-566.3' 5 - 7 % pyrite with specks of chalcopyrite.Some massive sections pyrite.	47	4.7	tr Au,0.01Cu tr Ag,Pb,Zn
		At 566.3'-569.2' 1% pyrite	48	2.9	tr Au,0.02Cu
		At 569.2'-572.2' Rhyolite relatively barren	49	3.0	tr Au
		From 586.8' - 587.8' Fractured trap dike. From 613' - 615.8' Fine diorite dike.			
622.5	638	DIORITE DIKE Fine grained to medium grained massive dike rock with contacts and alteration of the lavas at the contact(top).			
	638	END OF HOLE.			

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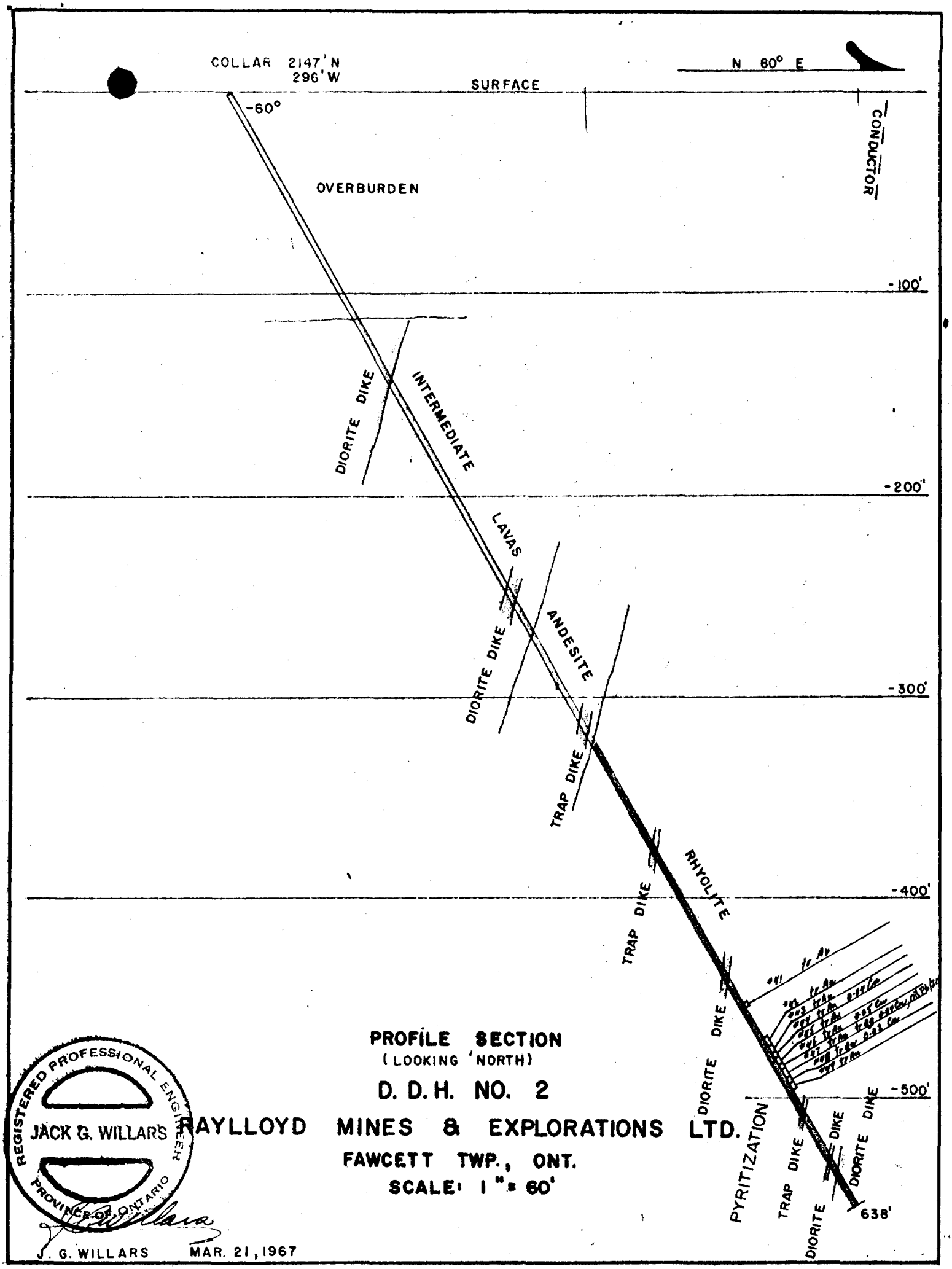

PROFILE SECTION
(LOOKING NORTH)

D. D. H. NO. 2

RAYLLOYD MINES & EXPLORATIONS LTD.

FAWCETT TWP., ONT.

SCALE: 1" = 60'

REGISTERED PROFESSIONAL ENGINEER
JACK G. WILLARS
PROVINCE OF ONTARIO

J. G. WILLARS MAR. 21, 1967

DIAMOND DRILL LOG

D. D. HOLE NO. 3

PROPERTY BAYLLOYD MINES & EXPLORATIONS LTD.

PAGE 1

LOCATION Claim No. M.R.44337 Fawcett Twp., Ont.
COLLAR: LAT. 2400 N
DEP. 750' E
ELEV. Surface
BEARING N 80° E
DIP -45°

DEPTH OF HOLE 442'
STARTED March 19, 1967.
COMPLETED March 24, 1967.
DRILLED BY Continental D.D.
Core Size AXT

Test at 442' -37°

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE FT.
0	94	CASING		
94	142	PERIDOTITE Fine grained, black, massive rock which is slightly magnetic and about 5% fractured with serpentine and carbonate filling the fractures. Many of the fractures are at small angles to the core axis.		
142	197	DIORITE Medium to coarse grained, massive, mottled white and green flow rock (coarse andesite). Quartz and carbonate filling in the few fractures.		
197	221	TRAP DIKE Very fine grained, black, hard rock intruding at 30° to the core axis. Rock is in part bleached.		
221	251.5	DIORITE As above at 142' - 197'. Definitely a flow rock and is sparsely fractured with carbonate fillings.		
251.5	276.9	ANDESITE Medium green coloured, fine grained rock with ghosty banding at 45° to 35° to the core axis. Well fractured with fractures being filled with quartz and carbonate. FAULT at 293' - 294' cemented breccia with carbonatization and silicification. Some pink carbonate. At 45° to the core axis.		
276.9	284.5	FELSITE DIKE Fine grained, light grey mottled dike rock.		
284.5	302	ANDESITE As above at 251.5' - 276.9'. FAULT at 293' - 294' Cemented breccia with quartz and carbonate - some pink carbonate.		
302	442	RHYOLITE Massive, very hard, fine grained, light brown coloured rock with black mottles. Flow banding and contact at 30° to the core axis. Slightly fractured.		
	442	END OF HOLE.		

REGISTERED PROFESSIONAL ENGINEER
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SIGNED

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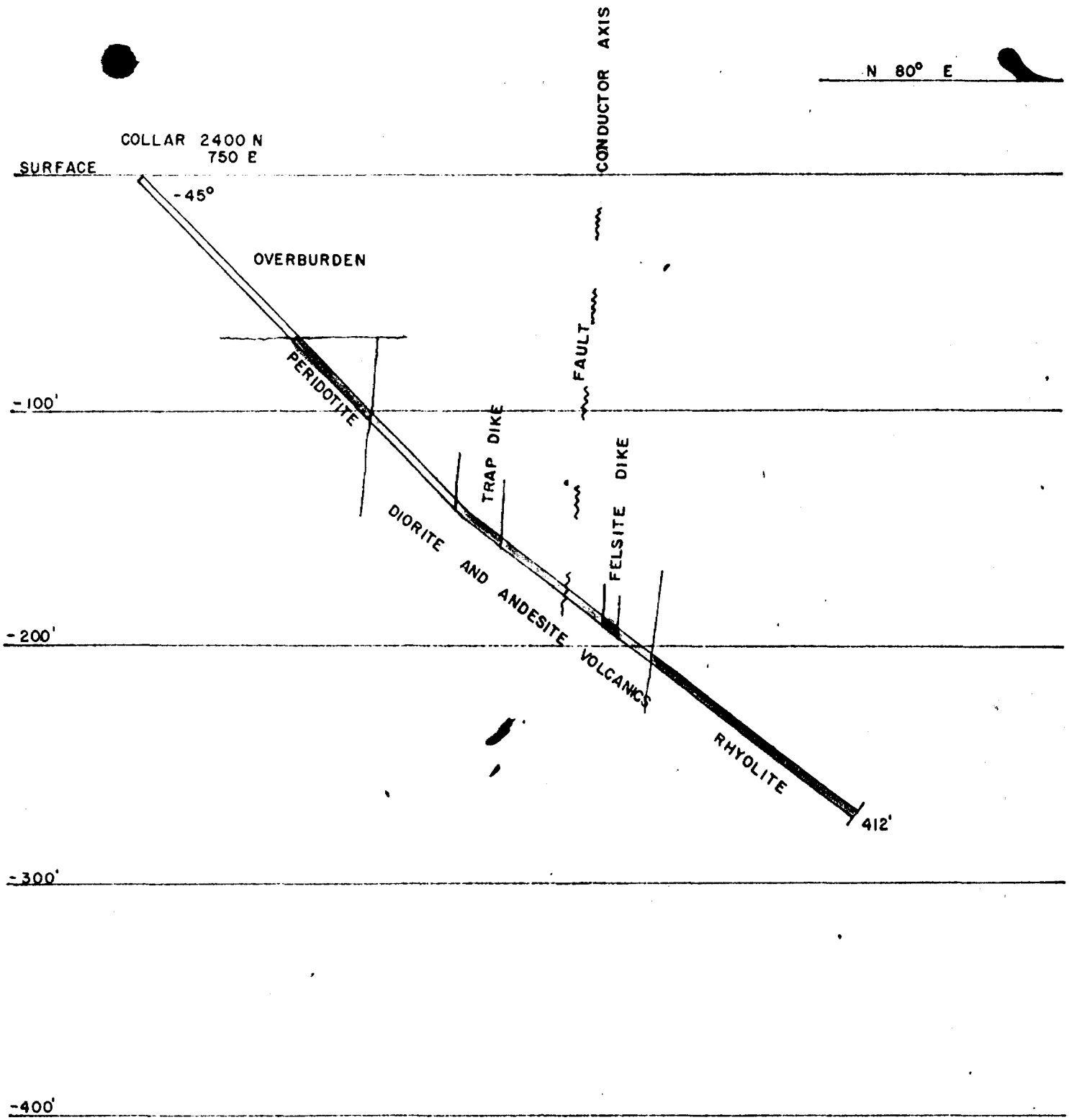

PROFILE SECTION
(LOOKING NORTH)

D. D. H. NO. 3

RAYLLOYD MINES & EXPLORATIONS LTD.

FAWCETT TWP., ONT.

SCALE : 1" = 60'

REGISTERED PROFESSIONAL ENGINEER
JACK G. WILLARS
PROVINCE OF ONTARIO

J. G. WILLARS APRIL 1967

DIAMOND DRILL LOG

D. D. HOLE NO. 4

PROPERTY RAYLLOYD MINES & EXPLORATIONS LTD.

LOCATION Claim No. M.R. 44333 Fawcett Twp., Ont.

COLLAR: LAT. 214 N

DEP. 296 W

ELEV. Surface

BEARING S 60° E

DIP -45°

Test at 600' -45°

DEPTH OF HOLE 647.5'

STARTED April 6, 1967.

COMPLETED April 14, 1967.

DRILLED BY Contractual

Core Size AXT

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE FT.	
0	130	CASING			
130	292	DIORITE Massive, medium grained, fresh, granular, mottled green and white rock containing scattered pyrite specks. Grades to very fine grained black rock at the contact which is at 30° to the core axis and sharp.			
292	446.5	ANDESITE Fine grained andesite lava rock with faint banding at 40° to the core axis. Patchy areas with epidote. Some amygdaloar bands. Trap dike from 408.5'-409.7'. Minutely fractured and filled with calcite seams.			
446.5	561.7	RHYOLITE Light brown and grey, very fine grained, hard, massive, rock that is 5% fractured in various directions and seamed with calcite. Faint banding ? at 30° to core axis. SAMPLES : At 496.3'-497' Chalcopyrite in lava band At 535'-537.5' Chalcopyrite and pyrite scattered through the core.	1058 1059	0.7 2.5	0.82 %Cu 0.47 %Cu
561.7	577.3	TRAP DIKE			
577.3	647.5	RHYOLITE Fine grained very hard, light coloured rock with black and bluish blemishes. At 589' 5" and 1" pinkish white quartz at 45° to core axis. At 625.7' - 629' white quartz intrusion.			
	647.5	END OF HOLE.			

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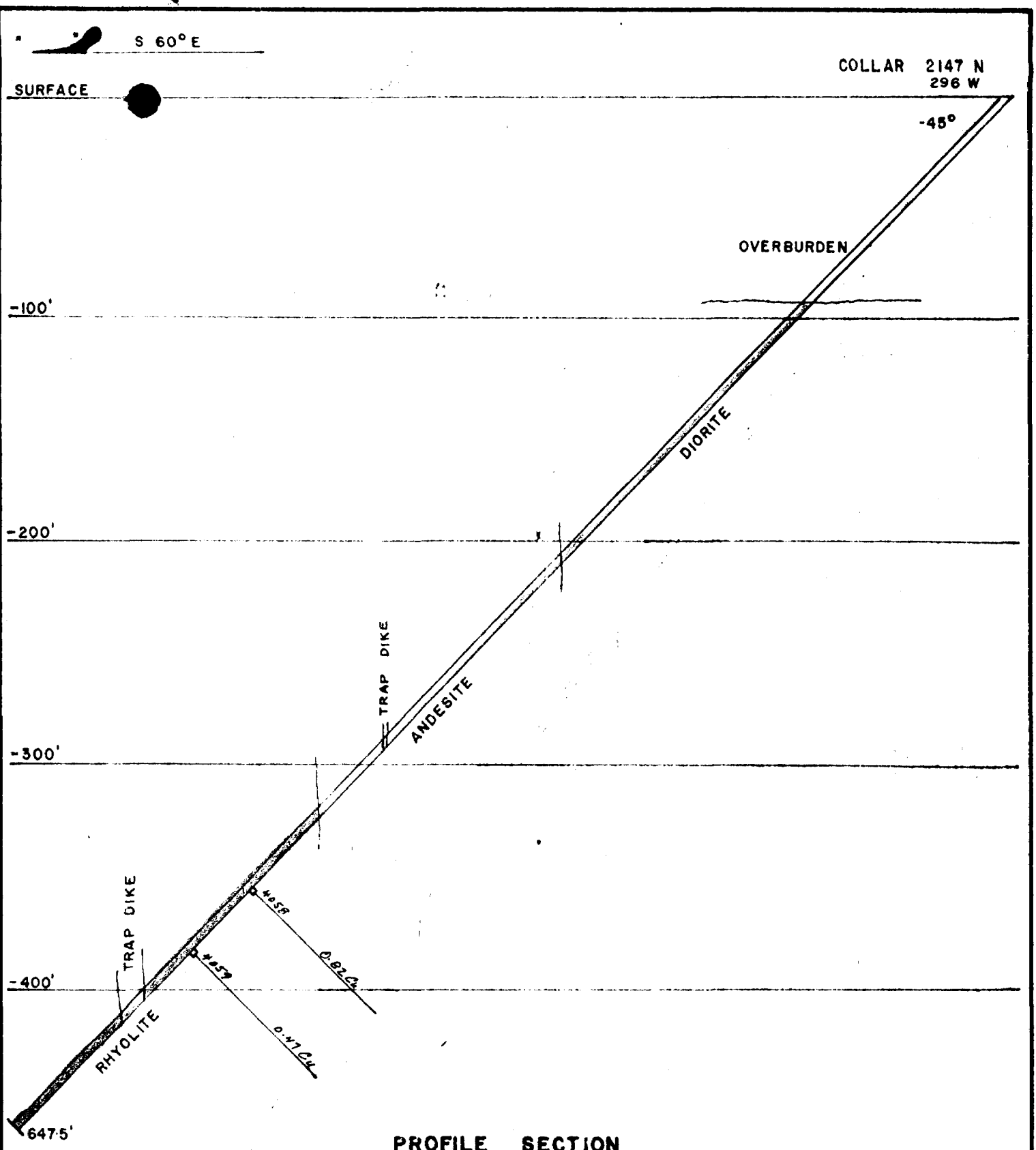

PROFILE SECTION
(LOCKING SOUTHWEST)

D.D.H. NO. 4

RAYLLOYD MINES & EXPLORATIONS LTD.

FAWCETT TWP., ONT.

SCALE: 1" = 60'

REGISTERED PROFESSIONAL ENGINEER
JACK G. WILLARS
PROVINCE OF ONTARIO

J. G. WILLARS 1967

DIAMOND DRILL LOG

D. D. HOLE NO. 5

PROPERTY BAYLLOYD MINES & EXPLORATIONS LTD.

LOCATION Claim No. M.R. 44338 Fawcett Twp., Ont.

COLLAR: LAT. 1200 N

DEP. 1600 E

ELEV. Surface

BEARING S 80° E

DIP -45°

Test at 600' -45°

DEPTH OF HOLE 649'

STARTED April 16, 1967.

COMPLETED April 20, 1967.

DRILLED BY Continental

Core Size AXT

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE FT.
0	34	CASING		
34	261.5	ANDESITE Massive dark green and bluish rock with fine grained lath like white mineral (feldspar) . Epidote and siliceous alteration to a 3/4 degree, occurs as veinlets and seams Bleached in part. Some black lath like mineral near the bottom of this section. Seams at high angles to the core axis. At 82' 2" quartz at 80° and at 217' 2" banded pink and white quartz at 80° to the core axis.		
261.5	268.6	TRAP DIKE Very fine grained black massive rock cutting the lava at 45° to the core axis.		
268.6	278	ANDESITE As above at 34'-261.5'.		
278	288.4	TRAP DIKE As above at 261.5'-268.6'.		
288.4	320	ANDESITE As above at 34'-261.5'.		
320	324	PORPHYRY Medium brown coloured fine grained siliceous matrix containing 1/8" white feldspar phenocrysts.		
324	556	ANDESITE As above at 34' - 261.5'. At 407.58-409.3' White barren quartz and red feldspar vein with 1" calcite at the bottom of section. At 409.3' - 422' Sheared wall rock. Silicified with sparse amounts of pyrite present.		
556	567.3	FAULT BRECCIA Well brecciated and cemented with white quartz. Scattered sparse amounts of pyrite and a few chalcopyrite streaks at 35° to the core axis.		
567.3	649	PERIDOTITE Fine grained black, slightly magnetic, massive rock. Three feet of the contact is bleached with alteration. Grades to medium grained rock and brown coloured alteration.		
	649	END OF HOLE.		

REGISTERED PROFESSIONAL ENGINEER
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PROVINCE OF ONTARIO

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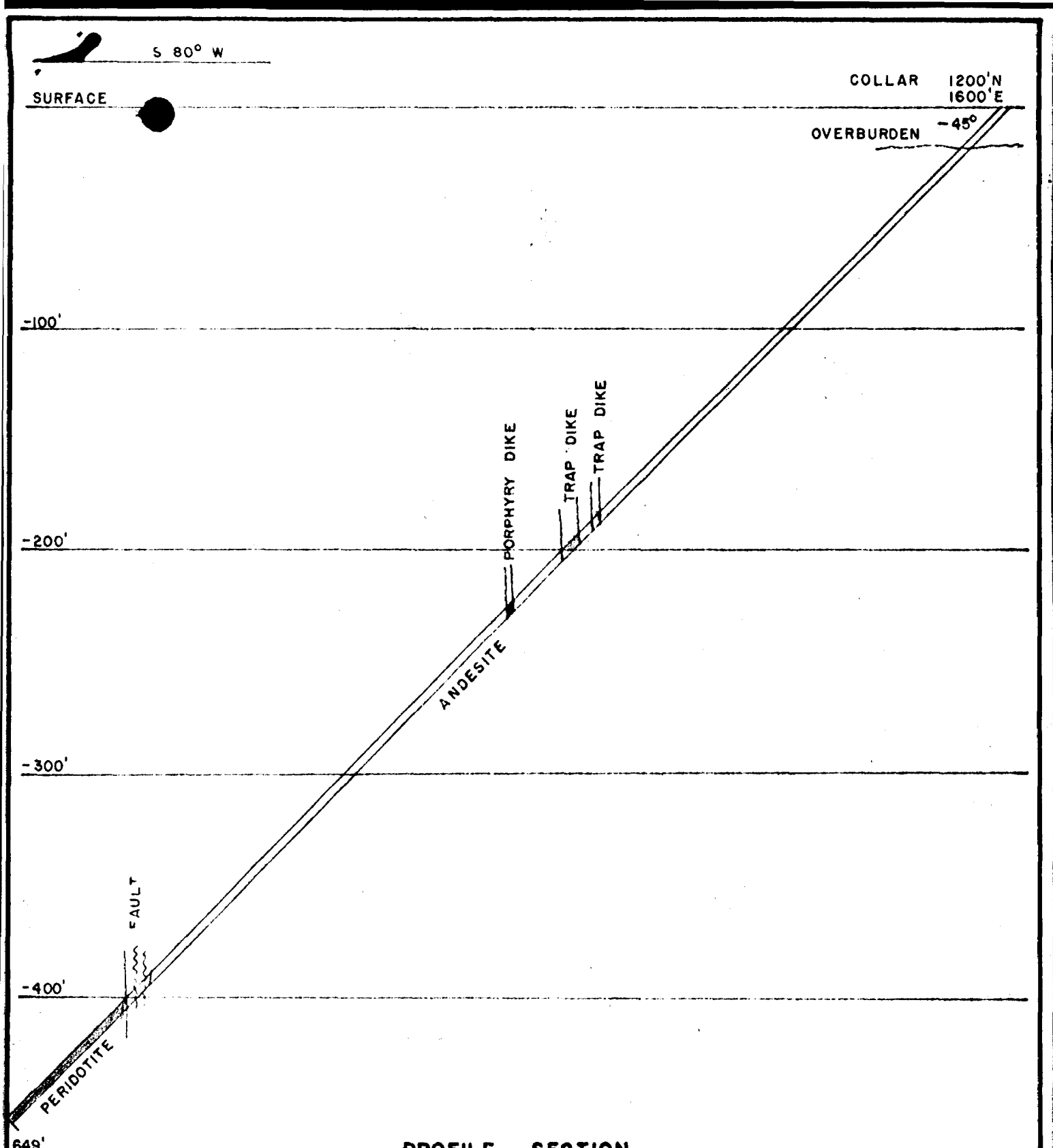


PROFILE SECTION
(LOOKING NORTH)

D. D. H. NO. 5

RAYLLOYD MINES & EXPLORATIONS LTD.

FAWCETT TWP., ONT.

SCALE: 1" = 60'

REGISTERED PROFESSIONAL ENGINEER
JACK G. WILLARS
PROVINCE OF ONTARIO

J. G. WILLARS — APRIL 1967

41P11SE0127 17 FAWCETT

900

ONTARIO

required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK

To the Recorder of ..... MONTREAL ..... RIVER ..... Mining Division

I, ... K. G. RAMSAY ..... A 38000 .....
name of Recorded Holder — Miner's Licence

..... 104 BAY FIELD ST. ..... BARRIE, ONT. .....
Post Office Address

do hereby report the performance of ..... 2864.5 ..... days of ..... DIAMOND DRILLING .....
type of work

not before reported to be applied on the following contiguous claims

	Claim No.	Days	Claim No.	Days	Claim No.	Days
M.R.	43441	132	MR 44333	1635	MR 43322	165
MR.	43442	132	MR 44334	1635	MR 43323	165
MR.	43443	165	MR 44335	1635	MR 43324	165
M.R.	44282	165	MR 44336	165	MR 43325	165
MR	44283	165	MR 44337	134	MR 45010	165
MR	44332	161	MR 44338	165	MR 45011	165

All the work was performed on Mining Claim (s) ..... 44337, 44333, 44338 .....
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations – Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

DDH No. (AR7 cont)

1	518'	-45°
2	638'	-60°
3	412'	-45°
4	647.5'	-45°
5	649'	-43°
	2864.5'	

CONTINENTAL D.D. NORANDA, P.Q.
January 1967 to April 16, 1967.

Date ..... May 9, 1967 .....

..... J. Williams .....
Signature of ~~Recorded Holder~~ or Agent

The Mining Act
Certificate Verifying Report of Work

I, ... JACK C. WILLIAMS .....

..... BOX 596 ..... NEW LISKEARD, ONT. .....
(Post Office Address)

hereby certify:

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.

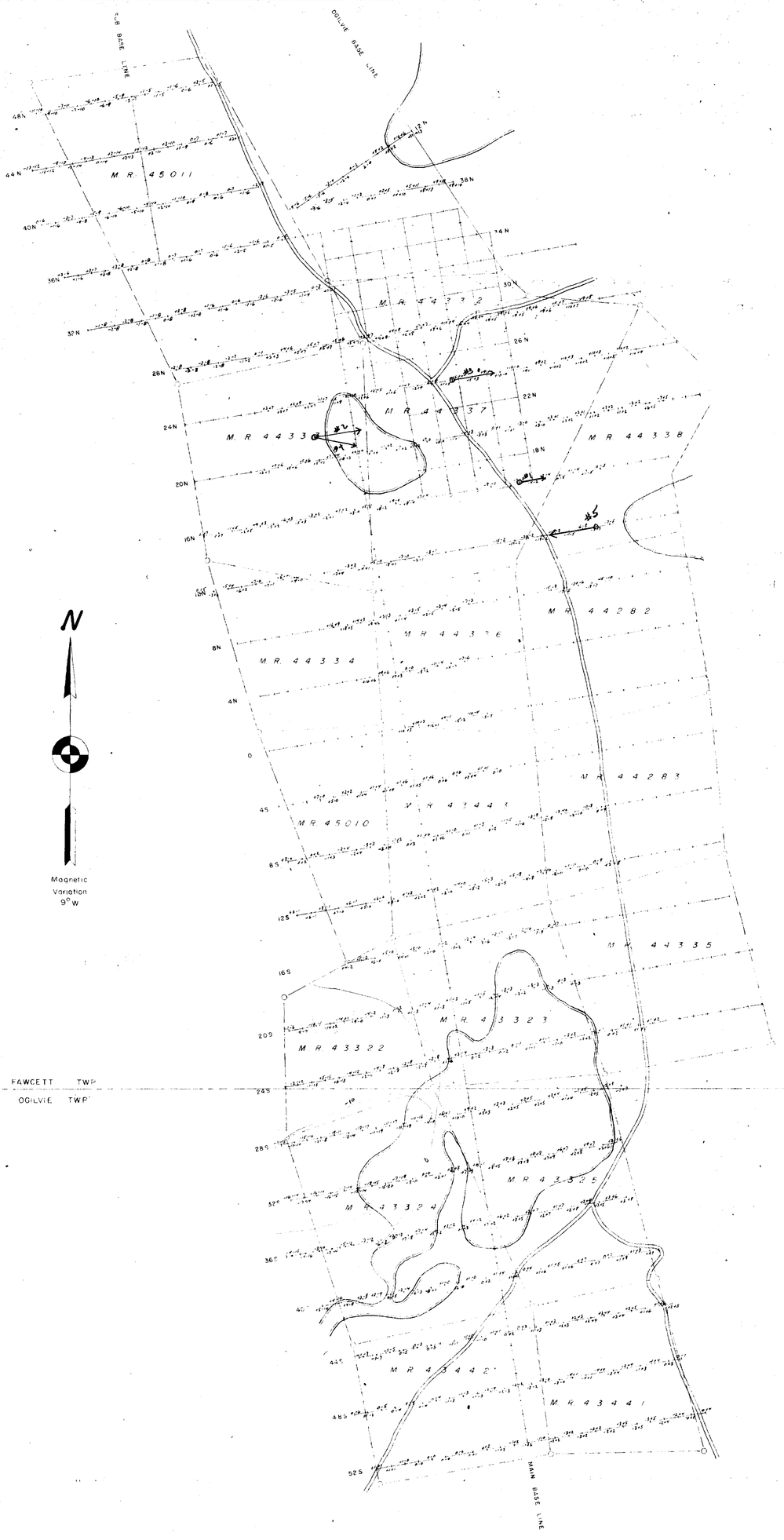
2. That the annexed report is true.

Dated ..... May 9, ... 19 67 .....

..... J. Williams .....
Signature

RECEIVED
MAY 10 1967

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS $500. OR SIX MONTHS IMPRISONMENT OR BOTH



D.D.H. Location Sketch

RAYLLOYD MINES & EXPLORATIONS LIMITED

FAWCETT & OGILVIE TWPS.

ONTARIO

SCALE

400 200 0 400 800

1" = 400'

200

Fawcett Tp. DDR # 17

J. G. WILLIAMS, B.A.Sc., P.ENG. APRIL, 1967