

GM 32120

DIAMOND DRILL HOLES

Documents complémentaires

Additional Files



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Énergie et Ressources
naturelles

Québec 

JACK G. WILLARS

MINING GEOLOGIST
PROFESSIONAL ENGINEER

15-P
March 27, 1976.

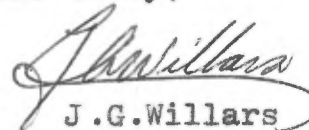
President and Directors
Daverich Minerals Ltd.
432 - 12 Richmond St. E.
TORONTO, Ont.

Gentlemen :

D.D.H. No. 76 - 1 was drilled at minus 500 in a S 20° W direction to test the cause of Conductor A on your property in Guigues Twp., P.Q., and the hole was completed at a depth of 352'. It encountered andesite lava rocks throughout. The cause of the electromagnetic response was a fracture zone from 304' to 311' in the core. Minor and sparse pyrrhotite and chalcopyrite was observed in the core. No samples were taken.

D.D.H. No. 76 - 2 is set up to test Conductor B.

Yours truly,


J.G. Willars

Ministère des Richesses Naturelles, Québec	
SERVICE DE LA	
DOCUMENTATION TECHNIQUE	
Date:	4 OCT 1976
No GM:	32120

DIAMOND DRILL LOG

D. D. HOLE NO. 76-1PROPERTY DAVERICH MINERALS LTD.

PAGE 1

LOCATION Guigues Twp., P.Q. 354477-2

TEST

DEPTH OF HOLE 352'COLLAR: LAT. Conductor A 2RSTARTED Mar. 23, 1976DEPT. 200' NCOMPLETED Mar. 25, 1976ELEV. SurfaceDRILLED BY Morissette D.L.BEARING S 20° WCORE SIZE AWLDIP minus 50°

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE LENGTH	ASSAY RESULT
0	46'	CASING			
46'	53'	ANDESITE Hard medium grained green rock with fine grained white feldspar 1/32" in mildly contorted schistic rock at 60° to the core axis.			
53'	140'	ANDESITE Silicified fine grained lava rocks with faint banding at 60° to the core axis. Pyrrhotite and pyrite smears on fracture planes. Scattered white carbonate seams at 60° to the core axis with sparse chalcopyrite and pyrrhotite.			
140'	227'	ANDESITE As above at 46' to 53' At 152.8' 1/4" quartz and pink feldspar at 30° to the core axis. At 157.8' to 158.2' pink feldspar and white quartz and minor carbonate at 45° to the core axis. At 161.5' to 161.7' Vuggy breccia with minor malachite. From 161.7' to 163' is fractured with red hematite on the fracture planes.			
227'	304'	ANDESITE Fine grained as at 53' to 140'. From 262' to 268' quartz vein, irregular and with epidote.			
304'	311'	FRACTURE ZONE Well fractured andesite with white translucent barren quartz and 10% pink feldspar. Some red hematite stain. 10% chlorite.			
311'	352'	ANDESITE As above at 227' to 304'.			
	352'	END OF HOLE.			

SIGNED



 JACK G. WILLARS, B. A. SC., P. ENG.
 CONSULTING MINING GEOLOGIST

S 20° W

2 E, 200' N

CONDUCTOR A

SURFACE

-50°

OVERBURDEN

-100'

ANDESITE

-200'

FRACTURE ZONE

352'

PROFILE SECTION D.D.H. 76-1

LOOKING EAST

DAVERICH MINERALS LTD.

GUIGUES TWP, QUE.

CLAIM 354 477-2

SCALE: 1" = 40'

J. G. Willars
J. G. WILLARS

MARCH 27, 1976

JACK G. WILLARS

MINING GEOLOGIST
PROFESSIONAL ENGINEER

April 4, 1976.

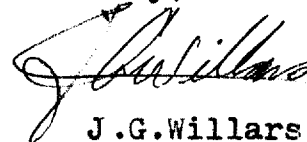
President and Directors
Daverich Minerals Ltd.
432 - 12 Richmond St. E.
TORONTO, Ont.

Gentlemen :

D.D.H. No. 76 - 2 was drilled at minus 45° in a S 39° W direction to test the cause of Conductor B on your property in Guigues Twp., P .Q. The hole completed at a depth of 302'. The core was all of andesite rocks. At 248.2' to 253' a silicified banded section containing paper thin seams of pyrite was intersected. This section is interpreted as being the cause of the Conductor B and does not warrant further investigation.

The drill is now moved to test Conductor C with D.D.H. No. 76 - 3.

Yours truly,



J.G. Willars

DIAMOND DRILL LOG

D. D. HOLE NO. 76 - 2

PROPERTY DAVERICH MINERALS LTD.

PAGE 1

LOCATION Guigues Twp., P. Q. 354478 - 2 TEST
 COLLAR: LAT. 150° N
 DEPT. 4 S
 ELEV. Surface
 BEARING S 39° W minus 45°
 DIP _____

DEPTH OF HOLE 3021
 STARTED March 26, 1976.
 COMPLETED March 30, 1976.
 DRILLED BY Morissette D.D.
 CORE SIZE AXWL

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE LENGTH	ASSAY RESULT
0	106'	CASING Clay and sand.			
106'	248.2'	ANDESITE As in 76 - 1 - Medium grained, green rock with ghosty banding at 45° to 60° to the core axis. Some sparsely spaced white quartz-carbonate veinlets (1/4" wide) at 60° to the core axis. Pyrrhotite in quartz-carbonate at 125'. From 147' to 150' brecciated and broken core with red hematite stain on the fracture planes. From 137' to 152.27' the veins are more numerous and wider.			
248.2'	286'	ANDESITE From 248.2' to 253' the core is well banded and silicified with banding at 60° to the core axis. Very thin pyrite seams are present. Vuggy section in the centre. From 253' to 286' several quartz veins occur and three of them are 24" wide and contain pink feldspar.			
286'	302'	ANDESITE Dark green schistic lava rock with very dark green mottles of elliptical shape and packed closely together and elongated and lined up at 60° to the core axis.			
	302'	END OF HOLE.			

SIGNED _____

Jack G. Willars
 JACK G. WILLARS, B. A. SC., P. ENG.
 CONSULTING MINING GEOLOGIST



S 39° W

4S 150'N

CONDUCTOR B

SURFACE

- 45°

OVERBURDEN

-100'

ANDESITE

PYRITE
SEAMS

-200'

302'

PROFILE SECTION D.D.H. 76-2

LOOKING EAST

DAVERICH MINERALS LTD.

GUIGUES TWP., QUE.

CLAIM 354478-2

SCALE: 1" = 40'

Apr. 4/76 J. Willars

JACK G. WILLARS

MINING GEOLOGIST
PROFESSIONAL ENGINEER

April 8, 1976.

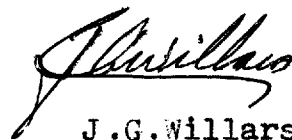
President and Directors
Daverich Minerals Ltd.
432 - 12 Richmond St. E.,
TORONTO, Ont.

Gentlemen :

D.D.H. No. 76 - 3 was drilled at minus 45° in a N 27°W direction to test the cause of Conductor C. The hole was completed at a depth of 325' and the core was all of andesite rocks containing disseminated fine grained magnetite. From 214' to 237' the core was a well altered reddish brown coloured fracture zone. The fracture zone is interpreted to be the cause of the electromagnetic conductor C, and the magnetite has produced the magnetic response. Nothing of economic interest was observed.

The drill is moved to the site of D.D.H. No. 76 - 4 to test the cause of Conductor E.

Yours truly,



J.G. Willars

DIAMOND DRILL LOG

D. D. HOLE NO. 76 - 3PROPERTY DAVERICH MINERALS LTD.

PAGE 1

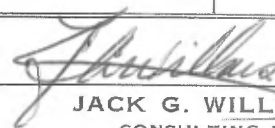
LOCATION Guigues Twp., Que. 354479-2

TEST

DEPTH OF HOLE 325'COLLAR: LAT. 200° NSTARTED April 5, 1976DEPT. 22 WCOMPLETED April 7, 1976.ELEV. SurfaceDRILLED BY Morissette D. J.BEARING N. 27° WCORE SIZE AXWLDIP minus 45°

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE LENGTH	ASSAY RESULT
0	150'	CASING Clay - boulder at 130'.			
150'	214'	ANDESITE Fine grained to medium grained, dark green coloured rock with scattered sparse pyrite specks and minor fracturing. Disseminated fine grained magnetite homogeneously spaced. Minor white quartz-carbonate veinlets.			
214'	237'	ALTERED FRACTURE ZONE At 214' - 6" breccia with quartz and red hematite. Very soft rock, medium grained, reddish brown colour, vuggy and with quartz stringers.			
237'	325'	ANDESITE Medium grained sections alternating with coarse grained sections of dark green lava rocks. Granular and with specks of pyrite and some brilliant green fuchsite. Disseminated fine grained magnetite scattered homogeneously. At 237' to 240' banding at 60° to the core axis - specks of pyrite. At 258' to 259' Vuggy and with white quartz. At 307'-309' Well banded section with pyrite cubes.			
	325'	END OF HOLE.			

SIGNED



 JACK G. WILLARS, B. A. SC., P. ENG.
 CONSULTING MINING GEOLOGIST

22W, 100'S

N 27° W

CONDUCTOR C

SURFACE

-45°

OVERBURDEN

-100'

ANDESITE

WITH

ALTERED FRACTURE ZONE

DISSEMINATED

MAGNETITE

-200'

325'

PROFILE SECTION D.D.H. 76-3

LOOKING WEST

DAVERICH MINERALS LTD.

GUIGUES TWP., QUE.

CLAIM 354479-1

SCALE: 1" = 40'

J. G. Willars
J. G. WILLARS

APRIL 8, 1976

JACK G. WILLARS
CONSULTING MINING GEOLOGIST
PROFESSIONAL ENGINEER

April 14, 1976.

President and Directors
Daverich Minerals Ltd.
432 - 12 Richmond St. E.
TORONTO, Ont.

Gentlemen :

D.D.H. No. 76 - 4 was drilled at minus 45° in a S 26°E direction to test the cause of Conductor E. The hole was completed at a depth of 302' and the core was all feldspar porphyry with the exception of 18' of amygdaloidal lava from 149' to 167'. Fractures with seams of pyrite were observed at 175' to 176' and this was interpreted to be the cause of the conductor. Nothing of economic interest was observed.

The next site to be tested by D.D.H. No. 76 - 5 is Conductor G.

Yours truly,



J.G. Willars

DIAMOND DRILL LOG

D. D. HOLE NO. 76 - 4PROPERTY DAVERICH MINERALS LTD.

PAGE 1

LOCATION Quigues Twp., Que. 354475-2

TEST

DEPTH OF HOLE 302'COLLAR: LAT. 200' NSTARTED April 9, 1976.DEPT. 22 ECOMPLETED April 12, 1976ELEV. SurfaceDRILLED BY Morissette D.D.BEARING S 26° ECORE SIZE AQWLDIP minus 45°

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE LENGTH	ASSAY RESULT
0	40'	CASING Clay and sand.			
40'	149'	FELDSPAR PORPHYRY Well formed squarish white feldspar phenocrysts up to $\frac{1}{4}$ " size in fine grained dark coloured matrix with disseminated accessory pyrite. Hard rock. From 136' to 149' is a fine grained altered contact zone. The contact is sharp at 75° to the core axis. At 146', 146.5' there is a 1" wide breccia with mud from 146' to 147' is fractured with red hematite on the fracture planes.			
149'	167'	AMYGDALOIDAL LAVA Medium grained white feldspar amygdules in medium green coloured rock. Sparse irregular shaped 3/16" white amygdules. Ghosty banding at 75° to the core axis.			
167'	302'	FELDSPAR PORPHYRY Dark green matrix with rough shaped feldspar phenocrysts at 175' to 176'. Well fractured with vuggy sections and pyrite seams. Minor sparse chalcopyrite specks.			
	302'	END OF HOLE.			

SIGNED



 JACK G. WILLARS, B. A. SC., P. ENG.
 CONSULTING MINING GEOLOGIST

S 26° E

22 E, 200' N

CONDUCTOR E

SURFACE

-45°

OVERBURDEN

FELDSPAR

PORPHYRY

LAVA

AMYGDALOIDAL

FRACTURES WITH
PYRITE SEAMS

FELDSPAR

PORPHYRY

-100'

-200'

302'

PROFILE SECTION D.D.H. 76-4

LOOKING EAST

DAVERICH MINERALS LTD.

GUIGUES TWP., QUE.

CLAIM 354475 - 2

SCALE: 1" = 40'

J. G. Willars

J. G. WILLARS

APRIL 17, 1976

JACK G. WILLARS
CONSULTING MINING GEOLOGIST
PROFESSIONAL ENGINEER

April 17, 1976.

President and Directors
Daverich Minerals Ltd.
432 - 12 Richmond St. E.
TORONTO, Ont.

Gentlemen :

D.D.H. No. 76 - 5 was drilled at minus 45° in a S 70°W direction to test the cause of Conductor G. The hole was completed at a depth of 302' and the core was totally of feldspar porphyry except for an inclusion of altered andesite from 240' to 258'. The porphyry rocks were brecciated and vuggy and three massive pyrite seams were observed. Any of these features could have caused the Conductor. Nothing of economic significance was observed.

D.D.H. No. 76 - 6 is to test the cause of Conductor F next.

Yours truly,


J.G. Willars

DIAMOND DRILL LOG

D. D. HOLE NO. 76 - 5

PROPERTY DAVERICH MINERALS LTD.

PAGE 1

LOCATION Guigues Twp., Que. 354476-2

TEST

DEPTH OF HOLE 302'
STARTED April 14, 1976.

COLLAR: LAT. 2001 S

COMPLETED April 16, 1976.

DEPT. 2 S

DRILLED BY Morissette D.D.

ELEV. Surface

CORE SIZE AQWL

BEARING minus 45°

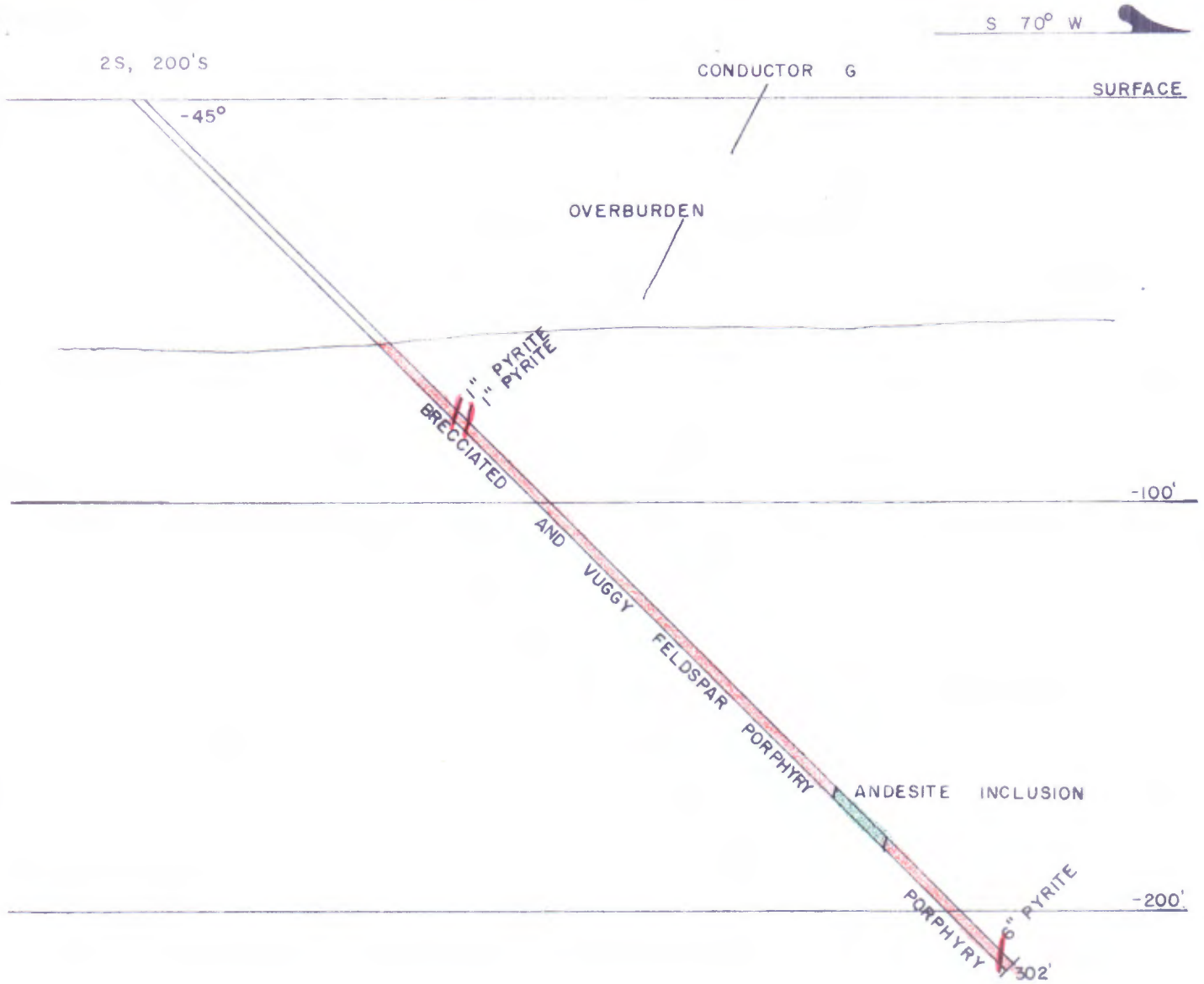
DIP _____

FROM	TO	DESCRIPTION	SAMPLE NO.	CORE LENGTH	ASSAY RESULT
0	86'	CASING Clay and sand			
86'	240'	PORPHYRY Hard, acid rock - 5% vuggy and severely fractured and brecciated. At 108' and 113', 1" massive pyrite seams. Squarish white and pink feldspar in pinkish grey fine grained matrix.			
240'	258'	ALTERED ANDESITE Inclusion of andesite in the porphyry which is silicified and porphyrized and with quartz veins.			
258'	302'	PORPHYRY Squarish white and pink feldspar phenocrysts in a dark fine grained matrix with a medium degree of fracturing. At 298', 6" of quartz vein with 50% massive pyrite.			
	302'	END OF HOLE.			

SIGNED _____

J. G. Willars
JACK G. WILLARS, B. A. SC., P. ENG.
CONSULTING MINING GEOLOGIST





PROFILE SECTION D. D. H. 76-5
LOOKING SOUTH

DAVERICH MINERALS LTD.

GUIGUES TWP., QUE.

CLAIM 354476-2

SCALE: 1" = 40'

J. G. Willars
J. G. WILLARS

APRIL 17, 1976

JACK G. WILLARS
CONSULTING MINING GEOLOGIST
PROFESSIONAL ENGINEER

April 23, 1976

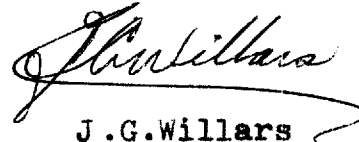
President and Directors
Daverich Minerals Ltd.
432 - 12 Richmond St. E.
TORONTO, Ont.

Gentlemen :

D.D.H. No. 76 - 6 was drilled in a S 30° W direction to test the cause of Conductor F. The hole was completed at a depth of 302'. Overburden was 148', feldspar porphyry from 148' to 235', and quartz porphyry from 235' to 302'. Accessory pyrite and minor chalcopyrite were disseminated throughout the core. A sample, characteristic of the rocks, was taken from 270' to 275' which assayed trace amounts of gold and 0.03% copper over 5.0'. At 225' to 235' the core was well fractured and sheared and this is interpreted to be the cause of the conductor. Economic values were not obtained in these rocks.

D.D.H. No. 76 - 7 is to test Conductor I next.

Yours truly,


J.G. Willars

DIAMOND DRILL LOG

D. D. HOLE NO. 76 - 6

PROPERTY DAVERICH MINERALS LTD.

PAGE 1

LOCATION Guigues Twp., P.Q. 354476 - 2

TEST

DEPTH OF HOLE 302 1/2

COLLAR: LAT. 150° N

STARTED April 20, 1976.

DEPT. 2 W

COMPLETED April 23, 1976.

ELEV. Surface

DRILLED BY Morissette D.D.

BEARING S 30° W

CORE SIZE AQWL

DIP minus 45°

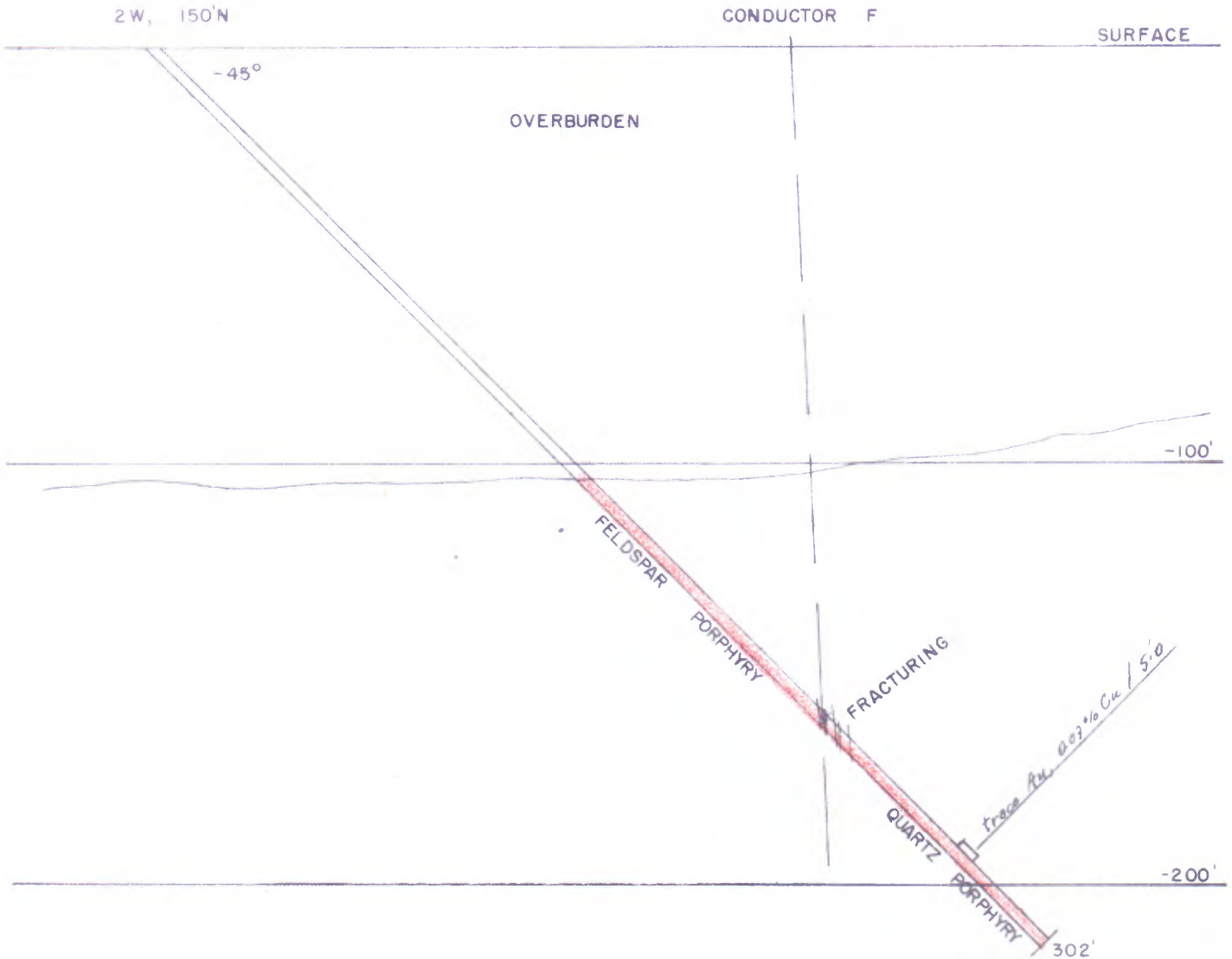
FROM	TO	DESCRIPTION	SAMPLE NO.	CORE LENGTH	ASSAY RESULT
0	148'	CASING Clay, sand and boulders			
148'	235'	<p>PELLOSPAR PORPHYRY</p> <p>Pink feldspar phenocrysts in a fine grained granitic matrix. It contains fine grained disseminated accessory pyrite. The top 20' is oxidized. From 225' to 235' is well fractured and vuggy. Banding at 80° to the core axis occurs from 225.5' to 226.5'.</p>			
235'	302'	<p>QUARTZ PORPHYRY</p> <p>1/8" clear blue quartz eyes and some pink feldspar phenocrysts in a grey siliceous matrix with accessory pyrite. 10% chlorite At 273' 3" quartz with sparse chalcopyrite at 30° to the core axis.</p> <p>SAMPLE : At 270' to 275' As above, characteristic of the core rock.</p>	2835	5'	trace Au 0.03% Cu
	302'	END OF HOLE.			

SIGNED _____

Jack G. Willars
 JACK G. WILLARS, B. A. SC., P. ENG.
 CONSULTING MINING GEOLOGIST



S 30° W



PROFILE SECTION D. D. H. 76-6
LOOKING EAST

DAVERICH MINERALS LTD.

GUIGUES TWP, QUE.

CLAIM 354476-2

SCALE: 1" = 40'

G. Willars
G. WILLARS

APRIL 23, 1976.



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 5958

DATE: April 23, 1976.

SAMPLE(S) OF: Core(1)

RECEIVED: April 23/76.

SAMPLE(S) FROM: J. G. Willars, Esq., Box 160, New Liskeard, Ont.

<u>Sample No.</u>	<u>Oz. Gold</u>	<u>% Copper</u>
2833	Trace	0.03

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 

JACK G. WILLARS
CONSULTING MINING GEOLOGIST
PROFESSIONAL ENGINEER

May 5, 1976.

President and Directors
Daverich Minerals Limited
432 - 12 Richmond St. E.
TORONTO, Ont.

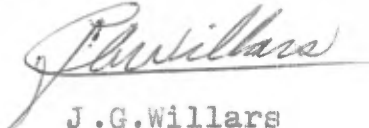
Gentlemen :

D.D.H. No. 76 - 7 was initially sited at B.L.,
14 E to drill S 24° W at minus 45° to test
Conductor I. It was abandoned at 101' when
heavy boulders were encountered and progress
was stopped.

The new site was 14 E, 400' S to drill N 24° E
at minus 45°. After 36' of clay, sand and boulders
the core was totally of academic granite to 302'.
At 228' a 1" massive pyrite vein was observed
and this is the Conductor. From 253' to 255'
was mild fracturing. Sparse disseminated pyrite
and very minor sparse chalcopyrite was seen in
the core.

D.D.H. No. 76 - 8 is to test Conductor H.

Yours truly,


J.G. Willars

DIAMOND DRILL LOG

D. D. HOLE NO. 76 - 7

PROPERTY DAVERICH MINERALS LTD.

PAGE 1

LOCATION Baby Twp., P.Q. 354472 - 2

TEST

DEPTH OF HOLE 302'

COLLAR: LAT. 400'S

STARTED May 3, 1976

DEPT. 14 E

COMPLETED May 5, 1976

ELEV. Surface

DRILLED BY Morissette D.D.

BEARING N 24° E

CORE SIZE AQWL

DIP minus 45°

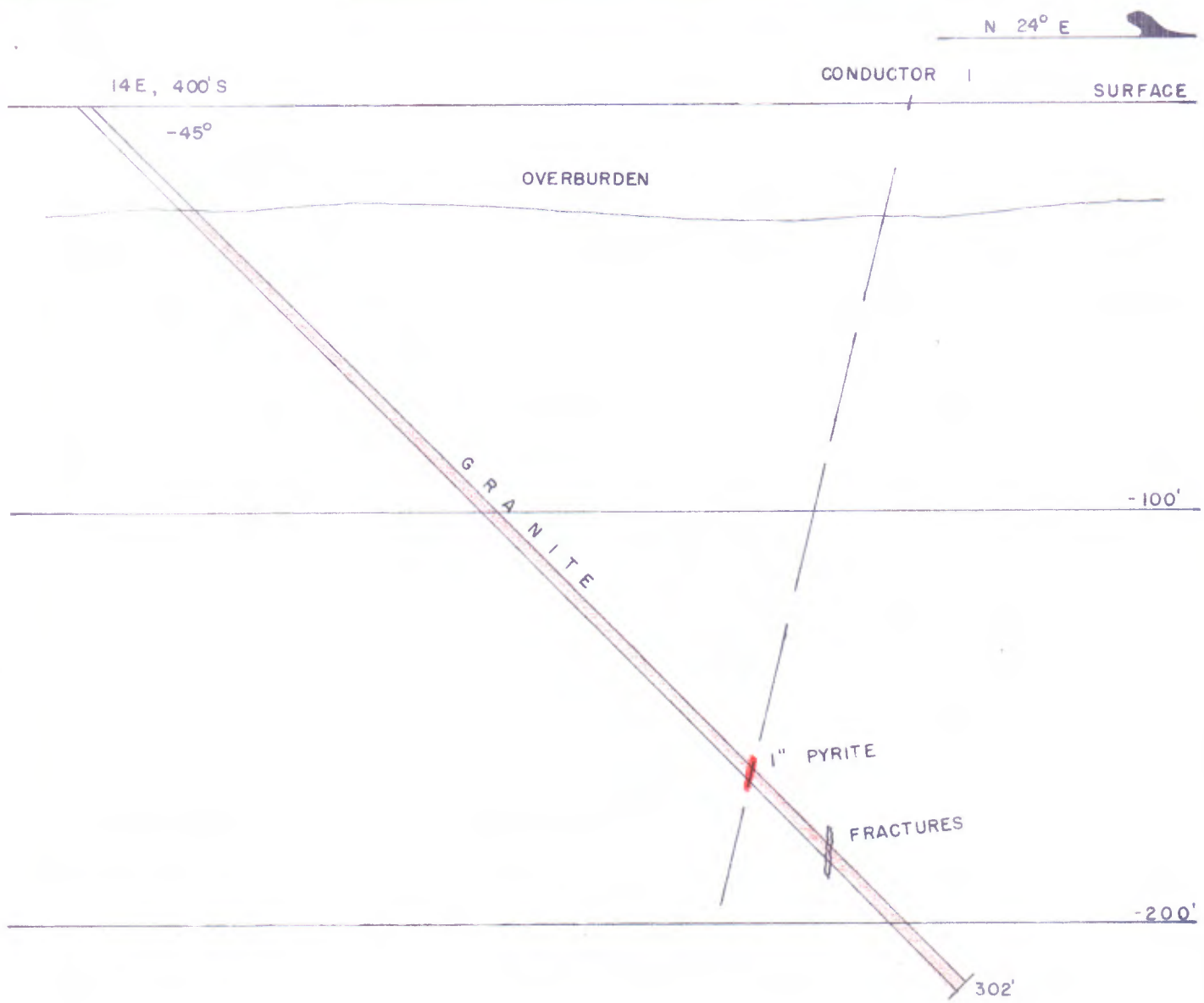
FROM	TO	DESCRIPTION	SAMPLE NO.	CORE LENGTH	ASSAY RESULT
0	36'	CASING Clay, sand and boulders.			
36'	302'	<p>GRANITE</p> <p>Reddish, medium grained to coarse grained academic granite phasing to greyish sections and porphyritic sections. Some sections of the core are yellowish feldspar alteration.</p> <p>At 228' 1" massive pyrite slightly fractured and cemented.</p> <p>From 253' to 255' mildly fractured granite</p> <p>The last few inches of core have scattered pyrite and a few specks of chalcopyrite. At 289' - specks of chalcopyrite.</p> <p>Sparse fine grained red hematite stain.</p>			
	302'	END OF HOLE.			
<p>Abandoned hole at Base Line, 14 E to drill at minus 45° in a S 24° W direction encountered 0 - 68' clay and sand, 68' - 101' boulders.</p> <p>Core of all the holes is stored at top of outcrop beside bushroad 600' east of highway Lot 8, Range IX, Guigues Twp., P.Q.</p>					

SIGNED



JACK G. WILLARS, B. A. SC., P. ENG.
CONSULTING MINING GEOLOGIST





PROFILE SECTION D.D.H. 76-7

LOOKING WEST

DAVERICH MINERALS LTD.

BABY TWP, QUE.
CLAIM 354 472 - 2

SCALE : 1" = 40'

G. Willars
G. WILLARS

MAY 5, 1976.

JACK G. WILLARS
CONSULTING MINING GEOLOGIST
PROFESSIONAL ENGINEER

May 17, 1976.

President and Directors
Daverich Minerals Limited
432 - 12 Richmond St. E.
TORONTO, Ont.

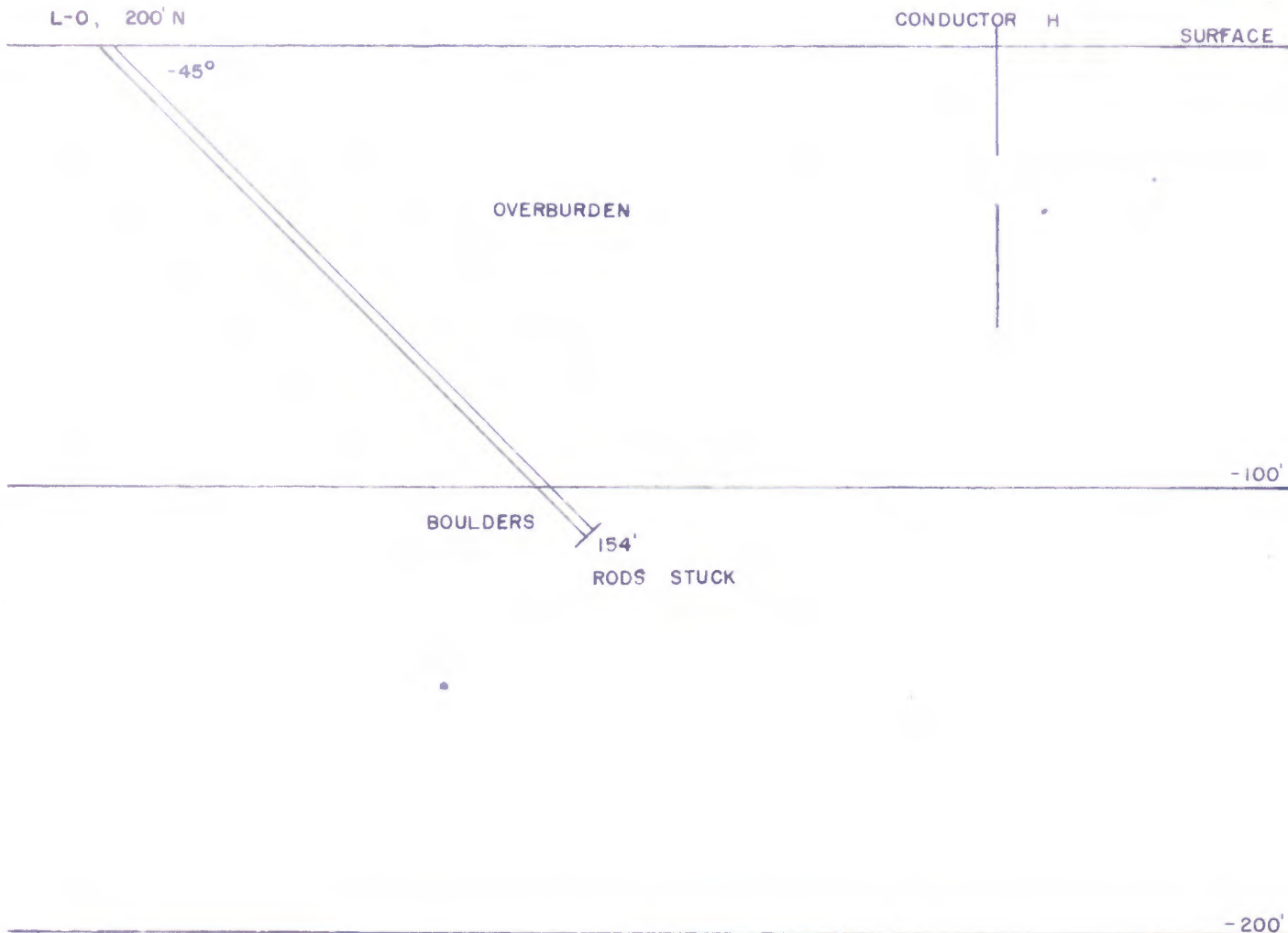
Gentlemen :

D.D.H. No. 76 - 8 was sited at L - 0, 200' N to drill S 24°W at minus 45° to test Conductor H. A drill thickness of 154' of overburden was encountered and the rods stuck at this point preventing further progress. Based on the events of nearby abandoned hole 76 - 7 and the results of 76 - 7, it was decided to abandon this hole. None of the drilling during the recent project produced encouraging results and the program is now terminated.

Yours truly,


J.G. Willars

S 24° W



PROFILE SECTION D.D.H. 76-8
LOOKING EAST

DAVERICH MINERALS LTD.
BABY TWP, QUE.
CLAIM 354472 - 1

SCALE: 1" = 40'

J. G. Willars
J. G. WILLARS

MAY 13, 1976