010

Diamond D.

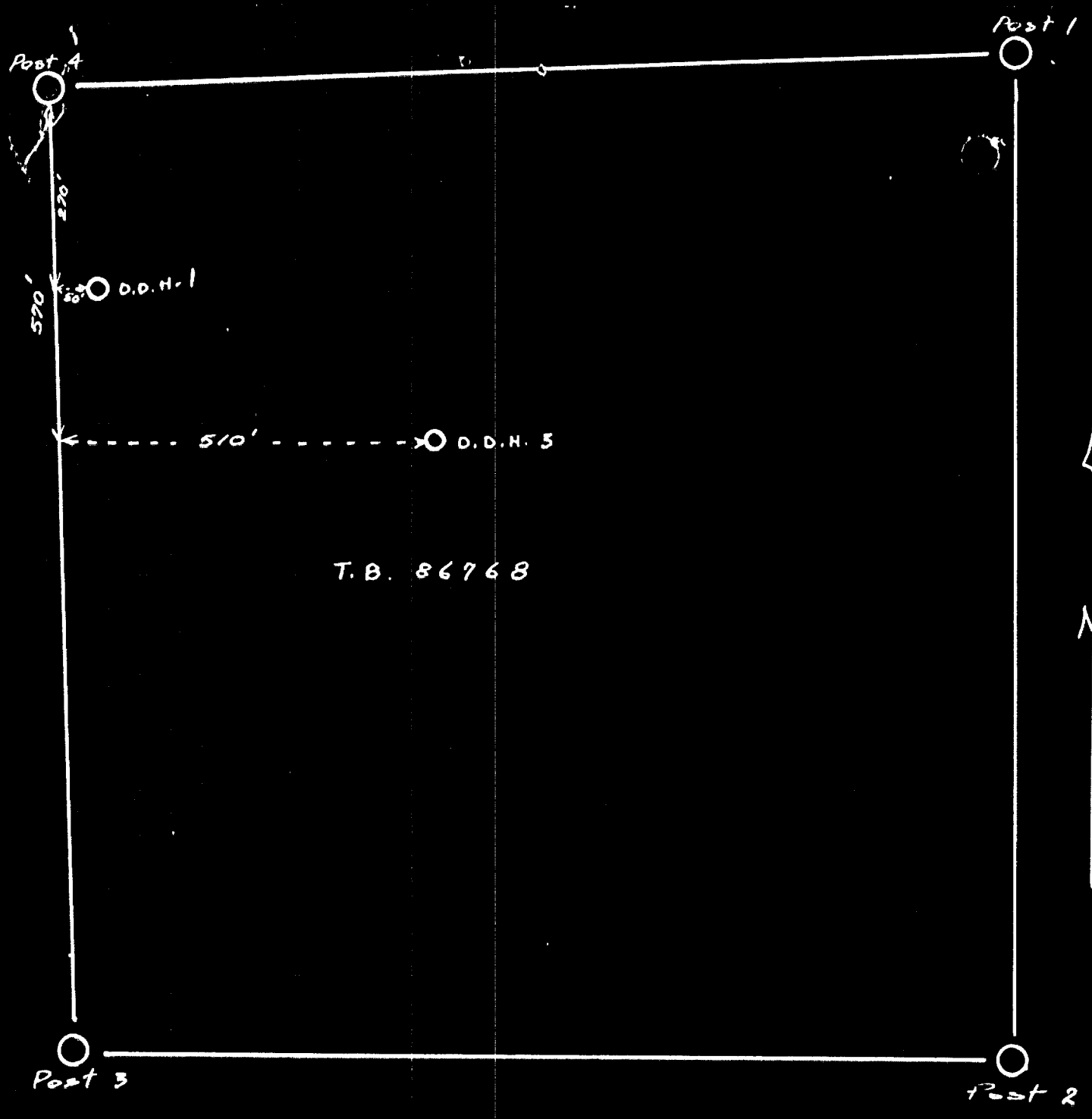
Township of PRISKE
(Formerly Twp. 84)

Report Nº: 11

Work performed by: Elwood Mining Exploration Co. Ltd.

Claim Nº	Hole Nº	Footage	Date	Note
TB 86768	1	285.0'	Dec/57	
	3	304.0'	Jan/58	

Notes:



Sketch showing location of Holes 1 and 3 in relation to claim posts

Scale: 1 inch = 200 feet.

February 10th, 1958

Lt.Colonel Gustave H.Rainville, President
Elwood Mining Exploration Co.Ltd.
Suite 1 - 2
1121 Sherbrooke St.West
MONTREAL, Que.

RE:- Diamond Drilling Results
Schreiber Project, Ont.

Dear Sir:-

You will find attached hereto the logs covering all the diamond drilling executed to date on your mining property located astride the boundary between townships 84 and 85, Thunder Bay District, Port Arthur Mining Division, Province of Ontario.

This drilling totalled 1,507 feet altogether made up as follows:

Hole No.1..... 285 ft.
" No.2..... 517
" No.3..... 304
" No.4..... 401

and, was done to probe certain interesting zones which were first indicated by an airborne electromagnetic survey, then by a ground electromagnetic survey and, subsequently, were found to be due to sulphide mineralization. In fact, this ground had originally been staked by your company because the airborne electromagnetic survey had yielded the strongest anomaly at that location in an area of 225 square miles covered by the survey.

Elwood Mining Exploration Co.Ltd. (Cont'd)

In their report of January 15th, 1957 covering the results of their airborne electromagnetic survey, Aerophysics of Canada Limited reported two zones ("F" and "G") of exceptionally high amplitude located respectively to the west and east of the south end of Walker Lake, about one mile northwest of the Town of Schreiber,Ont. These two zones consisted respectively of the following anomalies with corresponding strength:

ZONE	ANOMALY	RELATIVE AMPLITUDE
"F"	16A	1.7
	17A	1.0
"G"	16B	0.4
	15A	0.8

These anomalies will be found by reference to Drawing No.F-991 attached to Aerophysics' report mentioned above.

Following acquisition of the ground by staking, a ground electromagnetic survey was carried out by McPhar Geophysics Limited to pin-point the electromagnetic anomalies more accurately prior to diamond drilling. This work which was executed in July 1957 was followed in August by a detailed geological mapping of all the outcrops and, a careful examination of the mineralization encountered in this work. As a result, it was found that Zone "G" was due to massive pyrrhotite mineralization extending for a distance of 1,600 ft. in an east-west direction across the property. With the exception of very slight chacopyrite mineralization, no surface clue could be found to explain the unusual strength of Zone "F".

Both zones have now been drilled to a conclusion as to the possibilities of finding a mine on this property with reasonable expenditures. Three holes were drilled across Zone "G" at 400-foot intervals and, one hole, No.2, across Zone "F". Altogether, 10 samples of the core were taken

Elwood Mining Exploration Co.Ltd. (Cont'd)

wherever sufficient sulphide mineralisation was exposed. These samples, which were assayed for gold, silver, copper, zinc and nickel, were taken at the following core sections, and yielded the following corresponding results:

DIAMOND DRILLING SAMPLING AND RESULTS

HOLE No.	SECTION	WIDTH (Ft.)	AU. Oz/ton	AG. Oz/ton	CU. (%)	ZN. (%)	NI. (%)
1	199.0 to 207.7	8.7	Nil	Nil	Nil	Nil	Nil
	207.7 to 212.7	5.0	Nil	Nil	Nil	Nil	Nil
	212.7 to 217.7	5.0	Nil	0.20	Nil	Nil	Nil.
	217.7 to 225.7	8.0	Nil	Nil	Nil	Nil	Nil
	225.7 to 227.2	1.5	Nil	Nil	Nil	Nil	Nil
	227.2 to 232.7	5.5	Nil	Nil	Nil	Nil	Nil
	232.7 to 237.7	5.0	Nil	Nil	Nil	Nil	Nil
2	256.0 to 260.3	4.3	Nil	Nil	Nil	Nil	Nil
3	229.6 to 238.9	9.3	Nil	Nil	Trace	Nil	Nil
	282.5 to 286.9	4.4	Nil	Nil	--	--	--

The best mineralised section was obtained in Hole No.1 where a core length representing almost true width of 39 feet exhibited first 8.7 ft. of nearly massive pyrite followed by banded quarts and pyrrhotite with some scattered pyrite. The same zone was traced 400 ft. to the east where, in hole No.3, 9.3 feet of massive pyrrhotite were cut. However, Hole No.4, drilled 400 ft. west of Hole No.1 failed to cut important mineralization. These three holes, Nos.1, 3 and 4 were drilled on the "G" Zone of the airborne survey.

Hole No.2 was intended to probe Zone "F" of the airborne survey and also the downward behavior of some slight chalcopyrite mineralization found at the surface near a conductive zone corresponding in part with a crystalline limestone. Some limestone was cut in the hole but not where it was expected and, the mineralization encountered was poor consisting

Elwood Mining Exploration Co.Ltd. (Cont'd)

of disseminated pyrite with a few very narrow bands of pyrrhotite.

CONCLUSIONS AND RECOMMENDATIONS

Surface work and diamond drilling have confirmed the opinion generally held by the geophysical contractors that the anomalies making Zone "G" were due to sulphide mineralization. In our own opinion, sufficient sulphide mineralization has been encountered in the drilling to explain these anomalies.

On the other hand, nothing has been found, either in surface work or, in diamond drilling to explain the strong anomalies constituting Zone "F".

The sulphide mineralization found, either at the surface or in diamond drilling, has been carefully sampled and assayed for base metals. This sulphide mineralization was found to contain no copper, zinc or nickel and, no gold or silver.

In view of the foregoing results, I find no further justification for spending additional money in the exploration of this property. I, therefore, recommend that it be allowed to lapse to conserve funds for more promising mining ventures.

Respectfully submitted

L.Germain, P.Eng.

PROFESSIONAL ENGINEER
LEONARD GERMAIN
PROVINCE OF QUEBEC

Diamond Drill Record

PROPERTY Elwood (Schreiber Area)

COMPANY ELWOOD MINING EXPLORATION CO. LTD.

HOLE No. 1 PROJECT No.

SHEET NUMBER 1 of

BEARING N - S

STARTED Dec.1/57

LATITUDE 23 + 80 N

DIP at Collar (Angle - 45o)

COMPLETED Dec. 6/57

DEPARTURE L-12 W

at

PROPOSED DEPTH

ELEVATION

at

at

at

ULTIMATE DEPTH 285.0

Footage From	Footage To	Sample No.	Sample Width	Assays for	Formation and Remarks
0.0	87.0				Casing.
87.0	106.0				Rhyolite - Black fine grained dense mineralized with disseminated crystals and nodules of pyrite 95.3 - 99.5 brecciated section with angular fragments up to 1½ inches in diameter of pyrite. A few very narrow graphitic shear planes at 60° to core axis. 103.7 - 104.3 grey quartz felspar porphyry.
106.0	110.4				Porphyry - Light grey - massive - with quartz and feldspar crystals - some fine disseminated pyrite. Upper contact @ 45° - lower 60° to core axis.
110.4	112.1				Rhyolite - As from 87.0 - 95.3. Some disseminated pyrite.
112.1	127.5				Fragmental volcanics - generally dark grey fine to medium grained - fragments of rhyolite, andesite and porphyry some scattered nodules of pyrite. Occasional pink calcite injection some chloritization. 126.5 - 127.5 brecciated.
127.5	135.1				Porphyry - Light pinkish grey to grey, massive occasional fracturing @ 45o - 80o to core axis - some fine disseminated pyrite - occasional pyrrhotite.

PROFESSIONAL ENGINEER
LEONARD GERMAIN
PROVINCE OF QUEBEC

R.D. 2M-21040

Drilled by Boyles Bros. Drilling (Eastern) Ltd.

Logged by J.O. Stewart

Diamond Drill Record

PROPERTY Elwood (Schreiber Area)

COMPANY ELWOOD MINING EXPLORATION CO. LTD.

HOLE No. 1 PROJECT No.

SHEET NUMBER 2 of

BEARING N - S

STARTED Dec. 1/57

LATITUDE 23 + 80 N

DIP at Collar (Angle -45o)

COMPLETED Dec. 6/57

DEPARTURE L-12 W

at

PROPOSED DEPTH

ELEVATION

at

at

at

ULTIMATE DEPTH 285.0

Footage From	Footage To	Sample No.	Sample Width	Assays for Cu.%	Zn %	Au-Oz.	Ag-Oz.	Ni-%	Formation and Remarks
135.1	136.1								Shale - black, dense chloritized and silicified some fine disseminated graphite and pyrite.
136.1	144.0								Porphyry - dark grey massive. Fine disseminated pyrite throughout.
144.0	181.2								Shale - silicified and chloritized as above graphitic - fine disseminated pyrite throughout occasional large crystal.
181.2	193.0								Porphyry - light grey, medium grained - upper contact @ 45° - lower normal to core axis.
193.0	199.0								Shale - as above.
199.0	207.7	36	8.7'	Nil	Nil	Nil	Nil	Nil	Sulphides - nearly massive pyrite - possibly some marcasite - a few small siliceous injection
207.7	240.1	37	5.0' 207.7-212.7	Nil	Nil	Nil	Nil	Nil	Iron formation - interbanded milky quartz and pyrrhotite with some scattered pyrite.
		38	5.0' 212.7-217.7	Nil	Nil	Nil	0.20 (18 cts)	Nil	209.5 - 210.2 pyrrhotite) with some 211.6 - 213.4 ") pyrite
		39	8.0' 217.7-225.7	Nil	Nil	Nil	Nil	Nil	214.1 - 215.3 ") in bands 216.3 - 217.7 ") and scattered
		40	1.5' 225.7-227.2	Nil	Nil	Nil	Nil	Nil	220.3 - 222.1 ") crystals. 223.0 - 223.5 ")
		41	5.5' 227.2-232.7	Nil	Nil	Nil	Nil	Nil	225.7 - 227.0 ")
		42	5.0' 232.7-237.7	Nil	Nil	Nil	Nil	Nil	232.6 - 236.6 narrow bands of pyrrhotite in slate and siliceous material. 236.6 - 240.1 disseminated pyrrhotite.

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PROVINCE OF QUEBEC

R.D. 2M-21040

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Logged by J.O. Stewart

Diamond Drill Record

PROPERTY Elwood (Schreiber Area)

COMPANY ELWOOD MINING EXPLORATION CO. LTD.

HOLE No. 1

PROJECT No.

SHEET NUMBER 3 of

BEARING N- S

STARTED Dec. 1/57

LATITUDE 23 + 80 N

DIP at Collar (Angle -45o)

COMPLETED Dec. 6/57

DEPARTURE L-12 W

at

PROPOSED DEPTH

at

ELEVATION

at

ULTIMATE DEPTH 285.0

Footage From	Footage To	Sample No.	Sample Width	Assays for	Formation and Remarks
240.1	285.0				Agglomerate - light to dark grey siliceous mottled - some included slate. 285.0 end of hole.

PROFESSIONAL ENGINEER
LEONARD GERMAIN
PROVINCE OF QUEBEC

R.D. 2M 21040

Drilled by Boyles Bros. Drilling (Eastern) Ltd.

Logged by J.O. Stewart

Diamond Drill Record

PROPERTY Schreiber Claims

COMPANY ELWOOD MINING EXPLORATION CO. LTD.

HOLE No. 3 PROJECT No.

SHEET NUMBER 1 of BEARING STARTED Jan. 4/58

LATITUDE 21 + 70 North DIP at Collar Vertical COMPLETED Jan. 10/58

DEPARTURE Line 8 W at PROPOSED DEPTH 304.0

ELEVATION at ULTIMATE DEPTH 304.0

Footage From	Footage To	Sample No.	Sample Width	Assays for Ni	Ag.	Au.	Zn	Cu	Formation and Remarks
0.0	40.0								Casing.
40.0	229.6								Syenite - greyish pink, medium to coarse grained well fractured at all angles to core axis - some short chloritic sections - fractures filled with quartz and carbonate - some disseminated pyrite throughout.
229.6	238.9	64	9.3	Nil	Nil	Nil	Nil	Traces	Sulphides - mainly massive pyrrhotite - with a few nodules and veinlets of pyrite - occasional small quartz and black cherty fragment.
238.9	249.0								Brecciated zone - grey fine grained - mostly fragments of milky quartz cemented together with dark grey chloritic material - some scattered pyrrhotite in bands and disseminations
249.0	256.0								Dike - grey fine to medium grained - somewhat porphyritic - fractured at all angles to core axis - fractures filled with black chloritic material containing disseminated pyrite.
256.0	304.0	65	4.4	—	Nil	Nil	—	—	Siliceous zone - iron formation. Highly fractured milky quartz with a few narrow bands of pyrite and pyrrhotite - some dark bands of chloritic material. 277.3-277.8 fine grained massive magnetite - 282.5-285.4 low grade magnetite with disseminated pyrrhotite. 286.1-287.5 low grade magnetite. 288.0-290.0 low grade magnetite 304.0 end of hole

PROFESSIONAL ENGINEER
LEONARD GERMAIN
PROVINCE OF QUEBEC

R D 2M 21040

Drilled by Boyles Bros. Drilling (Eastern) Ltd.

Logged by J.O. Stewart

010

Diamond Drilling

Township of KILLRAINE
(Formerly Twp. 85)

Report Nº: 10

Work performed by: Elwood Mining Exploration

Claim Nº	Hole Nº	Footage	Date	Note
TB 86763	2	517.0'	Dec/57	

Notes:

Diamond Drill Record

PROPERTY Elwood (Schreiber Area)

COMPANY ELWOOD MINING EXPLORATION CO. LTD. HOLE No. 2 PROJECT No.

SHEET NUMBER 1 BEARING N - S 4-1-204 STARTED Dec. 12/57

LATITUDE 4 + 50 N DIP at Collar (Angle - 45o) COMPLETED Dec. 17/57

DEPARTURE L-68 W at PROPOSED DEPTH

ELEVATION at ULTIMATE DEPTH 517.0

Footage From	Footage To	Sample No.	Sample Width	Assays for Cu.	Ni	Zn	Au	Ag	Formation and Remarks
0.0	5.0								Casing.
5.0	6.7								Syenite - grey, massive coarse grained lower contact @ 60° to core axis.
6.7	73.1								Greenstone - light to medium grey, dense fine to medium grained - generally massive - chloritic - a few quartz carbonate veinlets cutting core @ 45o to 60o to axis.
73.1	86.5								Syenite - pink and grey coarse grained massive - upper contact @ 45o lower @ 60o to core axis.
86.5	116.0								Greenstone - as above.
116.0	133.8								Syenite - grey coarse grained massive - some scattered pyrite crystals - upper contact @ 30o lower @ 50° to core axis.
133.8	143.2								Greenstone - as above.
143.2	256.0								Syenite - as above - upper contact normal lower @ 45° to core axis.
256.0	260.3	43	4.3'	Nil	Nil	Nil	Nil	Nil	Hornblende mica schist - dark grey, medium grained - banding @ 10° to 30° to core axis - some narrow garnetiferous sections - some disseminated pyrite with a few very narrow bands of pyrrhotite.

PROFESSIONAL ENGINEER
LEONARD GERMAIN
PROVINCE OF QUEBEC

R.D. 2M 21040

Drilled by Boyles Bros. Drilling (Eastern) Ltd.

Logged by J.O. Stewart

Diamond Drill Record

PROPERTY Elwood (Schreiber Area)

COMPANY ELWOOD MINING EXPLORATION CO. LTD.

HOLE No. 2 PROJECT No.

SHEET NUMBER 2 of

BEARING N - S

STARTED Dec. 12/57

LATITUDE 4 + 50 N

DIP at Collar (Angle - 45°)

COMPLETED Dec. 17/57

DEPARTURE L - 68 W

at

PROPOSED DEPTH

ELEVATION

at

at

at

ULTIMATE DEPTH 517.0

Footage From	Footage To	Sample No.	Sample Width	Assays for	Formation and Remarks
260.3	334.3				Greenstone - as above. 308.3-309.4 grey syenite.
334.3	340.9				Diabase - grey dense medium grained massive fine grained gradational contacts @ 45° to core axis. Some scattered pyrite.
340.9	344.3				Greenstone - as above.
344.3	369.3				Diabase - as above upper contact @ 50° lower @ 45° to core axis. 360.8-362.9 - lost core.
369.3	394.5				Greenstone - as above.
394.5	399.6				Limestone - light to medium grey - highly altered possibly impure limestone and siliceous shales- medium grained - bedding @ 20° - 40° to core axis - scattered bands of garnets - upper contact broken - lower @ 40° to core axis.
399.6	404.7				Greenstone - as above.
404.7	457.0				Syenite - as above with scattered grains of pyrite. Upper contact @ 60° lower normal to core axis.
457.0	517.0				Fragmental volcanics - medium to dark grey, medium grained - chloritized - numerous angular and rounded fragments up to 1.5 inches in diameter in a greyish chloritic cement. Flow lines @ 60° - 80° to core axis - several sections are porphyritic with milky feldspar crystals- possibly rhyolite porphyry.

PROFESSIONAL ENGINEER
LEONARD GERMAIN
PROVINCE OF QUEBEC

P.Q. 2M 21640

Drilled by Boyles Bros. Drilling (Eastern) Ltd.

Logged by J.O. Stewart

L. Germain

Diamond Drill Record

PROPERTY Elwood (Schreiber Area)

COMPANY ELWOOD MINING EXPLORATION CO. LTD.

HOLE No. 2

PROJECT No.

SHEET NUMBER 3 of

BEARING N - S

STARTED Dec. 12/57

LATITUDE 4 + 50 N

DIP at Collar (Angle - 45°)
at
at
at

COMPLETED Dec. 17/57

DEPARTURE L - 68 W

PROPOSED DEPTH

ELEVATION

ULTIMATE DEPTH 517.0

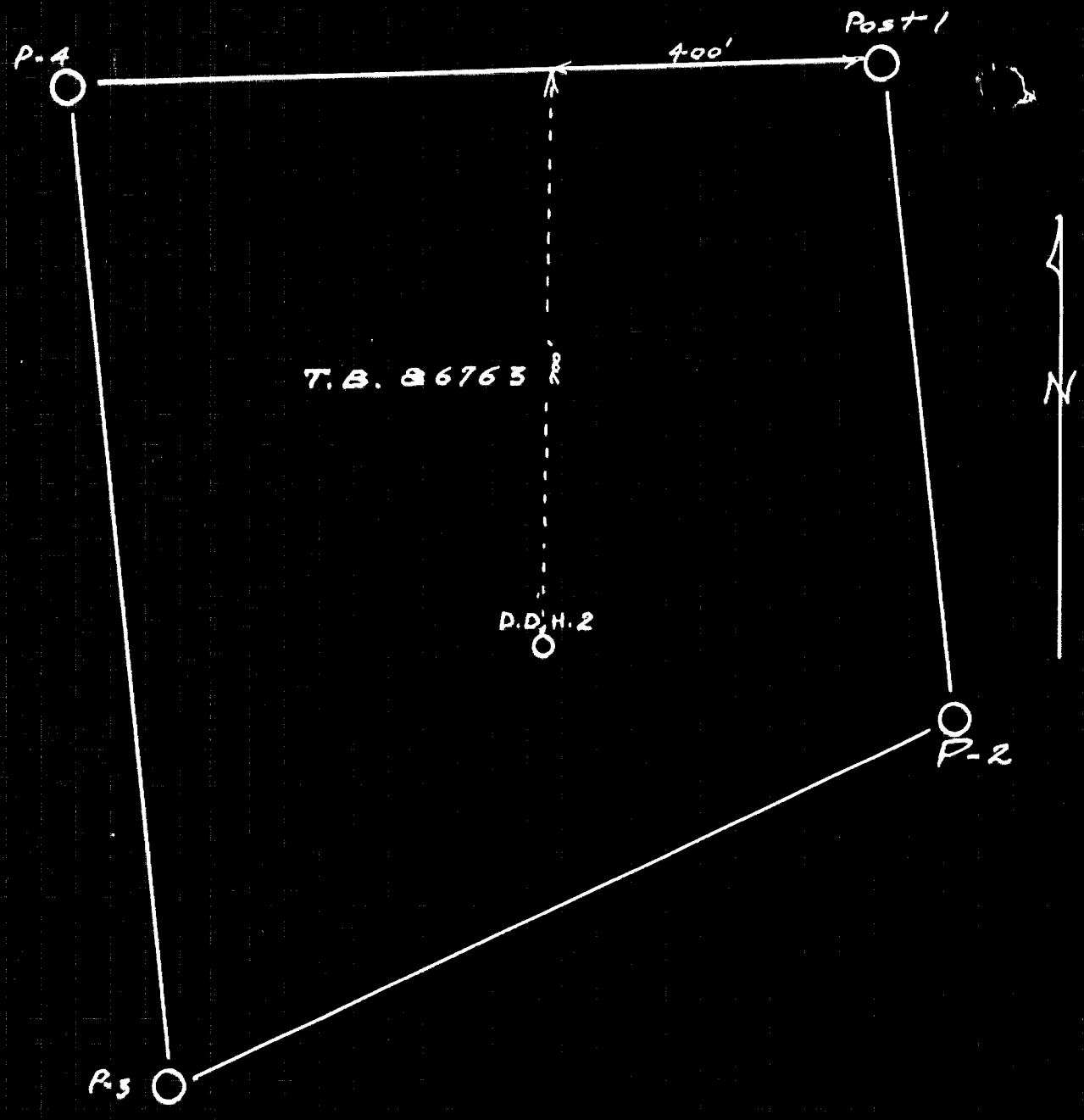
Footage From	Footage To	Sample No.	Sample Width	Assays for	Formation and Remarks
					510.5- 512.1 brecciated - fragments of volcanics in a quartz carbonate cement.
					517.0 end of hole.

PROFESSIONAL ENGINEER
LEONARD GERVAIN
PROVINCE OF QUEBEC

R.D. 2M 21040

Drilled by Boyles Bros. Drilling (Eastern) Ltd.

Logged by J.O. Stewart



Sketch showing location of Hole #2 in relation to claim posts.

Scale: 1 inch = 200 feet.

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Diamond Drilling

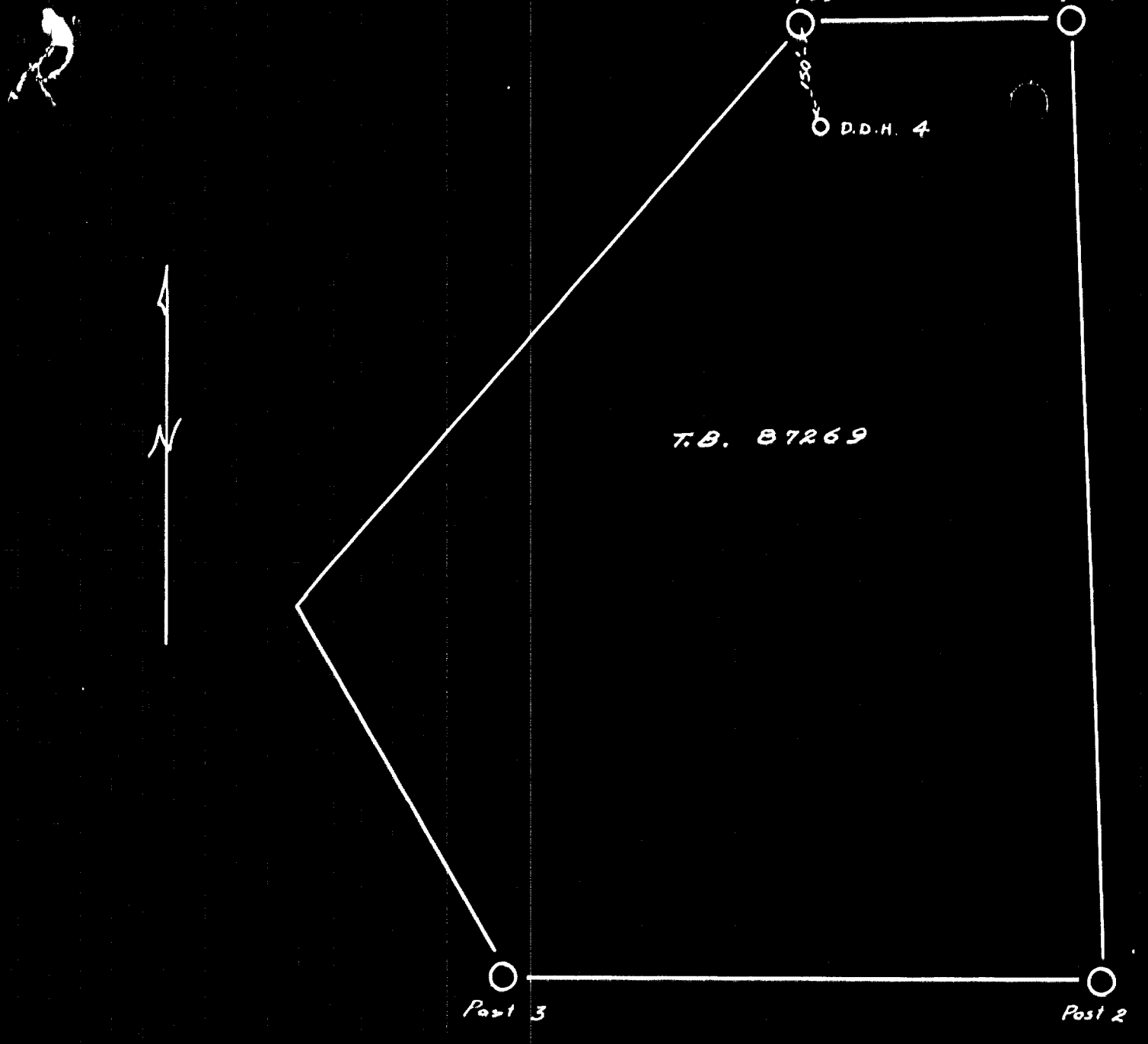
Township of PRISKE
(Formerly Twp.84)

Report Nº: 12

Work performed by: Elwood Mining Exploration Co. Ltd.

Claim Nº	Hole Nº	Footage	Date	Note
TB 87269	4	401.0'	Jan/58	

Notes:



Sketch showing location of
Hole 4 in relation to claim posts

Scale: 1 inch = 200 feet.

Diamond Drill Record

4-1-205

PROPERTY Schreiber

COMPANY ELWOOD MINING EXPLORATION CO. LTD.

HOLE No. 4 PROJECT No.

SHEET NUMBER 1 of

BEARING

STARTED Jan. 12/58

LATITUDE 25 + 10 N

DIP at Collar 90°

COMPLETED Jan. 18/58

DEPARTURE L - 16 W

at

PROPOSED DEPTH 401.0

ELEVATION

at

at

at

ULTIMATE DEPTH 401.0

Footage From	Footage To	Sample No.	Sample Width	Assays for	Formation and Remarks
0.0	50.0				Casing.
50.0	64.0				Andesite - light to medium grey, medium grained, well fractured at all angles to core axis - a few short syenitic intrusions - some fine pyrite along fractures.
64.0	70.9				Syenite - pinkish grey - coarse grained - massive contacts at 40° to core axis. 67.6-68.5 andesite.
70.9	183.5				Andesite - as above except many fractures filled with quartz carbonate material - others with fine pyrite. 155.0 - 183.5 brecciated - well fractured at all angles to core axes -fractures filled with pyrite.
183.5	197.2				Siliceous slates - black, fine grained, hard, graphitic in places - some graphite along shear planes and fractures which occur at all angles to core axis pyrite occurs as nodules and disseminations, some small carbonate veinlets.
197.2	220.0				Fragmental volcanics - light grey siliceous, brecciated and crushed - some quartz carbonate injections - scattered pyrite along fractures.
220.0	227.0				Siliceous slates - as above.
227.0	236.0				Fragmental volcanics - as above.

PROFESSIONAL ENGINEER
LEONARD GERMAIN
PROVINCE OF QUEBEC

P.D. 2M-21040

Drilled by Boyles Bros. Drilling (Eastern) Ltd.

Logged by J.O. Stewart

Diamond Drill Record

PROPERTY Schreiber

COMPANY ELWOOD MINING EXPLORATION CO. LTD.

HOLE No. 4 PROJECT No

SHEET NUMBER 2 of BEARING STARTED Jan. 12/58

LATITUDE 25 + 10 N DIP at Collar 90° COMPLETED Jan. 18/58

DEPARTURE L - 16 W at PROPOSED DEPTH 401.0

ELEVATION at ESTIMATED DEPTH 401.0

at

Footage From	Footage To	Sample No.	Sample Width	Assays for	Formation and Remarks
236.0	244.6				Acid dike - fine grained light greenish grey, chloritic somewhat porphyritic in places - contacts @ 45° to core axis.
244.6	257.0				Fragmental volcanics - as above.
257.0	293.0				Siliceous slates - as above except with a few sections of chloritized andesite.
293.0	313.7				Andesite - fine to medium grained basic - some fracturing dark grey - some disseminated pyrite throughout.
313.7	320.8				Siliceous slates - as above with some disseminated pyrite.
320.8	323.5				Pyrite - generally massive medium grained - considerable leaching.
323.5	345.0				Siliceous zone - interbedded milky quartz and chloritic light to dark grey volcanics - bedding from 40° - 60° to core axis. Some sections brecciated.
345.0	401.0				Andesite greenish grey - fine to medium grained - quite siliceous - some fracturing @ all angles to core axis. . A few quartz carbonate veinlets.
					401.0 end of hole.

PROFESSIONAL ENGINEER
LEONARD GERMAIN
PROVINCE OF QUEBEC

R.O. 2M 21040

Drilled by Boyles Bros. Drilling (Eastern) Ltd.

Logged by J.C. Stewart