

85-784

13992

10/86

Assessment Work Report  
on the  
Diamond Drilling Program  
carried out on the  
Grayrock Mining Property

Robin No. 1 - Record No. 25731  
Robin No. 2 - Record No. 25732

FILMED

near Goldbridge, B.C.  
Lillooet Mining Division  
92-J-15-E  
Longitude: 122° 42' W    Latitude: 50° 48' N

operated by

Levon Resources Ltd.  
455 Granville St.  
Vancouver, B.C.  
V6Z 1T1

by  
P.S. Friesen P. Eng.  
26 October 1985

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

13,992

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Diamond Drilling Program. Grayrock Mining Property owned by  
Levon Resources Ltd. near Goldbridge, B.C.

Lillooet Mining Division  
92-J-15-E

by  
P.S. Friesen P. Eng.  
26 Oct. 1985

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Purpose

The purpose of this drilling program was to determine the cause of three conductors found by surveys carried out by Westfrob in 1976.

Near the end of the program, the company engaged a dowser who predicted the presence of a vein 7 meters wide, 8 meters below surface, with 25 ounces of silver per ton and 3.5 per cent antimony in front of the shear cliff about 30 meters north of the portal. Geologically, the cliff could reflect the presence of a fault zone and the presence of realgar and orpiment in the face of the cliff suggested that the prediction should be checked. The fourth drill hole was spotted to check this possibility.

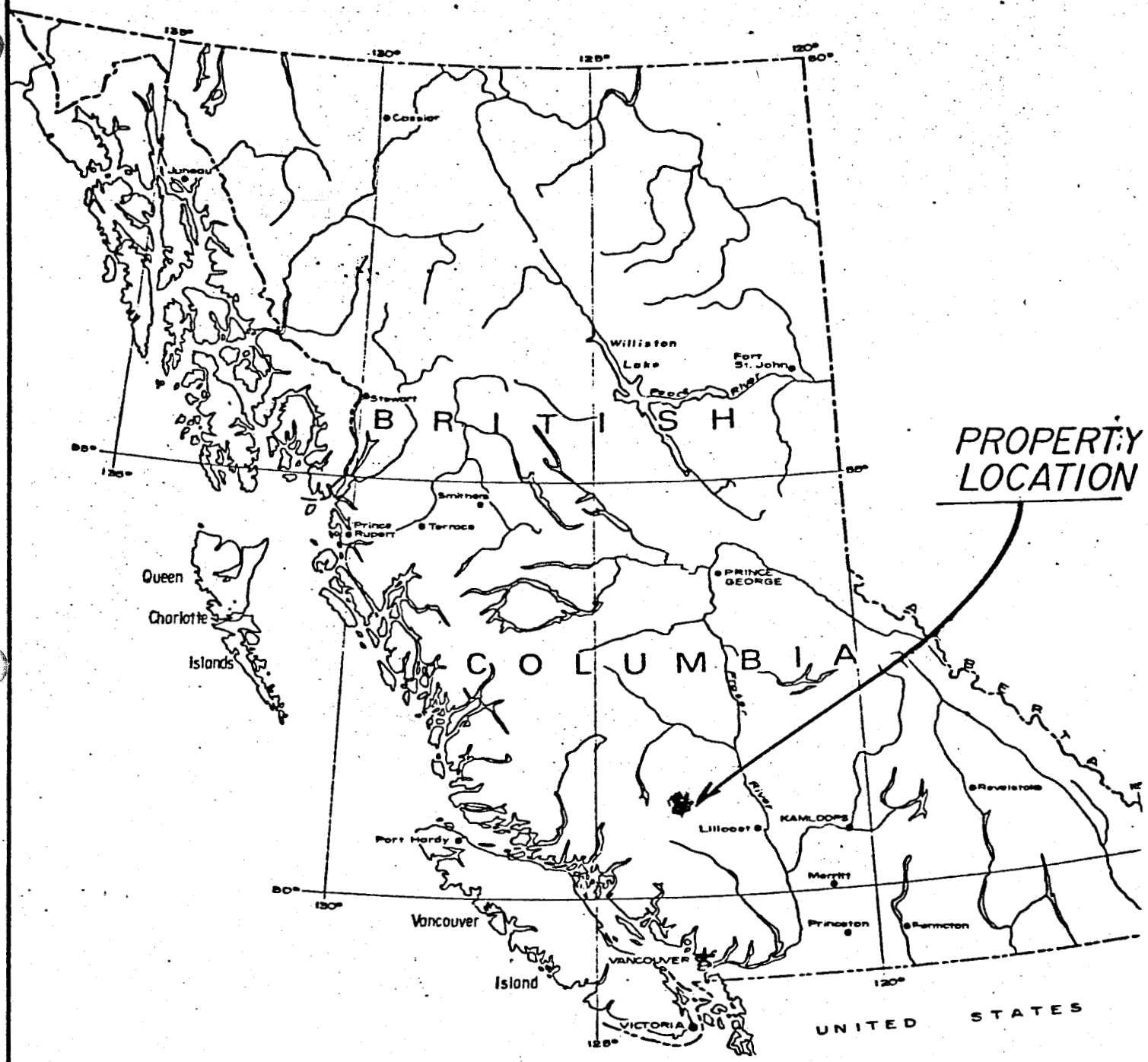
Property

The property consists of the following claims:

<u>Name</u>	<u>Record No's</u>	<u>No of Units</u>	<u>Expiry Date</u>
CM #1-2	882-883	2	August 15/85
Roy #1-4	28725-28728	4	June 3/85
Robin #1-6	22731-25736	6	October 13/85
Truax Gold	1874(10)	16	October 13/84

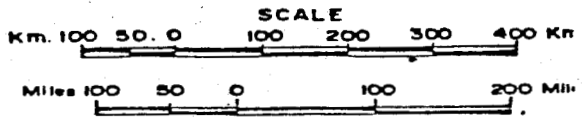
Property, Location and Means of Access

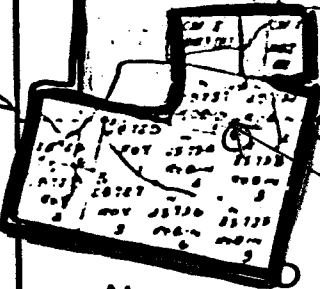
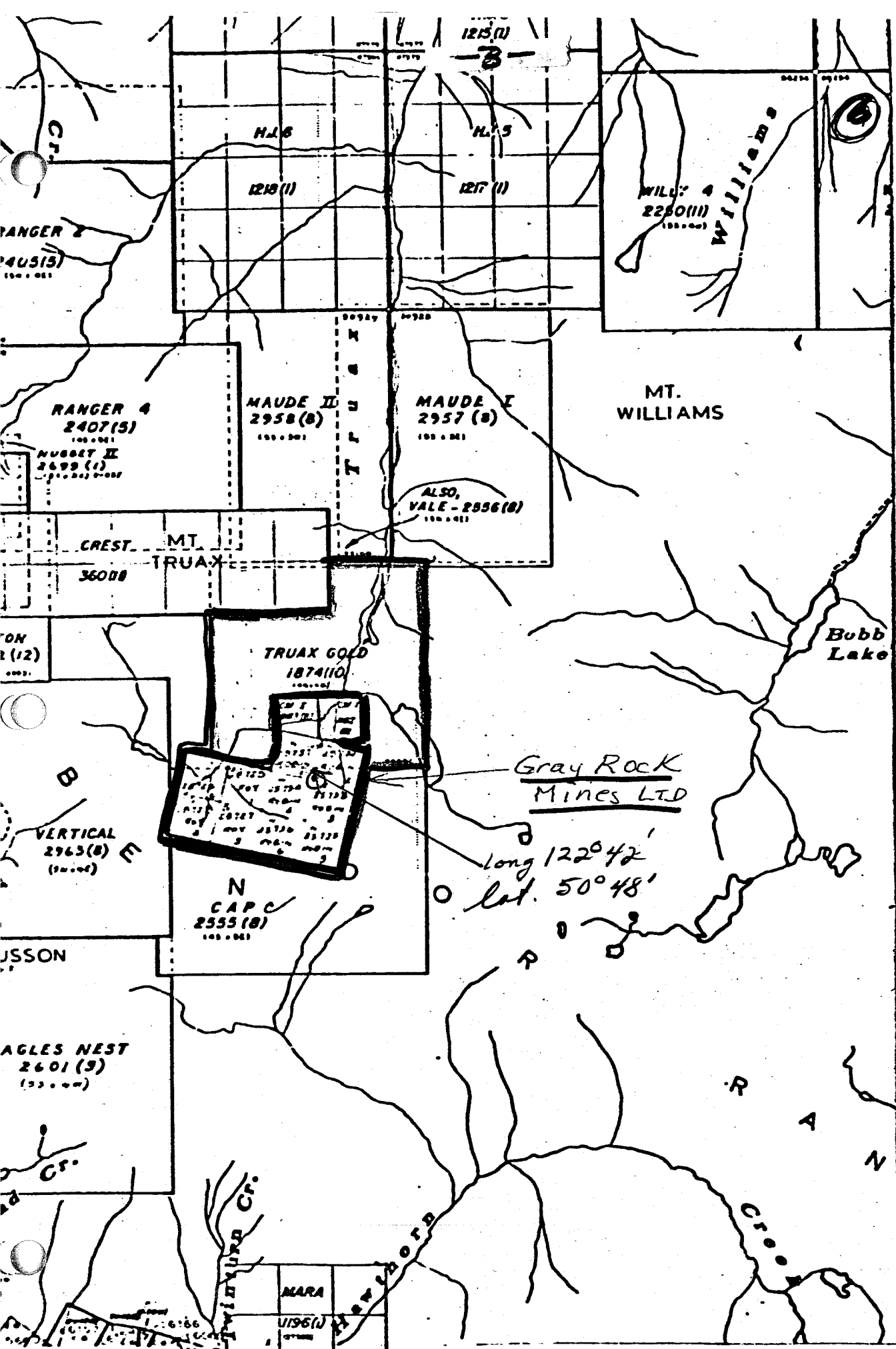
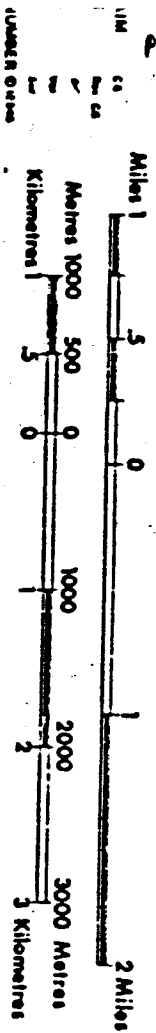
The claims are contiguous and lie in the Lillooet



**PROPERTY  
LOCATION**

**GRAY ROCK PROPERTY  
LOCATION MAP  
TRUAX CREEK  
LILLOOET M.D NTS M92U/15E**

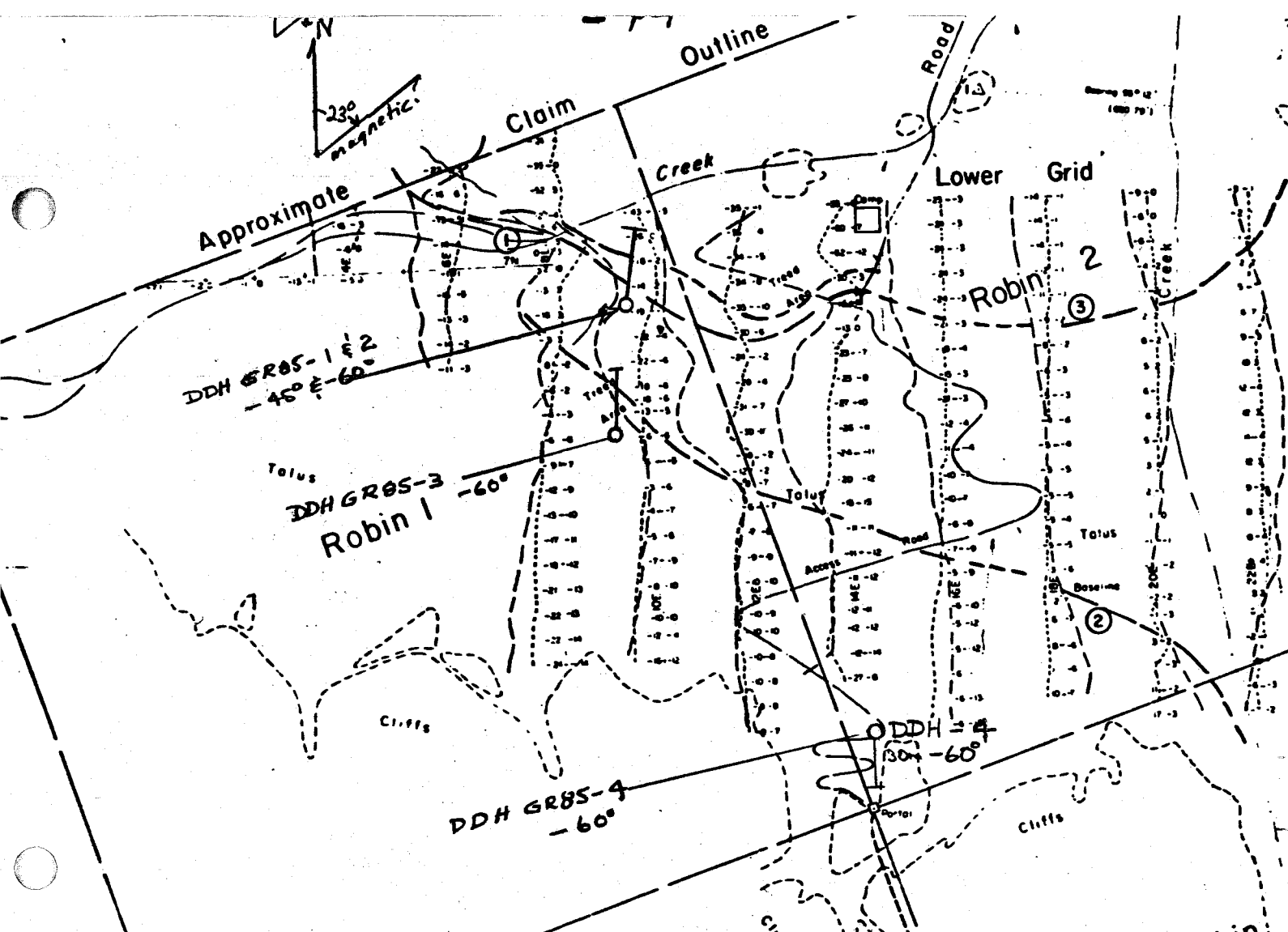




Gray Rock  
Mines Ltd

long 122° 42'  
lat. 50° 48'

UNLESS VERIFIED ON SUPERVED, THE MAP POSITION OF A  
LEGAL CORNER POST IS BASED ON THE LOCATOR'S SKETCH. FOR FUR-  
THER INFORMATION, APPLY TO THE OFFICE OF THE MINING DIVISION  
CONCERNED.  
DATE OF MICROFILM: 84 11 01



Robin 4

**COMPILATION MAP**  
**LOCATION MAP**  
 DDH No.'s GR85-1to4

1cm = 24 meters

0 120m 240m

0 200 400 600

SCALE: 1 INCH TO 200 FEET

**FALCONBRIDGE NICKEL MINES LIMITED**  
 PROPERTY

**Gray Rock Property - Robin, Roy Claims**

COAST CO:

50°48'N, 122°42'W - 18mi. by road from Goldbridge BC

TYPE OF MAP: **Geophysics - Electromagnetic Survey**  
 Instrument Ronka EM-16 Ser no 2 (VLF St 186 Seattle USA)

WORKING PLACE: Upper & Lower Grid Area

BASED ON: Field work by BM, SZ, SP, RE, KC, PP, JWM

DATE OF WORK: Aug 24 - Sept 7/76 MAP REF. NO.: **172-76-4** FIG. NO.: **4**

DRAWN BY: RJE

DATE: October 26/76 N.T.S. NO.: 9°J/15

Mining District, B.C. in N.T.S. 92-J-15-E. These are accessible by poor road from Goldbridge which is about 32 kilometers north westerly of the claims.

The property lies between 1928 and 2231 meters above sea level on the north slope of the Bendor Range.

#### Ownership

The claims are owned by Levon Resources Ltd. from Grayrock Mining Co. Ltd. (N.P.L.)

#### Drilling Company

The contract was let to:

Aspen Drilling Ltd.  
Box 1832  
Merritt, B.C. V0K 2B0

#### Drill Core Size

The equipment used produced BQ core.

#### Period of Drilling

The drilling program commenced 11th of August 1985 and was completed 6th of September 1985.

#### Amount Drilled

A total of 294.43 meters of drilling in 4 holes was completed.

#### Core Storage

The core is stored in a rack built on the old campsite on ROBIN No. 1 mineral claim.

#### Drill Results

The three conductors were intersected and found to be due to graphite in a siliceous zone with minor pyrite.

The fourth hole did not intersect any mineralization or structure of interest.

Conclusion

The electromagnetic anomalies reflect graphite in graphitic zones which do not contain economic minerals in significant amounts.

Recommendations

The next phase of exploration should be to continue the road to the south west around the cliff that contains the Grayrock vein. This would allow the westerly extension of the vein to be explored from surface.

Respectfully Submitted,



P.S. Friesen P. Eng.  
Oct. 26, 1985

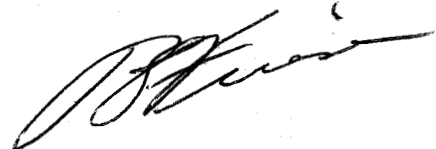


Grayrock Mining Property

Exploration 1985

Statement of Costs

Drilling - 294.43 meters	20,710.00
Cartage of equipment	465.00
Assays - 33 samples @ 10.75	354.75
Geologist 2 weeks @ 3000/month	1,500.00
Engineering and supervision	2,000.00
Field expenses	<u>1,483.33</u>
	Sub total
	<u>26,513.08</u>
	Office Overhead @ 10%
	<u>2,651.31</u>
	Total
	<u>29,164.39</u>



CERTIFICATE OF QUALIFICATION

This is to certify that:

- 1) I, Peter S. Friesen reside at 6780 Sumas Prairie Road, Sardis, B.C.
- 2) I am a graduate of the University of Saskatchewan where I received a degree of Bachelor of Engineering in Geological Science in 1950.
- 3) I have practiced my profession for 35 years.
- 4) The information in this report is based upon available government records and personal supervision of the diamond drilling program.
- 5) I am a professional engineer registered in the Province of British Columbia.
- 6) I have no interest directly or indirectly in the Property of Levon Resources Ltd. nor do I expect to receive any.

  
P.S. Friesen P. Eng.

Oct. 26, 1985

# DIAMOND DRILL RECORD

PROPERTY GRAYROCK ROBIN No. 1

HOLE NO. GR - 85-1

SHEET NUMBER 1 of 2

SECTION FROM 0 TO 44.50

STARTED 11 Aug. 1985

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED 15 Aug. 1985

DEPARTURE \_\_\_\_\_

BEARING 010

ULTIMATE DEPTH 88.39

ELEVATION 1829 m.

DIP -45

PROPOSED DEPTH 88.39

DEPTH FEET	FORMATION	SAMPLE No.	FROM	TO	WIDTH METER	Au oz		Ag/oz/T
						oz	Ton	
0 - 6.40	Casing							
6.40 - 27.43	Qtz bio. gneiss bio. fol. slightly crenulated 60 to C.A.							
27.43 - 30.18	Qtz. bio. gneiss with more qtz & dissem. Py	C4376	25.91	27.43	1.52	<.003		.02
	Fracture faces show shearing 45 to C.A.	C4377	27.43	28.96	1.53	<.003		.02
	some v.f.g. garnet	C4378	28.96	30.18	1.22	<.003		.02
30.18 - 30.78	silicified gneiss Gn 40-60 to C.A.	C4379	30.18	31.09	0.91	<.003		.06
	some graphite on fracture faces perpendicular	C4380	31.09	31.39	0.30	<.003		.06
	to C.A. Minor Py throughout	C4381	31.39	31.70	0.31	<.003		.08
30.78 - 32.00	Shear zone with abundant graphite	C4382	31.70	32.00	0.30	<.003		.04
	Main shear at 101.5	C4383	32.00	33.53	1.53	<.003		.04
	Massive Graphite with 2-3% Py from 31.09-31.39	C4384	33.53	34.44	0.91	<.003		.06
	and 31.70 - 32.00	Sludge C4385	25.91	27.43	1.52	<.002		.05
32.00 - 34.44	Silicified qtz-bio. gneiss with 3% dissem. &	Sludge C4386	27.43	28.96	1.53	<.002		.05
	seams of Py @ 110 7.6 cm brecciated sheared	Sludge C4387	28.96	30.48	1.52	.002		.05
	qtz & graphite	Sludge C4388	30.48	32.00	1.52	.004		.11
34.44 - 38.10	Stretched pebble conglomerate. Pebbles	Sludge C4389	32.00	33.53	1.53	.002		.05
	6mm x 25mm and smaller abundant bio.	Sludge C4390	33.53	35.05	1.52	.002		.05
	Some talc fracture face at 36.88	Sludge C4391	35.05	36.58	1.53	.002		.07
38.10 - 44.50	Qtz bio. gneiss minor secondary Py in qtz	Sludge C4392	36.58	38.10	1.52	.002		.05
	seams throughout	Sludge C4393	38.10	39.62	1.52	1.002		.03

N.M.P., TORONTO-STOCK FORM NO. 501 REV. 12/51

DRILLED BY Aspen Drilling Ltd.

SIGNED \_\_\_\_\_

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. GR - 85-1

SHEET NUMBER 2 of 2

SECTION FROM 44.50 m TO 88.39

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE No.	FROM	TO	WIDTH METER	Au		Ag/oz/T
						oz	Ton	
44.50 - 48.46	Med. gray Siliceous rock mottled with qtz masses.							
48.46 - 49.83	Dyke light gray with small white masses speckled throughout up to 10% Contacts 80% to C.A.							
49.83 - 54.86	Qtz bio. gneiss with patches of bio. locally lt gray with qtz bio. metacrysts(?)							
54.86 - 57.61	gneissic qtz bio. fol. & gn 80 to C.A.							
57.61 - 70.87	Med. to lt gray qtz bio. rocks.							
70.87 - 71.32	Porphyry dyke as above							
71.32 - 80.16	Anderote - lt gray massive some bio. qtz xhs on fracture face 30 to C.A.							
80.16 - 81.99	Dyke (?) Dk greenish gray - epidote rich locally coarsly brecciated and silicified irregular contacts	C4396	80.16	80.77	0.61		4.002	.01
		C4397	80.77	81.99	1.22		4.002	.01
81.99 - 86.56	Biotite gneiss. fairly uniform fol. @ 60-80 to C.A. dk brown, lower contact irregular 85.95 - 86.26 more siliceous							
86.56 - 88.39	Andesite - dk gray to greenish - very fine Py common as dissem. small streaks.							
88.39	END OF HOLE							

N.M.P., TORONTO-STOCK FORM NO. 501 REV. 12/51

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

# DIAMOND DRILL RECORD

PROPERTY GRAYROCK ROBIN No. 1

HOLE NO. GR - 85-2

SHEET NUMBER 1 of 3

SECTION FROM 0 TO 35.97

STARTED 16 Aug. 1985

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED 21 Aug. 1985

DEPARTURE \_\_\_\_\_

BEARING N 10 E

ULTIMATE DEPTH 86.87

ELEVATION 1829

DIP -60

PROPOSED DEPTH 91.44

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH METER	Au $\frac{oz}{Ton}$	Ag/oz/T
0 - 6.10	Overburden						
6.10 - 14.63	Biotite gneiss streaky brown and gray. fol. and gn, 60 to C.A. some crenulation Contact 60 to C.A..						
14.63 - 19.20	Qtz bio. gneiss biotite layers & streak through quartz. Becomes more qtzose and Brecciated(?) Some sections appear to have breccia fragments Irregular contact 45 to C.A.						
19.20 - 23.77	Bio. gn 60 to C.A. Contact 45 to C.A.	4398	31.24	32.00	0.76	.002	0.01
23.77 - 22.40	Qtz bio. gn as above	4399	32.00	33.53	1.53	1.002	0.01
22.40 - 27.43	Mottled bio. gn rounded pebbles(?) of qtz up to 3.8 cm Ave. 6 mm minor Py on slips. Some talc on a few slips	4400	33.53	35.05	1.52	1.010	0.16
27.43 - 35.05	Mainly Qtz bio. gn After 31.24 Py is finely dissem. & in seams. Becomes more brecciated with graphite, more common along fractures, 15-30 to C.A. Contact sharp 30 to C.A.						
35.05 - 35.47	Graphite schist with Py smeared on fraction faces. Good shearing.						

DRILLED BY .....

SIGNED .....



# DIAMOND DRILL RECORD

PROPERTY GRAYROCK - ROBIN No. 1

HOLE NO. GR - 85-2

SHEET NUMBER 2 of 3

SECTION FROM 35.97 TO 74.07

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE No.	FROM	TO	WIDTH METER	Au $\frac{OZ}{Ton}$	Ag/oz/T
35.97 - 40.23	Qtz bio. gneiss with bio. streaks. no Py						
	38.10-38.40 bio. gn with roundish pebbles	4353	41.15	42.67	1.52	<.002	<0.01
40.23 - 44.35	Brecciated granite. no Sulphides noted						
	6 mm fault gouge 10. to C.A. @.41.76m.						
	2.5 cm fault gouge 42.21 and 42.67						
44.35 - 47.34	Qtz bio. gn dissem. of fine Py locally,						
47.34 - 53.95	Andesite med. green gray with masses & streaks of Py. Some masses up to 25 x 50 mm of epidote Qtz - feld. material						
	Contact indefinite @ 45 to C.A.						
53.95 - 60.35	Bio. gn - stretched pebbles.						
	5 cm mass of carbonate @ 54.41 with green waxy mineral(?) Green talc on slips						
	55.47-56.39 and at 59.91-58.22						
	57.91 - 25 mm carbonate seam brecciated 20 to C.A.						
60.35 - 74.07	Gneissic Qtzite pinkish to white Bio. streaks throughout 5% rock with garnets in some bio. seams.						

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY GRAYROCK MINES ROBIN No. 1 M.C.

HOLE NO. GR - 85-3

SHEET NUMBER 1 of 3

SECTION FROM 0 TO 147.5 44.96

STARTED 24 Aug. 1985

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED 30 Aug. 1985

DEPARTURE \_\_\_\_\_

BEARING Due North

ULTIMATE DEPTH 88.39

ELEVATION 1829 m

DIP -45

PROPOSED DEPTH 88.

DEPTH FEET	FORMATION	SAMPLE No.	FROM	TO	WIDTH METER	Au oz/Ton	Ag/oz/T
0 - 12.80	Overburden. Glacial hard packed	Sludge C1236	12.80	14.33	1.53	.008	<0.01
12.80 - 15.85	Quartzite, minor Pyrite, Biotite Seams	Sludge C1237	14.33	15.24	0.91	<.002	<0.01
	CRENULATED 40 - 60 C.A.						
15.85 - 21.64	Biotite gneiss medium gray, foliation 60 C.A.						
	16.15 - 16.46 Heavy Pyrite						
21.64 - 22.86	Quartz Biotite gneiss						
22.86 - 24.38	0.46 m Core, Tube didn't latch, abundant Py						
	Some green chlorite						
24.38 - 24.99	Quartzite						
24.99 - 30.78	Biotite gneiss as before, 2-3% pyrite in darker sections.						
30.78 - 36.88	Quartz Biotite gneiss						
36.88 - 42.06	Pebble Conglomerate (stretched), Quartz pebbles with biotite streaks, 60-70 C.A.						
42.06 - 42.21	Carbonate vein with green chlorite contacts 60 C.A.						
42.21 - 43.28	Quartzite with abundant pyrite and odd speck of chalcopyrite, graphitic shears & fractures	C1234	42.21	43.28	1.07	.002	.01
43.28 - 44.96	Granitic intrusive with short sections of Quartzite, sharp 60 C.A.	C1235	43.28	44.96	1.68	<.002	<.01
	Graphite on lower contact						

N.M.P. TORONTO-STOCK FORM NO. 501 REV. 12/51

DRILLED BY Aspen Drilling Ltd.

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY GRAYROCK

HOLE NO. GR - 85-3

SHEET NUMBER 2 of 3

SECTION FROM 44.96 TO 62.79

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE No.	FROM	TO	WIDTH METER	Au oz/Ton	Ag/oz/T
		Sludge C1238	45.15	42.67	1.52	.002	0.01
44.96 - 46.94	Biotite gneiss with short sections of Quartzite, 2-5% pyrite in dark sections	Sludge C1239	42.67	44.20	1.53	<.002	<0.01
		Sludge C1240	44.20	45.72	1.52	<.002	0.01
46.94 - 48.01	Quartz Biotite Gneiss						
	47.40 - 48.01 Pure Quartz						
	46.94 - 47.40 Chalcopyrite and pyrrhotite						
48.01 - 54.25	Mainly Biotite gneiss with alternating sections of Quartz Biotite Gneiss						
	53.34 - 6mm Quartz - Carbonate, in fracture 20 to C.A.						
54.25 - 54.56	Fracture 10 to C.A. with Quartz Carbonate filling.						
54.56 - 57.45	Qtz bio. gn - minor to no Py.						
57.45 - 58.83	bio. gn with 2-5% Py & Po Lot 45 to C.A.						
58.83 - 61.26	Qtz bio. gn						
61.26 - 62.18	bio. gn crenulated 45 to C.A.						
62.18 - 62.79	Qtz - carbonate dyke, no sulphides. Both contacts 45 to C.A.						

DRILLED BY .....

SIGNED *[Signature]* .....



