

ASSESSMENT REPORT  
DESCRIBING

THE SOIL GEOCHEMISTRY PROGRAMME  
ON  
THE PORCUPINE CLAIM GROUP

NELSON MINING DIVISION, BRITISH COLUMBIA  
NTS 82F/3E and 82F/6E  
Latitude 49°15' N; Longitude 117°11'W

for

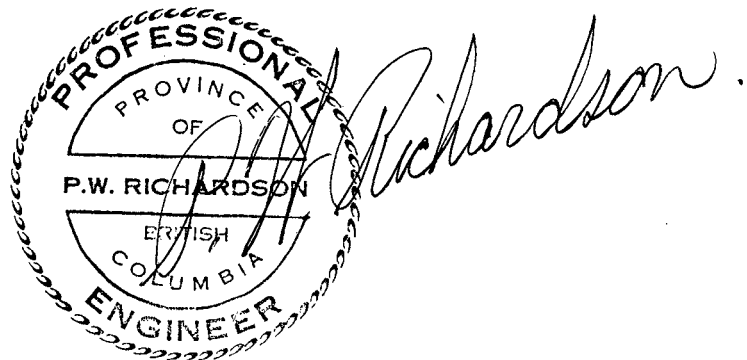
OWNER: NITHEX EXPLORATION LTD.  
OPERATOR: NITHEX EXPLORATION LTD.

by

Paul W. Richardson, Ph.D., P.Eng.  
Richard G. Black, B.A.Sc.

Vancouver, B.C.

January 5, 1982



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SUMMARY

An exploration programme consisting of cutting and flagging lines and collecting and analysing soil samples was done on the Porcupine Claim Group, one of several claim groups purchased in 1980 by Nithex Exploration Ltd. Some anomalous soil areas were found, and detail soil sampling and prospecting is planned.

INTRODUCTION

In 1980, Nithex Exploration Ltd., purchased several groups of claims which lie in a north-trending belt just east of Ymir, B.C. The Ymir-Nelson region has been one of the major gold producing areas of the province, and has produced 1,783,000 tons of ore with a content of 529,000 oz. of gold. The area has received little attention in the last 30 years, but, with the recent increase in the price of gold, the area has become of interest again. The Nithex ground was accumulated over the last several years by the vendors, and was purchased by Nithex because it is a reasonably large area of ground with geology favourable for the discovery of gold deposits.

LOCATION AND ACCESS

The Porcupine Claim Group is in the Nelson Mining Division at latitude  $49^{\circ}15'N$ , longitude  $117^{\circ}11'W$  on NTS sheets 82F/3E and 82F/6E (Figure 1). It is on Porcupine Creek three km SE of Ymir, B.C. Access to the Property is by a dirt and gravel road which leaves Highway 6 at the confluence of the Salmo River and Porcupine Creek two km south of Ymir. The area is 6 km NE of Salmo, 30 km south of Nelson and 500 km east of Vancouver.

CLAIMS

The Porcupine Claim Group is located on Mineral Titles Reference Maps M 82F/3E and M 82F/6E. Pertinent claim data are listed in the table below.

<u>Claim</u>	<u>Record No.</u>	<u>No. Units</u>	<u>Anniversary Date</u>
Blue Quartz	760 L:7072	1	August 22, 1982
Rover	761 L:7073	1	August 22, 1982
B.Q. No.1	1157	1	August 14, 1982
B.Q. No.2	1158	1	August 14, 1982
B.Q. No.3	1159	1	August 14, 1982
B.Q. No.4	1160	1	August 14, 1982
Scale No.1	1366	1	November 27, 1982
Rule No.1	1367	1	November 27, 1982
Porcupine	120 L:4634	1	November 10, 1982
Franklin	121 L:5132	1	November 10, 1982
Champagne	125 L:5131	1	November 10, 1982
Nevada	1045 L:3504	1	April 9, 1983
Sandalphon	1096 L:1639	1	May 31, 1982
Georgia <sup>na</sup>	1097 L:5130	1	May 31, 1982

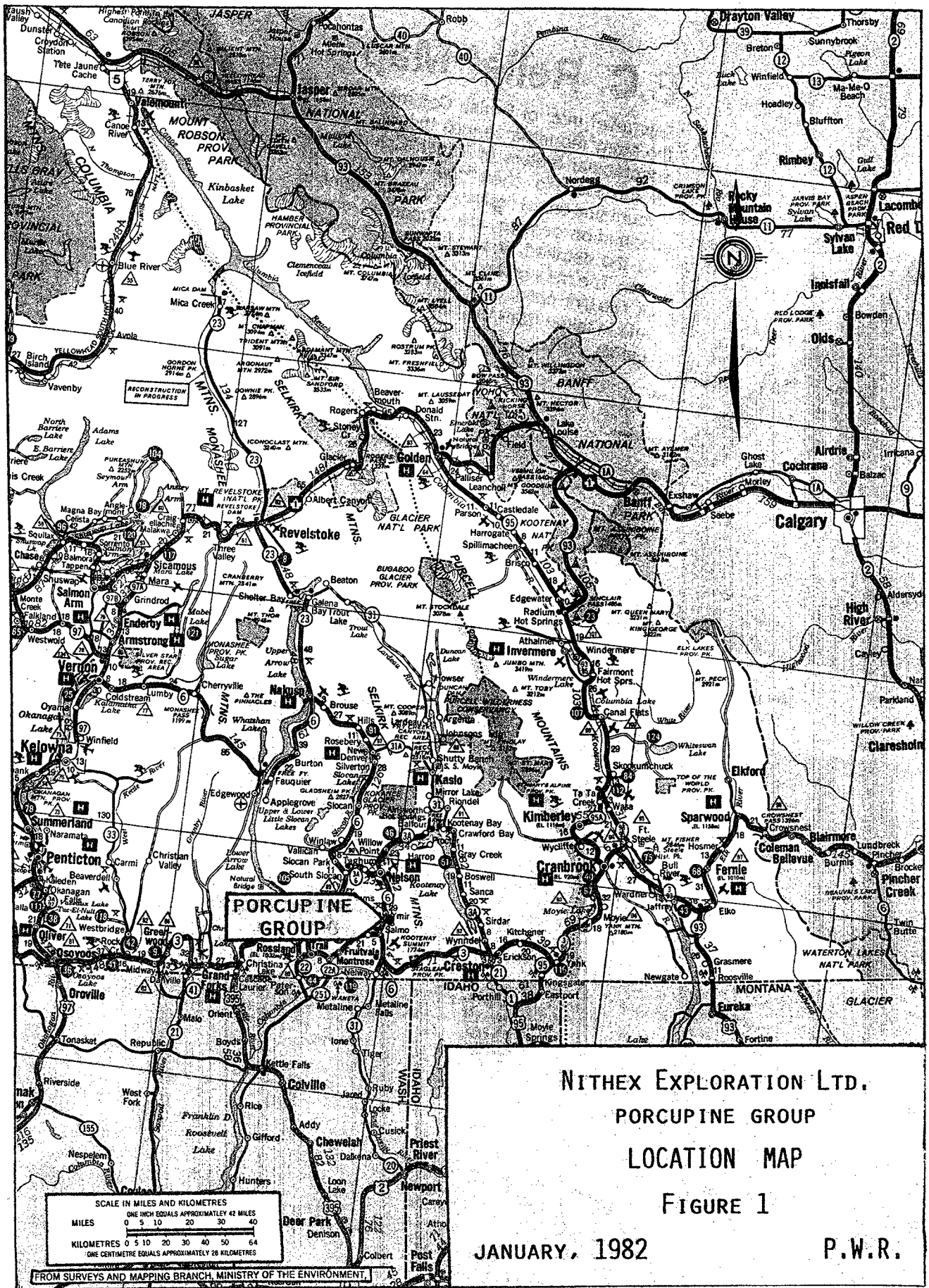
<u>Claim</u>	<u>Record No.</u>	<u>No. Units</u>	<u>Anniversary Date</u>
Imperial	1095 L:3095	1	May 31, 1982
Sunrise	982 L:4385	1	March 29, 1983
Emerald	993 L:2907	1	March 29, 1983
Victor	974 L:2906	1	March 29, 1984
Porcupine	975 L:2908	1	March 29, 1984
Twilight	1007 L:3767	1	March 30, 1983

The above information conforms with the records of the Claim Recorder in Nelson. The claims are shown on Figure 2, and are described in Appendix I.

#### HISTORY OF THE PORCUPINE GROUP

The first mineral claim in the group was located in 1896, and most of the claims were located and crown granted between then and 1902. Production has come from two claims, and totalled 54 tons to 1948. The Maple Leaf (Porcupine) produced 44 tons of lead-zinc-silver ore. The remainder was produced from the Nevada. After 1948, little exploration was done in this area.

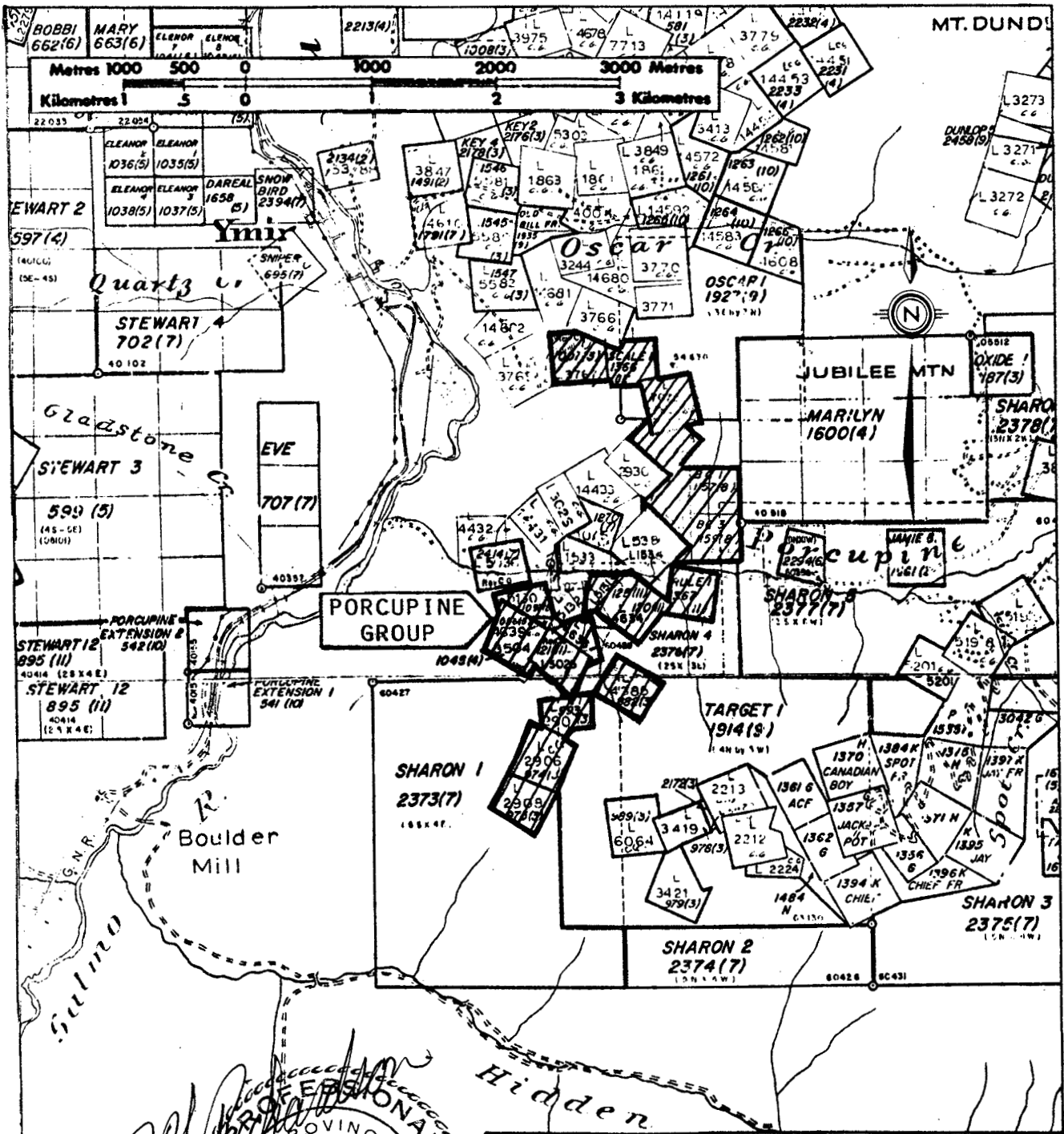
Nithex Exploration Ltd. purchased the Porcupine Claim Group in 1980.



NITHEX EXPLORATION LTD.  
 PORCUPINE GROUP  
 LOCATION MAP  
 FIGURE 1

JANUARY, 1982

P.W.R.



PROFESSIONAL  
 OF  
 P.W. RICHARDSON  
 BRITISH  
 COLUMBIA  
 ENGINEER

NITHEX EXPLORATION LTD.  
 PORCUPINE GROUP  
 CLAIM MAP  
 (ISSUED JANUARY 7, 1982)  
 FIGURE 2  
 (NTS MAPS 82F/3E, 82F/6E)  
 JANUARY, 1982  
 P.W.R.

288(6)  
 2093(1)

THE CRU  
 1508 (2)

## GEOLOGY OF THE PORCUPINE GROUP

The most recent and complete description of the geology of the area is by Little (1966). The rocks strike northerly and dip at moderate angles to the east. The main rock types are grey, fine-grained argillites and black phyllites. These rocks are intruded by granitic stocks and lamprophyre sills and dikes.

Mineralization on the Porcupine, Franklin, Champagne and Nevada claims consists of pyrite, galena and sphalerite, with silver and gold values, lying within Pend D'Oreille schists at or close to the contact with small bodies of Nelson Plutonic rocks. Traces of copper and tin have been reported. Mineralization has been described as being within silicified zones and shear zones.

## EXPLORATION APPROACH

A base line 2.3 km long was cut from the Porcupine Creek Road on the Rule No.1 Claim northward to the north end of the Porcupine Claim. Cross lines totalling 16.25 km have been flagged 100 meters apart and picketed at 25 meter intervals.



A base map with a scale of 1:2500 was prepared from 1:2500 topographic maps that were made from available air photographs taken in 1980. On this base map the grid was plotted and adjusted to fit the roads and topography.

In total, 537 reconnaissance soil samples were collected on the Porcupine Claim Group, one at each picket. The samples were analysed by Acme Analytical Laboratories Ltd., of Vancouver, for lead, zinc, silver and gold (Appendix II). The lead, zinc, silver and gold values were plotted on 1:5000 maps, a separate map for each element, so the maps could be overlaid to compare the amounts of each element.

The object of the reconnaissance soil sampling was to test for lead-zinc-silver-gold mineralization on the claims. Silver background is high with most samples greater than 0.2 ppm Ag, and many samples with more than 2.0 ppm Ag. The gold background is 0.005 ppm Au, and the samples range up to 0.155 ppm Au. The background concentrations of lead and zinc were also very high, and, in general, the anomalies in these two metals coincided with anomalies in gold and silver.

The anomalous sample sites should be inspected on the ground, and detail sampling should be done where appropriate.

CONCLUSIONS

1. The geochemical reconnaissance programme outlined areas of interest on the Porcupine Claim Group.
2. Additional detail sampling should be done on the anomalous areas, and these areas should be prospected carefully and a geological map should be prepared.



*P.W. Richardson*

STATEMENT OF COSTS

Dates: Line cutting and soil sampling - July 18th to August 21st, 1981.

Costs:

(1) Line cutting and sampling:			
17 man days @ \$110/day	\$1,870.00		
31 man days @ \$100/day	3,100.00		
12 man days @ \$ 90/day	1,080.00	\$ 6,050.00	
(2) Vehicle:			
13 days @ \$30/day	390.00		
fuel	120.00	510.00	
(3) Soil Analysis:			
537 soil samples @ \$6/sample		3,222.00	
(4) Drafting:			
D. Helgren - 4 days @\$30/day	120.00		
R. Black - 4 days @ \$60/day	240.00		360.00
			<u>360.00</u>
			<u>\$10,142.00</u>
			<u><u>TOTAL</u></u>



REFERENCES

1. Cockfield, W.E., (1936) "Lode Gold Deposits of Ymir-Nelson Area, British Columbia". Canada Dept. of Mines, Geo. Surv. Memoir 191.
2. Drysdale, C.W., (1917) "Ymir Mining Camp, British Columbia". Canada Dept. of Mines, Geo. Surv. Memoir 94.
3. Little, H.W., (1960) "Nelson Map Area, West Half, British Columbia (82FW $\frac{1}{2}$ )". G.S.C. Memoir 308.
4. Walker, J.F. (1934) "Geology and Mineral Deposits of Salmo Map Area, British Columbia". Canada, Dept. of Mines, Geo. Surv. Memoir 172.
5. Wolfe, R., (1980) "A Summary of Exploration Potential on Claims in the YMIR GOLD CAMP" Private Report to Nithex Exploration Ltd.

STATEMENT OF AUTHORS' QUALIFICATIONS

P. W. Richardson, Ph. D., P. Eng.

B.A. Sc. (1949) M.A. Sc. (1950) from the University of British Columbia in Geological Engineering.

Ph.D. (1955) from Massachusetts Institute of Technology in Economic Geology and Geochemistry.

1950 - 52: Mine Geologist at Sullivan Mine, B.C.

1955 - 66: Exploration Geologist with Dome Exploration (Canada) Limited, Toronto.

1966 - 68: Exploration Geologist with Amax Exploration Limited, Vancouver.

1968 - 78: Vancouver Manager for Newconex Canadian Exploration Ltd.

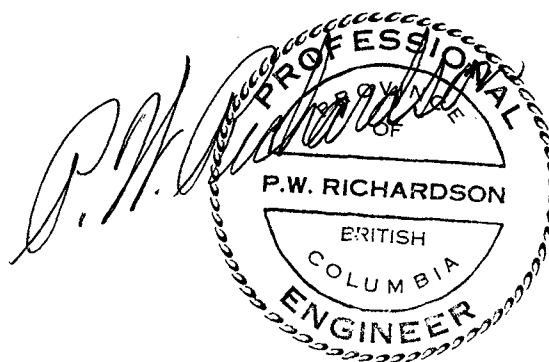
1978 -

Jan.31,1981: Principal of Richardson Geological Consulting Ltd.

Feb. 1,1981-

Present: Vice-President, Exploration of Nithex Exploration Ltd.

I have had an interest in and have practised exploration geochemistry from 1953 to the present time.



STATEMENT OF AUTHORS' QUALIFICATIONSR. G. Black, B.A. Sc.

B.A. Sc. (1981) from the University of Calgary in Geological Engineering.

- 1971: Geological field assistant with Penarroga Canada Ltd.
- 1972 -  
1974: Geological field assistant with Union Carbide Exploration Corporation Ltd., Vancouver.
- 1975: Geophysical field assistant with Amoco Canada Ltd.
- 1976: Geological field assistant with Shell Canada Resources Ltd., Calgary.
- 1977: Geological field assistant with Uranerz Exploration and Mining Ltd., Calgary.
- 1978: Geophysical field assistant with HudBay Mining Ltd., Toronto.
- 1979: Geophysical field assistant with Western Geophysical Company of Canada, Calgary.
- 1980: Geological field assistant with PanOcean Oil Ltd., Calgary.
- 1981: Geologist with Nithex Exploration Ltd., Vancouver.

APPENDIX I

RECORDS OF MINERAL CLAIMS



**RECORD OF MINERAL CLAIM**

MINING RECEIPT NO. 114609 E

RECORD NO. 760

RECORDED AT NELSON

B.C. THIS 22 DAY OF August 19 78

DO NOT WRITE IN  
SHADED AREAS

FOR OFFICE USE ONLY

Deputy Gold Commissioner

NELSON

MINING DIVISION

**APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM**

(Sec. 57, Mineral Act)

DONALD R. COCHRANE  
(NAME)

AGENT FOR

(NAME)

979-264<sup>th</sup> ST. ALDER GROVE, B.C. V0X 1A0  
(ADDRESS)

(ADDRESS)

VALID SUBSISTING F.M.C. No. 159653

VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 48 acres. 61.78 acres

Name of Claim	Lot No.	Mining Division	Land District	Acreage
<u>BLUE QUARTZ</u>	<u>7072</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>51.65</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total

51.65

[Signature]  
Signature

OFFICE  
USE  
ONLY

Time A.M. \_\_\_\_\_

P.M. 4:00

MINING DIVISION  
NELSON, B.C.  
RECEIVED FOR RECORD

1978 AUG 22

MINING RECEIPT NO. 114609 E

MR STAMP: 200.00 (8x25)

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)
<u>4359 - 4360</u>	<u>Aug. 22/79</u>	<u>131256E</u>	<u>1981</u>	<p><b>NOTICE TO GROUP #2452 August 22, 1979 HR. 131256</b></p> <p><b>PORCUPINE Claims in Group:</b></p> <p>Blue Quartzs Rec. 760; Rover Rec. 761;</p> <p>BQ 1 Rec. 1157; BQ 2 Rec. 1158;</p> <p>BQ 3 Rec. 1159; BQ 4 Rec. 1160</p> <p><b>SUPPLEMENTAL NOTICE TO GROUP #2464</b></p> <p>M.R. 141596E MARCH 13, 1980 Claims in Group:</p> <p>Blue Quartz (760); Rover (761); BQ 1 (1157);</p> <p>BQ 2 (1158); BQ 3 (1159); BQ 4 (1160);</p> <p>Twilight (1007); Scale No. 1 (1366);</p> <p>SEE REVERSE</p> <p>APPEARANT CONT SEC6(2) APPARENT CONT SEC6(2)</p> <p>BY <u>Scale 1 ORIGINAL</u> BY <u>OSCAR #1 (1927)</u></p> <p>BY <u>Rec. 1366</u></p>
<u>10684</u>	<u>May <sup>19</sup> 25/81</u>	<u>160993E</u>	<u>Aug. 22/82</u>	
	<u>work on file</u>			

B/S 652 M.R. 150970E APR. 3/81 ALL INT. TO  
NITHEX EXPLORATIONS LTD. 1055 W. GEORGIA ST.  
VANCOUVER, B.C. V6E 3R3


Options, Agreement, etc.

Grouping Notices, Including Names of Claims

GROUP #2464 Cont. Rule No. 1 (1367);  
Champagne (125); Porcupine (120); Franklin (121)  
Georgina (1097); Sandaulphon (1096); Nevada (1045)  
Imperial (1095); Emerald (993); Sunrise (982);  
Victori (974); Porcupine (975);

**RECORD OF MINERAL CLAIM**

MINING RECEIPT NO. 114609 E RECORD NO. 761

RECORDED AT NELSON B.C. THIS 22 DAY OF August 1979

DO NOT WRITE IN SHADED AREAS FOR OFFICE USE ONLY

*[Signature]*  
 Deputy Gold Commissioner  
 Nelson Mining Division

**APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM**  
 (Sec. 57, Mineral Act)

DONALD B. COCHRANE AGENT FOR \_\_\_\_\_ (NAME)  
 979-264<sup>TH</sup> ST. ALDER GROVE, B.C. V0X1A0 \_\_\_\_\_ (ADDRESS)

VALID SUBSISTING F.M.C. No. 159653 VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed ~~40 acres~~ 61.73 acres

Name of Claim	Lot No.	Mining Division	Land District	Acreage
<u>ROVER</u>	<u>7073</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>37.84</u>
				<u>37.84</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

*[Signature]*  
 Signature

OFFICE USE ONLY

Time A.M. \_\_\_\_\_  
 P.M. 4:00

NELSON, B.C.  
 RECEIVED FOR RECORD  
 AUG 22 1979  
 Mining Receipt No. 114609 E  
 FEE \$ 200.00  
 MR STAMP (8x25)

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)
<u>4361 - 4362</u>	<u>Aug. 22/79</u>	<u>131256E</u>	<u>1981</u>	NOTICE TO GROUP #2452 August 22, 1979 PORCUPINE Claims in Group HR131256E Blue Quartzs Rec. 760; Rover Rec. 761; BQ 1 Rec. 1157; BQ 2 Rec. 1158; BQ 3 Rec. 1159; BQ 4 Rec. 1160 SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E MARCH 13, 1980 Claims in Group Blue Quartz (760); Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159); BQ 4 (1160); Twilight (1007); Scale No. 1 (1366); SEE REVERSE APPARENT CONT SEC6(2) BY OSCAR #1 (192) ORIGINAL
<u>10685</u>	<u>May 25/81</u> <u>work on file</u>	<u>160993E</u>	<u>Aug. 22/82</u>	

B/S 652 M.R. 150970E APR. 3/81 ALL INT. TO  
NITHEX EXPLORATIONS LTD. 1055 W. GEORGIA ST.  
VANCOUVER, B.C. V6E 3R3


Options, Agreement, etc.

Grouping Notices, Including Names of Claims

**GROUP #2464 Cont. Rule No. 1 (1367);**  
Champagne (125); Porcupine (120); Franklin (121)  
Georgina (1097); Sandaulphon (1096); Nevada (1045)  
Imperial (1095); Emerald (993); Sunrise (982);  
Victori (974); Porcupine (975);

Record of 2 - Post Claim

MAP NO. 82F/6E

RECORD NO. 1157

MINING RECEIPT NO. 116276E

RECORDED AT Nelson

B.C. THIS 14 DAY OF August 1979

DO NOT WRITE IN HAIDED AREAS

*[Handwritten signature]*

Nelson

GOLD COMMISSIONER

MINING DIVISION

APPLICATION TO RECORD A 2-POST CLAIM

Charlie F Graham (NAME) Box 910 Merritt, B.C. (ADDRESS)

HOLDER OF VALID SUBSISTING F.M.C. NO. 170681 STATE THAT:-

1 ON THE 28<sup>th</sup> DAY OF July 1979 I LOCATED THE BQ<sup>#</sup> 1 2-POST CLAIM SITUATE EAST OF BQ<sup>#</sup> 2 AND ADJOINING MC<sup>#</sup> LOT 7073  
(HERE DESCRIBE THE POSITION OF THE CLAIM RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES ON THE MAP)  
2500 METERS EAST OF Y.M.C. SOUTH WESTERN SLOPE OF JUBILEE MTN.

2 I HAVE PLACED THE NO. 1 AND NO. 2 LEGAL POSTS IN ACCORDANCE WITH THE REGULATIONS.

3 I HAVE SECURELY FASTENED TO THE NO. 1 POST, METAL TAG NO. 502049 M EMBOSSED "INITIAL POST (NO.1)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-  
 NAME OF CLAIM BQ<sup>#</sup> 1 DATE OF LOCATION July 28/79  
 LOCATOR Charlie F Graham  
 COMPASS BEARING TO NO.2 POST S DISTANCE TO NO.2 POST 1500' (457.2 METERS)  
 NO. OF METRES TO RIGHT \_\_\_\_\_ TO LEFT 1500' OF LOCATION LINE \_\_\_\_\_

4 I HAVE SECURELY FASTENED TO THE NO. 2 POST, METAL TAG NO. 502049 M EMBOSSED "FINAL POST (NO.2)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-  
 NAME OF CLAIM BQ<sup>#</sup> 1 DATE OF LOCATION July 28/79  
 LOCATOR Charlie F Graham

5 I HAVE MARKED THE LINE BETWEEN THE NO. 1 AND NO. 2 LEGAL POSTS AS REQUIRED BY THE REGULATIONS.

NELSON, B. C.  
 RECEIVED FOR RECORD  
 AUG 14 1979  
 Mining Receipt No. 116276E  
 FEE \$ 5x14 = \$20.<sup>00</sup>  
 RECORDER'S STAMP

*[Handwritten signature]*  
 SIGNATURE

WORK NO'S OR C/L	DATE RECORDED	MINING RECEIPT	DATE OF EXPIRY	TRANSFERS (BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)
<u>4363 - 4364</u> <i>Work on file</i>	<u>Aug. 22/79</u>	<u>131256E</u>	<u>Aug. 1982</u>	<u>B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3</u>

DATE	RECORDED	RECEIPT	EXPIRY

(BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)

**OPTIONS, AGREEMENTS, ETC.**

**GROUPING NOTICES, INCLUDING NAMES OF CLAIMS**

**NOTICE TO GROUP #2452 August 22, 1979 M.R. 131256E**  
**PORCUPINE Claims in Group:**  
 Blue Quartz Rec. 760; Rover Rec. 761;  
 BQ 1 Rec. 1157; BQ 2 Rec. 1158; BQ 3 Rec. 1159;  
 BQ 4 Rec. 1160

**SUPPLEMENTAL NOTICE TO GROUP 2464 M.R. 141596E**  
**MARCH 13, 1980 Claims in Group:** Blue Quartz (760);  
 Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159);  
 BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
 Rule No. 1 (1367); Champagne (125); Porcupine (120)  
 Franklin (121); Georgina (1097); Sandaulphon (1096)  
 Nevada (1045); Imperial (1095); Emerald (993);  
 Sunrise (982); Victor (974); Porcupine (975)

MAP NO. 82F/6E

RECORD NO. 1158

MINING RECEIPT NO. 116276E

RECORDED AT Nelson

B.C. THIS 14 DAY OF August 1979

DO NOT WRITE IN SHADED AREAS

GOLD COMMISSIONER

MINING DIVISION

APPLICATION TO RECORD A 2-POST CLAIM

Charlie F. Graham (NAME) Box 910 Merritt B.C. (ADDRESS)

HOLDER OF VALID SUBSISTING F.M.C. NO. 170681 STATE THAT:-

1 ON THE 28<sup>th</sup> DAY OF July 1979 I LOCATED THE BQ #2 2-POST CLAIM

SITUATE S. WESTERN side of JUBILEE MTN. S. + E. of M.C. # 7072  
(HERE DESCRIBE THE POSITION OF THE CLAIM RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES ON THE MAP)  
AND EAST of Ymer 2500 METERS.

2 I HAVE PLACED THE NO. 1 AND NO. 2 LEGAL POSTS IN ACCORDANCE WITH THE REGULATIONS.

3 I HAVE SECURELY FASTENED TO THE NO. 1 POST, METAL TAG NO. 502050 M EMBOSSED "INITIAL POST (NO.1)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-

NAME OF CLAIM BQ #2 DATE OF LOCATION JULY 28<sup>th</sup> /79

LOCATOR Charlie F. Graham

COMPASS BEARING TO NO.2 POST S DISTANCE TO NO.2 POST 1500' (457.2 METERS)

NO. OF METRES TO RIGHT 1500' TO LEFT \_\_\_\_\_ OF LOCATION LINE

4 I HAVE SECURELY FASTENED TO THE NO. 2 POST, METAL TAG NO. 502050 M EMBOSSED "FINAL POST (NO.2)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-

NAME OF CLAIM BQ #2 DATE OF LOCATION JULY 28 /79

LOCATOR Charlie F. Graham

5 I HAVE MARKED THE LINE BETWEEN THE NO. 1 AND NO. 2 LEGAL POSTS AS REQUIRED BY THE REGULATIONS. ✓

NELSON, B. C.  
RECEIVED FOR RECORD  
AUG 14 1979  
Mining Receipt No. 116276E  
FEE 5X4 = \$20.00  
RECORDER'S STAMP

Charlie F. Graham  
SIGNATURE

WORK NO'S OR C/L	DATE RECORDED	MINING RECEIPT	DATE OF EXPIRY	TRANSFERS (BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)
4365 - 4366	Aug. 22/79	131256E	Aug. 1982	B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3
	<u>work on file</u>			

MAY 97	RECORDED	RECEIPT	EXPIRY	(BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)

**OPTIONS, AGREEMENTS, ETC.**

**GROUPING NOTICES, INCLUDING NAMES OF CLAIMS**

**NOTICE TO GROUP #2452 August 22, 1979 H.R. 131256**  
**PORCUPINE** Claims in Group:  
Blue Quartz Rec. 760; Rover Rec. 761;  
BQ 1 Rec. 1157; BQ 2 Rec. 1158; BQ 3 Rec. 1159;  
BQ 4 Rec. 1160

**SUPPLEMENTAL NOTICE TO GROUP 2464 M.R. 141596**  
**MARCH 13, 1980** Claims in Group: Blue Quartz (760);  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159);  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (120)  
Franklin (121); Georgina (1097); Sandaulphon (1096)  
Nevada (1045); Imperaal (1095); Emerald (993);  
Sunrise (982); Victor (974); Porcupine (975)



ICE  
BUS  
S

MAP NO. 82F/6E RECORD NO. 1159  
 MINING RECEIPT NO. 116276E RECORDED AT Nelson B.C. THIS 14 DAY OF August 19 79  
 NOT WRITE IN HAIDED AREAS Nelson  
 GOLD COMMISSIONER MINING DIVISION

APPLICATION TO RECORD A 2-POST CLAIM

Charlie F. Graham (NAME) Box 910 Merritt, B.C. (ADDRESS)

HOLDER OF VALID SUBSISTING F.M.C. NO. 170681 STATE THAT:-

1 ON THE 28 DAY OF July 19 79 I LOCATED THE BQ #3 2-POST CLAIM  
 SITUATE South of BQ #1 AND EAST of BQ #4  
 (HERE DESCRIBE THE POSITION OF THE CLAIM RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES ON THE MAP)

2 I HAVE PLACED THE NO. 1 AND NO. 2 LEGAL POSTS IN ACCORDANCE WITH THE REGULATIONS.

3 I HAVE SECURELY FASTENED TO THE NO. 1 POST, METAL TAG NO. 502051M EMBOSSED "INITIAL POST (NO.1)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-  
 NAME OF CLAIM BQ #3 DATE OF LOCATION July 28 / 79  
 LOCATOR Charlie F. Graham  
 COMPASS BEARING TO NO.2 POST S DISTANCE TO NO.2 POST 1500' (457.2 meters)  
 NO. OF METRES TO RIGHT \_\_\_\_\_ TO LEFT 1500' OF LOCATION LINE

4 I HAVE SECURELY FASTENED TO THE NO. 2 POST, METAL TAG NO. 502051M EMBOSSED "FINAL POST (NO.2)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-  
 NAME OF CLAIM BQ #3 DATE OF LOCATION July 28 / 79  
 LOCATOR Charlie F. Graham.

5 I HAVE MARKED THE LINE BETWEEN THE NO. 1 AND NO. 2 LEGAL POSTS AS REQUIRED BY THE REGULATIONS. ✓

RECEIVED FOR RECORD  
 NELSON, B. C.  
 AUG 14 1979  
 Mining Receipt No. 116276E  
 FEE 5x4 = \$20.00  
 RECORDER'S STAMP

Charlie F. Graham  
SIGNATURE

WORK NO'S OR C/L	DATE RECORDED	MINING RECEIPT	DATE OF EXPIRY	TRANSFERS
				(BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)
4367 - 4368	Aug. 22/79 <i>Work on file</i>	131256E	Aug. 1982	B/S 653 H.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3

ORIGINAL

OFFICE USE ONLY

UNPAID

RECORDED

RECEIPT

EXPIRY

(BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)

UNPAID	RECORDED	RECEIPT	EXPIRY

OPTIONS, AGREEMENTS, ETC.

GROUPING NOTICES, INCLUDING NAMES OF CLAIMS

NOTICE TO GROUP # 2452 August 22, 1979  
 PORCUPINE M.R.131256E Claims in Group:  
 Blue Quartz Rec. 760; Rover Rec. 761;  
 BQ 1 Rec. 1157, BQ 2 Rec. 1158; BQ 3 Rec. 1159;  
 BQ 4 Rec. 1160

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E  
 MARCH 13, 1980 Claims in Group: Blue Quartz (760);  
 Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159)  
 BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
 Rule No. 1 (1367); Champagne (125); Porcupine (120)  
 Franklin (121); Georgina (1097); Sandaulphon (1096)  
 Nevada (1045); Imperial (1095); Emerald (993);  
 Sunrise (982); Victor (974); Porcupine (975);

MAP NO. 82F/6E

RECORD NO. 1160

MINING RECEIPT NO. 116276E

RECORDED AT Nelson

B.C. THIS 14

DAY OF August

19 79

DO NOT WRITE IN SHADED AREAS

*W. F. Graham*

Nelson

GOLD COMMISSIONER

MINING DIVISION

APPLICATION TO RECORD A 2-POST CLAIM

Charlie F. Graham (NAME) Box 910 Merritt, B.C. (ADDRESS)

HOLDER OF VALID SUBSISTING F.M.C. NO. \_\_\_\_\_ STATE THAT:-

1 ON THE 28<sup>th</sup> DAY OF July 19 79 I LOCATED THE BQ # 4 2-POST CLAIM  
SITUATE South of BQ # 2 AND WEST OF BQ # 3  
(HERE DESCRIBE THE POSITION OF THE CLAIM RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES ON THE MAP)

2 I HAVE PLACED THE NO. 1 AND NO. 2 LEGAL POSTS IN ACCORDANCE WITH THE REGULATIONS.

3 I HAVE SECURELY FASTENED TO THE NO. 1 POST, METAL TAG NO. 502052M EMBOSSED "INITIAL POST (NO.1)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-  
NAME OF CLAIM BQ # 4 DATE OF LOCATION July 28/79  
LOCATOR Charlie F. Graham  
COMPASS BEARING TO NO.2 POST S DISTANCE TO NO.2 POST 1500' (457.2 METERS)  
NO. OF METRES TO RIGHT 1500' TO LEFT \_\_\_\_\_ OF LOCATION LINE

4 I HAVE SECURELY FASTENED TO THE NO. 2 POST, METAL TAG NO. 502052M EMBOSSED "FINAL POST (NO.2)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-  
NAME OF CLAIM BQ # 4 DATE OF LOCATION July 28/79  
LOCATOR Charlie F. Graham

5 I HAVE MARKED THE LINE BETWEEN THE NO. 1 AND NO. 2 LEGAL POSTS AS REQUIRED BY THE REGULATIONS.

RECEIVED FOR RECORDING  
AUG 14 1979  
Mining Receipt No. 116276E  
5x4 = \$20.00  
RECORDER'S STAMP

*Charlie F. Graham*  
SIGNATURE

WORK NO'S OR C/L	DATE RECORDED	MINING RECEIPT	DATE OF EXPIRY	TRANSFERS (BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)
<u>4369 - 4370</u>	<u>Aug. 22/79</u>	<u>131256E</u>	<u>Aug. 1982</u>	<u>B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3</u>
	<u>W. F. Graham on file</u>			


**OPTIONS, AGREEMENTS, ETC.**

**GROUPING NOTICES, INCLUDING NAMES OF CLAIMS**

**NOTICE TO GROUP # 2452 August 22, 1979**  
**PORCUPINE M.R. 131256E Claims in Group:**  
Blue Quartz Rec. 760; Rover Rec. 761;  
BQ 1 Rec. 1157, BQ 2 Rec. 1158; BQ 3 Rec. 1159;  
BQ 4 Rec. 1160

**SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E**  
**MARCH 13, 1980 Claims in Group:** Blue Quartz (760);  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159);  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (120)  
Franklin (121); Georgina (1097); Sandaulphon (1096)  
Nevada (1045); Imperaal (1095); Emerald (993);  
Sunrise (982); Victor (974); Porcupine (975);

Record of 2 - Post Claim

MAP NO. 82 F/6F

RECORD NO. 1366

MINING RECEIPT NO. 131981E

RECORDED AT Nelson

B.C. THIS 27

DAY OF November

19 79

DO NOT WRITE IN  
HADED AREAS

*[Signature]*

GOLD COMMISSIONER

Nelson

MINING DIVISION

APPLICATION TO RECORD A 2-POST CLAIM

I, PAUL REEVES WILLSON 4882 DELTA ST. DELTA, B.C.  
(NAME) (ADDRESS)

HOLDER OF VALID SUBSISTING F.M.C. NO. 175228 STATE THAT:-

ON THE 9 DAY OF NOVEMBER 19 79 I LOCATED THE SCALE #1 2-POST CLAIM

SITUATE I.P. IS 1750m, 112° TRUE FROM THE JUNCTION OF  
(HERE DESCRIBE THE POSITION OF THE CLAIM RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES ON THE MAP)

OSCAR CR. & SALMO RIVER (SOUTH OF YMIR, B.C.)

I HAVE PLACED THE NO. 1 AND NO. 2 LEGAL POSTS IN ACCORDANCE WITH THE REGULATIONS.

I HAVE SECURELY FASTENED TO THE NO. 1 POST, METAL TAG NO. 501710 M EMBOSSED "INITIAL POST (NO.1)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-

NAME OF CLAIM SCALE #1 DATE OF LOCATION NOV. 9-79.

LOCATOR P.R. WILLSON

COMPASS BEARING TO NO.2 POST EAST DISTANCE TO NO.2 POST 1500'

NO. OF METRES TO RIGHT 1500 feet TO LEFT 0 feet. OF LOCATION LINE

I HAVE SECURELY FASTENED TO THE NO. 2 POST, METAL TAG NO. 501710 M EMBOSSED "FINAL POST (NO.2)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-

NAME OF CLAIM SCALE #1 DATE OF LOCATION NOV. 9-79.

LOCATOR P.R. WILLSON

I HAVE MARKED THE LINE BETWEEN THE NO. 1 AND NO. 2 LEGAL POSTS AS REQUIRED BY THE REGULATIONS.

SUB-RECORDER  
RECEIVED

NOV 27 1979

M.R. # 131981E 10.00

VANCOUVER, B.C.

RECORDER'S STAMP

*[Signature]*

SIGNATURE

WORK NO'S OR C/L	DATE RECORDED	MINING RECEIPT	DATE OF EXPIRY	TRANSFERS (BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)
8432	May 20/80	150892E	Nov. 27/81	B/S 633 M.R. 150890E NOV. 17/80 ALL INT. TO
10701	May 25/81	160993E	Nov. 27/82	<del>XXXXX</del> BRUCE ALLAN COCHRANE 5111 - 56 ST. DELTA, B.C.
	<i>work on file</i>			B/S 651 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATION LTD. 3000 - 1055 WEST GEORGIA ST., VANCOUVER, B.C. V6E 3R3

APPARENT CONT SEC6(2)

BY OSCAR I (1977) ORIGINAL

APPARENT CONT SEC6(2)

L 1072 BRUCE COCHRANE REC-760 OVER 13731 DANCECOM REC 751

F I C E R E C U S E

O F F I C E U S E

OPTIONS, AGREEMENTS, ETC.

GROUPING NOTICES, INCLUDING NAMES OF CLAIMS

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E  
MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760)  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159)  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (12)  
Franklin (121); Georgina (1097); Sandaulphon (109  
Nevada (1045); Imperial (1095); Emerald (993)  
Sunrise (982); Victor (974); Porcupine (975);

RECEIVED

MAP NO. 82F/6E

RECORD NO. 1367

MINING RECEIPT NO. 131981E

RECORDED AT Nelson

B.C. THIS 27 DAY OF November 1979

DO NOT WRITE IN SHADED AREAS

*Paul Reeves Willson*  
GOLD COMMISSIONER

Nelson  
MINING DIVISION

APPLICATION TO RECORD A 2-POST CLAIM

I, PAUL REEVES WILLSON (NAME) 4882 DELTA ST. DELTA, B.C. (ADDRESS)

HOLDER OF VALID SUBSISTING F.M.C. NO. 175278 STATE THAT:-

1 ON THE 9 DAY OF NOV. 1979 I LOCATED THE RULE #1 2-POST CLAIM SITUATE I.P. IS 2400m, 102° TRUE FROM THE JUNCTION OF PORCUPINE CR. & SALMO RIVER (SOUTH OF YMIR, B.C.)  
(HERE DESCRIBE THE POSITION OF THE CLAIM RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES ON THE MAP)

2 I HAVE PLACED THE NO. 1 AND NO. 2 LEGAL POSTS IN ACCORDANCE WITH THE REGULATIONS.

3 I HAVE SECURELY FASTENED TO THE NO. 1 POST, METAL TAG NO. 501707 M EMBOSSED "INITIAL POST (NO.1)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-  
NAME OF CLAIM RULE #1 DATE OF LOCATION NOV. 9-79  
LOCATOR P.F. WILLSON  
COMPASS BEARING TO NO.2 POST N 80° W DISTANCE TO NO.2 POST 1500'  
NO. OF METRES TO RIGHT Q.P.W. TO LEFT 1500' Feet. OF LOCATION LINE

4 I HAVE SECURELY FASTENED TO THE NO. 2 POST, METAL TAG NO. 501707 M EMBOSSED "FINAL POST (NO.2)", UPON WHICH THE FOLLOWING HAS BEEN IMPRESSED:-  
NAME OF CLAIM RULE #1 DATE OF LOCATION NOV. 9-79  
LOCATOR P.F. WILLSON

5 I HAVE MARKED THE LINE BETWEEN THE NO. 1 AND NO. 2 LEGAL POSTS AS REQUIRED BY THE REGULATIONS.

SUB-RECORDER RECEIVED  
1.0V 27 1979  
M.R. #131981E \$10.00  
VANCOUVER, B.C.  
RECORDER'S STAMP

*Paul Willson*  
SIGNATURE

WORK NO'S OR C/L	DATE RECORDED	MINING RECEIPT	DATE OF EXPIRY	TRANSFERS (BILLS OF SALE, ASSIGNMENTS, CONVEYANCES)
8433	May 20/80	150892E	Nov. 27/81	B/S 633 M.R. 150890E NOV. 17/80 ALL INT. TO <del>PAHXX</del> BRUCE ALLAN COCHRANE 5111 - 56 ST. DELTA, B.C.
10702	May 25/81	160993E	Nov. 27/82	
	<i>work on file</i>			B/S 651 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATION LTD. 3000 - 1055 WEST GEORGIA ST., VANCOUVER, B.C. V6E 3R3

APPARENTLY T SEC(2)  
L 4634 Porcupine  
Rec. 120

ORIGINAL

OVER

RECEIVED


OPTIONS, AGREEMENTS, ETC.

GROUPING NOTICES, INCLUDING NAMES OF CLAIMS

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E  
MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760)  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159)  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine(120  
Franklin (121); Georgina (1097); Sandaulphon (109  
Nevada (1045); Imperial (1095); Emerald (993);  
Sunrise (982); Victor (974); Porcupine (975);





Form A

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

MINERAL ACT

RECORD OF MINERAL CLAIM

Map No. 82F/6 E

Record No. 120

Mining Receipt No. 96700 E

Recorded at NELSON B.C. this 10 day of November 1975

DO NOT WRITE IN THIS SHADED AREA FOR OFFICE USE ONLY

*[Signature]*  
Deputy Mining Recorder

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Sec. 57, Mineral Act)

Mining Division NELSON

IAN M<sup>c</sup> LIRQUHART  
(Name)  
Box 933  
(Address)  
MERRITT, B.C.

agent for \_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Address)

F.M.C. No. 126914 issued MAY 26/75

F.M.C. No. \_\_\_\_\_ issued \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreage
<u>PORCUPINE</u>	<u>4634</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>51.65</u>
Total				<u>51.65</u>

The prescribed fee, in the amount of \$ 5.00, is submitted herewith.

*[Signature]*  
Signature

OFFICE USE ONLY

Time A.M. \_\_\_\_\_  
P.M. 2:45

Mining Receipt No. 96700 E

MR STAMP 75.00

Mining Receipt No. 96700 E  
NELSON, B.C.  
RECEIVED FOR RECORD  
NOV 10 1975

ORIGINAL BY

Rule 1 Sec 6(2) (15 x 5.00)  
Rec 1367

Work or Cash in Lieu

Rental

Transfers

Initial \$10 M.R.

(B/S's, Assignments, Conveyances)

Affid. No.	Mining Receipt and Date Recorded	Type	Year Work Recorded to	Control No.	Mining Receipt and Date Paid	Year Rental Paid to
317-2G	110933 E NOV. 10/76	G	1978			
387/89	123778E-61 Nov 8/78	G	1980			
440-43	150892E May 20/80	G	1982			
	<i>work on file</i>					

B/S 655 M.R. 150970E APR. 3/81 ALL INT. TO  
 NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE  
 P.O. BOX 11130 - 1055 W. GEORGIA ST.,  
 VANCOUVER, B.C. V6E 3R3

Options, Filing Agreements, etc.

Record or Filing Date

Grouping Notices, Including Names of Claims

10087-1 Group - 2127 - Claims in group:  
 Porcupine L. 4624 (120); Franklin L. 4625 (121)  
 Champagne L. 5131 (125) Recorded Nov 8/78  
 M.R. No. 123778 E

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E  
 MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760)  
 Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159)  
 BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
 Rule No. 1 (1367); Champagne (125); Porcupine 120  
 Franklin (121); Georgina (1097); Sandaulphon 10  
 Nevada (1045); Imperial (1095); Emerald (905)  
 Sunrise (982); Victor (974); Porcupine (915)

Name of claimant

Form A



DEPARTMENT OF MINES AND PETROLEUM RESOURCES

MINERAL ACT

RECORD OF MINERAL CLAIM

Map No. 82F/6 E Record No. 121
Mining Receipt No. 96700 E
Recorded at NELSON, B.C. this 10 day of November 1975

DO NOT WRITE IN THIS SHADED AREA FOR OFFICE USE ONLY

Handwritten signature of M. D. ... Deputy Mining Recorder

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM (Sec. 57; Mineral Act)

Mining Division NELSON

I, IAN MC. HROUHART (Name) Box 933 (Address) MERRITT, B.C.

agent for (Name) (Address)

F.M.C. No. 126914 issued MAY 26/75 F.M.C. No. issued

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Table with 5 columns: Name of Claim, Lot No., Mining Division, Land District, Acreage. Row 1: FRANKLIN, 4635, NELSON, KOOTENAY, 23.07. Total: 23.07

The prescribed fee, in the amount of \$ 5.00 is submitted herewith.

Handwritten signature of I. McHrouhart Signature

Stamp box containing: OFFICE USE ONLY, Time A.M., P.M. 2:45, Mining Resources Branch NELSON, B. C., RECEIVED FOR RECORD, NOV 10 1975, Mining Receipt No. 96700 E, MR. STAMP 75.00 (15x5.00)

ORIGINAL

Work or Cash in Lieu

Rental

Transfers

(B/S's, Assignments, Conveyances)

Initial \$10 M.R.

B/S 655 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 - 1055 W. GEORGIA ST., VANCOUVER, B.C. V6E 3R3

Affid. No.	Mining Receipt and Date Recorded	Type	Year Work Recorded to	Control No.	Mining Receipt and Date Paid	Year Rental Paid to
13/934G	110933 E NOV. 10/76	G	1978			
2390/92	123778 & Nov 8, 1978	G	1980			
444-47	150892E May 20/80	G	1982			
	<i>work on file</i>					

Options, Filing Agreements, etc.

Record or Filing Date

Grouping Notices, Including Names of Claims

PORCUPINE GROUP: - 2127 - Claims in group; Porcupine L. 4634 (120); Franklin L. 4635 (121); Champagne L. 45131 (125) recorded Nov 8/7; M. A. No. 123778

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760) Royer (761); BQ1 (1157); BQ 2 (1158); BQ 3 (1159) BQ 4 (1160); Twilight (1007); Scale No. 1 (1366); Rule No. 1 (1367); Champagne (125); Porcupine (121) Franklin (121); Georgina (1097); Sandaulphon (109) Nevada (1045); Imperial (1095); Emerald (993); Sunrise (982); Victor (974); Porcupine (975);



Form A

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

MINERAL ACT

RECORD OF MINERAL CLAIM

Map No. 82E/6 E

Record No. 125

Mining Receipt No. 96700 E

Recorded at NELSON B.C., this 10 day of November 1975

DO NOT WRITE IN THIS SHADED AREA FOR OFFICE USE ONLY

*[Signature]*  
Deputy Mining Recorder

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Sec. 57, Mineral Act)

Mining Division NELSON

I, IAN M. URQUHART

agent for

(Name)

(Name)

Box 933

(Address)

(Address)

MERRITT, B.C.

F.M.C. No. 126914 issued MAY 26/75

F.M.C. No. issued

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreage
CHAMPLAGNE	5131	NELSON	KOOTENAY	18.36
Total				18.36

The prescribed fee, in the amount of \$ 5.00, is submitted herewith.

*[Signature]*  
Signature

OFFICE USE ONLY

Time A.M. \_\_\_\_\_  
P.M. 2:45

NELSON, B.C.  
RECEIVED FOR RECORD

NOV 10 1975

Mining Receipt No. 96700 E

FEE \$ 75.00  
MR STAMP (15 x 5.00)

ORIGINAL

Affid. No.	Mining Receipt and Date Recorded	Type	Year Work Recorded to	Control No.	Mining Receipt and Date Paid	Year Rental Paid to
15/006G	110933 E NOV. 10/76	G	1978			
393/95	123778, Nov 8/78	G	1980			
8448-51	150892E May 20/80	G	1982			
	<i>work on file</i>					

B/S 655 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 - 1055 W. GEORGIA ST., VANCOUVER, B.C. V6E 3R3

Options, Filing Agreements, etc.	Record or Filing Date	Grouping Notices, Including Names of Claims
		<p>PERCUPINE GROUP: - 2127 - Claims in group: Porcupine L. 4654 (120); Franklin L. 4635 (121) Champagne L. 5131 (125); recorded Nov 8/78 H. N. No 123778 E</p> <p>SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760); Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159); BQ 4 (1160); Twilight (1007); Scale No. 1 (1366); Rule No. 1 (1367); Champagne (125); Porcupine 120 Franklin (121); Georgina (1097); Sandaulphon 1096 Nevada (1045); Imperial (1095); Emerald (993); Sunrise (982); Victor (974); Porcupine (975)</p>

RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 11479

RECORD NO. 1065



RECORDED AT Nelson B.C. THIS 9 DAY OF April 19 79

DO NOT WRITE IN SHADED AREAS FOR OFFICE USE ONLY

MINING RECORDER Gold Commissioner Nelson MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Sec. 57, Mineral Act)

CHARLIE F. GRAHAM (NAME)

AGENT FOR

Box 910 MERRITT B.C. (ADDRESS)

VALID SUBSISTING F.M.C. No. 170681

VALID SUBSISTING F.M.C. No.

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acres
NEVADA	3504	NELSON	KOOTENAY	48.50

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total 48.50

Signature of Charlie F. Graham

Office Use Only stamp area containing: Mining Recorder's Office NELSON, B.C. RECEIVED FOR RECORD APR 9 - 1979 Mining Receipt No. 114794E Fee \$ 3 x 25 = \$ 75 MR STAMP

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)
6834	Mar 20/80	140642E	Apr 9/81	B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3
8439	May 20/80	150892E	Apr. 9/82	
C/L 266	Apr. 9/81	160714E	Apr. 9/83	
	work on file			


Options, Agreement, etc.

Grouping Notices, Including Names of Claims

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E  
MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760);  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159);  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (120);  
Franklin (121); Georgina (1097); Sandaulphone (109);  
Nevada (1045); Imperial (1095); Emerald (993);  
Sunrise (982); Victor (974); Porcupine (975);



RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 114833E

RECORD NO. 1096



RECORDED AT Nelson B.C., THIS 31 DAY OF May 1979

DO NOT WRITE IN SHADED AREAS FOR OFFICE USE ONLY

*[Handwritten signature]*

MINING RECORDER Gold Commissioner

MINING DIVISION

Nelson

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Sec. 57, Mineral Act)

CHARLIE F. GRAHAM

AGENT FOR

(NAME)

(NAME)

Box 910 MERRITT B.C.

(ADDRESS)

(ADDRESS)

VALID SUBSISTING F.M.C. No. 170681

VALID SUBSISTING F.M.C. No.

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreege
SANDRAULPHAN	4639	NELSON	KUTENAY	6.14

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total 6.14

*Charlie F. Graham*  
Signature

OFFICE USE ONLY

Time A.M. 11:00 P.M.

MINING RECORDER'S OFFICE  
NELSON, B. C.  
RECEIVED FOR RECORD  
MAY 31 1979  
Mining Receipt No. 114833E  
FEE \$ 3x25 = \$75.  
MR STAMP

Work No.'s	Recorded	M.R.	Year of Expiry
8452 - 8453	May 20/80	150892E	May 31/82
	<i>work on file</i>		

Transfers  
(Bills of Sale, Assignments, Conveyances)  
B/S 653 H.R. 150970E APR. 3/81 ALL INT. TO  
NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE  
P.O. BOX 11130 1055 W. GEORGIA ST., VANCOUVE  
B.C. V6E 3R3

ORIGINAL

Options, Agreement, etc.

Grouping Notices, Including Names of Claims

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596  
MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760);  
Rover (761); BQ 1 (1157); Bq 2 (1158); BQ 3 (1159);  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (120);  
Franklin (121); Georgina (1097); Sandaulphon (1096);  
Nevada (1045); Imperial (1095); Emerald (993);  
Sunrise (982); Victor (974); Porcupine (975);

RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 114833E



RECORD NO. 1097

RECORDED AT Nelson, B.C. THIS 31 DAY OF May 19 79

DO NOT WRITE IN  
SHADED AREAS  
FOR OFFICE USE ONLY

*[Handwritten Signature]*  
MINING RECORDER  
Gold Commissioner  
MINING DIVISION  
Nelson

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Sec. 57, Mineral Act)

CHARLIE F. GRAHAM  
(NAME)  
Box 910 MERRITT, B.C.  
(ADDRESS)

AGENT FOR

\_\_\_\_\_  
(NAME)  
\_\_\_\_\_  
(ADDRESS)

VALID SUBSISTING F.M.C. No. 170681

VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreage
<u>GORGINA</u>	<u>5130</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>33.74</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total 33.74

*[Handwritten Signature]*  
Signature

OFFICE USE ONLY	Time A.M. <u>11:00</u>	Mining Recorder's Office NELSON, B. C. RECEIVED FOR RECORD <u>MAY 31 1979</u> Mining Receipt No. <u>114833E</u> MR STAMP \$ <u>3x25 = \$75.</u>
	P.M. _____	

Work No.'s	Recorded	M.R.	Year of Expiry
<u>8454 - 8455</u>	<u>May 20/80</u>	<u>150892E</u>	<u>May 31/82</u>
	<i>work on file</i>		

Transfers  
(Bills of Sale, Assignments, Conveyances)  
B/S 653 H.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3

EXPIRY

(Bills of Sale, Assignments, Conveyances)


Options, Agreement, etc.

Grouping Notices, Including Names of Claims

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E  
 MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760);  
 Rover (761); BQ 1 (1157); Bq 2 (1158); BQ 3 (1159)  
 BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
 Rule No. 1 (1367); Champagne (125); Porcupine (120)  
 Franklin (121); Georgina (1097); Sandaulphon (1096)  
 Nevada (1045); Imperial (1095); Emerald (993);  
 Sunrise (982); Victor (974); Porcupine (975);

RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 114833E

RECORD NO. 1095



RECORDED AT Nelson

B.C. THIS 31 DAY OF May 19 79

DO NOT WRITE IN SHADED AREAS

FOR OFFICE USE ONLY

*[Handwritten signature]*

Nelson

MINING DIVISION

MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Sec. 57, Mineral Act)

CHARLIE F. GRAHAM  
(NAME)  
Box 910 MERRITT, B.C.  
(ADDRESS)

AGENT FOR

(NAME)

(ADDRESS)

VALID SUBSISTING F.M.C. No. 170681

VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreege
<u>IMPERIAL</u>	<u>3025</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>37.43</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total 37.43

*Charlie F. Graham*  
Signature

Time A.M. 11:00  
P.M. \_\_\_\_\_

OFFICE USE ONLY

Mining Recorder's Office  
NELSON, B. C.  
RECEIVED FOR RECORD

**MAY 31 1979**

Mining Receipt No. 114833E

FEE \$ 3x25 = \$75.

MR STAMP

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)
<u>8456 - 8457</u>	<u>May 20/80</u>	<u>150892E</u>	<u>May 31/82</u>	<u>B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 - 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3</u>
	<u>work on file</u>			

ORIGINAL

Expiry

(Bills of Sale, Assignments, Conveyances)

Options, Agreement, etc.

Grouping Notices, Including Names of Claims

SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596  
MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760);  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159);  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (120);  
Franklin (121); Georgina (1097); Sandaulphone (1096);  
Nevada (1045); Imperial (1095); Emerald (993);  
Sunrise (982); Victor (974); Porcupine (975);

MAP NO. 828/25

FORM A

RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 114761

RECORD NO. 982



RECORDED AT NELSON

B.C., THIS 29 DAY OF MARCH 19 79

DO NOT WRITE IN SHADED AREAS

*[Handwritten scribble]*

NELSON

FOR OFFICE USE ONLY

~~GOLD COMMISSIONER'S OFFICE~~

MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Mineral Act)

CHARLIE F. GRAHAM

(NAME)

AGENT FOR

(NAME)

Box 910 MERRITT B.C.

(ADDRESS)

(ADDRESS)

VALID SUBSISTING F.M.C. No. 170681

VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreage
<u>SUNRISE</u>	<u>4385</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>38.17</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total

*Charlie F. Graham*

Signature

Time A.M. \_\_\_\_\_  
P.M. 4.00

OFFICE USE ONLY

MINING DIVISION'S OFFICE  
NELSON, B.C.  
RECEIVED FOR RECORD

**MAR 29 1979**

Mining Receipt No. 114761 E

MR STAMP \$ 350.00

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers
				(Bills of Sale, Assignments, Conveyances)
<u>6833</u>	<u>Mar 20/80</u>	<u>140642E</u>	<u>Mar 29/81</u>	<u>B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO WITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 - 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3</u>
<u>8434</u>	<u>Mar. 20/80</u>	<u>150892E</u>	<u>Mar. 29/82</u>	
<u>12487</u>	<u>Mar. 30/81</u>	<u>160495E</u>	<u>Mar. 29/83</u>	
	<u>work on file</u>			

APPARENT CONT SEC6(2)  
BY TARGET 1 (1979)

EXPIRY

(Bills of Sale, Assignments, Conveyances)


Options, Agreement, etc.

Grouping Notices, Including Names of Claims

SUPPLEMENTAL NOTICE TO GROUP: #2464 M.R. 141596E  
 MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760);  
 Rover-(761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159)  
 BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
 Rule No. 1 (1367); Champagne (125); Porcupine (120)  
 Franklin (121); Georgina (1097); Sandaulphon (1096);  
 Nevada (1045); Imperial (1095); Emerald (993);  
 Sunrise (982); Victor (974); Porcupine (975);



MAP NO. 82F/3E

Form A

RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 114761 E



RECORD NO. 993

RECORDED AT NELSON, B.C., THIS 29 DAY OF MARCH 1979

DO NOT WRITE IN SHADED AREAS

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~~GOLD COMMISSIONER~~

NELSON  
MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Mineral Act)

CHARLIE F. GRAHAM  
(NAME)

AGENT FOR

(NAME)

Box 910 MERRITT, B.C.  
(ADDRESS)

(ADDRESS)

VALID SUBSISTING F.M.C. No. 170681

VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreage
<u>EMERALD</u>	<u>2907</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>30.76</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total

Charlie F. Graham  
Signature

OFFICE USE ONLY

Time A.M. \_\_\_\_\_  
P.M. 4.00

MAR 29 1979

Mining Receipt No. 114761 E

MR STAMP \$ 350.00

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)
<u>6832</u>	<u>Mar 20/80</u>	<u>140642E</u>	<u>Mar 29/81</u>	<u>B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITREX EXPLORATIONS LTD. 3000 ROYAL CENTRE P.O. BOX 11130 - 1055 W. GEORGIA ST., VANCOUVER B.C. V6E 3R3</u>
<u>8435</u>	<u>May 20/80</u>	<u>150892E</u>	<u>Mar. 29/82</u>	
<u>12488</u>	<u>Mar. 30/81</u>	<u>160495E</u>	<u>Mar. 29/83</u>	
	<u>work on file</u>			

APPARENT CONT SEC6(2)  
BY TARGET / ORIGINAL


Options, Agreement, etc.

Grouping Notices, including Names of Claims

SUPPLEMENTAL NOTICE TO GROUP: #2464 M.R. 141596E  
MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760);  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159);  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (120);  
Franklin (121); Georgina (1097); Sandaulphon (1096);  
Nevada (1045); Imperial (1095); Emerald (993);  
Sunrise (982); Victor (974); Porcupine (975);

FORM A  
RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 114761 E



RECORD NO. 974

RECORDED AT NELSON, B.C., THIS 29 DAY OF MARCH 19 79

DO NOT WRITE IN  
SHADED AREAS  
FOR OFFICE USE ONLY

*[Signature]*  
**NELSON**  
MINING DIVISION

**APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM**

(Mineral Act)

CHARLIE F. GRAHAM  
(NAME)  
Box 910 MERRITT, B.C.  
(ADDRESS)

AGENT FOR \_\_\_\_\_ (NAME)  
\_\_\_\_\_  
(ADDRESS)

VALID SUBSISTING F.M.C. No. 170681 VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acres
<u>VICTOR</u>	<u>2906</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>50.04</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total

*Charlie F. Graham*  
Signature

Time A.M. \_\_\_\_\_ P.M. 4.00

OFFICE USE ONLY

MINING DIVISION  
NELSON, B.C.  
RECORDED  
**MAR 29 1979**  
MINING RECEIPT NO. 114761 E  
MR STAMP \$350.00

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers
				(Bills of Sale, Assignments, Conveyances)
<u>6831</u>	<u>March 20/80</u>	<u>140642E</u>	<u>Mar 29/81</u>	<u>B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE PO BOX 11130 - 1055 W. GEORGIA ST. VANCOUVER B.C. V6E 3R3</u>
<u>8436</u>	<u>May 20/80</u>	<u>150892E</u>	<u>Mar. 29/82</u>	
<u>12489 - 12491</u>	<u>Mar. 30/81</u>	<u>160495E</u>	<u>Mar. 29/84</u>	
	<i>work on file</i>			

APPARENT CONT SEC6(2)  
BY TARGET 1/10 ORIGINAL


Options, Agreement, etc.

Grouping Notices, Including Names of Claims

**SUPPLEMENTAL NOTICE GROUP #2464 M.R. 141596E**  
**MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760)**  
**Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159)**  
**BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);**  
**Rule No. 1 (1367); Champagne (125); Porcupine (12)**  
**Franklin (121); Georgina (1097); Sandaulphon (109)**  
**Nevada (1045); Imperial (1095); Emerald (993);**  
**Sunrise (982); Victor (974); Porcupine (975);**

MAP NO. 82F/3E

Form A

RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 114761 E

RECORD NO. 975



RECORDED AT NELSON, B.C., THIS 29 DAY OF MARCH 19 79

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FOR OFFICE USE ONLY

~~GOLD COMMISSIONER'S OFFICE~~

NELSON  
MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED MINERAL CLAIM

(Mineral Act)

CHARLIE F. GRAHAM

AGENT FOR

(NAME)

(NAME)

Box 910 MERRITT, B.C.

(ADDRESS)

(ADDRESS)

VALID SUBSISTING F.M.C. No. 170681

VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreage
<u>PORCUPINE</u>	<u>2908</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>42.24</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total

Charlie F. Graham  
Signature

OFFICE USE ONLY

Time A.M. \_\_\_\_\_  
P.M. 4:00

MAR 29 1979

MINING RECEIPT NO. 114761 E

MR STAMP 350.00

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)
<u>6830</u>	<u>March 20/80</u>	<u>140642E</u>	<u>Mar 29/81</u>	<u>B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE PO BOX 11130 - 1055 W. GEORGIA ST. VANCOUVER B.C. V6E 3R3</u>
<u>8437</u>	<u>May 20/80</u>	<u>150892E</u>	<u>Mar. 29/82</u>	
<u>12492 - 12494</u>	<u>Mar. 30/81</u>	<u>160495E</u>	<u>Mar. 29/84</u>	
	<u>work on file</u>			

ORIGINAL

Options, Agreement, etc.

Grouping Notices, Including Names of Claims

SUPPLEMENTAL NOTICE GROUP #2464 M.R. 141596E  
MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760);  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159)  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (120)  
Franklin (121); Georgina (1097); Sandaulphon (1096)  
Nevada (1045); Imperial (1095); Emerald (993);  
Sunrise (982); Victor (974); Porcupine (975);

MAP NO. 82F/6E

Form A

RECORD OF MINERAL CLAIM

MINING RECEIPT NO. 114771E

RECORD NO. 1007



RECORDED AT Nelson

B.C. THIS 30 DAY OF March 19 79

DO NOT WRITE IN  
SHADED AREAS  
FOR OFFICE USE ONLY

MINING RECORDER

MINING DIVISION

Nelson

APPLICATION FOR REVERTED CROWN GRANTED MINERAL CLAIM

(Mineral Act)

CHARLIE F. GRAHAM AGENT FOR

(NAME)

(NAME)

Box 910 MERRITT, B.C.

(ADDRESS)

(ADDRESS)

VALID SUBSISTING F.M.C. No. 170681

VALID SUBSISTING F.M.C. No. \_\_\_\_\_

make application for a record of a mineral claim of the following reverted Crown-granted mineral claim(s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 40 acres.

Name of Claim	Lot No.	Mining Division	Land District	Acreage
<u>TWILIGHT</u>	<u>3767</u>	<u>NELSON</u>	<u>KOOTENAY</u>	<u>48.30</u>

The prescribed fee, in the amount of \$ 25.00, is submitted herewith.

Total 48.30

Charlie F. Graham  
Signature

Time A.M. 9:30  
P.M. \_\_\_\_\_

OFFICE USE ONLY

Mining Recorder's Office  
NELSON, B.C.  
RECEIVED FOR RECORD

**MAR 30 1979**

Mining receipt no. 114771E  
FEE \$ 6 x 25 = 150.00  
MR STAMP

Work No.'s	Recorded	M.R.	Year of Expiry	Transfers
				(Bills of Sale, Assignments, Conveyances)
<u>6829</u>	<u>March 30/80</u>	<u>140642E</u>	<u>Mar 30/81</u>	<b>B/S 653 M.R. 150970E APR. 3/81 ALL INT. TO NITHEX EXPLORATIONS LTD. 3000 ROYAL CENTRE PO BOX 11130 - 1055 W. GEORGIA ST. VANCOUVER B.C. V6E 3R3</b>
<u>8438</u>	<u>May 20/80</u>	<u>150892E</u>	<u>Mar. 30/82</u>	
<u>12495</u>	<u>Mar. 30/81</u>	<u>160495E</u>	<u>Mar. 30/83</u>	
	<u>work on file</u>			

ORIGINAL

WORK NO. 2

RECORDS

Expiry

(Bills of Sale, Assignments, Conveyances)


EMER

Options, Agreement, etc.

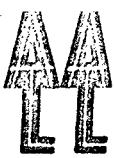
Grouping Notices, Including Names of Claims

**SUPPLEMENTAL NOTICE TO GROUP #2464 M.R. 141596E  
MARCH 13, 1980 CLAIMS IN GROUP: Blue Quartz (760)  
Rover (761); BQ 1 (1157); BQ 2 (1158); BQ 3 (1159)  
BQ 4 (1160); Twilight (1007); Scale No. 1 (1366);  
Rule No. 1 (1367); Champagne (125); Porcupine (12  
Franklin (121); Georgina (1097); Sandaulphon (109  
Nevada (1045); Imperial (1095); Emerald (993)  
Sunrise (982); Victor (974); Porcupine (975);**



APPENDIX II

GEOCHEMICAL ASSAY CERTIFICATES



To: NitheX Exploration Ltd.,  
1020 - 475 Howe St.,  
Vancouver, B.C.

Assaying & Trace Analysis  
852 E. Hastings St., Vancouver, B. C. V6A 1R6  
phone: 253 - 3158

Attn.: Mr. P. Richardson  
c.c. Mr. Rick Black, Salmo, B.C.

File No. 81-1068

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

1	SAMPLE No.	Pb	Zn	Ag	Au																	
																						1
																						2
																						3
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2N 0+25 E            65   498   1.6   .005  
 0+50                 33   200   .6   .005  
 2N 0+75 E           31   168   .4   .005

547 2710 195

All reports are the confidential property of clients  
 All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981

DATE REPORTS MAILED Aug. 25, 1981

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
 CHIEF CHEMIST  
 CERTIFIED B.C. ASSAYER



To: Nithex Exploration Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-1068

Type of Samples

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Pb	Zn	Ag	Au						
2N 1 E	33	270	.2	.005						1
1+25	36	260	.1	.010						2
1+50	40	280	.1	.005						3
1+75	38	290	.6	.005						4
2N 2 E	29	285	.3	.005						5
										6
4N BL	29	250	.9	.005						7
0+25 E	44	185	.1	.015						8
4N 0+50 E	57	235	.4	.005						9
										10
4N 0+25 W	32	165	1.6	.005						11
0+50	29	198	1.6	.005						12
0+75	68	415	1.2	.010						13
1	38	164	.4	.005						14
1+25	44	505	.7	.010						15
										16
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										27
										28
										29
5N BL	36	312	.3	.035						30
0+25 E	25	215	.5	.010						31
0+50	34	250	.3	.005						32
0+75	42	230	.4	.005						33
1	35	165	.1	.010						34
1+25	32	145	.1	.005						35
1+50	29	165	.1	.010						36
										37
										38
										39
										40

253 10272 2406 400

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QUESTION:.....

TERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981

DATE REPORTS MAILED Aug. 25, 1981

ASSAYER Dean Toyer

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER

To: Nithex Exploration Ltd.,

File No. 81-1068

Type of Samples \_\_\_\_\_

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	Au						
5N 0+25 W	35	345	.4	.005						1
0+50	41	260	.5	.005						2
0+75	35	270	.2	.005						3
1	36	202	.4	.005						4
1+25	31	110	.6	.005						5
1+50	49	200	.4	.005						6
1+75	49	180	.3	.005						7
2	68	436	.4	.015						8
4+75	49	240	.3	.005						9
5	70	540	2.3	.010						10
5+25	65	315	1.4	.005						11
5+50	115	780	1.9	.025						12
5+75	114	710	1.5	.020						13
6	130	430	1.0	.015						14
6+25	69	370	1.1	.005						15
6+50	50	215	.9	.020						16
6+75	110	236	6.1	.075						17
7	140	395	2.6	.010						18
7+25	100	470	.6	.015						19
7+50	66	295	1.0	.010						20
7+75	72	380	1.1	.010						21
8	92	490	.9	.020						22
8+25	118	200	1.3	.015						23
8+50	65	398	.7	.005						24
8+75	168	380	1.1	.010						25
										26
										27
6N BL	30	220	1.0	.005						28
0+25 E	31	190	.8	.005						29
0+50	37	230	1.2	.005						30
0+75	31	175	.5	.005						31
1	36	150	.4	.005						32
1+25	41	220	.5	.005						33
1+50	27	130	.7	.005						34
1+75	40	290	.5	.005						35
2	29	260	.6	.005						36
6N 2+25 E	36	228	.4	.010						37
										38
										39
										40

2152 11540 2771 380

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 DISPOSITION:.....  
 DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981  
 DATE REPORTS MAILED Aug. 25, 1981  
 ASSAYER Dean Toye  
 DEAN TOYE, B.Sc.  
 CHIEF CHEMIST  
 CERTIFIED B.C. ASSAYER

47



To: Nithex Exploration Ltd.,

File No. 81-1068

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Pb	Zn	Ag	Au						
2N 4+50 W	127	1070	1.5	.005						1
4+75	395	1095	9.3	.020						2
5	94	545	2.0	.005						3
2N 5+25 W	120	456	1.5	.005						4
										5
2N 8+25 W	56	435	.1	.005						6
8+50	70	265	.3	.005						7
8+75	54	275	.3	.005						8
9	82	395	.2	.015						9
										10
										11
										12
										13
										14
3N BL	34	195	.3	.005						15
3N 0+25 E	30	180	.6	.005						16
										17
3N 0+25 W	45	188	.5	.005						18
0+50	44	375	.8	.005						19
+75	33	205	1.2	.005						20
1	39	345	.4	.005						21
1+25	35	230	.1	.005						22
1+50	43	278	.4	.005						23
1+75	38	258	.2	.005						24
2	45	240	.1	.005						25
2+25	45	225	.1	.005						26
2+50	38	290	.1	.005						27
2+75	37	225	.3	.005						28
3	47	195	.4	.005						29
3+25	54	196	.3	.005						30
3+50	40	160	.5	.005						31
3+75	86	285	.8	.005						32
4	47	198	.5	.005						33
4+25	68	275	.8	.005						34
4+50	77	270	.6	.005						35
4+75	52	495	.3	.005						36
5	50	480	.8	.030						37
										38
										39
										40

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 CLIENT'S NAME:.....  
 LOCATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981  
 DATE REPORTS MAILED Aug. 25, 1981  
 ASSAYER D. Toyer

DEAN TOYE, B.Sc.  
 CHIEF CHEMIST  
 CERTIFIED B.C. ASSAYER

132225

37

*[Handwritten signature]*



To: Nithex Exploration Ltd.,

File No. 81-1068

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Pb	Zn	Ag	Au						
6N 0+25 W	35	298	.7	.005						1
0+50	40	290	.3	.010						2
0+75	50	246	.3	.005						3
<del>1</del>	<del>46</del>	<del>180</del>	<del>1.5</del>	<del>.005</del>						<del>4</del>
<del>5</del>	<del>70</del>	<del>320</del>	<del>.6</del>	<del>.010</del>						<del>5</del>
5+25	56	405	.7	.005						6
5+50	44	255	.5	.005						7
5+75	62	285	.4	.020						8
6	68	200	.5	.005						9
6+25	51	202	.5	.005						10
6+50	70	218	.5	.005						11
6+75	62	210	.8	.010						12
7	78	898	4.1	.005						13
7+25	280	645	1.1	.025						14
7+50	144	330	1.8	.030						15
7+75	65	220	1.0	.010						16
8	135	310	1.8	.010						17
8+25	580	606	18.0	.065						18
8+50	65	240	2.0	.005						19
8+75	70	230	1.4	.015						20
9	100	225	2.3	.010						21
										22
										23
										24
										25
										26
7N BL	37	150	.3	.005						27
0+25 E	44	180	.6	.005						28
0+50	38	158	.2	.005						29
0+75	152	405	6.6	.025						30
1	42	130	.2	.010						31
7N 1+25 E	68	240	2.5	.010						32
										33
7N 1 W	52	360	.7	.005						34
1+25	48	112	.4	.005						35
1+75	42	165	.1	.005						36
2	52	180	.4	.005						37
2+25	75	268	.4	.005						38
7N 2+50 W	90	295	.6	.100						39
										40

1256 3159 475

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RECOMMENDATION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981

DATE REPORTS MAILED Aug. 25, 1981

ASSAYER *D. Toye*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Nithex Exploration Ltd.,

AGRI ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-1068

Type of Samples \_\_\_\_\_

Disposition \_\_\_\_\_

### GEOCHEMICAL ASSAY CERTIFICATE

5	SAMPLE No.	Pb	Zn	Ag	Au							
7N	2+75 W	155	315	1.0	.020							1
	3	65	280	.8	.040							2
	3+25	46	366	.4	.005							3
	3+50	36	375	.4	.005							4
	3+75	59	376	.1	.005							5
	4	68	385	.1	.005							6
	4+25	102	458	.8	.005							7
	4+50	100	390	1.1	.010							8
	4+75	82	290	.9	.010							9
	5	152	405	.8	.020							10
	5+25	64	245	.6	.005							11
	5+50	54	150	.4	.005							12
	5+75	59	220	.5	.005							13
	6	46	155	.8	.005							14
	6+25	89	185	.5	.010							15
	6+50	79	190	.4	.015							16
	6+75	54	215	.6	.005							17
	7	49	165	.3	.020							18
	7+25	48	175	.4	.005							19
	7+50	415	432	1.6	.010							20
	7+75	245	595	.4	.005							21
	8	75	590	1.2	.010							22
	8+25	68	310	.8	.010							23
	8+50	106	278	.9	.010							24
	8+75	480	638	1.3	.085							25
	9	215	470	1.4	.010							26
7N	9+25 W	250	895	2.1	.005							27
												28
												29
8N												30
	1	30	140	.8	.010							31
	1+25	34	148	.4	.005							32
	1+50	29	115	.1	.005							33
	1+75	36	185	.5	.015							34
	2	35	206	.2	.020							35
												36
												37
												38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981

DATE REPORTS MAILED Aug. 25, 1981

ASSAYER Dean Toy

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C. V6A 1R6

phone: 253 - 3158

To: NitheX Exploration Ltd.,

File No. 81-1068

Type of Samples \_\_\_\_\_

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	Au							
											1
											2
											3
											4
											5
											6
											7
											8
											9
8N 1	W	78	205	.5	.005						10
1+25		64	240	.4	.025						11
1+50		50	190	.6	.005						12
1+75		56	260	.5	.005						13
2		50	210	.4	.005						14
2+25		44	200	.4	.005						15
2+50		46	230	.5	.010						16
2+75		54	226	.5	.040						17
3		45	226	.6	.005						18
3+25		65	380	.5	.010						19
3+50		72	725	.4	.005						20
3+75		58	340	.3	.005						21
4		1200	940	6.6	.045						22
4+25		135	600	.7	.020						23
4+50		129	495	3.8	.005						24
4+75		142	830	.7	.010						25
5		102	785	.7	.030						26
5+25		176	635	.8	.015						27
5+50		610	1400	1.6	.025						28
5+75		102	625	2.9	.020						29
6		54	250	.7	.005						30
6+25		115	240	.6	.010						31
6+50		85	305	.3	.005						32
6+75		56	250	.7	.010						33
7		40	210	.3	.015						34
7+25		49	195	.4	.005						35
7+50		126	295	1.0	.010						36
8N 7+75		72	250	.5	.015						37
											38
											39
											40

13332 3711 410

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DIRECTION:.....  
DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981  
DATE REPORTS MAILED Aug. 25, 1981  
ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





To: Nithex Exploration Ltd.,

File No. 81-1068

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Pb	Zn	Ag	Au						
8N 8 W	220	525	.8	.005						1
8+25	180	375	.6	.010						2
8+50	500	430	.8	.020						3
8+75	56	260	.7	.005						4
9	100	525	1.5	.005						5
9+25	75	290	1.1	.005						6
9+50	106	350	1.8	.005						7
9+75	55	250	.7	.005						8
										9
										10
										11
										12
9N 0+75 E	48	205	.5	.005						13
1	54	210	.5	.005						14
1+25	38	215	.7	.005						15
1+50	40	236	.6	.005						16
1+75	38	270	.5	.005						17
2	56	280	1.2	.005						18
2+25	43	245	.8	.005						19
2+50	46	305	.9	.005						20
2+75	46	210	.5	.005						21
3	33	208	.4	.005						22
3+25	52	220	.3	.005						23
3+50	41	225	.3	.005						24
3+75	52	84	.6	.005						25
4	50	154	.6	.005						26
4+25	41	198	.3	.005						27
4+50	32	95	.5	.005						28
4+75	37	106	.4	.005						29
9N 5 E	38	130	.5	.005						30
										31
9N 0+75 W	46	165	.6	.005						32
1	47	208	.6	.005						33
1+25	58	260	.5	.005						34
1+50	64	256	1.0	.005						35
1+75	280	336	1.0	.005						36
9N 2 W	86	270	.5	.005						37
										38
										39
										40

9122 3451 295

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981

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ASSAYER

*Dean Toyé*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Nithex Exploration Ltd.,

File No. 81-1068

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Pb	Zn	Ag	Au						
9N 2+25 W	66	302	.5	.005						1
2+50	49	404	.5	.005						2
2+75	67	480	.7	.005						3
3	68	350	.6	.005						4
3+25	83	460	.6	.005						5
3+50	107	445	.1	.010						6
3+75	310	825	1.1	.005						7
4	220	620	1.4	.005						8
5+25	72	2400	3.9	.020						9
5+50	52	310	.9	.005						10
5+75	69	920	.5	.005						11
6	102	430	1.0	.015						12
6+25	117	340	.9	.085						13
6+50	72	330	.4	.005						14
6+75	89	360	.8	.015						15
9N 7 W	87	446	.5	.005						16
										17
9N 7+25 W	180	815	1.2	.010						18
7+50	54	465	.6	.005						19
7+75	54	565	.5	.005						20
8	145	745	.5	.010						21
8+25	111	308	.5	.005						22
8+50	600	1050	1.1	.010						23
8+75	143	550	.7	.010						24
9	158	235	.6	.035						25
9+25	120	570	.9	.010						26
9+50	63	182	.4	.015						27
9+75	83	290	.9	.005						28
10	156	750	1.0	.010						29
10+25	59	208	.6	.015						30
10+50	45	290	.2	.005						31
9N 10+75 W	47	180	.5	.010						32
										33
10N 0+75 E	54	330	1.2	.005						34
1	48	375	1.1	.005						35
1+25	63	635	1.5	.005						36
1+50	50	465	.5	.005						37
10N 1+75 E	39	290	.4	.005						38
										39
										40

11872 4244 745

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981

DATE REPORTS MAILED Aug. 25, 1981

ASSAYER *D. Toye*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Nithex Exploration Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C. V6A 1R6

phone: 253 - 3158

File No. 81-1068

Type of Samples

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.			Pb	Zn	Ag	Au						
10N	2	E	39	230	.1	.010						1
	2+25		33	220	.1	.005						2
	2+50		30	256	.1	.005						3
	2+75		34	198	.1	.005						4
	3		33	165	.1	.005						5
	3+25		33	186	.1	.005						6
	3+50		70	158	.1	.005						7
	3+75		46	252	.4	.005						8
	4		74	440	.1	.005						9
	4+25		33	260	.1	.005						10
	4+50		28	190	.1	.005						11
	4+75		40	160	.1	.005						12
10N	5	E	27	126	.1	.005						13
												14
10N	2+50	W	40	180	.6	.005						15
	2+75		34	188	.1	.010						16
	3		57	420	.8	.005						17
	3+25		76	540	2.3	.005						18
	3+50		60	305	.4	.005						19
	3+75		125	390	1.1	.005						20
	4		94	365	.8	.010						21
	4+25		64	225	.5	.005						22
	6		52	280	.1	.010						23
	6+25		45	265	.1	.005						24
	6+50		154	410	.2	.020						25
	6+75		88	298	.6	.025						26
	7		106	375	.4	.010						27
	7+25		88	355	.1	.010						28
	7+50		87	410	.2	.045						29
	7+75		89	1400	2.1	.010						30
	8		172	940	1.1	.020						31
	8+25		490	590	1.3	.055						32
	8+50		205	720	.5	.015						33
	8+75		74	390	.5	.030						34
	9		70	305	.2	.010						35
	9+25		585	1250	.4	.005						36
	9+50		104	310	.4	.010						37
10N	9+75	W	78	250	.2	.025						38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15 1981

DATE REPORTS MAILED Aug. 25, 1981

ASSAYER

DEAN TOYÉ, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Nithex Exploration Ltd.,

File No. 81-1068

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

10

SAMPLE No.	Pb	Zn	Ag	Au									
11N 3 W	75	535	1.1	.005									1
3+25	51	280	1.0	.005									2
3+50	42	290	.9	.005									3
3+75	188	700	2.1	.015									4
4	2150	1665	11.1	.155									5
4+25	1050	595	4.3	.065									6
11N 4+50 W	80	475	.9	.010									7
													8
11N 7+25 W	41	205	.7	.005									9
7+50	90	390	.8	.005									10
7+75	53	540	.6	.005									11
8	109	516	.5	.030									12
8+25	70	270	.4	.005									13
8+50	190	410	.5	.005									14
8+75	128	505	.7	.005									15
9	90	530	.6	.005									16
11N 9+25 W	147	625	.7	.010									17
													18
													19
													20
													21
													22
													23
													24
													25
													26
													27
													28
													29
													30
													31
													32
													33
													34
													35
													36
													37
12N 4	90	560	.7	.005									38
12N 4+25 W	390	625	1.2	.015									39
	5914	14203	4.683	.455									40

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 15, 1981

DATE REPORTS MAILED Aug. 25, 1981

ASSAYER Dean Toye

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER

To: Nithex Exploration Ltd.,  
1020 - 475 Howe Street,  
Vancouver, B. C.

File No. 81-1002

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

CC: Mr. Rick Black, Nithex Exploration Ltd., Box 627, Salmo, B. C.

SAMPLE No.	Pb	Zn	Ag	Au						
1 0+00 0+00	108	290	1.2	.005						1
0+25E	62	235	.7	.005						2
0+50	28	230	.5	.005						3
0+75	44	187	.3	.005						4
1+00	48	225	.8	.005						5
1+25	46	205	.3	.005						6
1+50	32	135	.3	.005						7
1+75	42	205	.3	.005						8
2+00	40	230	.3	.005						9
2+25	38	134	.5	.005						10
0+00 2+50E	50	116	.5	.005						11
										12
0+00 0+25W	52	230	2.1	.005						13
0+50	50	210	1.2	.005						14
0+75	50	148	.8	.025						15
1+00	40	175	.8	.005						16
1+25	56	161	.4	.010						17
1+50	54	135	.4	.005						18
										19
										20
1+00N 0+00	40	245	.7	.005						21
0+25E	34	250	1.5	.005						22
0+25EA	42	220	.5	.005						23
0+50	38	180	.4	.005						24
0+75	42	184	.3	.005						25
1+00	46	215	.3	.005						26
1+25	44	190	.2	.005						27
1+50	42	230	.4	.005						28
1+75	38	250	.3	.010						29
2+00	40	242	.3	.005						30
1+00N 2+25E	32	210	.3	.005						31
										32
1+00N 0+50W	50	270	.9	.015						33
0+75	40	205	1.1	.015						34
1+00	32	200	1.5	.010						35
1+25	42	220	.7	.010						36
1+50	78	340	1.0	.005						37
1+75	60	156	.7	.105						38
										39
										40

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ASSAYER DEAN TOYE

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER

*Handwritten notes:*  
16072 1513 390 390  
36  
80



To: Nithex Exploration Ltd.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-1002

Type of Samples

Disposition

### GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Pb	Zn	Ag	Au						
										1
										2
										3
										4
										5
										6
										7
										8
										9
										10
										11
										12
										13
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										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
1+00S 0+00	42	192	.9	.005						25
0+25E	44	270	2.3	.005						26
0+50	42	179	1.3	.005						27
0+75	24	138	.7	.005						28
1+00	42	186	.3	.005						29
1+25	58	220	.6	.005						30
1+50	42	177	.2	.005						31
1+75	40	235	.4	.005						32
2+00	42	200	.4	.005						33
2+25	38	183	.1	.005						34
2+50	32	180	.2	.005						35
1+00S 2+75	30	173	.2	.005						36
										37
1+00S 0+25W	42	186	.4	.005						38
1+00S 0+50W	40	183	.4	.005						39
		4267	383	.95						40

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File No. 81-1092

Type of Samples Soils

### GEOCHEMICAL ASSAY CERTIFICATE

Disposition \_\_\_\_\_

SAMPLE No.	Pb	Zn	Ag	Au																		
3 1+00S 0+75W	30	117	.6	.005																	1	
1+00	30	64	.7	.030																	2	
1+25	40	159	.8	.015																	3	
																					4	
																						5
																						6
																						7
																						8
																						9
																						10
																						11
																						12
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																						14
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																						35
																						36
																						37
																						38
																						39
																						40

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DIGESTION:..... 37

DETERMINATION:.....

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CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



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File No. 81-1002

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

4

SAMPLE No.	Pb	Zn	Ag	Au						
										1
										2
										3
2+00N	0+00	Missing								4
	0+25W	40	580	.6	.005					5
	0+50	96	290	.8	.030					6
	0+75	48	185	.5	.020					7
	1+00	64	260	1.0	.020					8
	1+25	52	210	.5	.005					9
	1+50	64	250	2.3	.005					10
	1+75	60	187	.7	.010					11
	2+00	70	107	1.2	.010					12
										13
										14
2+00S	0+00	72	176	.8	.080					15
	0+25W	56	310	1.4	.015					16
	0+50	40	160	.5	.005					17
	0+75	58	275	4.5	.020					18
	1+00	34	157	1.1	.015					19
	1+25	40	104	.8	.020					20
										21
										22
	0+25E	32	175	1.3	.025					23
	0+50	44	165	1.6	.020					24
	0+75	34	240	1.3	.005					25
	1+00	28	200	1.0	.010					26
	1+25	32	108	.6	.005					27
	1+50	36	133	.5	.010					28
	1+75	40	154	.3	.010					29
	2+00	42	196	.3	.005					30
	2+25	34	148	.3	.005					31
	2+50	36	126	.3	.010					32
	2+75	32	160	.4	.015					33
										34
										35
										36
										37
										38
										39
										40

DETERMINATION:.....

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ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





To: Nithex Exploration Ltd.

File No. 81-1002

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

6

SAMPLE No.		Pb	Zn	Ag	Au																
																					1
																					2
																					3
																					4
																					5
																					6
3+00N	0+00	44	290	.6	.005																7
	0+25W	56	215	1.4	.015																8
	0+50	42	192	.6	.005																9
	0+75	46	1000	.6	.005																10
	1+00	40	198	.4	.005																11
	1+25	40	182	.4	.005																12
	1+50	50	147	.3	.005																13
	1+75W	48	178	.9	.005																14
																					15
	0+25E	40	192	.6	.005																16
	0+50	32	197	.3	.005																17
	0+75	40	154	.3	.005																18
	1+00	40	220	.3	.005																19
	1+25	50	255	.4	.010																20
	1+50	58	300	.7	.005																21
	1+75	50	210	.2	.020																22
																					23
																					24
																					25
																					26
																					27
																					28
																					29
																					30
																					31
																					32
																					33
																					34
																					35
																					36
																					37
3+00S	0+00	80	320	1.0	.025																38
	0+25W	62	100	.2	.005																39
3+00S	0+50W	23	260	.6	.020																40

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ASSAYER *D. Toye*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Nithex Exploration Ltd

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-1002

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

7

SAMPLE No.		Pb	Zn	Ag	Au						
3+00S	0+75W	42	194	.4	.030						1
	1+00	40	154	.5	.015						2
3+00S	0+25E	30	151	.7	.005						5
	0+50	46	190	.7	.005						6
	0+75	38	360	.1	.005						7
	1+00	32	235	.6	.005						8
	1+25	32	210	.4	.005						9
	1+50	34	250	.8	.005						10
	1+75	38	136	.2	.005						11
	2+00	34	194	.3	.005						12
	2+25	30	133	.3	.005						13
	2+50	30	132	.3	.005						14
	2+75	30	165	.1	.005						15
	3+00	34	145	.3	.005						16
	4+00N	8+00W	70	435	1.1	.005					
8+25		62	510	.9	.005						38
4+00N	8+50	42	330	2.0	.005						39
	8+75W	250	770	5.2	.120						40

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DETERMINATION:.....

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ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Nithex Exploration Ltd.

File No. 81-1002

Type of Samples Soils

Disposition \_\_\_\_\_

### GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Pb	Zn	Ag	Au																
																					1
																					2
																					3
																					4
																					5
																					6
																					7
																					8
																					9
																					10
4+00S	0+00	32	135	1.5	.050																11
	0+25W	40	230	.5	.010																12
	0+50	42	194	.6	.025																13
	0+75	40	122	.6	.005																14
4+00S	1+00W	44	153	.3	.010																15
																					16
4+00S	0+25E	38	260	.7	.010																17
	0+50	52	250	.8	.005																18
	0+75	30	215	.5	.005																19
	1+00	50	220	.5	.010																20
	1+25	44	220	.5	.005																21
	1+50	32	275	.8	.005																22
	1+75	40	240	.4	.005																23
	2+00	30	136	.4	.005																24
	2+25	32	95	.4	.005																25
	2+50	40	250	.3	.005																26
	2+75	36	138	.2	.005																27
	3+00	30	147	.2	.005																28
																					29
																					30
																					31
																					32
																					33
																					34
																					35
																					36
																					37
																					38
																					39
14+00N	0+00	50	270	.8	.005																40

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DETERMINATION:.....

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DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER

To: Nithex Exploration Ltd.

File No. 81-1002

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

9

SAMPLE No.	Pb	Zn	Ag	Au					
14+00N 0+25W	44	220	.2	.005					1
0+50	42	210	.3	.005					2
0+75	40	167	.4	.010					3
1+00	42	220	.4	.005					4
1+25	90	400	.6	.005					5
1+50	42	240	.2	.005					6
1+75	60	320	1.2	.005					7
2+00	58	360	.3	.005					8
2+25	48	460	.1	.005					9
2+50	50	260	.1	.005					10
2+75	60	290	.3	.010					11
3+00	60	270	.3	.005					12
3+25	76	225	.7	.015					13
3+50	54	370	.2	.005					14
3+75	50	210	.1	.005					15
4+00	62	260	1.2	.005					16
4+25	42	227	.1	.010					17
4+50	40	143	.2	.010					18
4+75	40	210	.2	.005					19
5+00	52	260	.4	.005					20
5+25	50	475	.3	.005					21
									22
									23
									24
									25
									26
14+00N 0+25E	50	186	1.0	.010					27
0+50E	42	166	.6	.015					28
									29
15+00N 0+00	42	160	.8	.130					30
0+25W	60	220	.3	.005					31
0+50	40	280	.2	.005					32
0+75	60	500	.4	.010					33
1+00	42	196	.3	.010					34
1+25	72	390	.3	.005					35
1+50	40	285	.1	.005					36
1+75	66	570	1.1	.020					37
2+00	42	440	.6	.015					38
2+25	60	490	.4	.005					39
15+00N 2+50W	62	580	.3	.010					40

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DIGESTION:.....

DETERMINATION:.....

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 CHIEF CHEMIST  
 CERTIFIED B.C. ASSAYER

To: Nithex Exploration Ltd.

File No. 81-1002

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

SAMPLE No.	Pb	Zn	Ag	Au																	
15+00N 2+75W	60	370	.3	.005																1	
3+00	120	650	1.8	.005																	2
3+25	84	695	1.4	.005																	3
3+50	52	468	.4	.005																	4
3+75	84	278	.7	.005																	5
4+00	56	490	.9	.010																	6
4+25	32	160	.3	.005																	7
4+50	54	270	.5	.005																	8
4+75	56	380	1.2	.005																	9
5+00	44	220	.4	.005																	10
5+25	50	270	.8	.005																	11
5+50	34	388	.3	.005																	12
5+75	42	250	.4	.005																	13
																					14
																					15
																					16
0+25E	52	190	.3	.005																	17
0+50	78	180	.2	.005																	18
0+75	40	165	.3	.005																	19
1+00	36	195	.2	.005																	20
																					21
																					22
																					23
																					24
																					25
16+00N 0+00	38	160	.1	.005																	26
0+25E	34	176	.1	.005																	27
0+50	36	215	.1	.005																	28
0+75	28	178	.1	.005																	29
1+00	40	195	.2	.005																	30
1+25	32	240	.2	.005																	31
1+50	40	168	.1	.005																	32
																					33
																					34
																					35
																					36
																					37
																					38
																					39
																					40

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File No. 81-1002

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

11

SAMPLE No.	Pb	Zn	Ag	Au						
										1
										2
										3
										4
										5
17+00N	0+00	40	166	.3	.005					6
	0+25W	32	137	.2	.005					7
	0+50W	36	205	.2	.005					8
	0+25E	32	183	.3	.005					9
	0+50	54	390	.3	.005					10
	0+75	36	410	.1	.005					11
	1+00	42	640	.4	.005					12
	1+25	46	730	.2	.010					13
	1+50	30	131	.1	.020					14
	1+75	34	118	.1	.005					15
	2+00	32	155	.1	.005					16
	2+25	42	146	.1	.055					17
	2+50	32	174	.1	.005					18
	2+75	40	178	.2	.005					19
	3+00	50	240	.1	.005					20
	3+25	34	128	.1	.005					21
	3+50	48	143	.1	.005					22
	3+75	50	220	.1	.005					23
17+00N										24
18+00N										25
										26
										27
										28
										29
										30
	0+25E	24	175	.1	.005					31
	0+50	42	750	.1	.020					32
	0+75	34	310	.2	.010					33
	1+00	38	250	.2	.005					34
	1+25	36	210	.3	.010					35
	1+50	38	197	.1	.005					36
	1+75	32	180	.2	.025					37
	2+00	40	190	.1	.005					38
	2+25	32	191	.1	.005					39
18+00N	2+50E	36	220	.2	.005					40

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DETERMINATION:.....

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ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



To: Nithex Exploration Ltd.,

File No. 81-1002

Type of Samples Soils

Disposition \_\_\_\_\_

**GEOCHEMICAL ASSAY CERTIFICATE**

12	SAMPLE No.	Pb	Zn	Ag	Au						
	18+00N 2+75 E	36	165	.1	.005						1
	3+00	34	215	.1	.005						2
											3
											4
	19+00N 1+50 E	35	340	.3	.005						5
	1+75	55	400	.4	.015						6
	2+00	38	285	.1	.005						7
	2+25	37	260	.4	.005						8
	2+50	38	187	.3	.005						9
	19+00N 2+75 E	40	205	.1	.005						10
											11

35  
36  
37  
38  
39  
40

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DETERMINATION:.....

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ASSAYER Dean Toy

DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER

APPENDIX III

GEOCHEMICAL ANALYSIS METHODS



Geochemical Analysis of Mo, Cu, Pb, Zn, Ag\*, Ni, Co,  
Mn, Bi\*, V, Fe, Cd\*, & Sb\*

Sample preparation

Soil samples are dried at 75°C and sieved to -80 mesh.

Rock samples are ground to -100 mesh.

Digestion

A .50 gram sample is digested with dilute aqua regia in boiling water bath and diluted to 10 mls with demineralized water.

Determination

All the above elements are determined by Atomic Absorption from the solution.

\* With background correction.

Geochemical Analysis of Au

Digestion and extraction

A 10 gram sample which has been ignited over night at 600°C is digested hot with dilute aqua regia, and the clear solution is extracted with Methyl Isobutyl Ketone.

Determination

Au is determined by AA from the MIBK extractant with background correction.

Geochemical Analysis of Ba

A .100 gram sample is digested hot with NaOH and EDTA solution. The solution is analyzed for Ba by AA.

Geochemical Uranium Analysis

Digestion

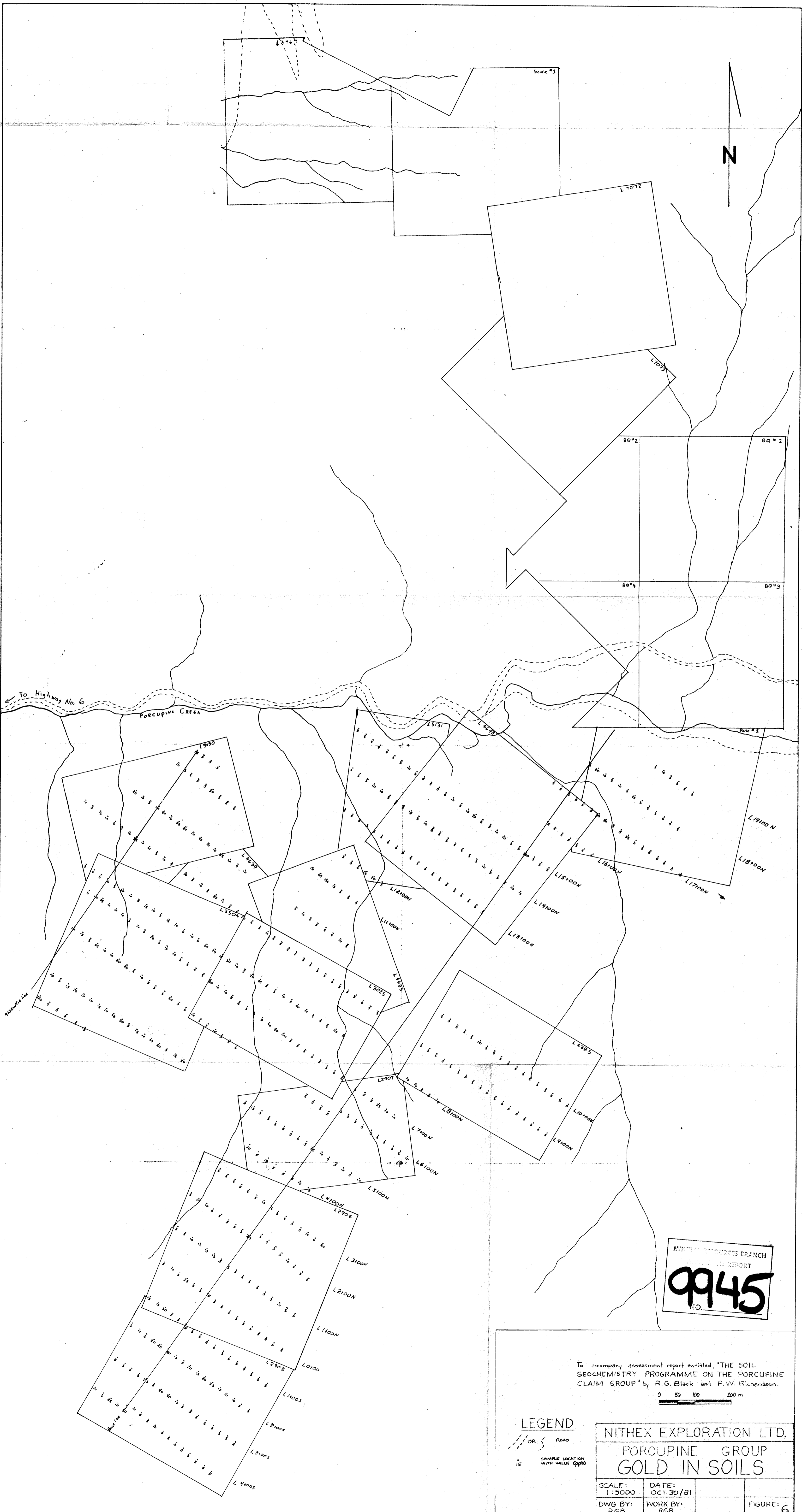
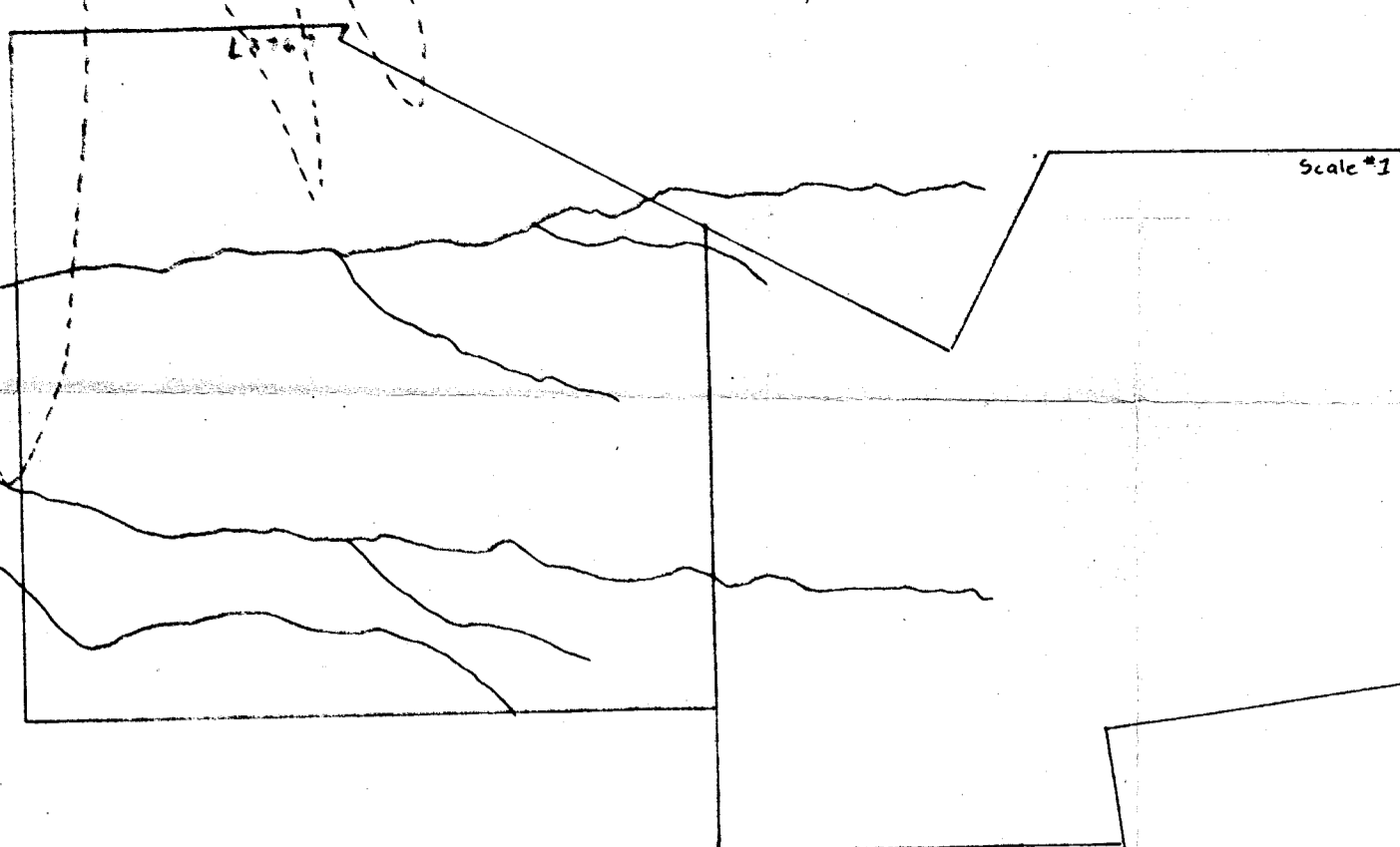
A .50 gram sample is digested hot with nitric and perchloric acid and diluted to 10 mls.

Fusion

An aliquot is solvent extracted with salting agent and aliquot of is fused with NaF, K<sub>2</sub>CO<sub>3</sub>, & Na<sub>2</sub>CO<sub>3</sub> flux in platinum dish.

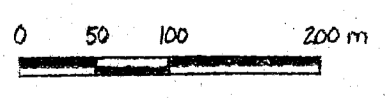
Determination

The fluorescence of the pellet is read in the Turner fluorometer.



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**9945**  
NO.

To accompany assessment report entitled, "THE SOIL GEOCHEMISTRY PROGRAMME ON THE PORCUPINE CLAIM GROUP" by R.G. Black and P.V. Richardson.



**LEGEND**

- ROAD
- SAMPLE LOCATION WITH VALUE (ppb)

NITHEX EXPLORATION LTD.		
PORCUPINE GROUP GOLD IN SOILS		
SCALE: 1:5000	DATE: OCT. 30/81	
DWG BY: RGB	WORK BY: RGB	FIGURE: 6



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**9945**  
NO.

To accompany assessment report entitled, "THE SOIL GEOCHEMISTRY PROGRAMME ON THE PORCUPINE CLAIM GROUP" by R.G. Black and P.W. Richardson.

0 50 100 200m

**LEGEND**

OR ROAD  
15 SAMPLE LOCATION WITH VALUE (ppm x 10)

NITHEX EXPLORATION LTD.			
PORCUPINE GROUP SILVER IN SOILS			
SCALE: 1:5000	DATE: OCT. 30/81		
DWG BY: RGB	WORK BY: RGB		FIGURE: 5



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**9945**  
b

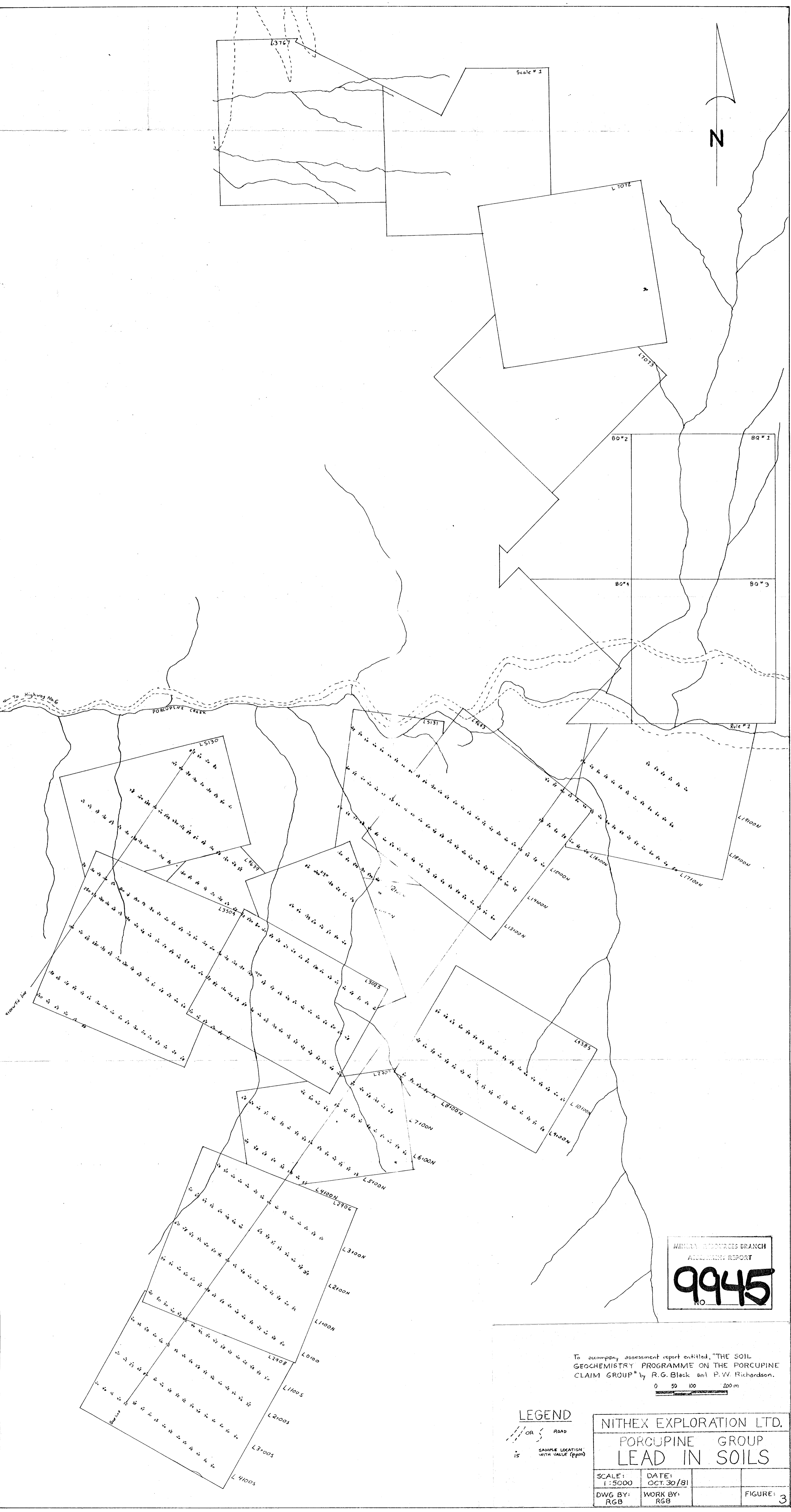
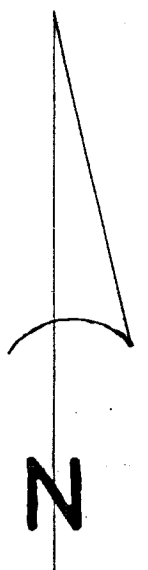
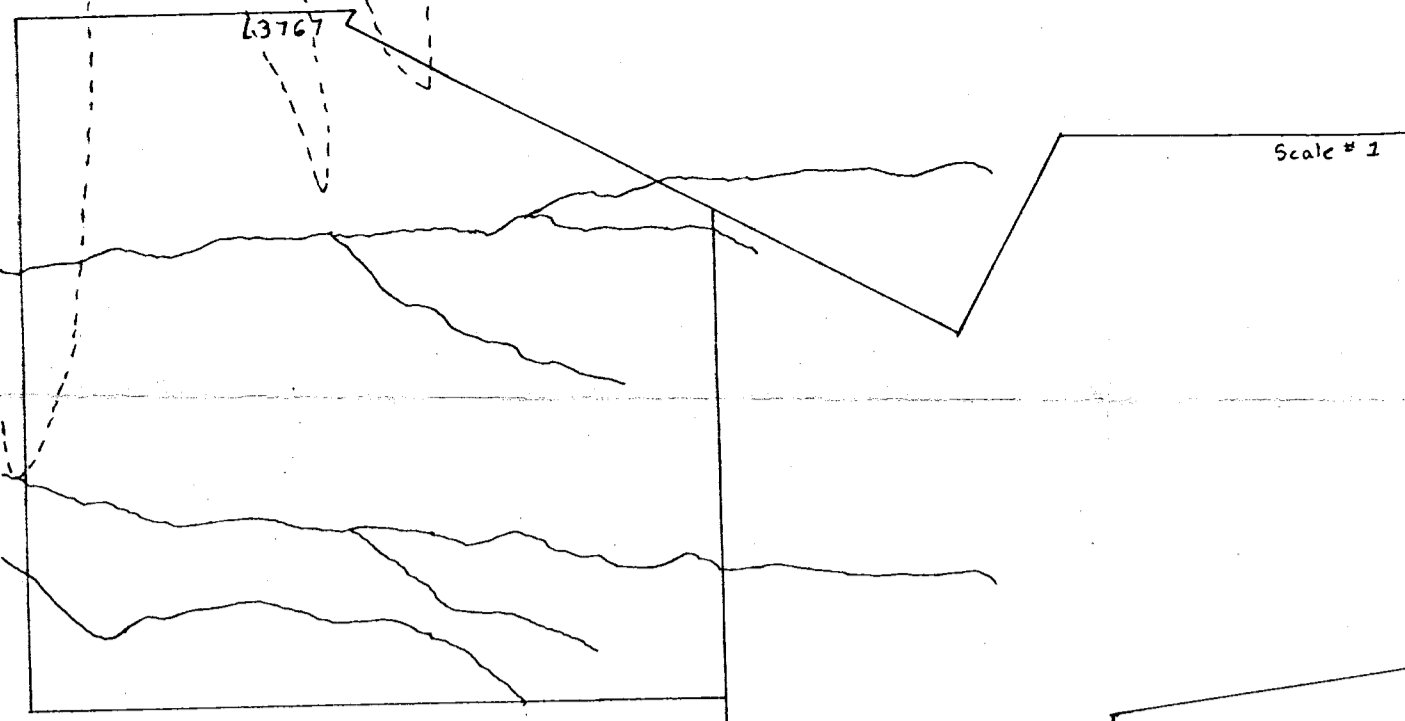
To accompany assessment report entitled, "THE SOIL GEOCHEMISTRY PROGRAMME ON THE PORCUPINE CLAIM GROUP" by R.G. Black and P.V. Richardson.

0 50 100 200m

**LEGEND**

ROAD  
OR  
SAMPLE LOCATION WITH VALUE (ppm)

NITHEX EXPLORATION LTD.			
PORCUPINE GROUP			
ZINC IN SOILS			
SCALE: 1:5000	DATE: OCT. 30/81		
DWG BY: RGB	WORK BY: RGB		FIGURE: 4



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
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0 50 100 200 m

**LEGEND**  
// OR ROAD  
15 SAMPLE LOCATION WITH VALUE (ppm)

NITHEX EXPLORATION LTD.			
PORCUPINE GROUP LEAD IN SOILS			
SCALE: 1:5000	DATE: OCT. 30/81		
DWG BY: RGB	WORK BY: RGB		FIGURE: 3