

6124

ASSESSMENT REPORT ON

HI GROUP - EALUE LAKE PROPERTY

LIARD M. D.

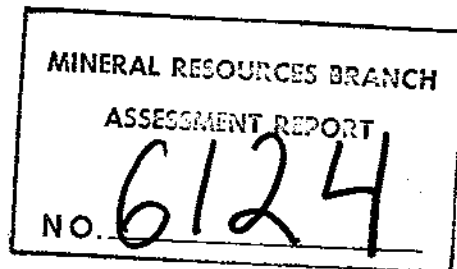
LAT. 57° 30' 00" N., LONG. 129° 50' 00" W.

DIAMOND DRILLING REPORT

PERIOD: MAY 17 TO JULY 2, 1976.

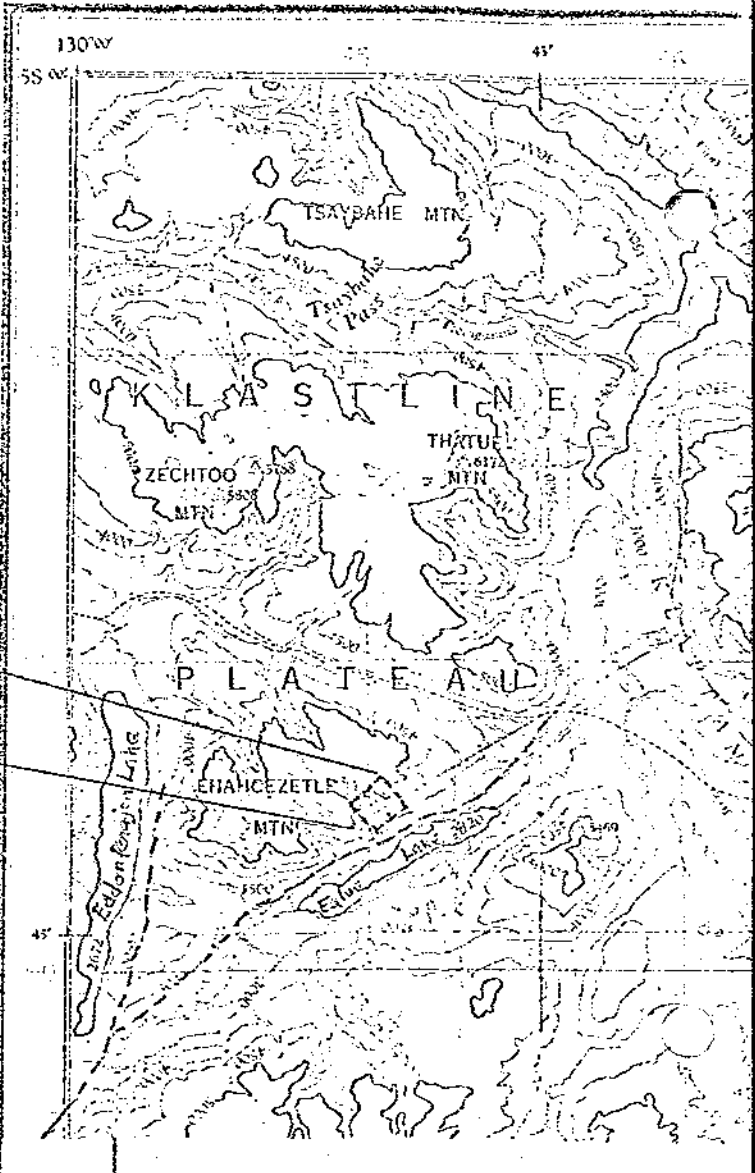
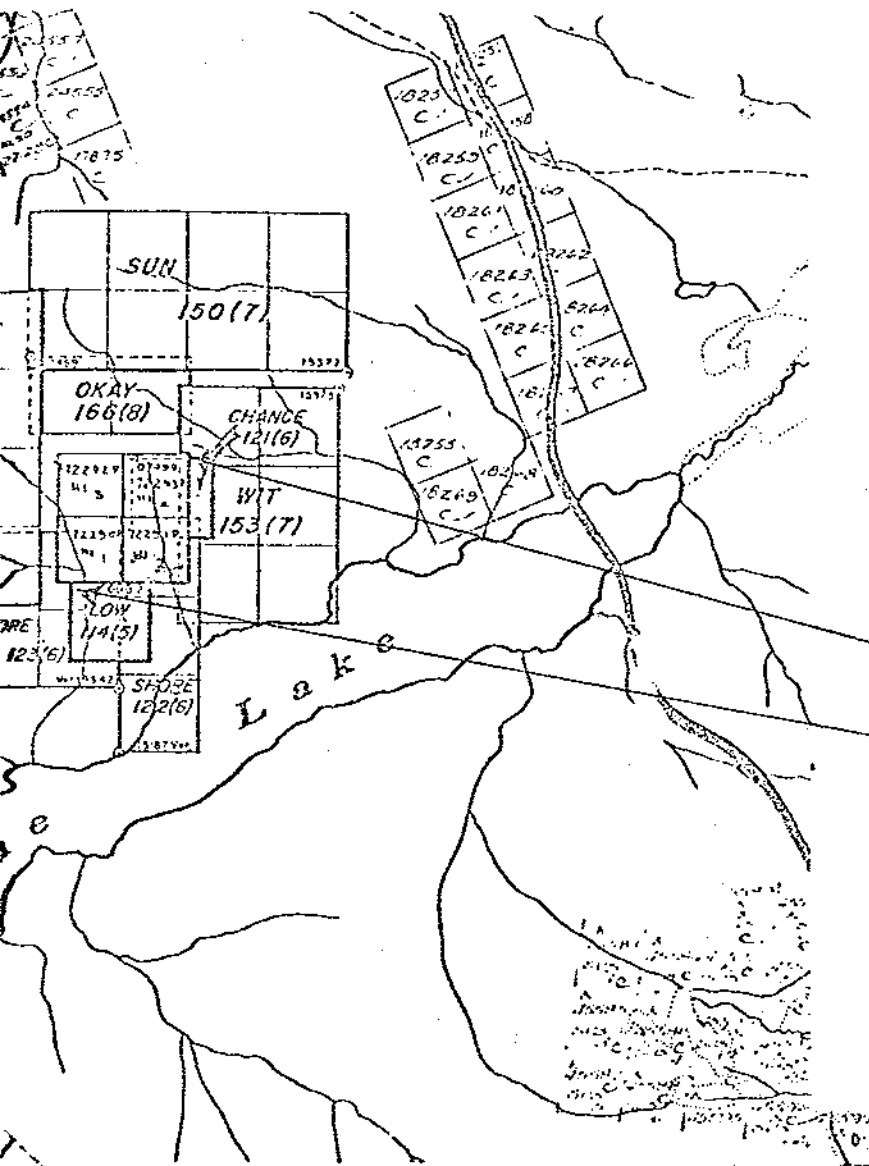
J. SCHUSSLER - OWNER & OPERATOR

N.T.S. 104-H-13



Vancouver, B. C.
November 30, 1976

J. Schussler
D. H. Brown, P. Eng.

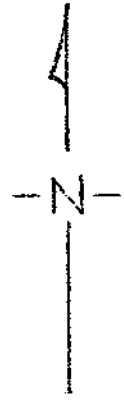


RESOURCES

This map is prepared to serve as a guide to the positions of located mineral claim and Placer Mining Leases only. Unsurveyed

1 : 250,000

LOCATION MAP
EALUE LAKE MC's
HI GROUP



D.H.B.

Nov. 1976

Fig. 1

C O N T E N T S

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| INDEX MAP | Opposite p. 1 |
| <i>MAP# 1</i> -FIG. 1 - HI GROUP (Ealue Lake Claims) CLAIM MAP | In pocket |
| <i>MAP# 2</i> -FIG. 2 - DRILL HOLE SURVEY (On Contour Map) | " " |
| DRILL LOGS: HI-76-1, HI-76-2, HI-76-3 | " " |

ASSESSMENT REPORT ON
HI GROUP - EALUE LAKE PROPERTY

LIARD M. D.

DIAMOND DRILLING REPORT

PERIOD - MAY 17 - JULY 2, 1976

Introduction

The Ealue Lake Property, originally consisting of four located claims, Hi 1 - 4, recorded as the Hi Group and owned by J. Schussler, were joined in a common group by Stan. Bridcut's Low claim and Magnus Bratlien's Chance, Shore and Core M. C. 's. The Hi Group now consists of:

| <u>Claim</u> | <u>No. Claims</u> | <u>Units</u> | <u>Record No.</u> | <u>Owner</u> | <u>F.M.C.</u> |
|--------------|-------------------|--------------|-------------------|--------------|---------------|
| Hi 1 - 4 | 4 | - | 72290P - 93P | J. Schussler | 143689 |
| Low | 1 | 1 | 114 (5) | S. Bridcut | 137396 |
| Chance | 1 | 1 | 121 (6) | M. Bratlien | 143557 |
| Shore | 1 | 3 | 122 (6) | " " | " |
| Core | 1 | 4 | 123 (6) | " " | " |

The present assessment report covers the diamond drilling of three ~~holes; two from the same setup on Low M.C. and one on Hi 2 M.C. drilled~~ holes; two from the same setup on Low M.C. and one on Hi 2 M.C. drilled between May 17th and July 2nd 1976. The work was done for J. Schussler, owner of the Hi claims, by D. J. Drilling Co. Ltd. The purpose of the drilling was to check E. M. anomalies established by Presunka Geophysical Exploration Ltd. during 1975.

Location and Access: (Lat. 57° 30' 00", Long. 129° 50' 00")

The Hi Group property is located on Enahcezetle Mountain on the Klastline Plateau, seven miles northeast of the south end of Eddontenajon Lake and one to two miles north of Ealue Lake. Elevations on the property range between 3,500 and 4,500 feet. The topography of the surveyed area lies on the south side of a steep south-sloping hill which is lightly

forrested. The drill sites are above tree-line.

Geological Setting.

The H1 Group of claims are underlain by Traissic (Takla Group) volcanics and volcanoclastics with limy meta-sedimentary horizons. The only intrusive observed was in the core from Hole H1 76-1 in which a feldspar porphyry dyke or sill was intersected between 46 and 54 m. at vertical depth. A number of N.-N.W. faults cross the property but do not affect the area being drilled.

Scope of Survey.

Two drill holes totalling 103.07 m. were drilled on the Low M.C. to test two weak E. M. anomalies established in 1975. The third drill hole was drilled on H1 2 M.C. on Az. 240 at -74° to intersect at depth a mineralized limy sedimentary horizon which outcrops on surface.

Method of Survey.

The drill holes were drilled by two two-man drill crews using a Boyles Bros. B.B.S. 1 diamond drill with wireline equipment and drilling A.Q. sized core. The core is stored on the property at the respective drill sites.

Core Logging.

The first two holes, H1 76-1 and -2 were logged (see logs appended) by Giles R. Peatfield, B. Sc., P. Eng. (B.C.) of Texas Gulf Inc. Hole H1 76-3 was logged by T. Terriff, B. Sc. of the Falconbridge Nickel Mines exploration staff.

Conclusions.

Although drill holes H1 76-1 and 76-2 did not intersect significant amounts

amounts of economic mineralization, they did intersect sufficient mineralization (mainly pyrite) to explain the weak E. M. anomalies being tested. Hole Hi 76-3 intersected sections of strong pyrite mineralization with minor disseminated chalcopyrite, but the well-mineralized limy meta-sedimentary horizon observed on surface was not intersected before entering the quartz-kerotophyre at 218 ft (79.3 m.).

The drilling did establish the presence of strong alteration and significant amounts of pyrite and pyrrhotite mineralization with enough chalcopyrite showing in some sections to be interesting. The intersection of the quartz-porphry in Hole Hi 76-1 establishes the presence of an intrusive rock similar in appearance to the rock which is the mineral host on Texas Gulph's Red-Chris property three miles to the south.

November 30, 1976



D. H. Brown, P. Eng.

November 30, 1976

The Mining Recorder,
Liard Mining Division,
Department of Mines and Petroleum Resources,
Victoria, B. C.

Dear Sir:

Statement of Qualifications of Participants

This is to certify that the drilling of Holes Hi 76-1, Hi 76-2 and Hi 76-3 was done by two crews of qualified diamond drillers and experienced helpers under the capable supervision of J. Schussler of D. J. Drilling Company Ltd.

Holes Hi 76-1 and 76-2 were logged by Giles R. Peatfield, P. Eng. (B.C.) of Texas Gulf Inc. who has written the appended certification.

Hole Hi 76-3 was logged by T. Terriff, B. Sc. under my direction. I, D. H. Brown, am a graduate of U. B. C. in geological engineering and am a member of the Association of Professional Engineers of B. C.

Yours truly,



D. H. Brown, P. Eng. (B.C.)

Texasgulf Inc.

701-1281 West Georgia Street
Vancouver, B. C. V6E 3J7
(604) 688-5476


Exploration Department
November 10, 1976

Mr. E.J. Bowles
Chief Gold Commissioner
Department of Mines & Petroleum
Resources
Parliament Buildings
Victoria, B.C.

Dear Sir:

In the periods June 2-3 and June 15-16, 1976, I logged the core from two diamond drill holes completed by Mr. J. Schussler on his "Hi" claims, near Ealue Lake in the Liard Mining Division. This was done as part of an examination of Mr. Schussler's property. I have made signed and sealed copies of those logs available to Mr. Schussler, and I hope that they will be sufficient documentation to allow him to claim this diamond drilling for assessment credit. I should emphasize that Texasgulf Inc. has no interest in Mr. Schussler's property at the present time.

Yours very truly,



Giles R. Peatfield, P.Eng.

GRP/cmb

STATEMENT OF DIRECT COSTS INVOLVED IN DIAMOND DRILLING OPERATION

MOBILIZATION

Machinery shipped from Vancouver by Canadian Freightways to Watson Lake and by D. J. Drilling truck from Watson Lake to Ealue Lake and by helicopter to drill site. \$ 1,640.00

DRILLING

| | | | |
|---|-------------|-------------|-----------|
| Labour | | \$ 9,141.95 | |
| Diamond Articles - 16 AQ Bits | \$ 3,200.00 | | |
| 3 AW Shoes | 507.00 | | |
| 1 Reaming Shell | 122.50 | 3,829.50 | |
| Fuel - 5 drums gas, grease and oil | | 265.00 | |
| 25 Core boxes | \$ 87.50 | | |
| Shipping Core Boxes | 40.00 | 127.50 | |
| Food and Camp Supplies | | 1,650.00 | |
| Parts - 1 AQ Outer Tube | \$ 41.25 | | |
| 2 AQ Inner Tubes | 136.60 | | |
| 32 Corelifter Springs | 130.00 | | |
| 4 Corelifter Cases | 38.40 | | |
| 2 Stabilizer Rings | 27.00 | | |
| 2 Locking Rings | 41.00 | | |
| 2 Locking Couplings | 116.00 | | |
| Casing left in holes and worn out - 60 ft. AW | 300.00 | 830.25 | 15,844.20 |

DEMORILIZATION

Ealue Lake to Watson Lake by helicopter and D. J. Drilling truck to Watson Lake. 550.00

REPORT PREPARATION

Typing and preparation 200.00

Total \$ 18,234.20

EALUE LAKE DRILLING

| | May 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | June 21 | 22 | 23 | |
|--------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|----|----|------------|
| J. Schussler | 12 | 12 | 11 | 12 | 13 | 11 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 10 | = 188 hrs. |
| R. Gibson | 12 | 12 | 11 | 12 | 13 | 11 | 14 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | | | = 165 " |
| S. Bridcut | | | | 12 | 13 | 11 | 11 | | | | | | | 10 | | | | | = 57 " |
| G. Yaworski | | | | | | 11 | 14 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | | | = 105 " |
| M. Bratlien | | | | | | 11 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | | | | = 92 " |
| H. McDonald | | | | | | | | | | | | | | | | 8 | 8 | 10 | = 26 " |
| H. Kullman | | | | | | | | | | | | | | | | 8 | 8 | 10 | = 26 " |

| | June 24 | 25 | 26 | 27 | 28 | 29 | 30 | July 1 | 2 | | |
|--------------|---------|----|----|----|----|----|----|--------|---|--|--------|
| J. Schussler | 10 | 10 | 10 | 10 | 10 | | | | | | = 50 " |
| R. Gibson | | | | | 10 | 10 | 10 | 10 | 2 | | = 42 " |
| H. McDonald | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | | = 80 " |
| H. Kullman | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 2 | | = 82 " |

Driller - \$10.75 per hr. Helper - \$9.30 per hr.

| | | |
|-----------------|----------|-------------|
| J. Schusler (D) | 238 hrs. | \$ 2,558.50 |
| R. Gibson (H) | 207 " | 1,925.10 |
| S. Bridcut (H) | 57 " | 530.10 |
| G. Yaworski (D) | 105 " | 1,128.75 |
| M. Bratlien (H) | 92 " | 855.60 |
| H. McDonald (D) | 106 " | 1,139.50 |
| H. Kullman (H) | 108 " | 1,004.40 |

913 hrs.

\$ 9,141.95 Total Wages

Total

913 hrs.

RECEIVED
NOV 22 1976
VANCOUVER, B. C.



MINERAL ACT
FORM I

NOTICE TO GROUP

Mining Division Liard Location 57° 30' 00" N, 129° 50' 00" W

Name of group Hi Group

We, the undersigned owners* of the following adjoining mineral claims, desire to group them according to the provisions of the *Mineral Act*:—

| NAME OF CLAIM | Record No. or Lot No. | SIGNATURE OF OWNER* | Free Miner's Certificate No. |
|---------------|-----------------------|------------------------|------------------------------|
| Hi #1 | 72290 P | J. Schuster | 143689 (Vanc.) |
| ✓ #2 | 72291 P | ✓ | ✓ |
| ✓ #3 | 72292 P | ✓ | ✓ |
| ✓ #4 | 72293 P | ✓ | ✓ |
| Low | 114(5) | S. Brident | 137396 (Cassia) |
| Chancee | 121(6) | Magnus Brathen | 143557 (Vanc.) |
| Shore | 122(6) | Magnus Brathen | 143557 (Vanc.) |
| Core | 123(6) | Magnus Brathen | 143557 (Vanc.) |
| | | Agent for above owners | D. Brown |

* May be signed by agent on behalf of owner.

RECEIVED
FEB 22 1976
V. VANCOUVER, B.C.



DEPARTMENT OF MINES AND PETROLEUM RESOURCES

FORM B (Section 51) MINERAL ACT

2. - S. Brideot:
Watson Lake, Yukon
FMC 137396
Dated Feb 28, 1976 Cassiar
3. - Magnus Bratken
3475 W-34th Ave.
Vancouver, B.C.
FMC 143557
Dated Jan 6, 1976 Vancouver

Affidavit on Application to Record Work

I, D. H. Brown (Name) Agent for J. Schussler
700-1112 W. Pender St., (Address) 13135-20 Ave.,
Vancouver, B.C. V6E 2S1 (Address) Surrey, B.C.
Free Miner's Certificate No. 143456 Free Miner's Certificate No. 143689 Vancouver
Date issued Dec. 30, 1975 Date issued Jan. 16, 1976

MAKE OATH AND SAY:

2. I have done, or caused to be done, work on the LOW and Hi 2 Mineral Claim(s)

Record No(s) 114(5) and 72291 P
Situate at Ealve Lake in the Liard Mining Division,
to the value of at least 10,300 ⁰⁰ dollars. Work was done from the 14th day
of May 1976, to the 2nd day of July 1976

3. The following is a detailed statement of such work done in the 12 months in which such work is required to be done.

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, BELOW)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by regulations)

| | COST |
|-------|------|
| | |
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| | |
| | |
| | |
| TOTAL | |

I wish to apply \$ _____ of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record)

B. DRILLING

(Details as per report submitted)

| COST |
|-------------|
| \$18,234.20 |

DNB 12,100.20

I wish to apply \$ 15,300 of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record)

- DNB* { 3 yrs. ea. to LOW 114(5), COSE 123(6), Shore 122(6) (MUSIC 121(6)) @ 1/100 - 9000 - \$1500
 - 3 yrs. ea. to ✓ ✓ ✓ ✓ @ ~~1/100 - 150,000 - \$1500~~
 - 6 yrs. ea. to Hi. 1-9 @ ~~1/100 - 500,000 - \$4000~~
- \$12,300*

C. PROSPECTING

(Details as per report submitted)

| COST |
|------|
| |
| |
| |

I wish to apply \$ _____ of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record)

D. GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL (Includes line cutting)

(State type of work)

| COST |
|------|
| |
| |
| |
| |
| |

TOTAL

I wish to apply \$ _____ of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record)

Covering Report to be forwarded with this work. DNB.

NOTE—Dollar value of work done under A, B, C, or D sections, totalling \$200, may be applied as one year's work.

Who paid for the above-described work?

Name J. Schussler
 Address 13135 - 20th Ave.
Surrey, B.C.

If you intend to claim a refund of cash in lieu under the provisions of the *Mineral Act*, you must make application on this affidavit under A, B, C, or D sections as applicable.

4. That I have not and will not use the work declared herein in any way for the purposes of obtaining tax exemption on a Crown-granted mineral claim under the terms of the *Taxation Act*.

SWORN and subscribed to at _____
 this _____ day of _____
 19 _____, before me—
 * _____

* This affidavit may be taken by a person empowered to take affidavits by the *Evidence Act* of British Columbia.

6124

FALCONBRIDGE
DIAMOND DRILL RECORD

PROPERTY

EALUE LAKE, B.C.

PURPOSE To cut limey unit HOLE No. #3
 associated with copper CLAIM III. 2
 mineralization. SECTION _____
 LOGGED BY T. Terriff OFFSET _____
 PLOTTED _____

NORTH _____ STARTED June 23, 1976
 EAST _____ COMPLETED June 30, 1976
 ELEV. 4354 (1583.21M) LENGTH 526.0'
 BEARING 210°
 DIP -74°

| FOOTAGE | DESCRIPTION | SAMPLE | FOOTAGE | C. I. | | | | |
|--------------|--|--------|---------|-------|--|--|--|--|
| 0.0-12.0' | Overburden | | | | | | | |
| 12.0-98.0' | Meta Sediment Dark grey with a slight greenish tinge in colour fine grained with 1-2 mm. grains of chlorite, some occurings with whitish haloes Calcite infills fractures which seemingly have no predominate direction. Although rock appears like a dark coloured limestone it is non-reactive to HCl. 31.0-32.0' Meta sediment is silicified and chalcopryrite and pyrite is present in disseminated form in minor quantities. Pyrite and pyrrhotite found throughout section. | | | | | | | |
| 98.0-108.0' | Black Shales - Slate - fine grained, thin bedded @ 69° to core. - fractures infilled with calcite. | | | | | | | |
| 108.0-177.1' | LIMEY CONGLOMERATE Clasts tend to be sub-rounded to rounded and generally consist of either a light yellow-brown chert and dark grey-black silicified metasediment - matrix is very fine grained and is slightly limey. Calcite is also found in matrix. Pyrite is found disseminated throughout with a trace of chalcopryrite. | | | | | | | |
| 177.1-208.0' | Meta Sediment dark grey green, very fine grained sediment with large crystals of chlorite ~5% of rock is a light brown yellow carbonate that is secondary. | | | | | | | |

D. B. Brown P. Eng

| FOOTAGE | DESCRIPTION | SAMPLE | FOOTAGE | C.I. | | | | |
|--------------|--|--------|---------|------|--|--|--|--|
| 208.0-218.0' | <p>Approximately 10' of core was lost here. It is possible that this is a fault contact with the following unit.</p> | | | | | | | |
| 218.0-326.0' | <p>QUARTZ KERATOPHYRE - fine to medium grained - red-green colour - chlorite 30% - red quartz 30% - feldspar 30% - hematite 1%</p> <p>Minor fault, 305.7-307.8' at 9° to the core.</p> <p>239.4-240.1' Minor chalcopyrite, pyrite and bornite. 256.1-256.5' Trace chalcopyrite, malachite and pyrite.</p> | | | | | | | |

D. H. Brown P. Eng.

TEXASGULF INC. 6124

DRILL HOLE LOG

PROPERTY: MI - J. Schussler

LOCATION: _____

AZIM: vert ELEV: 3970 (1442.6m)
 DIP: vert LENGTH: 54 metres
 CORE SIZE: AR

DIP TEST

| FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT |
|---------|---------|---------|---------|---------|---------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

STARTED: _____
 COMPLETED: _____
 PURPOSE: test mag. room

CLAIM NO: LOW 114(5)
 SECTION: _____
 LOGGED BY: GRP
 DATE LOGGED: June 2-3, 1976
 DRILLING CO: Schussler
 ASSAYED BY: Bondar-Clegg

CORE RECOVERY: 95%

| TEXTURE, ALTER'N, MINERALIZATION, ETC. | GRAPH. GEOL. | DESCRIPTION | FOOTAGE metres | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|--|--------------|--|----------------|-----|-------|------------|----------|--------|----|--|-------|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | |
| 0 | | Overburden to 3m. | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| 3 | | Box 1: 3-11.95 m. | | | | | | | | | | | |
| 4 | | 3-7.5 m mixed skarn, mostly bright pink with some clots of epidote and heavy pyrite. Rock was probably orig. a feldspar porphyry (lava (trachy-andesite?) which has been skarnified. | 3.0 | 6.0 | 50% | | 12401 | 0.03 | | | 20002 | | |
| 5 | | Sulphides, almost completely pyrite are disseminated and as coarse clots. | | | | | | | | | | | |
| 6 | | Rock is highly fractured and has a few very weak carbonate veinlets. Ground is badly broken. | | | | | | | | | | | |

| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOLOG. | DESCRIPTION | FOOTAGE metres | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---|------------------|---|-------------------|----|-------|---------------|-------------|--------|----|--------|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | |
| 6.5-6.5 med pye | | | | | | | | | | | | | |
| alter. sh. | 9 | | | | | | | | | | | | |
| alter. sh. | 8 | 7.5-11.95 m mostly trachyandesite brn. with some angular pink frags (spinite?). Local clots of epidote, but rather weaker pyrite, v. weak carbonate veining throughout sect? | 6 | 9 | 95% | | 11802 | 0.03 | | 10.002 | | | |
| | 9 | | | | | | | | | | | | |
| | 10 | | | | | | | | | | | | |
| | | | 9 | 12 | 98% | | 11803 | 0.03 | | 10.002 | | | |
| 11.2-11.5 med to strong pye, some epf | 11 | | | | | | | | | | | | |
| | 12 | Box 2: 11.95-19.5 m 11.95-12.4 m. At above sect ² , sharp contact with: | | | | | | | | | | | |
| vuggy gts-sand w/inter. | 13 | 12.4-12.9 m. Finely banded fine- to medium- grained stannified sediments | | | | | | | | | | | |
| | 14 | 12.9-13.1 m. massive light pink very potassic rock, ghost feldspar. (dyke?) | 12 | 15 | 85% | | 11804 | 0.01 | | 10.002 | | | |
| sp. & pye on shant. | | 13.1-15.0 m. Strong K-felds alt ² , probably in volcanic tuffs. | | | | | | | | | | | |

TEXASGULF INC.

DRILL HOLE LOG

HOLE NO.
JS 76-1

PAGE NO.
3

| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOL. | DESCRIPTION | FOOTAGE metres | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---------------------------------------|-------------|---|----------------|----|-------|------------|----------|--------|----|--------|--|--|--|
| | | | FROM | TO | | | | Cu | Ag | | | | |
| 15.0 slgy epid-pyr | | | | | | | | | | | | | |
| 16.5 " " " | | | | | | | | | | | | | |
| 16 | | 15.0 - 19.5: grades into largely dark green chloritic rock with much K-spar, illite and abundant epidote clots, locally strong pyr. | 15 | 18 | 95% | | 17806 | 0.04 | | 10.003 | | | |
| 17 | | Rock moderately to strongly fractured and veined with milky carbonate. Local strong shearing. | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 18.5 slgy epid-pyr | | | | | | | | | | | | | |
| 19 | | Box 3: 19.5 - 32.2 m. | | | | | | | | | | | |
| chloritic slurs | | | | | | | | | | | | | |
| 20 | | 19.5 - 24 m. very poor recovery in pale green shaly rocks probably derived from volcaniclastics. Much carb veining on fractures. Moderate pyr. locally. | 18 | 21 | 70% | | 17807 | 0.09 | | 10.002 | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| slutter zone | | | | | | | | | | | | | |
| 23 | | | 21 | 24 | 20% | | 17808 | 0.01 | | 10.005 | | | |

TEXASGULF INC.

DRILL HOLE LOG

HOLE NO.
JS 76-1

PAGE NO.
4

| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOLOG. | DESCRIPTION | FOOTAGE metres | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---|------------------|--|-------------------|----|-------|---------------|-------------|--------|----|--------|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | |
| 24 | | 24.0 - 27.5 m - Fine banded pink metasediments. Locally badly fractured, and some coarse clots of epidote. Consid. chlorite, some pyrite. | | | | | | | | | | | |
| | | | 24 | 27 | 80% | | 12809 | 0.01 | | 10.007 | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | 27.5 - 32.2 m. - remainder of box in very chloritic meta-volcanics, with a marked increase in carbonate veining. Epidote is common, especially as alt ² along fractures. Disseminated pyrite is widespread. Some pink alt ² . | | | | | | | | | | | |
| 28 | | Carbonate stringers appear to post- date all other alt ² . | 27 | 30 | 95% | | 12810 | 0.01 | | 10.007 | | | |
| badly broken, 29 much chlorite on slips | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| 1/4" carb. | | | 30 | 33 | 95% | | 12811 | 0.03 | | 10.007 | | | |
| 32 | | | | | | | | | | | | | |

| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOLOG. | DESCRIPTION | ESTIMATE metres | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | |
|---|------------------|---|--------------------|----|-------|---------------|-------------|--------|----|--|--------|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | | |
| | | Box 4 : 32.2 - 39.2 m. | | | | | | | | | | | | |
| string chl-carb sh | | 32.2-34.5m - continues as above with much epidote and carbonate and local stringing chl-carb shears. | | | | | | | | | | | | |
| --- | | 34.5-35.2 - f.g. pink metasediments (?) weak to mod. carb. alt ² ; some diss. pyr. | 33 | 36 | 98% | | 12812 | 0.02 | | | 10.002 | | | |
| | | 35.2-36.2 - dark green chl-carb rich metavolcanics, possibly brx. | | | | | | | | | | | | |
| chloritic sh. | | 36.2-39.2 - rock in this section is, for the most part, fine grained pink to grey green metasediments. Staining at 38.3 m. indicates that this rock is extremely rich in potash feldspar. | 36 | 39 | 98% | | 12813 | 0.02 | | | <0.002 | | | |
| Orange slips. | | This latter section has some narrow dark green chloritic sections. Carbonate veinlets, very fine, are abundant throughout. Pyrite is weak to moderate, disseminated and as "clots". | | | | | | | | | | | | |
| | | Box 5 : 39.2 - 46.6 m. | | | | | | | | | | | | |
| | | Essentially the entire box is in fine-grained metasediments as described above. | 39 | 42 | 95% | | 12814 | 0.05 | | | 0.002 | | | |

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| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOL. | DESCRIPTION | FOOTAGE metres | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---|----------------|---|-------------------|----|-------|---------------|-------------|--------|--|-------|--|--|--|
| | | | FROM | TO | | | | Cu | | Ag | | | |
| cl. sh. zone. | | | | | | | | | | | | | |
| 42 | | The rock is strongly veined with very narrow carbonate stringers, and has some chloritic alteration along fractures. Some narrow carbonate-cemented breccia zones contain small green angular rock fragments. | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | Pyrite, mostly as very fine disseminations, is moderately to very abundant, and locally there is appreciable cpy. Pyl, coarser grained, is abundant in narrow chloritic slips. | 42 | 45 | 95% | | 12815 | 0.06 | | 0.003 | | | |
| 45 | | | | | | | | | | | | | |
| 46 | | Box 6 : 46.6 - 54.0 m. | | | | | | | | | | | |
| 47 | | 46.6 - 47 m. - rock essentially as above, but slightly coarser grained. In contact with very weak shearing, with: | 45 | 48 | 95% | | 12816 | 0.06 | | 0.002 | | | |
| 48 | | 47 - 54 m. - gtz. feldspar porphyry. The rock consists of abundant 2-3 mm gtz eyes and 3-5 mm feldspar phenocrysts, set in a fine potassic ground mass. The feldspar phenos are pale pink near the contact and become progressively whiter inwards. They are probably plag. (staining is inconclusive). Some may be K-spar. | | | | | | | | | | | |
| 49 | | | 48 | 51 | 95% | | 12817 | 0.01 | | 0.002 | | | |

TEXASGULF INC.

DRILL HOLE LOG

| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOL. | DESCRIPTION | FOOTAGE - metres | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | |
|---------------------------------------|-------------|--|------------------|----|-------|------------|----------|--------|-------|--|--|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | | |
| | | | | | | | | | | | | | | |
| 51 | | The porphyry is locally well veined with 3-5 mm. Qtz veins, some of which are vuggy. Sulphides are essentially absent. Some carbonate is associated with, and postdates, vein Qtz. | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | |
| 53 | | Malis are rare or absent, and the rock is very leucocratic. Scattered throughout, and especially in the feldspar phenocrs, are tiny "suns" of radiating dark needles, possibly tourmaline. | 51 | 54 | 981 | | 12818 | 0.01 | 0.002 | | | | | |
| 54 | | E.O.H @ 54 m. | | | | | | | | | | | | |
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Handwritten notes and signatures in the bottom right corner of the log page.

PROPERTY: HJ - J. Schuster

TEXASGULF INC. 6174

LOCATION: _____

DRILL HOLE LOG

AZIM: 240° ELEV: 3970' (1443.6m)

DIP: 50° LENGTH: _____

DIP TEST

CORE SIZE: AQ

| FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT |
|---------|---------|---------|---------|---------|---------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CLAIM NO: LOW 114(5)

STARTED: _____

SECTION: _____

COMPLETED: _____

LOGGED BY: GRP

PURPOSE: test mag anore

DATE LOGGED: June 15-16, 1976

DRILLING CO: Schuster

CORE RECOVERY: _____

ASSAYED BY: Bondar-Clegg

| TEXTURE, ALTER'N, MINERALIZATION, ETC. | GRAPH. GEOL. | DESCRIPTION | FOOTAGE - metres | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | |
|--|--------------|--|------------------|-----|-------|------------|----------|--------|----|--|--|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | | |
| 0 | | | | | | | | | | | | | | |
| 1 | | Overburden to 3m. | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | Box 1: 3.0 - 14.2 m. 2.0 - 5.9 m. shaly green feldspar perpl (trachyandesite?) with locally strong epidote, some K-spar, and considerable pyrite. | | | | | | | | | | | | |
| 4 | | 5.9 - 6.0 m - congl? rounded white & pink frags to 1cm in a greenish matrix, weak pyrite. | 3.0 | 6.0 | 50% | | 12819 | 0.04 | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |

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| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOL. | DESCRIPTION | FOOTAGE <i>metres</i> | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---|----------------|--|--------------------------|------|-------|---------------|-------------|--------|----|--------|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | |
| | | 6.0-10.9m. - skarnified volcanics, mostly pale green, much epidote, some pyrite. Local zones of strong K-spar. | | | | | | | | | | | |
| | | | 6.0 | 9.0 | 50% | | 12820 | 0.07 | | 50.002 | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| wt. chert slips | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | 10.9-11.0m. v.f.g. banded metasediments. | | | | | | | | | | | |
| | | | 9.0 | 12.0 | 80% | | 12821 | 0.08 | | 50.002 | | | |
| | | 11.0-11.4m. - feldsp. porph. (tuff?) with areas of epidote & K-spar alt ² and considerable "clotty" pyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| chert slip, lost core | | 11.4-13.0m. - mostly v.f.g. metasediments, finely banded. Colour ranges from very pale to dark grey, sometimes pale green or pink. Moderate pyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | 13.0-14.2m. dominantly pale green feldspathic rock (tuff?) - considerable epidote, some pyrite. | | | | | | | | | | | |
| | | | 12.0 | 15.0 | 85% | | 12822 | 0.08 | | 0.005 | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

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| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOL. | DESCRIPTION | FOOTAGE <i>meters</i> | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---|----------------|--|--------------------------|------|-------|---------------|-------------|--------|--------|--|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | |
| 15 | | Box 2: 14.20 - 21.34 m. | | | | | | | | | | | |
| 16 | | Dominantly pale green & grey, fine to medium grained banded feldspathic felds. Contact angles 30-40° to core axis. | 15.0 | 18.0 | 90% | | 12823 | 0.07 | 60.002 | | | | |
| 17 | | Locally very strong pyr-epidote alteration. K-spar is not strongly developed. | | | | | | | | | | | |
| 18 | | In some very short sections, the rocks become coarser, almost conglomeratic, but the dominant grain size appears to be less than 4 mm. | | | | | | | | | | | |
| 19 | | | 18.0 | 21.0 | 85% | | 12824 | 0.01 | 60.002 | | | | |
| 20 | | The pyrite content is weak to moderate throughout. Carbonate veining seems to increase down the hole. | | | | | | | | | | | |
| 21 | | Box 3: 21.34 - 29.70 m. | | | | | | | | | | | |
| 22 | | Continued in rock much as above box. The intensity of carbonate veining increases markedly. | 21.0 | 27.0 | 90% | | 12825 | 0.02 | 60.002 | | | | |
| 23 | | The pyrite content drops off slightly, and continues to be largely associated with epidote. | | | | | | | | | | | |

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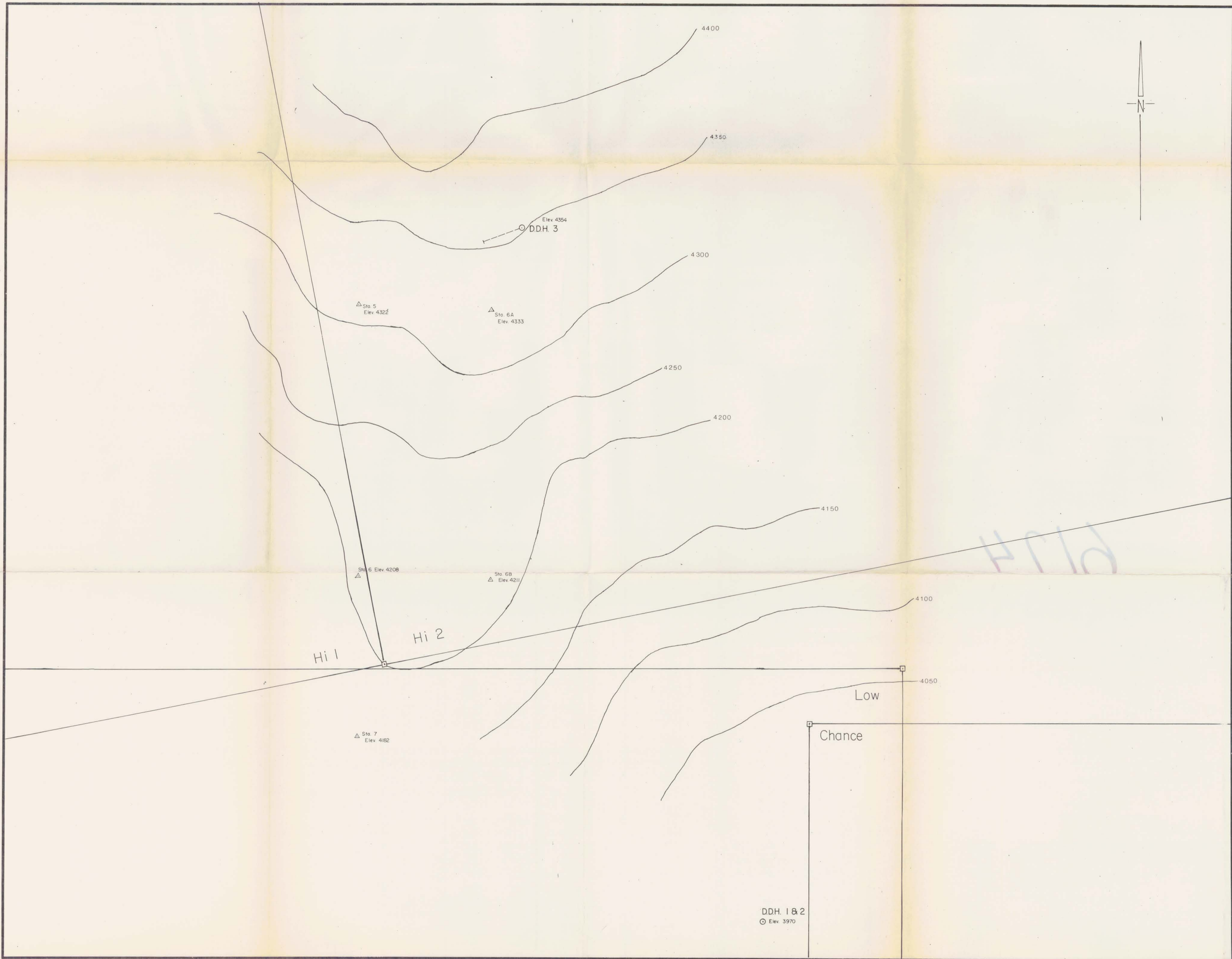
| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOLOG. | DESCRIPTION | FOOTAGE <i>meters</i> | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---|------------------|--|--------------------------|-------------|------------|---------------|--------------|-------------|--|------------------|--|--|--|
| | | | FROM | TO | | | | Cu | | Au | | | |
| <i>fm carb. 24</i> | <i>1</i> | <i>Locally, here is very weak hematite at 24 along some stringers.</i> | | | | | | | | | | | |
| <i>25</i> | | | <i>24.0</i> | <i>27.0</i> | <i>95%</i> | | <i>12826</i> | <i>0.07</i> | | <i><0.001</i> | | | |
| <i>strong alter. 26 Flgs.</i> | <i>2</i> | | | | | | | | | | | | |
| <i>27</i> | | | | | | | | | | | | | |
| <i>28</i> | | | | | | | | | | | | | |
| | | <i>Box 4: 29.70 - 36.85 m.</i> | | | | | | | | | | | |
| <i>29</i> | | <i>29.7 - 33.7 m. - Dark grey-green altered volcanics as in above box.</i> | | | | | | | | | | | |
| <i>30</i> | | <i>Only very weak pyrite mineraliza- tion.</i> | | | | | | | | | | | |
| <i>31</i> | | | | | | | | | | | | | |
| | | | <i>30.0</i> | <i>33.0</i> | <i>98%</i> | | <i>12828</i> | <i>0.01</i> | | <i><0.001</i> | | | |
| <i>32</i> | | | | | | | | | | | | | |

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| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOL. | DESCRIPTION | FOOTAGE metres. | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---------------------------------------|-------------|--|-----------------|------|-------|------------|----------|--------|----|--------|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | |
| 33 | | | | | | | | | | | | | |
| contact = 45° | | | | | | | | | | | | | |
| 34 | | 33.7 - 36.85 m. fine - medium grained banded metasediments. Pale green to very pale pink, with very low sulphide content. Locally, very weak carb & Qtz veining. | 33.0 | 36.0 | 95% | | 12829 | 0.01 | | 20.002 | | | |
| 35 | | | | | | | | | | | | | |
| 36 | | Box 5: 36.85 - 44.10 m. | | | | | | | | | | | |
| 37 | | The entire box is a mixture of the rock types described in the above box. The dominant rock is f. gr. banded metasediments, but several narrow zones are of dark green meta-volcanics. | 36.0 | 39.0 | 98% | | 12830 | 0.03 | | 20.002 | | | |
| 38 | | | | | | | | | | | | | |
| 39 | | Veining, in the form of very fine fracture fillings of calcite in very irregular distribution, is moderate to strong. | | | | | | | | | | | |
| 40 | | Sulphide content is low to very low | 39.0 | 41.0 | 95% | | 12831 | 0.01 | | 20.002 | | | |
| 41 | | | | | | | | | | | | | |

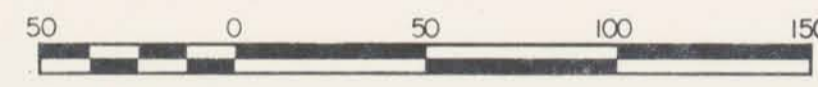
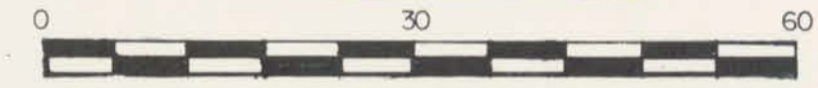
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| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOLOG. | DESCRIPTION | FOOTAGE <i>Meters</i> | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | |
|---|------------------|--|--------------------------|-------|-------|---------------|-------------|--------|--------|--|--|--|--|
| | | | FROM | TO | | | | Cu | Au | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | Box 6: 44.10 - 49.07 m. | 44.0 | 45.0 | 95% | | 12827 | 0.02 | 20.002 | | | | |
| 44 | | As above, an intimate mix of (dominant) v.f.gr. banded metasediments with some dark green chloritic metavolcanics. | | | | | | | | | | | |
| 45 | | Calcite stringing is moderate to strong, especially in the volcanic portions. Pyr. content is weak to moderate. Locally there is some weak spg. | | | | | | | | | | | |
| 46 | | | 45.0 | 49.07 | 95% | | 12833 | 0.02 | 20.002 | | | | |
| 47 | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | |
| 49 | | F.O.H. 49.07 | | | | | | | | | | | |



6124

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6124
MAP NO. #2



SCALE: 1 INCH TO 50'

| | | |
|---|--------------------------------------|-----------|
| FALCONBRIDGE NICKEL MINES LIMITED | | |
| PROPERTY: | Ealue Lake Claims | |
| LOCATION: | Ealue Lake, 57°47'25"N - 129°49'50"W | |
| TYPE OF MAP: | Drill Hole Survey | |
| WORKING PLACE: | Hi 2, Low Claims | |
| BASED ON: Survey by T. Jones and Sam Z. | | |
| DATE OF WORK: May 25-June 30/76 | MAP REF. NO.: | FIG. NO.: |
| DRAWN BY: T. Terriff | | 2 |
| DATE: Nov 8, 1976 | N.T.S. NO.: 104 H/13W | |

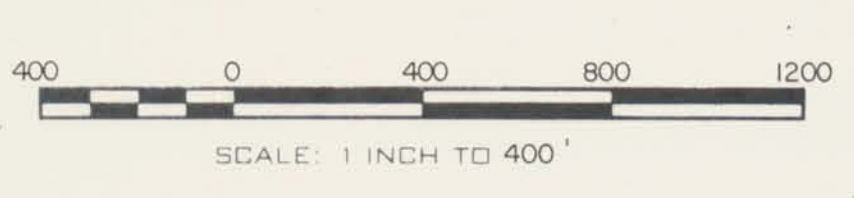
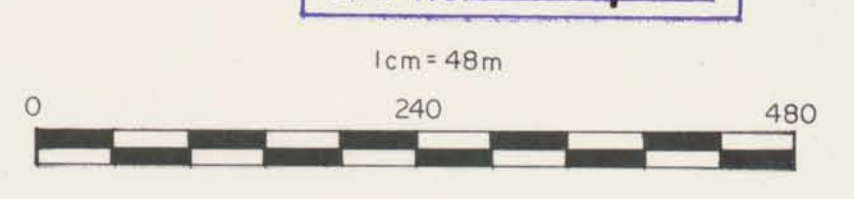
W. Brown



6124

6124

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6124
MAP NO. #1



| | |
|---|--|
| FALCONBRIDGE NICKEL MINES LIMITED | |
| PROJECT: | Ealue Lake Claims |
| LOCATION: | Ealue Lake, 57°47'25" N - 129°49'50" W |
| TITLE OF MAP: | Claim Map <i>Shore</i> |
| WORKING PLACE: | Hi 2, Low Claims |
| BASED ON: Survey by T. Jones and Sam Z. | |
| DATE OF WORK: | May 25 - June 30, 1976 |
| DRAWN BY: | T. Terriff |
| DATE: | Nov 8, 1976 |
| N.T.S. NO.: | 104 H/13W |