

Shuttle pass on no known high-gold, copper ^{or} ^{gold} ^{minerals} to ^{mine}
will feed for the Lexington operation.

823198
 Lone Star
 + Richmond
 (Greenwood
 Area)
 1981

126 Claims around which perimeter surveys have been completed.

A total of 42 Claims are held as shown -

Manross Township Area -

MN Group (42 Claims)

6 Claims	June 5, 1971
12 Claims	November 10, 1971
3 Claims	November 18, 1971
6 Claims	December 3, 1971
8 Claims	December 22, 1971
4 Claims	February 4, 1972

14 Claims in good standing to July 10, 1971.

8 Mineral Leases covering 2,042 acres.

22 Claims are held in good standing until -

January 19, 1971
 6 Claims (assessment work has been submitted)

4 Claims	May 17, 1971
12 Claims	June 9, 1971

27 Claims in good standing to August 13, 1971.

39 Claims in good standing to -

33 Claims	October 7, 1971
6 Claims	November 16, 1971

92 Claims (Groups to be established when staking project is finished) are held in good standing until -

25 Claims (Main Group)	December 8, 1971
14 Claims (Corkscrew Island)	January 7, 1972
8 Claims (Shamrock Island)	
4 Claims (Clearwater Bay)	January 21, 1971
West) on which assessment work was submitted	
4 Claims (White Partridge Bay)	February 22, 1972

Turtle Lake Group
 (Account No. 0/17)

1st (Lumber Project (Ross Twp.))
 (Account No. 0/19)

Shoal Lake Project
 (Account No. 0/21)

Scourport Lake
 (Account No. 0/10)

North Spirit Lake
 (Account No. 0/12)

Shoal Lake Extension
 (Account No. 0/20)

March 8, 1972 28 Claims (on extension from March, 1971)
August 9, 1972 1 Claim (lease required by this date)

and
126 Claims around which perimeter surveys have been completed.

A total of 42 Claims are held as shown -

Manross Township Area -

NW Group (42 Claims)

June 5, 1971 6 Claims
November 10, 1971 15 Claims
November 18, 1971 3 Claims
December 3, 1971 6 Claims
December 22, 1971 8 Claims
February 4, 1972 4 Claims

14 Claims in good standing to July 10, 1971.

8 Mineral Leases covering 2,045 acres.

22 Claims are held in good standing until -

January 19, 1971 6 Claims (assessment work has been submitted)

May 17, 1971 4 Claims
June 9, 1971 12 Claims

37 Claims in good standing to August 13, 1971.

39 Claims in good standing to -

October 7, 1971 33 Claims
November 16, 1971 6 Claims

95 Claims (groups to be established when staking project is finished) are held in good standing until -

December 8, 1971 28 Claims (Main Group)
January 7, 1972 14 Claims (Corkscrew Island)
8 Claims (Shammis Island)
January 21, 1971 4 Claims (Clearwater Bay West) on which assessment work was submitted
February 22, 1972 4 Claims (White Partridge Bay)

80158

Code Township Project
(Account No. 0/8)

Turtle Lake Group
(Account No. 0/17)

New Calumet Project (Ross Twp.)
(Account No. 0/19)

Shoal Lake Project
(Account No. 0/21)

Schryburt Lake
(Account No. 0/10)

North Spirit Lake
(Account No. 0/12)

Shoal Lake Extension
(Account No. 0/24)

about the Main property
 extends into a ~~diagonal~~ ^{highly fractured} ~~diagonal~~
 Q3 porphyry intrusion being southeasterly then more
 southerly as it crosses the intra boundary into the

Richmond - base Star claim group.

The Q3 Porphy is the host rock for the upper
 mineralization in the Sea-City of Paris, ~~Richmond~~ & ~~Richmond~~ Star
 deposits. It is about 1000' wide north of the boundary
 & wide tapers to about 1700' to the south.

On the R & L.S. the mineralization occurs in a broad zone
 then found in Sea-City of Paris area.

The southern Star
 mineralization zone with the ~~Richmond~~ Star, ~~Richmond~~ Star also hosts a porphyry mineralization
 though it is the ~~Richmond~~ Star, ~~Richmond~~ Star road cuts & trenches
 plus D-7-A 26 on the Lincoln claim.

The Copper mineralization occurs as fracture fillings &
 disseminated ~~at~~ ⁱⁿ porphyry. The intensity of mineralization is
 proportional to the relative development of fractures. In
 general the ~~star~~ 0.5 to 1% plus Cu ^{mineralization} occurs in pipe-like zones, which
 with in a relatively flat lying zone which tapers toward the SE.

Then R & L.S. deposit are different in many aspects
 to the other deposits in the area to the north, except
 a description of the differences as tabulated below:

Property	Metals	Mode of Occurrence	Rocks
----------	--------	--------------------	-------

Many of the ^{earlier} drill holes were used primarily for gold instead.

The known mineralization on the R & L.S. ^{is} deposits of ^{all} ^{comparative}
 bands, lenses & pools of 0.5% to 2% Cu with generally ^{much} lower (0.02%) gold values
 than the ~~Richmond~~ Cu-Au (0.2% approx) pipe-like zone being explored in recent years.

Shoal Lake Extension
(Account No. 0/24)

March 4, 1972

8 Claims (Corkscrew Island)

14 Claims (Echo Bay)

March 22, 1972

15 Claims (Clearwater Bay)

Claims Held in Ontario

Drury Township	4 Claims (Patented)
Maisonville Township	12 Claims
Botsford Lake Iron Project	44 Claims
Hyman Drury Project	289 Claims
Code Township Project	42 Claims
Turtle Lake Group	14 Claims
New Calumet Project (Ross Twp.)	8 Mineral Leases
Shoal Lake Project	22 Claims
Schryburt Lake	37 Claims
North Spirit Lake	39 Claims
Shoal Lake Extension	95 Claims

The following patented properties (Kerr Addison Gold Mines area, together with certain other properties originally held by Anglo-Huronian) are held:

Operating Mine Area

McGarry)	10 Licences of Occupation
McVittie)	52 Patented Claims
McFadden)	

Larder Lake Townsite Area 22 Patented Claims

South Lorrain Area 2 Patented Claims

Nipissing Forest 2 Patented Claims

Total Claims Held in Ontario - 82 Patented Claims
 10 Licences of Occupation
 8 Leased Properties
 594 Mining Claims

While the Lexington group, the Richmond zone contains ^{only} low gold ^{values} contents, estimate to be around 0.02 ± 0.1%. The sample were analyzed for Au but the check assays ^{do} not agree, and the true values were never resolved.

(B) Low Star Group

The L. S. Group in Wash. State was ^{discovered in 1897,} worked for 1909 to 1928, shipping ^{52,000 tons of 2 1/2} ore to the Smelter at Boundary Falls, B.C. The Granby ^{discovered & worked even earlier than this.} examined the property in 1919, 1944 & 1953, 1955 & 1971, ~~1976~~ and mined about 200,000 tons gold, 2 Cu. 02% Au. ~~During 1967-68. Atwood Group (Mogul) drilled the Low Star zone in 1970-71. Coastal + Granby Joint Venture drilled the L. S. zone in 1973-1974. Granby ^{re-examined} and drilled more drilling in 1975, then in 1978. ^{was mine & shipped to the Phoenix mill.}~~

No further exploration work has been done ~~since 1978.~~ after ~~1978.~~

Geology + Mineral Resources

As general, the area is underlain by a southeasterly striking 1-mile wide belt of Paleozoic (?) quartz and schist banded both N + S by zone of P or Early Paleozoic or Early Mesozoic meta & igneous rocks. The sub area is by a wide variety of igneous intrusions, and a prof of fed stock ^{at depth} and a few dykes and gabbro, dyke-like bodies, also dykes and irregular shaped dior intrusions are found throughout there is a cutting many more. A gold ^{stock} ~~is~~ ^{is} ~~at~~ ^{at} ~~depth~~ ^{depth}

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

To W.M. Sirola From F. Chow

Subject Lexington Property Date Dec. 18/80

PAGE 3.

SEARCH FOR DOWN PLUNGE EXTENSION ON BOB SERAPHIM'S LONE STAR GROUP

If the Lexington zone continues southeast then the structure could extend for another 800 feet through Seraphim's Jean Fr. and likely end in the Orphan C.G. Claim, at the junction of the northeasterly fault offsetting the southeasterly bearing diorite dyke(?).

The surface elevation decreases slightly towards the southeast over the prospect area; therefore, the depth to the zone increases with the plunge at approximately 35/100'. A drill hole spotted at 400 ft. from the common boundary would have to be drilled 890 ft. to pass the target.

SUGGESTIONS ON DRILLING

In diamond drilling the hole should be advanced at a slow, controlled rate to minimize deflection. BQ should be the minimum size used. It is recommended that NQ size equipment be employed.

SEARCH FOR ADDITIONAL RESERVES ON BOB SERAPHIM'S LONE STAR GROUP OTHER THAN THE LEXINGTON ZONE

To augment the ore to the Lexington mill, a study was made of the adjoining property from which about 400,000 tons grading 1% cu and 0.02 oz./Ton Au was mined in 1978. A preliminary study of the Lone Star Group of claims reveals only low grade gold in association with copper mineralization. There are proven and probable zones* of 1%-2% cu with 0.02+ oz. Au available by underground mining.

The country rocks and the host rocks are the same on both properties and show similar dips and plunging structures or zones. The mineralization on the Lone Star claims is widespread and occurs in multiple bands and zones.

* In the United States, about 4000' south of the Lexington boundary, an area 300' x 300' ^{south of the open pit} has been drilled and at 100-ft centers showing three or more horizons of 1% plus copper.

(A)

PRELIMINARY LOG OF THE LONG STAR GROUP OF CLAIMS

INTRODUCTION

A preliminary study was made in regard to ~~the~~ mill feed additional. Richmond

When Bob Swaffham brought our attention to the Lexington gold-copper property south of Greenwood, N.C. he also suggested we look into the ~~adjoining~~ ^{for a geological mill feed} Long Star Group of claims ^{in which the State} as interest ^{for the Lexington operation}

PROPERTY & OWNERSHIP ^{the strike of the lens min. structure would cross the boundary about 400 feet from the last known drill intersection (20H26) and then hit an iron which enters Long Star Group's' claims and may extend into the Ophian claim, all within R.C.}

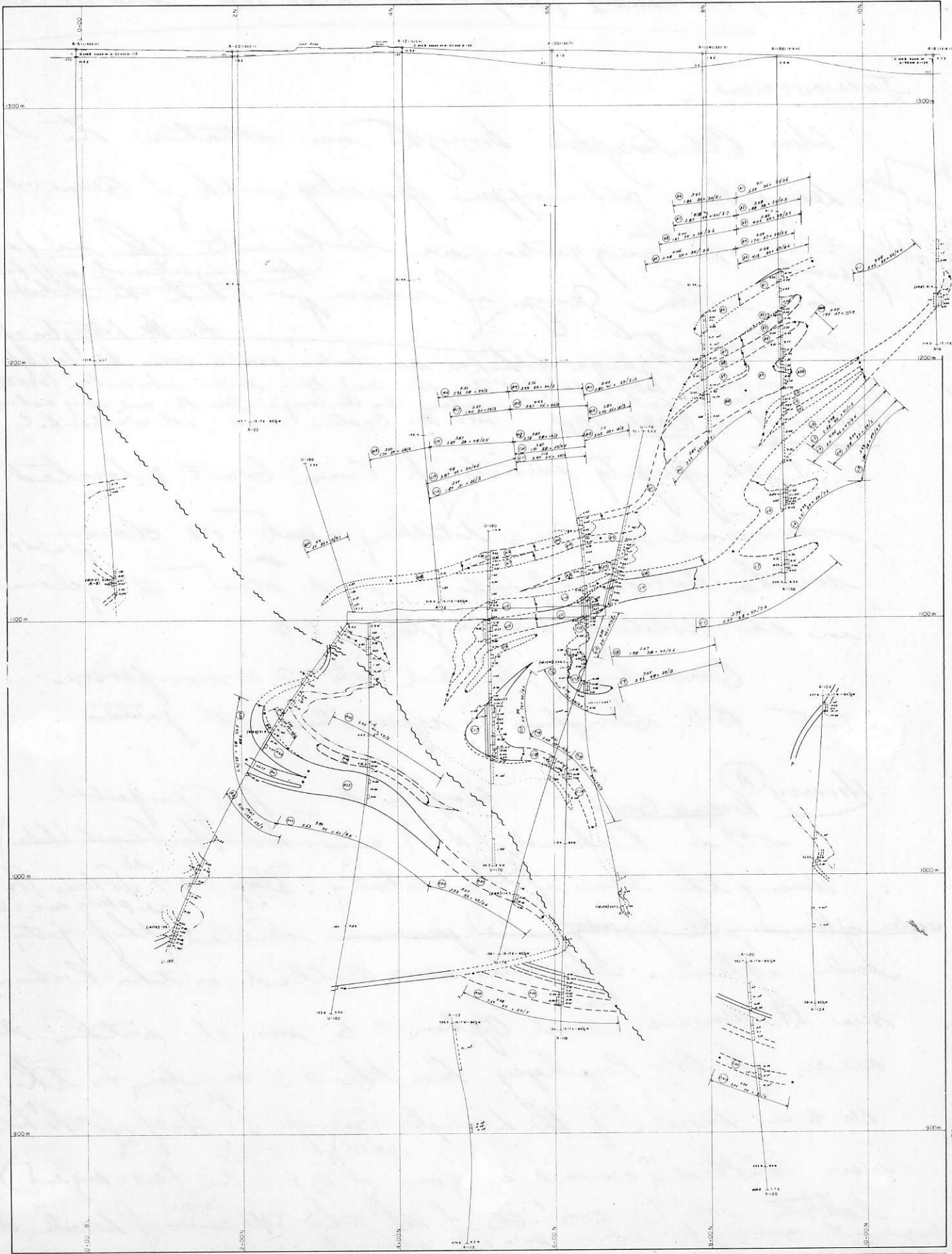
The property consists of Crown Grants & located mineral claims totalling about 17 ^{patented & unpatented} claims within British Columbia, and about 22 ¹ claims in the State of Washington, U.S.A.

Ownership is divided into 2 or more persons but Bob Swaffham is representing all parties.

History (A) Richmond Group ^{Group in the area first prospectured}

The Richmond (B.C.) and ~~Long Star (Wash. State)~~ ⁵⁰ during the turn of the century. ^{21 photos and 2 D.O.H.} ~~Under option, the property was purchased~~ ^{Dr. 1907} ~~and~~ ^{Silver Star} ~~the property was purchased~~ ^{drilled} ~~the property~~ ^{under option.} The holes were drilled on the Richmond ^{C.G.} near St. Maurice and Ophian C.G. min. cl. within the area of Bob's Porphyry from the U.S. boundary to the No. 4 ^{N.C.} ^{180' x 60'} ^{100' to 400'} ^{SW corner} ^{of Lincoln N.C.} ^{about} ^{Half of the holes} were drilled ⁱⁿ around a zone of 0.8% Cu (0.02 August) ^{located} ^{100' to 400' SE of} ^{the SW corner} ^{of Lincoln N.C.} ^{the main zone lies between 40' - 120' below the surface.} ^{100' to 400'} ^{SW corner} ^{of Lincoln N.C.} ^{about} ^{Half of the holes} were drilled ^{along} a length of 300' ^{at the south bank} ^{where a grade} ^{range} ^{is} ^{0.05 to 0.05%}

Hole holes grade - the main zone lies between 40' - 120' below the surface.



SCALE: 1:500
 DRAWN BY: A. S. [Signature]
 DATE: 1971
 REVISION: STAGE #

KERR ADGISON MINES LTD
 GROM JOINT VENTURE, Y.T.
ASSAYS & MINERAL RESERVE OUTLINE
SECTION 84 W

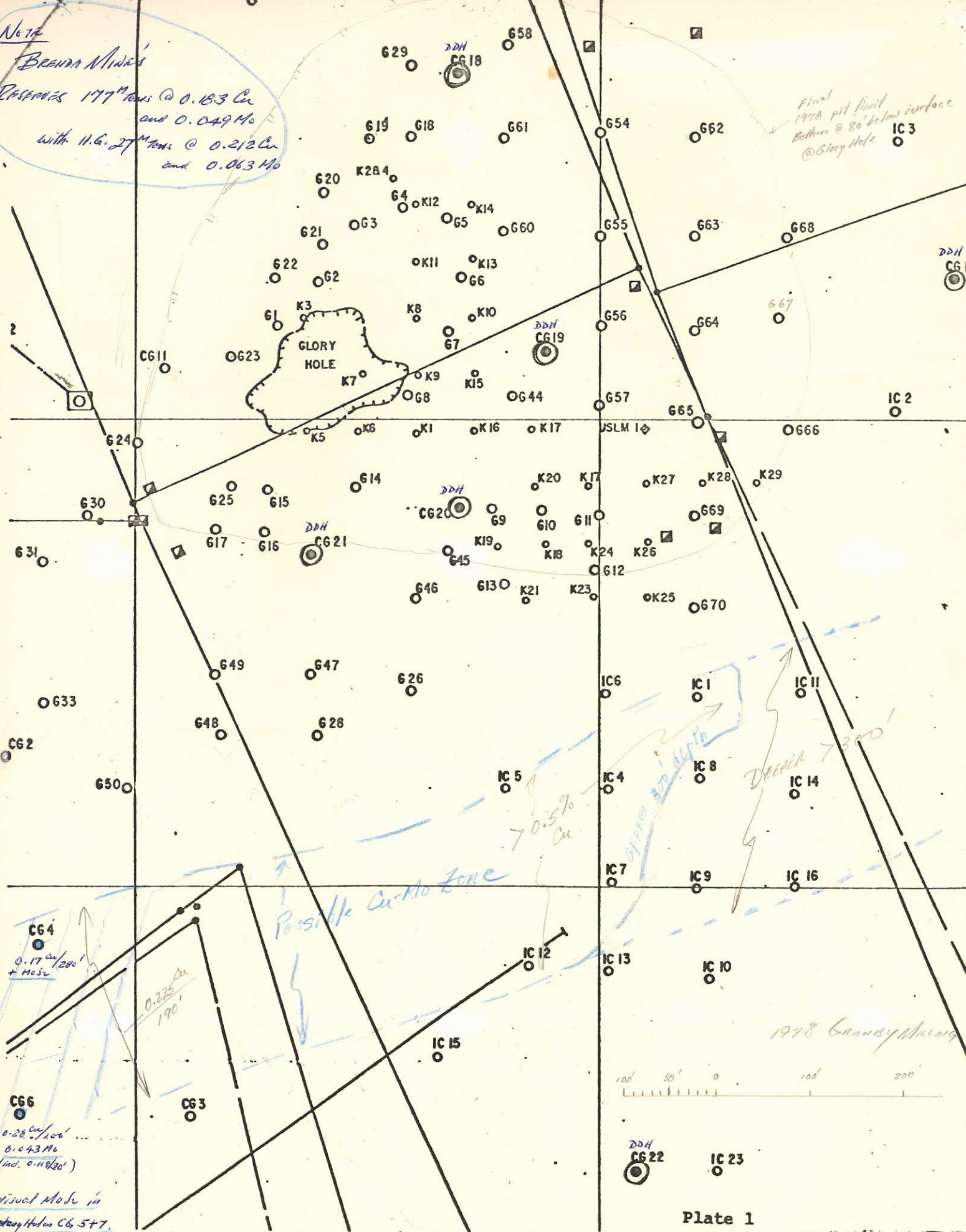
N 43° 47' 56" E →

No. 12

Brenda Mine's

Reserves 177 tons @ 0.183 Cu
and 0.049 Mo
with 11.6 27 tons @ 0.212 Cu
and 0.063 Mo

Final 1978 pit limit
Bottom @ 80' below surface
@ Glory Hole



CG4
0.17 Cu / 280'
+ Mo 52

CG6
0.28 Cu / 100'
0.043 Mo
(incl. 0.119 20')

Visual Mo in
Recovery Holes CG 5+7.
Location SW?



Plate 1

LONG STAR

Feb 11/81

LONG STAR, PIT + UNDERGROUND RESERVES (approx.)

SECTION	INITIAL	SECT THICKNESS	AREA ft ²	Tons	Grade %
50+20 ^H	50+10 to 50+50	40'	150 x 40	$\frac{6000 \times 40}{12} = 20,000$	0.8
51+00	50+50 to 51+25	75'	150 x 50	$\frac{7500 \times 75}{12} =$	1
51+50	51+25 to 51+75	50'	---	---	---
52+00	51+75 to 52+15	40'	150 x 50	$\frac{150 \times 50 \times 40}{12} =$	0.7
52+20	52+15 to 52+65	50'	150 x 50	$\frac{150 \times 50 \times 50}{12} =$	0.6
53+00	52+65 to 53+25	60'	200 x 30	$\frac{200 \times 30 \times 60}{12} =$	0.5

$20,000 \times 0.8 = 16,000$ ^{tons %}
 $46,875 \times 1.0 = 46,875$
 $25,000 \times 0.7 = 17,500$
 $31,250 \times 0.6 = 18,750$
 $30,000 \times 0.5 = 15,000$

 $153,125$ $114,125$

OPEN PIT TONS @ GRADE 153,125 @ 0.7 % Cu and probably 0.02 % Au/ft.

SECTION	INITIAL	THICKNESS	AREA	Tons	% Cu
43+50 ^N	43+25 to 43+75	50'	90 x 110	$\frac{90 \times 110 \times 50}{12}$	1.6
44+00	43+75 to 44+22	48'	---	---	2.19 ^{est.}
44+45 ^N	44+22 to 45+00	46'	45 x 400	$\frac{45 \times 400 \times 46}{12}$	2.41
45+50	45+00 to 45+50	50'	50 x 250	$\frac{50 \times 250 \times 50}{12}$	1.11
46+00	45+50 to 45+75	25'	15 x 250	$\frac{15 \times 250 \times 25}{12}$	1.19 ^(0.05)
46+25	45+75 to 46+45	70'	60 x 150	$\frac{60 \times 150 \times 70}{12}$	1.58 ^(0.06)
46+65	46+45 to 46+80	35'	50 x 100	$\frac{50 \times 100 \times 35}{12}$	0.65
47+00					

$41,250 \times 1.6 = 66,000$
 $55,125 \times 2.19 = 120,723$
 $69,000 \times 2.41 = 166,290$
 $52,083 \times 1.11 = 57,812$
 $7,812 \times 1.19 = 9,297$
 $52,500 \times 1.58 = 82,950$

UNDERGROUND TONS @ GRADE 277,770 @ 1.81 % Cu 503,072
and 0.02 % Au.

<u>1C-1</u>	0.4 ^{cu}	0.015 ^{moSe}	Tr	N	210-285' / 75'	0.51 ^{cu}
OB. 135'	0.2	0.017	0.01	N	390-529 / 130'	134'-590' / 45'
	2.40	0.016	0.016	Tr	529-590 / 61'	

<u>1C-2</u>	5.87	0.071	0.04	0.24	182-199.5' / 17.5'
O.B. 103'	= 0.3	≈ 0.015	≈ 0.005	Tr	199.5-388 / 188.5
	0.37?	≈ 0.015	≈ 0.005	N-Tr	388-600? / 212'

<u>1C-3</u>	1.38	Tr	Tr	Tr	261-276 / 10'
O.B.	2.40	Tr	Tr	N.	311-331 / 20'
	0.64	≈ Tr	Tr	Tr.	386-416 / 30'

<u>1C-4</u>					
OB-110'	1.43	≈ 0.005	0.02	Tr	110-290 / 180'
	3.65	0.005	0.02	Tr	230-290 / 60'

<u>1C-5</u>	0.29	NOT ASSIGNED			140-190 / 50'
	1.29				235-240 / 5'

<u>1C-6</u>	1.59	0.005	Tr	N	178-203 / 25'
	0.15	0.015	Tr	N	203-218 / 15'
	1.19	0.01	Tr	N	218-228 / 10'
	≈ 0.36	0.008	Tr	N	228-283 / 5.5'
	0.74	≈ 0.005	Tr	N	283-303 / 20'
	0.07	≈	Tr	N	-343 / 40'
	1.03	Tr	0.03	0.01	-373 / 30'

	a_n	$M_o S_r$	A_n	A_g	
<u>IC-7</u>	≈ 0.18	N.A.	N.A.	N.A.	126 - 226 / 100'
OB=100'	0.34	≈ 0.02	0.012	N	226 - 352 / 126'
	2.84	≈ 0.013	0.013	TV	- 432 / 80'
	0.27	N.A.	N.A.	N.A.	- 586 / 154'

<u>IC-8</u>	2.46	0.165	0.10 *	TV	415 - 425 / 10'
OB=120'	0.27	0.018	0.027	TV	425 - 485 / 60'
	1.33	0.074	TV	TV	485 - 510 / 25'
	0.27	0.015	TV	TV	510 - 520 / 10'
	1.12	0.02 ?	N.A.	N.A.	520 - 535 / 15'
	0.77				415 - 535 / 120'

<u>IC-9</u>					
OB=80'	4.17	0.02	0.48 *	0.94	401 - 411 / 10'
	0.21	≈ 0.02	TV	TV	411 - 526 / 115'
	1.99	0.01	0.005	TV	526 - 581 / 55'

<u>IC-10</u>	0.83 0.25 0.03 0.42	N.A. 0.01 TV	- TV TV	- TV TV	90 - 253 / 63' 253 - 258 / 5' 258 - 308 / 50' 308 - 313 / 5'
OB=90'	1.66	0.005	TV	TV	313 - 323 / 10'
	0.02	TV	TV	TV	323 - 445 / 122'
	0.48	0.096	TV	TV	445 - 480 / 35'
	≈ 0.23	0.037	TV	N	480 - 545 / 85'
	0.46	0.01	0.015	N	545 - 603 / 58'
	0.30	< 0.005	TV	TV	603 - 715 / 112'
	0.71	TV	TV	N	715 - 750 / 35'
	0.04 0.48 0.025	N.A. N.A. N.A.			750 - 770 / 20' 770 - 780 / 10' 780 - 816 / 36'

<u>IC-11</u>					
OB=132'	0.24	N.A.	N.A.	N.A.	490 - 611 / 141'
	0.65	N.A.	N.A.	N.A.	611 - 676 / 65'

CU MOS AV AG

1C-12

OB=90'	0.26	N.A.	N.A.	N.A.	90-121 / 31'
	2.07	"	"	"	121-186 / 15'
	0.16	"	"	"	186-261 / 125'
	0.58	"	"	"	261-356 / 95'
	2.13	"	"	"	< 346-356 / 10' >
	0.01				356-396 / 121'
	NA	NA	NA	NA	396-498 / 102'

R 0.01	=	=	=	80 - 180 / 100'
PR 0.15	=	=	=	180 - 280 / 100'
CR 0.28	=	=	=	180 - 380 / 100'
CO 0.02	=	=	=	380 - 478 / 95'

1C-13

OB/80'	0.82	NA	NA	NA	475-500 / 25'
	0.01	"	"	"	500-520 / 20'
	2.42	"	"	"	520-585 / 65'
	0.08	"	"	"	585-605 / 20'
	0.75	"	"	"	605-635 / 30'
	0.91	"	"	"	605-625 / 20'
	2.02	NA	"	"	635-700 / 65'
	NA	NA	"	"	700-766 / 66'

} $\frac{1.62}{475-585' (110')}$

1C-14

OB/110'	0.39	NA	NA	NA	570-540 / 30'
	0.23	"	"	"	540-600 / 60'
	1.13	"	"	"	600-690 / 90'

1C-15

OB/90'	0.26	NA	NA	NA	110-120 / 90'
	0.27	"	"	"	290-350 / 60'

1C-16

OB/100'	0.39	NA	NA	NA	454-514 / 60'
	1.93	NA	"	"	514-524 / 10'
	0.35	"	"	"	524-634 / 110'
	1.86	"	"	"	634-654 / 20'

} $\frac{0.58}{454-664 (210')}$

10-17

08/100

1.06

NA

NA

NA

445-455 / 10

0.11

455-500 / 45

0.46

500-600 / 100

0.1

600-650 / 50

0.37

650-685 / 35

0.85

685-715 / 30

10-18

08/52

NIL

10-19

190'

0.43

NA

NA

NA

425-470 / 435'

0.25

475-485 / 10'

0.57

425-465 / 40'

0.23

465-500 / 35

1.36

500-530 / 30

1.63

500-520 / 20

0.36

520-570 / 340'

10-20 (-45°)

NIL