

3237

PROGRESS REPORT

McBRIDE RIVER PROJECT

DEASE LAKE AREA

LIARD MINING DIVISION, BRITISH COLUMBIA

(App. 58° North Latitude, 129° West Longitude)

N.T.S. Map Ref. 104 P/I

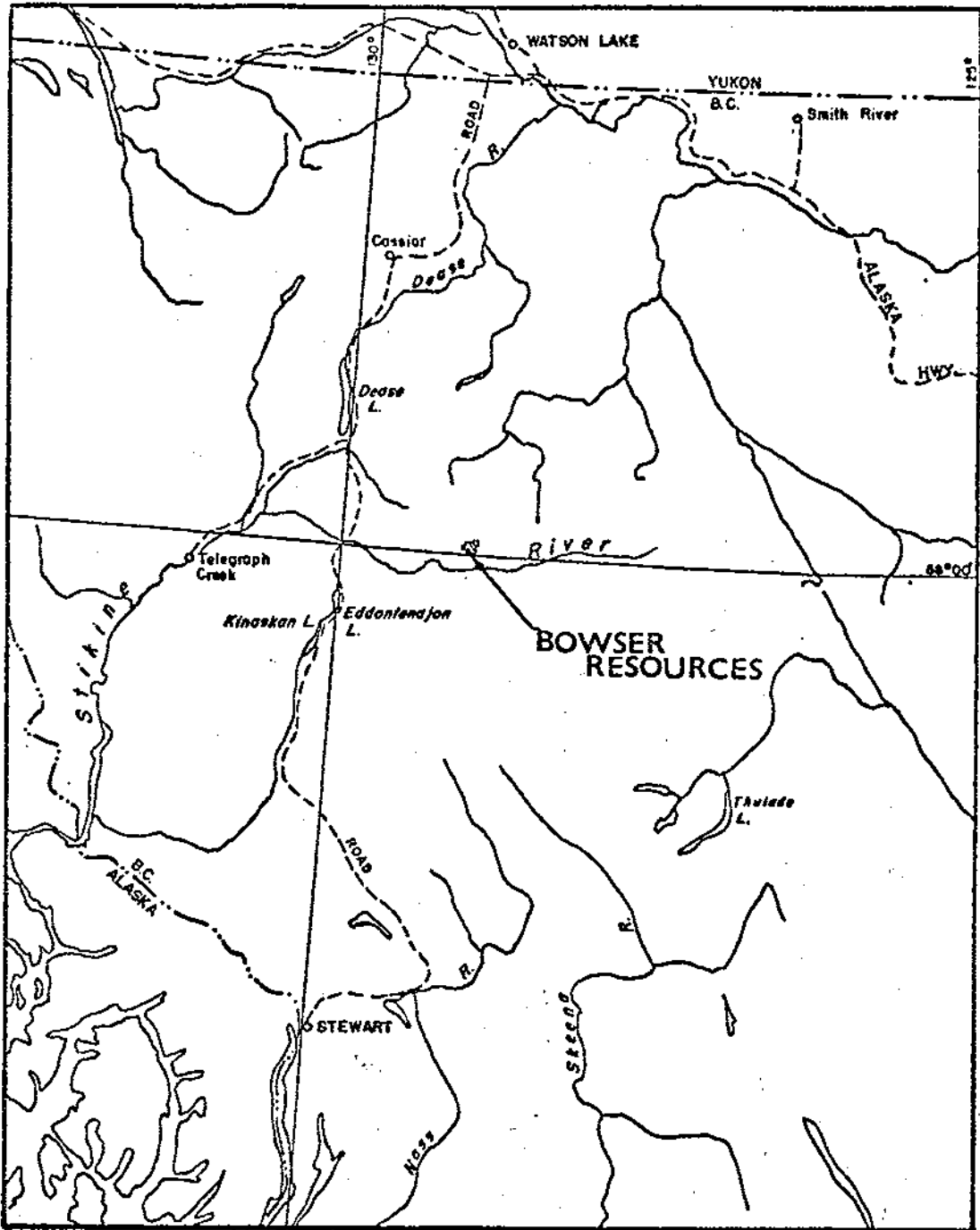
BOWSER RESOURCES LTD. (N.P.L.)

AUGUST 12, 1971

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

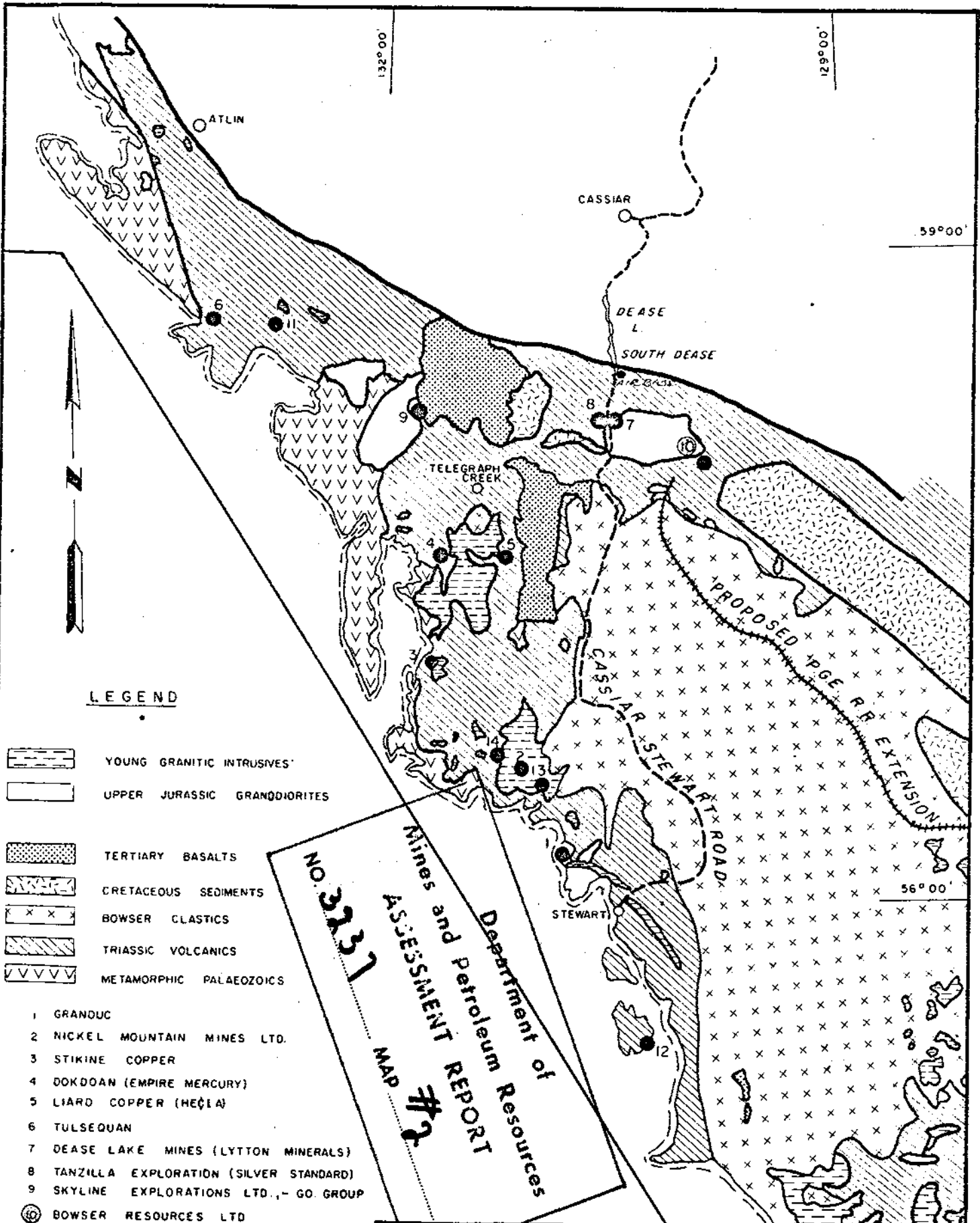
NO. 3237 M.P.

Edward O. Chisholm, P.Eng.
Vancouver British Columbia



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. **3237** MAP **#1**

LOCATION MAP
BOWSER RESOURCES LTD.
 STIKINE RIVER AREA
 Scale 0 25 50 Miles
 J. FOSTER IRWIN ENGINEERING & MANAGEMENT SERVICES LIMITED
 EDMONTON, ALBERTA
 SEPTEMBER, 1969



LEGEND

- YOUNG GRANITIC INTRUSIVES
- UPPER JURASSIC GRANODIORITES
- TERTIARY BASALTS
- CRETACEOUS SEDIMENTS
- BOWSER CLASTICS
- TRIASSIC VOLCANICS
- METAMORPHIC PALAEOZOICS

- 1 GRANDUC
- 2 NICKEL MOUNTAIN MINES LTD.
- 3 STIKINE COPPER
- 4 DOKDOAN (EMPIRE MERCURY)
- 5 LIARD COPPER (HECIA)
- 6 TULSEQUAN
- 7 DEASE LAKE MINES (LYTTON MINERALS)
- 8 TANZILLA EXPLORATION (SILVER STANDARD)
- 9 SKYLINE EXPLORATIONS LTD., - GO GROUP
- ⑩ BOWSER RESOURCES LTD
- 11 MONTANA MINES LTD.
- 12 ANYOX
- 13 SKYLINE EXPLORATIONS, - P N GROUP
- 14 SKYLINE EXPLORATIONS, - INEL, SHAN GR.

Department of
 Mines and Petroleum Resources
ASSESSMENT REPORT
MAP #2
NO. 3237

BOWSER RESOURCES LTD.
 TRIASSIC VOLCANICS,
 NORTHERN BRITISH COLUMBIA
 P. H. SEVENSMA CONSULTANTS LTD VANCOUVER B.C.
 DEC. 1969, Fig. 2 SCALE: 1" = 40 MILES

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by H.S. Aikins	

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4 4) Bowser Project
5 5) Claims (field copy)
6 6) Claims

I N T R O D U C T I O N A N D S U M M A R Y

Further to reports on the property dated October 20, 1970 and June 9, 1971, the writer visited the McBride River property of Bowser Resources Ltd. on July 20th and logged the core of diamond drill holes 1 to 5 and reviewed the progress of airborne survey work and surface mapping.

Four short diamond drill holes totalling 466 feet were bored on the North Zone on claim Bonus No. 1. Chalcocite occurrence has proved the existence of chalcocite mineralization in a strong shear zone in the lavas with a strike length of at least 400 feet and a true width from 3 to 13 feet. Copper values were below ore grade. Further work is warranted to trace the extent of the zone.

A diamond drill hole was put down under the West Zone on Claim Bold No. 3 but no significant mineralization was intersected.

A detailed geological survey was carried out by H.S. Aikins Exploration Services Ltd. over the North showing on Bonus 1 to 4 claims and a line survey to establish the relationship of previous staking in the area and the validity of the Ride group of claims adjoining the recent Bonus staking. Some 74 new claims have been staked.

An airborne magnetic survey covering 40 square miles was carried out over the property on east-west flight lines spaced at 1/8 mile intervals by Seigel Associates of Vancouver from June 29th to July 23rd, 1971. Two

flight lines were flown south from the Lytton Minerals property 16 miles southeast of Dease Lake to correlate their porphyry copper deposit with similar geological conditions on the Bowser property on Sister Mary Mountain. This area lies on the eastern ridge of the Hotailuh Batholith that hosts the Lytton deposit. Low grade copper-molybdenum mineralization occurs in fractured granite rocks on the Bowser property on Sister Mary Mountain in similar geological conditions to the Lytton deposit. The survey results are being compiled and should be available by August 15th. The borders of the claim group were extended westward in the area to cover these indications.

A total of approximately \$38,000 has been expended in exploration on the property this year.

D I A M O N D D R I L L I N G

A total of 966 feet of BQ wireline drilling in 5 holes was completed by Kendrick Drilling in July. Core recovery in all holes was good. A summary of holes and all significant assays follows. Detailed draft copies of the logs are attached in Appendix 1 together with assay sheets, and Location Plan of holes 1 to 4 on the North Zone, Appendix II.

In general the drilling in this area encountered a series of more or less flat lying series of lava beds varying from andesite to porphyritic dacite in composition intercalated with medium to coarse grained fragmentals.

Mineralization consists of copper oxides and finely disseminated chalcocite and bornite in a vertically inclined shear zone striking northeasterly. Pervasive kaolinization and potassium feldspar alteration accompanies the mineralization.

Hole	Location	Footage	Interval	Assays		Remarks
				Cu %	Ag oz/t	
1 @-60°	Bonus 1 MC Drilled N80°E Elev. 5250'	40- 65	25.0'	0.26	0.1	Sheared porphyritic dacite lava containing copper ox- ides and 1 mm specks of dis- seminated chalcocite, less than 1% by volume. Core angle 80°. Alteration K-spar and quartz carbonate stringers. Considerable kaolinization.
		80- 90	10.0'	0.59	0.05	Fracture zone parallel to core containing iron and copper oxides. Overburden 0-3 ft.
2 @-50°	Bonus 1 drilled from same collar as No.1 at N110°E (approx.)	25- 45	20.0' 609'	0.39	0.25 2.5%	Sheared porphyritic dacite lava containing copper ox- ides 2-3% disseminated chal- cocite. Core angle 45°. Alteration K-spar and kaolin. Overburden 0-6 ft.
3 @-50°	Bonus 1 drilled from same collar as No.1 & 2 at N140°E (approx.).	55- 60	10.0'	0.37	Tr	Similar to Holes 1 & 2 inter- sections. Core 30°. Overburden 0-7 ft.
4 @-50°	Boldex 1 Elev. 5160' Drilled @ 2900.	161-166	5.0'	1.60	0.7	Altered fragmental lava con- taining 3-5% disseminated f.g. chalcocite and bornite on shear planes. Alteration kaolin. Same zone cut in holes 1,2 & 3. NOTE: Additional minor chalcite noted in section from 74-83' and 177-188' but not sampled. Overburden 0-12 ft.

Hole	Location	Footage	Interval	Assays		Remarks
				Cu %	Ag oz/t	
5 @-60°	Bold #3 MC Elev. 5650'	295.5' to 296.5'	1.0'	0.2	Tr	Coarse grained fragmental lava containing 1/4" stringers of fine chalcocite mineral- ization 20° to core. Appears to be downward extension of West vein structure but no quartz veining noted. Overburden 0-12 ft.

G E O L O G Y

The geology of the drilling area is underlain by flatlying lavas of Mesozoic Age (Takla ?). No intrusive rocks were encountered although the presence of extensive pink K-spar alteration in the shear zones accompanying mineralization indicates that intrusives may be present at no great depth beneath the area. The lavas are comprised of the following sequence from top to bottom as mapped by H. S. Aikins.

- 1) Red volcanics, predominantly thin flows of tile red aphanitic rock containing some hematite.
- 2) Andesite breccia; green fragmental local chlorite and epidote alteration may be tuffaceous in part.
- 3) Conglomerate, well rounded quartzite and limestone minor intercalated sediments and volcanics.
- 4) Dacite porphyry, massive purple unit with local feldspathic alteration.
- 5) Pyroclastic beds angular fragments to 5 inch size - numerous narrow beds not differentiated.

The prevailing strike of the sequence is N30° East and dip 5° to the east. (Appendix III.)

MINERALIZED ZONE

The North mineralized zone has been traced on surface by bulldozer trenching, mapping and drilling for approximately 500 feet. It consists of a vertically dipping sheared zone in the lava sequence that strikes approximately N30°E. It varies in width from 3 feet to approximately 25 feet. Where sampled it varies from 1/4 to 1 1/2% copper in the drilling. Mineralization consists of fine disseminated chalcocite and bornite ore within the shear zone with varying amounts of the copper rocks, malachite and azurite. The indicated grade is not economic at present.

With the exception of the zone uncovered by trenches, the area is covered with a light mantle of residual talus overburden from 5 to 12 feet in thickness. A pronounced linear is apparent along strike of the zone and extends for a distance of several thousand feet. The indications are that the mineralization occurs in a regional fault zone. Indicated movement is that the west side of the fault moved north laterally with respect to the east side displacing the lava beds for a distance of approximately 100 feet.

Alteration within the zone is mainly feldspathic with considerable kaolinization.

Further detailed work is warranted along strike of the zone by bulldozing to determine if wider and richer zones of copper mineralization may be present.

AIRBORNE SURVEY

An airborne magnetic survey was carried out by Seigel Associates of Vancouver over the claim group from June 29th to July 3rd, 1971 covering about 40 square miles. The centre of the survey area is located at 58°N, 129°W. Parallel east/west lines were flown at 1/8 mile spacing at a mean terrain clearance of approximately 300 feet. A Scintrex MAP 2 magnetometer system measuring total intensity of the earth's field was used, mounted in a Bell Jet Ranger helicopter. Flight navigation and flight path recovery was based upon photomosaics on a scale of approximately 1 inch = 1/4 mile. The magnetometer sensor was flown 50 feet below the helicopter.

Two profiles were also flown from the Lytton Minerals property located about 16 miles southeast of Dease Lake, B.C. to Sister Mary Mountain on the Bowser Resources property.

The purpose of the program was to map the earth's total magnetic field in the survey area to determine the distribution of magnetic material in the underlying rocks. By means of these anomalies, various rock types and/or structural features may be revealed. The value of the earth's field in the survey is approximately 58,500 gammas, the inclination is 74 degrees.

The Lytton Minerals Ltd. Dease Lake property is located at the contact of granitic and volcanic rocks. In 1968 Lytton Minerals outlined two copper deposits which drilling indicated to contain an aggregate of 15,000,000 tons of 0.4 to 0.5 percent copper. Mineralization consists of disseminations and stockwork of chalcopyrite and some bornite in highly fractured and altered andesite. Similar geological conditions prevail in the Mount Sister Mary area on the Bowser property on the eastern side of the Hotailuh Batholith, and the survey will provide additional data for future exploration on the ground by means of geochemical and geophysical methods.

Results of the survey are now being compiled and will become available by August 15th.

C O N C L U S I O N S

The recent work completed on the property has established the presence of vein type copper mineralization in a regional fault zone in the volcanic rocks on the eastern section of the property that requires additional detailed work to define its extent. Where intersected in the drilling the values are not of economic grade. An aeromagnetic survey has been completed over the property to evaluate indications of a large low grade porphyry copper type occurrence in granitic rocks on the western side of the property in the vicinity of Mount Sister Mary.

RECOMMENDATIONS

- 1) Additional ground geological, geochemical and geophysical surveys and prospecting work to be carried out over any anomalous indications resulting from an aeromagnetic survey now in progress. Trenching and diamond drilling depending upon results.

- 2) Detailed geochemical survey along strike of vein deposits to define their extent.

Respectfully submitted,



Edward O. Chisholm, P.Eng.



BOLDEX 1

BOLDEX 2

RIDE 5

D.D.H. #4

MINERALIZED ZONE

#1
#2
#3

DIAMOND DRILL SITE

BONUS 1

RIDE 3

CAMP Δ
 Δ
 Δ

BONUS 2

RIDE 4

RIDE 6

BONUS 4

BONUS 3

"FIELD COPY"

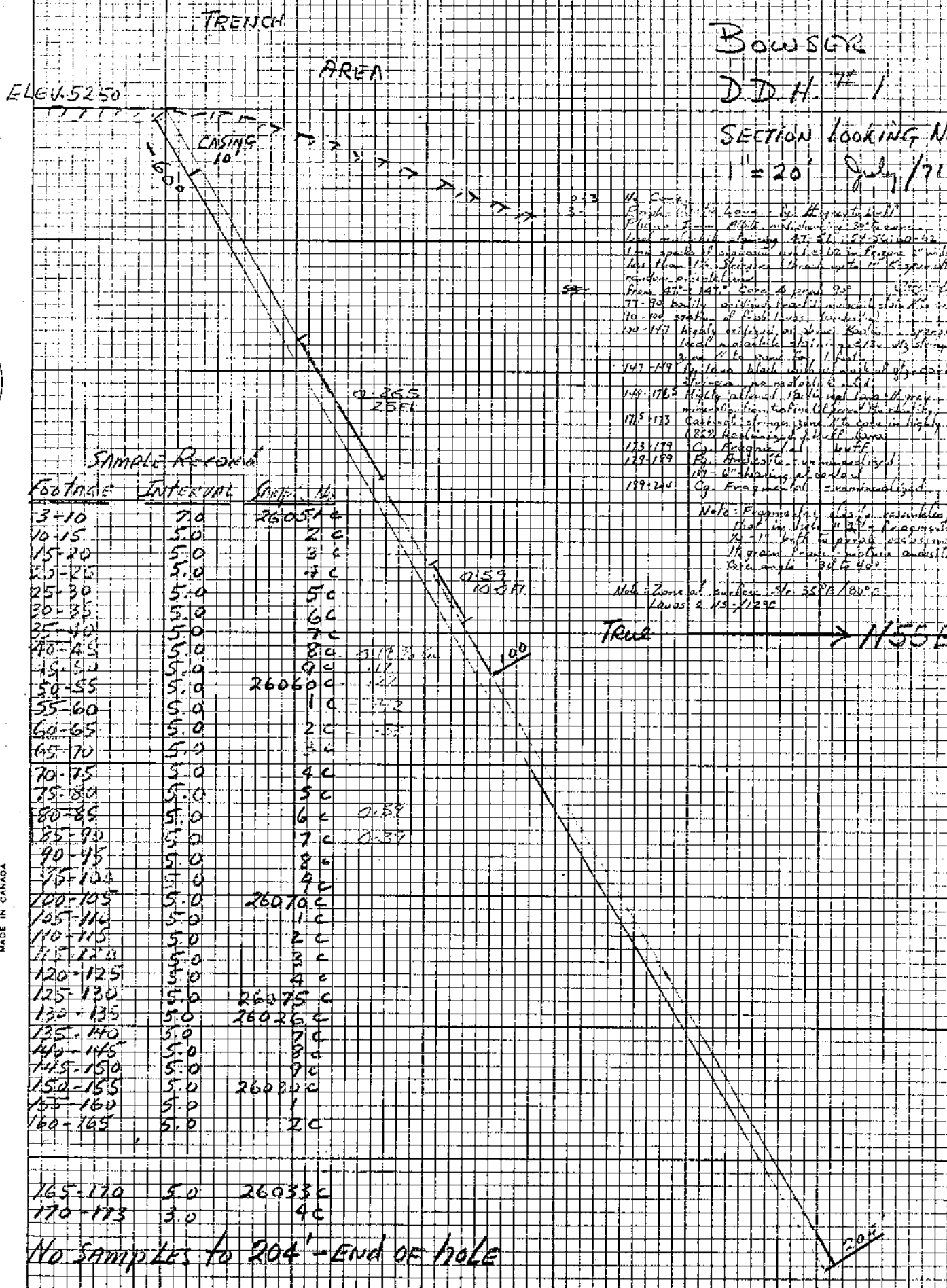
BOWSER RESOURCES LTD. (N.P.L.)
 - CLAIMS -
 JULY 10, 1971 1 in. = 400 FT.
 H.S. AIKINS EXPL. SERVICES LTD.

APPENDIX I

D.D.H. #1

Drilled on BONUS CLAIM #1

BOWSER
D.D.H. #1
SECTION looking North
1" = 20' July/71



0-3 No. 5000
3-10 Fine-grained sandstone with K-granite detritus
10-15 Fine-grained sandstone with K-granite detritus
15-20 Local sandstone with K-granite detritus
20-25 Local sandstone with K-granite detritus
25-30 Local sandstone with K-granite detritus
30-35 Local sandstone with K-granite detritus
35-40 Local sandstone with K-granite detritus
40-45 Local sandstone with K-granite detritus
45-50 Local sandstone with K-granite detritus
50-55 Local sandstone with K-granite detritus
55-60 Local sandstone with K-granite detritus
60-65 Local sandstone with K-granite detritus
65-70 Local sandstone with K-granite detritus
70-75 Local sandstone with K-granite detritus
75-80 Local sandstone with K-granite detritus
80-85 Local sandstone with K-granite detritus
85-90 Local sandstone with K-granite detritus
90-95 Local sandstone with K-granite detritus
95-100 Local sandstone with K-granite detritus
100-105 Local sandstone with K-granite detritus
105-110 Local sandstone with K-granite detritus
110-115 Local sandstone with K-granite detritus
115-120 Local sandstone with K-granite detritus
120-125 Local sandstone with K-granite detritus
125-130 Local sandstone with K-granite detritus
130-135 Local sandstone with K-granite detritus
135-140 Local sandstone with K-granite detritus
140-145 Local sandstone with K-granite detritus
145-150 Local sandstone with K-granite detritus
150-155 Local sandstone with K-granite detritus
155-160 Local sandstone with K-granite detritus
160-165 Local sandstone with K-granite detritus
165-170 Local sandstone with K-granite detritus
170-175 Local sandstone with K-granite detritus

SAMPLE RECORD

Footage	Interval	Sample No.
3-10	7.0	26051A
10-15	5.0	2E
15-20	5.0	3E
20-25	5.0	4C
25-30	5.0	5C
30-35	5.0	6C
35-40	5.0	7C
40-45	5.0	8C
45-50	5.0	9C
50-55	5.0	26060C
55-60	5.0	1C
60-65	5.0	2C
65-70	5.0	3C
70-75	5.0	4C
75-80	5.0	5C
80-85	5.0	6C
85-90	5.0	7C
90-95	5.0	8C
95-100	5.0	9C
100-105	5.0	26070C
105-110	5.0	1C
110-115	5.0	2C
115-120	5.0	3C
120-125	5.0	4C
125-130	5.0	26075C
130-135	5.0	26026C
135-140	5.0	7C
140-145	5.0	8C
145-150	5.0	9C
150-155	5.0	26020C
155-160	5.0	1C
160-165	5.0	2C
165-170	5.0	26033C
170-175	5.0	4C

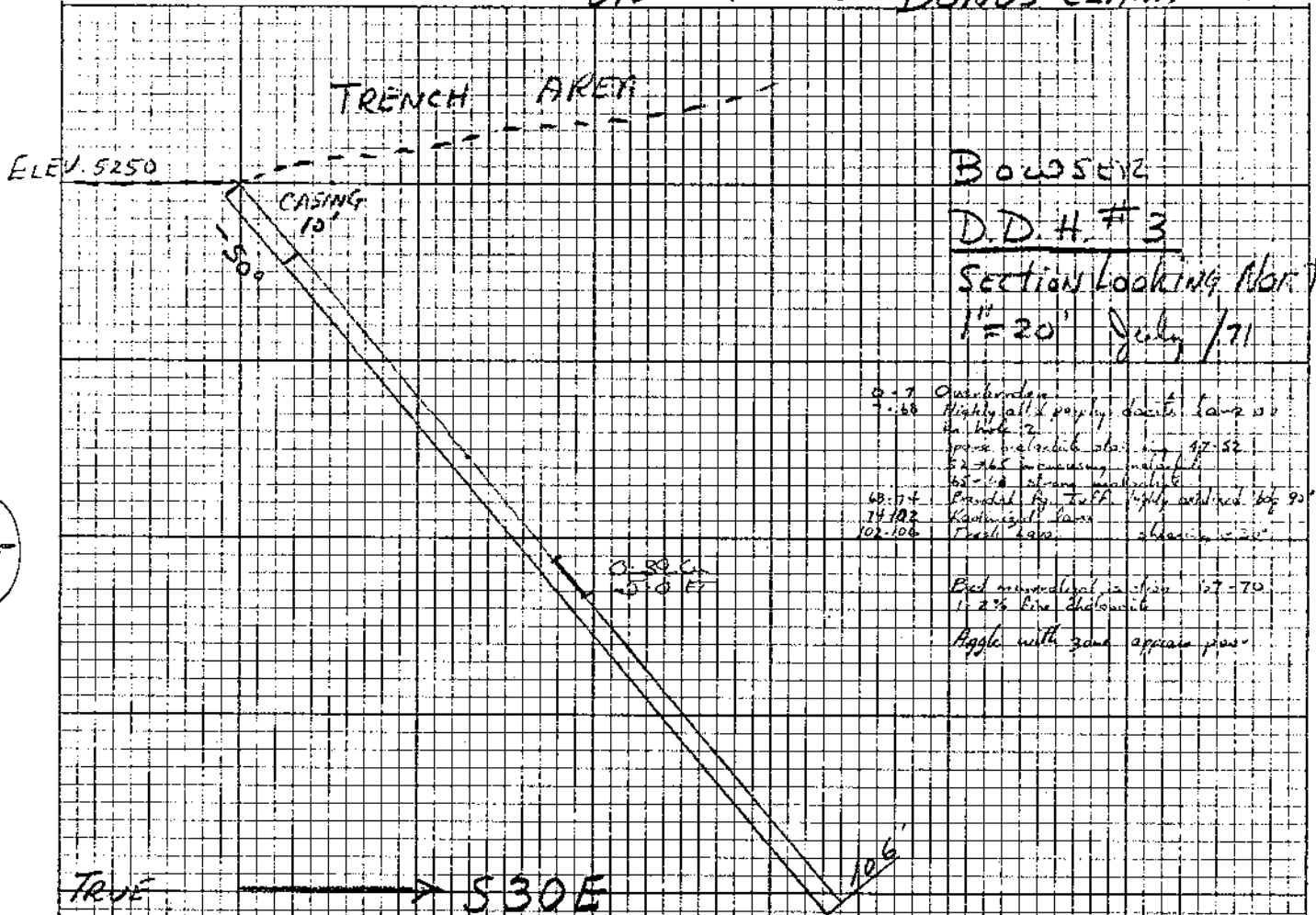
No samples to 204' - END OF HOLE



GB-5
10X10 TO THE INCH
MADE IN CANADA

D.D.H. #3

Drilled on Bonus Claim #1



Sample Record

Footage	Interval	Sample No.
7-10	3.0	26045 c
10-15	5.0	6 c
15-20	5.0	7 c
20-25	5.0	8 c
25-30	5.0	9 c
30-35	5.0	26050 c
35-40	5.0	03626 c
40-45	5.0	7 c
45-50	5.0	8 c
50-55	5.0	9 c
55-60	5.0	03630 c
60-65	5.0	1 c
65-70	5.0	2 c
70-75	5.0	3 c

No Sample to 106' - End of Hole



G8-5
10 X 10 TO THE INCH
MADE IN CANADA

D.D.H. #4

BAKER CREEK

ELEV. 5160

Drilled on Bolder CLAIM #1

Bowser
D.D.H. #4
Section looking North
1" = 20' July 17

CASING 12"

CCBS MICROGRAPH

Sample Record

Footage	Interval	Sample #	Core	AG	Notes
26-31	5.0	03634 C	01	TR	0-12 Casings 12-26 Pyrophyllite ore with some evidence of net work of vein like etc. base of ore
31-36	5.0	5 C	TR	TR	26-30 Same as above but with coarse K spars
36-39	3.0	6 C	TR	TR	disseminated fine chalcocite & iron chloride associated with fine fluorite & ill K spars grains and disseminated pyrite. Some thin line of bastnaesite
54-59	5.0	7 C	01	TR 100	30-54 Bastnaesite ore with some pyrite
59-64	5.0	8 C	TR	TR	54-59 Bastnaesite ore with some pyrite
64-69	5.0	9 C	TR	TR	54-59 Bastnaesite ore with some pyrite
69-74	5.0	03640 C	TR	TR	K spars 50% 03-10 Red flag zone 04-16 Coarse grained - some in 16-26 Bastnaesite ore with some pyrite
161-166	5.0	1 C	1.50	0.75	16-26 Bastnaesite ore with some pyrite 16-26 Bastnaesite ore with some pyrite 16-26 Bastnaesite ore with some pyrite

No sample to 231 - end of hole

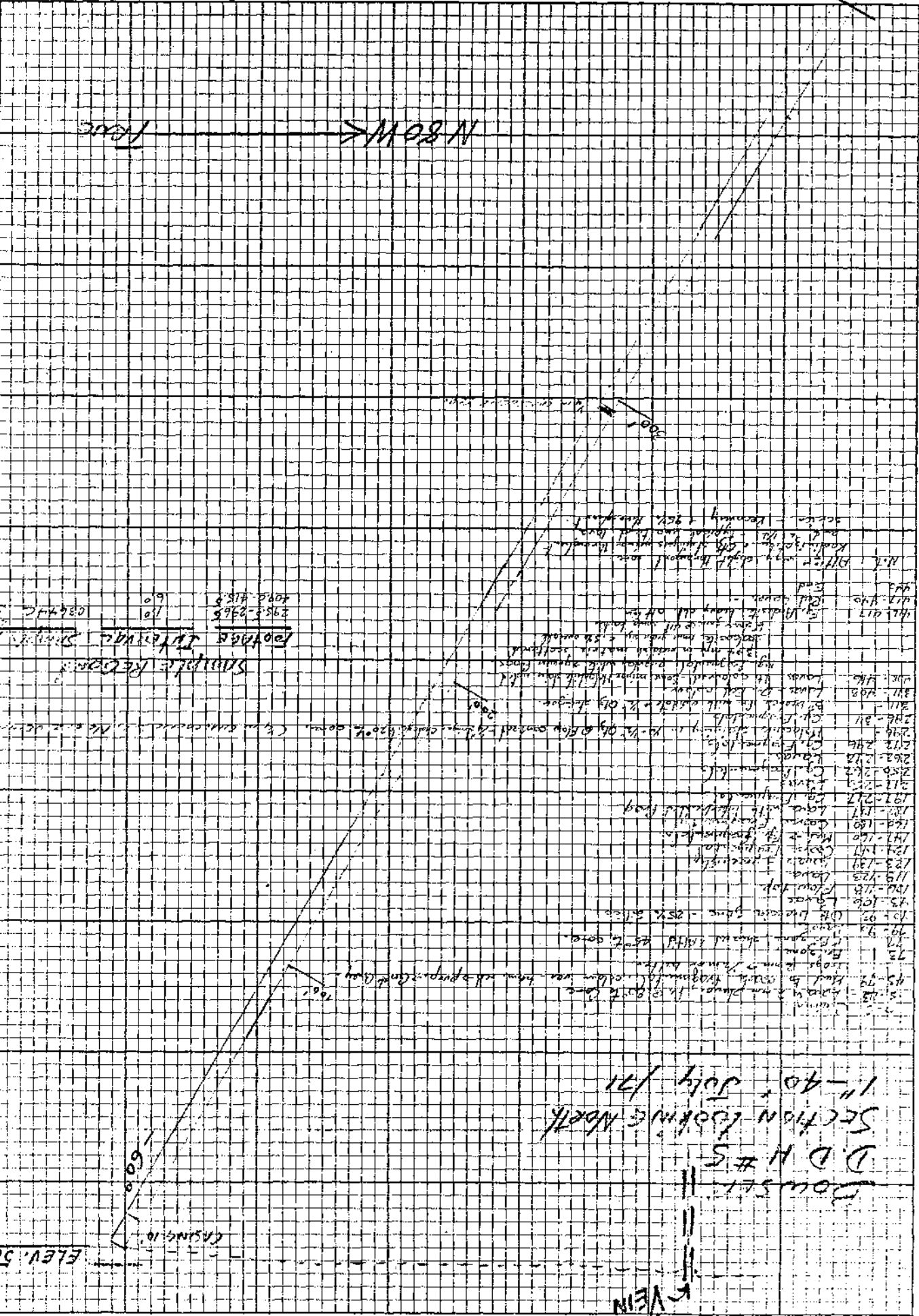
166-176
0.75
5.00

Note: Sample section from 74 to 83
" " " " 177 to 178
Note: ~~Sample section from 177 to 178~~
with 25% K spars - 177 to 178

N70W TROE

G8-5
10X10 TO THE INCH
MADE IN CANADA

231



N 80 W ←

300'

SAMPLE RECORD
 FOOTAGE INTERVAL SAMPLE NO.
 295.3-296.5 101
 409.5-410.5 60

D.D.H. #5
 D.D.H. #3
 SECTION LOOKING N80W
 1"-40' JULY 1971
 VEIN
 WEST

ELEV. 5650'

Drilled on Bold Claim #3



100
 200
 300
 400
 500
 600
 700
 800
 900
 1000

CREST LABORATORIES (B.C.) LTD.

1068 HOMER STREET
VANCOUVER 3, B.C.
PHONE 688-8586

CREST LABORATORIES LTD.
7911 ARGYLL ROAD
EDMONTON 82, ALBERTA
PHONE 469-2391

CERTIFICATE OF ASSAY

TO Bowser Resources Ltd.
c/o E.O. Chisholm, 822-602 W. Hastings St.
Vancouver, B.C.

Aug. 2, 1971

Lab No. 2953

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	COPPER	Percent	Percent	Percent	Percent	Percent	Percent	TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent							
03634 C			trace	0.01							
03635 C			trace	trace							
03636 C			trace	trace							
03637 C			trace	0.01							
03638 C			trace	trace							
03639 C			trace	trace							
03640 C			trace	trace							
03641 C			0.7	1.60							
03642 C			trace	0.01							
03643 C			trace	0.01							
03644 C			trace	0.20							

NOTE:
Rejects Retained One Month
Pulps Retained Three Months
Unless Otherwise Arranged.

Gold calculated at \$..... per ounce

F. E. Burgess
Registered Assayer, Province of British Columbia

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PHONE 688-8586

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EDMONTON 82, ALBERTA
PHONE 469-2391

CERTIFICATE OF ASSAY

TO Bowser Resources Ltd.,

July 19, 1971

102 - 2222 Bellevue Avenue,

Lab No. 2863

West Vancouver, B.C.

cc. E.O. Chisholm
822-602 West Hastings St.

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	COPPER	Percent	Percent	Percent	Percent	Percent	Percent	TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent							
03626 C	35-46	5-0	trace	0.06							
03627 C			trace	0.07							
03628 C			trace	0.12							
03629 C			trace	0.07							
03630 C			trace	0.37							
03631 C			0.1	0.17							
03632 C			0.1	0.25							
03633 C	70-75	5-0	trace	0.01							
26026 C			trace	0.02							
26027 C			trace	0.03							
26028 C			trace	0.04							
26029 C			trace	trace							
26030 C			trace	0.01							
26031 C			trace	0.01							
26032 C			trace	trace							

NOTE:
Rejects Retained One Month
Pulps Retained Three Months
Unless Otherwise Arranged.

Gold calculated at \$ per ounce

E.O. Chisholm

Registered Assayer, Province of British Columbia

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Page 2

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MARKED	GOLD		SILVER	COPPER							TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent		
26033 C			trace	trace							
26034 C			trace	0.01							
26035 C			trace	0.04							
26036 C			trace	0.09							
26037 C			trace	0.11							
26038 C			0.1	0.12							
26039 C			0.1	0.25							
26040 C			0.2	0.42							
26041 C			0.4	0.92							
26042 C			0.3	0.38							
26043 C			0.1	0.15							
26044 C			trace	0.04							
26045 C			trace	0.03							
26046 C			0.1	0.02							
26047 C			trace	0.15							

NOTE:

Rejects Retained One Month
Pulps Retained Three Months
Unless Otherwise Arranged.

Gold calculated at \$ per ounce

S. J. [Signature]
Registered Assayer; Province of British Columbia

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TO Bowser Resources Ltd.

July 19, 1971

Page 3

Lab No. 2863

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MARKED	GOLD		SILVER	COPPER							TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent		
26048 C			0.1	0.20							
26049 C			0.1	0.03							
26050 C			trace	0.02							
26051 C	<i>FOURAGE</i> 3-16	<i>142.20</i> 70	0.1	0.09							
26052 C	10-15	50	0.1	0.04							
26053 C	15-20		trace	0.02							
26054 C	20-25		trace	0.02							
26055 C	25-30		trace	0.13							
26056 C	30-35		trace	0.07							
26057 C	35-40		trace	0.01							
26058 C	40-45		0.1	0.19							
26059 C	45-50		0.1	0.17							
26060 C	50-55		0.1	0.22							
26061 C	55-60		0.1	0.42							
26062 C	60-65		0.1	0.33							

NOTE:
Rejects Retained One Month
Pulps Retained Three Months
Unless Otherwise Arranged.

Gold calculated at \$..... per ounce

S. P. Bowser

Registered Assayer, Province of British Columbia

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CERTIFICATE OF ASSAY

TO Bowser Resources Ltd.,

July 19, 1971

Page 4

Lab No. 2863

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	COPPER							TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent		
26063 C	55-70	5.0	trace	0.06							
26064 C	70-75		trace	0.02							
26065 C	75-80		trace	0.09							
26066 C	80-85		trace	0.59							
26067 C	85-90		0.1	0.39							
26068 C			trace	0.04							
26069 C			trace	0.01							
26070 C			trace	0.01							
26071 C			trace	0.01							
26072 C			trace	0.01							
26073 C			trace	0.01							
26074 C			trace	0.03							
26075 C	125-130	5.0	trace	0.02							
15451	trace		0.1	0.06							
15452	trace		0.1	0.25							
15453	trace		0.1	0.11							

NOTE:
Rejects Retained One Month
Pulps Retained Three Months
Unless Otherwise Arranged.

Gold calculated at \$..... per ounce

S. J. Bowser
Registered Assayer, Province of British Columbia

DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA:
To Wit:

In the Matter of

GEOLOGICAL AND GEOPHYSICAL SURVEYS ON
THE BOWSER RESOURCES LTD. PROPERTY,
DEASE LAKE AREA, LIARD MINING DIV. B.C.

I, Edward O. Chisholm, P.Eng.

of the City of Vancouver

in the Province of British Columbia, do solemnly declare that the following monies were expended during the course of geological and geophysical surveys on the property as noted:

MINERAL CLAIMS COVERED BY THE SURVEYS:

Pay 1,34,36,38,40,42,44,46-70.
JT 1-15, 26-49. Joy 86-99, Ray 1-11
Pay 71-100
Bow 1-4, GD 42,44,46
Bold 3,4,5,6,10
Bow 1,3,9-18, Joy 84,85,Sec 1-8, Sue 117,119,120
Boldex 1-8, Bold 1,2,9,11,12
Bonus 1-8, Bow 2,19-26, 33,34
Joy 82,83, FH 1-4, Pay 27-30, JT 18-21, Pet 13-16
Sue 1 & 3

EXPENDITURES:

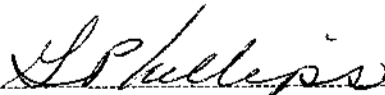
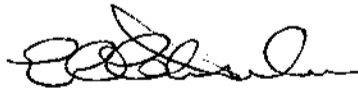
Geological Survey & Mapping	\$ 4,656
Transportation (Airborne Survey)	11,125
Camp	1,262
Assays	525
Maps & Air Photos	188
TOTAL	<u>\$ 17,756</u>

PERIOD DURING WHICH WORK WAS CARRIED OUT:

June 1st, 1971 to August 23, 1971

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the *City*
of *Vancouver*, in the
Province of British Columbia, this *26th*
day of *August* 1971, A.D.










A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia.

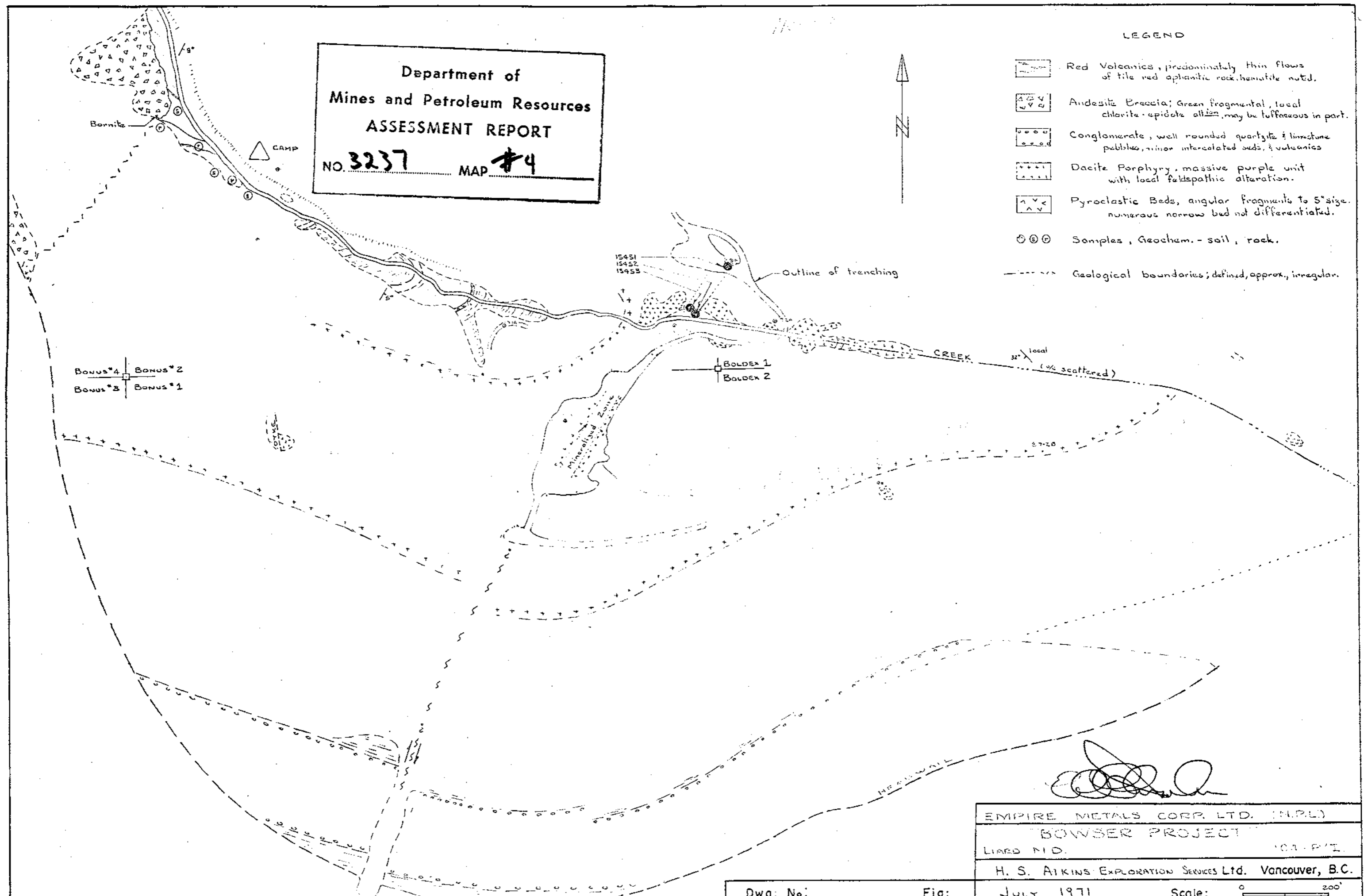
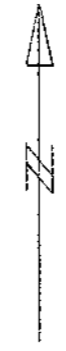
★o

SUB-MINING RECORDER

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3237 MAP #4

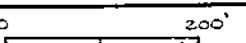
LEGEND

-  Red Volcanics, predominately thin flows of tile red aphanitic rock, hematite nodul.
-  Andesite Breccia; Green fragmental, local chlorite-epidote alter., may be tuffaceous in part.
-  Conglomerate, well rounded quartzite & limestone pebbles, minor intercalated beds, & volcanics
-  Dacite Porphyry, massive purple unit with local feldspathic alteration.
-  Pyroclastic Beds, angular fragments to 5" size, numerous narrow bed not differentiated.
-  Samples, Geochem. - soil, rock.
-  Geological boundaries; defined, approx., irregular.



Bonus*4 | Bonus*2
Bonus*3 | Bonus*1

BOLDEN 1
BOLDEN 2

EMPIRE METALS CORP. LTD. (N.P.L.)	
BOWSER PROJECT	
LIARD M.D.	10A-P/2
H. S. ATKINS Exploration Services Ltd. Vancouver, B.C.	
Dwg: No:	Fig:
JULY 1971	Scale: 

Southern part of Woodbury
(Ariz.)
GP 25



BOLDEX 1

BOLDEX 2

RIDE 5

DD.H. #4

MINERALIZED ZONE

#1
#2
#3

DIAMOND DRILL
SITE

BONUS 1

RIDE 3

CAMP Δ
 $\Delta\Delta$

BONUS 2

RIDE 4

RIDE 6

BONUS 4

BONUS 3

104 H/14E,
104 I/3E

104 I-16

"FIELD COPY"

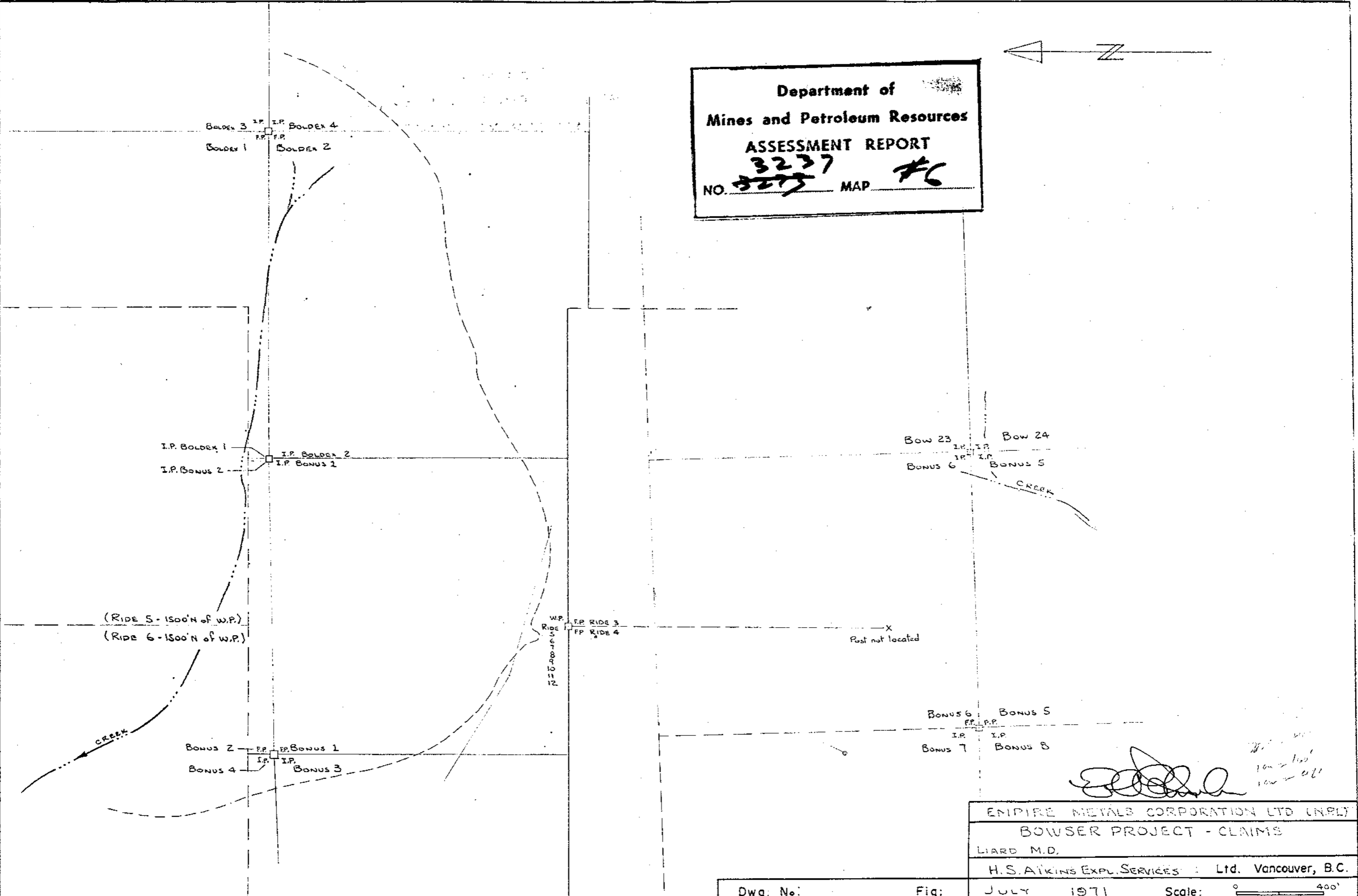
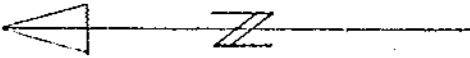
BOWSER RESOURCES LTD. (NPL)
- CLAIMS -

JULY 10, 1971

1 in. = 400 FT.

H.S. ATKINS EXPL. SERVICES LTD.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
 NO. 3237 MAP # 6










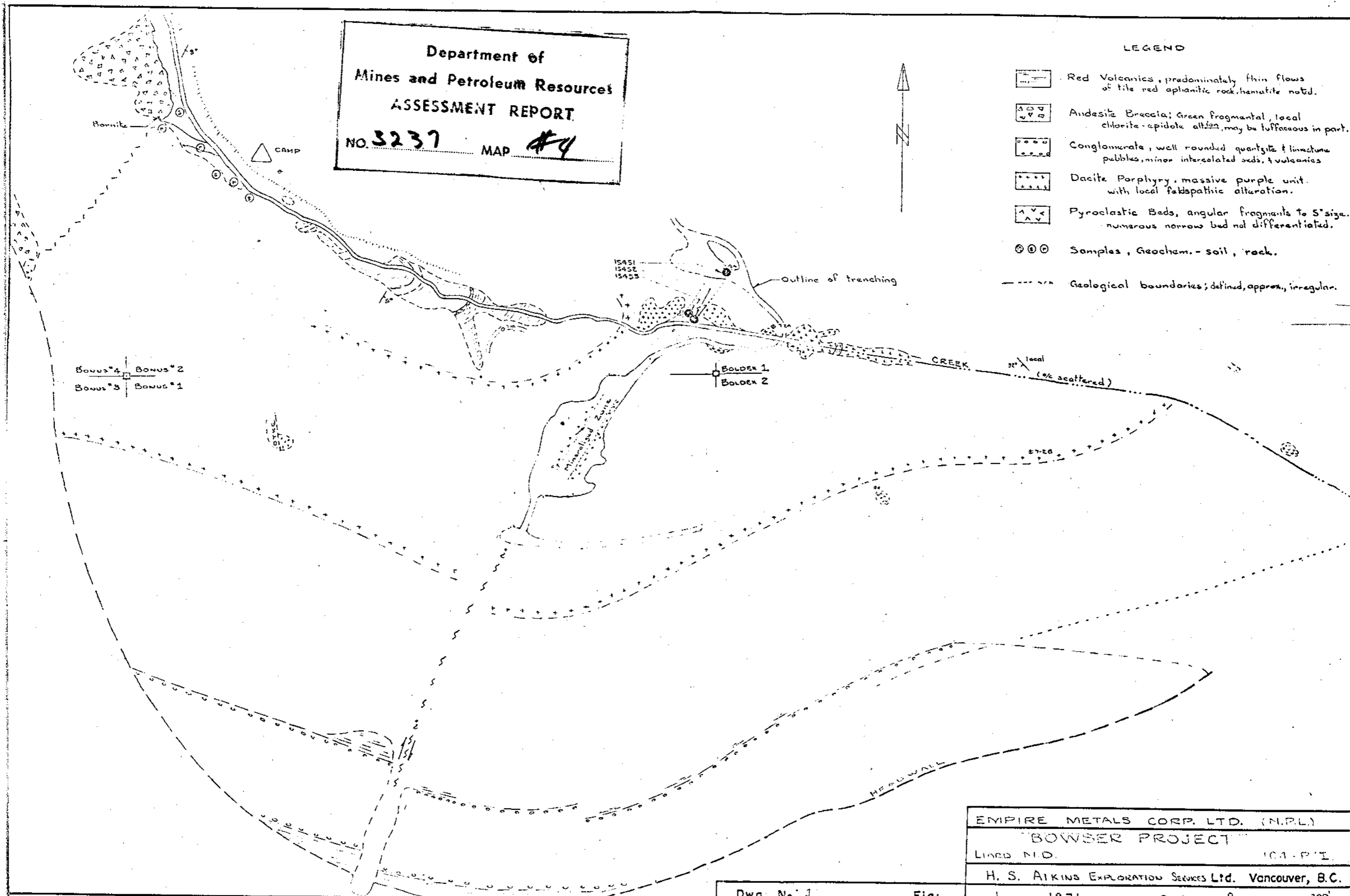
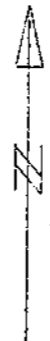
EMPIRE METALS CORPORATION LTD (INCL)	
BOWSER PROJECT - CLAIMS	
LIARD M.D.	
H.S. ATKINS Expl. Services : Ltd. Vancouver, B.C.	
Dwg. No.	Fig.
JULY 1971	Scale: 0 400'

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 3237 MAP #4

LEGEND

-  Red Volcanics, predominately thin flows of tile red aphanitic rock, hematite noted.
-  Andesite Braacia; Green fragmental, local chlorite-epidote alt., may be tuffaceous in part.
-  Conglomerate, well rounded quartzite & limestone pebbles, minor intercalated beds, & volcanics
-  Dacite Porphyry, massive purple unit with local feldspathic alteration.
-  Pyroclastic Beds, angular fragments to 5" size, numerous narrow bed not differentiated.
-  Samples, Geochem. - soil, rock.
-  Geological boundaries; defined, approx, irregular.



Bonus*4 Bonus*2
Bonus*3 Bonus*1

Dwg. No: 1

Fig:

EMPIRE METALS CORP. LTD. (N.P.L.)	
"BOWSER PROJECT"	
Line: N.D.	10:1 P.T.
H. S. AIKINS EXPLORATION SERVICES LTD. Vancouver, B.C.	
July 1971	Scale: 0 200'

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 3237 MAP #5



BOLDEX 1

BOLDEX 2

RIDE 5

D.D.H. #4

MINERALIZED ZONE

DIAMOND DRILL SITE

BONUS 1

RIDE 3

CAMP Δ
 Δ

BONUS 2

RIDE 4

RIDE 6

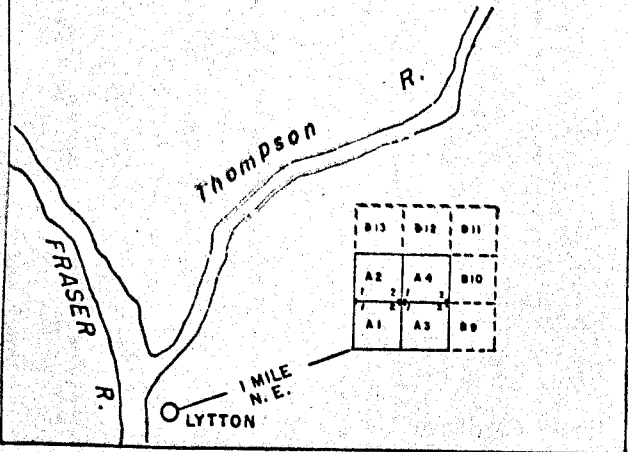
BONUS 4

BONUS 3

"FIELD COPY"

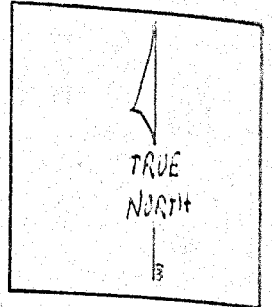
BOWSER RESOURCES LTD. (N.P.L.)
- CLAIMS -
JULY 10, 1971 1 in. = 400 FT.
H.S. AIKINS EXPL. SERVICES LTD.

EXAMPLE of
type of sketch
required



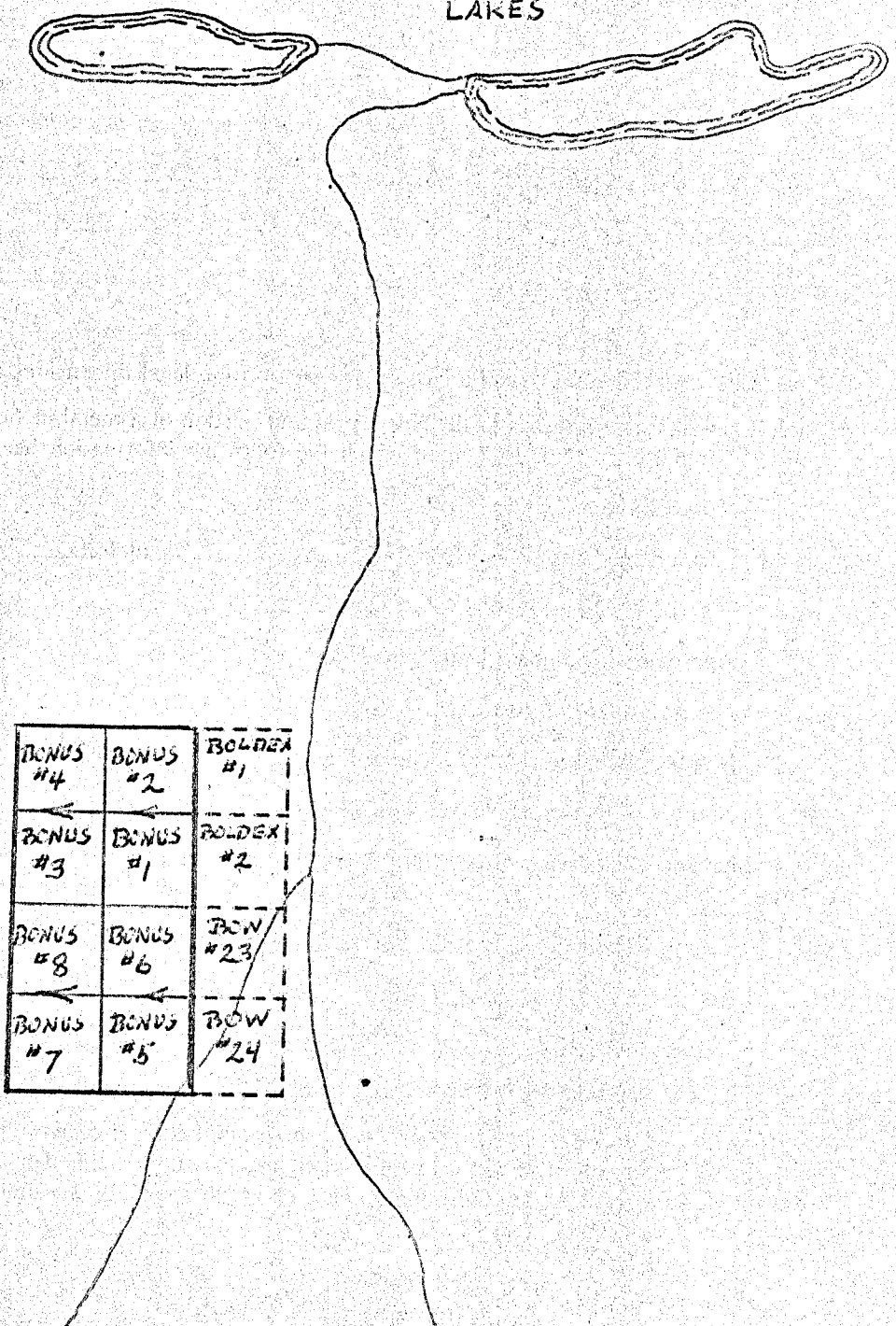
Claims must be tied by direction and distance to at least one, preferably more than one, topographical feature, or to a land lot, section, township, or other recognizable point on printed maps of the district. Relationship of previously located claims should also be shown.

N.B. — The sketch for a group of claims may be placed on one affidavit.



INDICATE NORTH
(True or Magnetic)

"KENNEDY"
LAKES

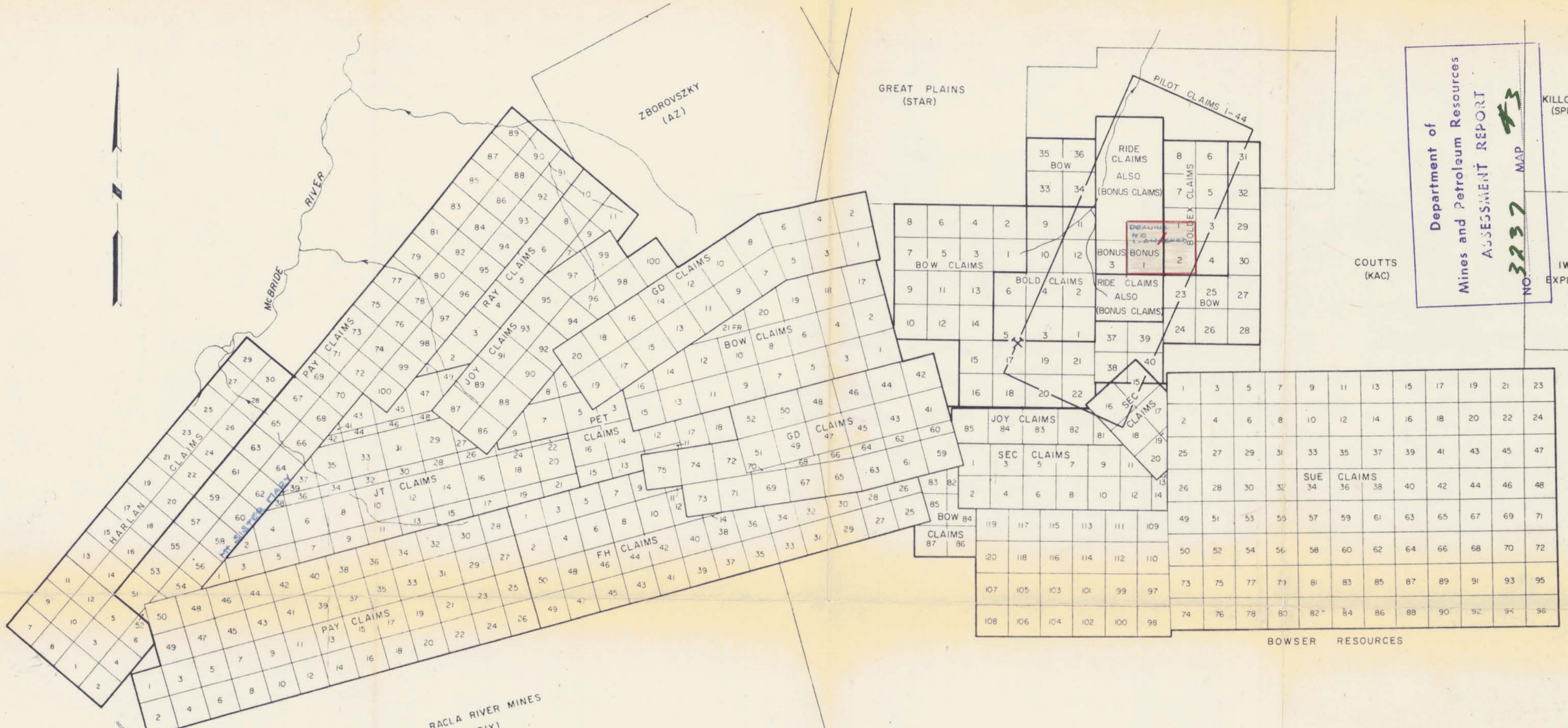


BONUS #4	BONUS #2	BOLDEX #1
BONUS #3	BONUS #1	BOLDEX #2
BONUS #8	BONUS #6	BOW #23
BONUS #7	BONUS #5	BOW #24

3237

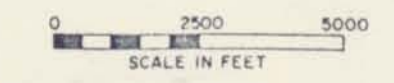
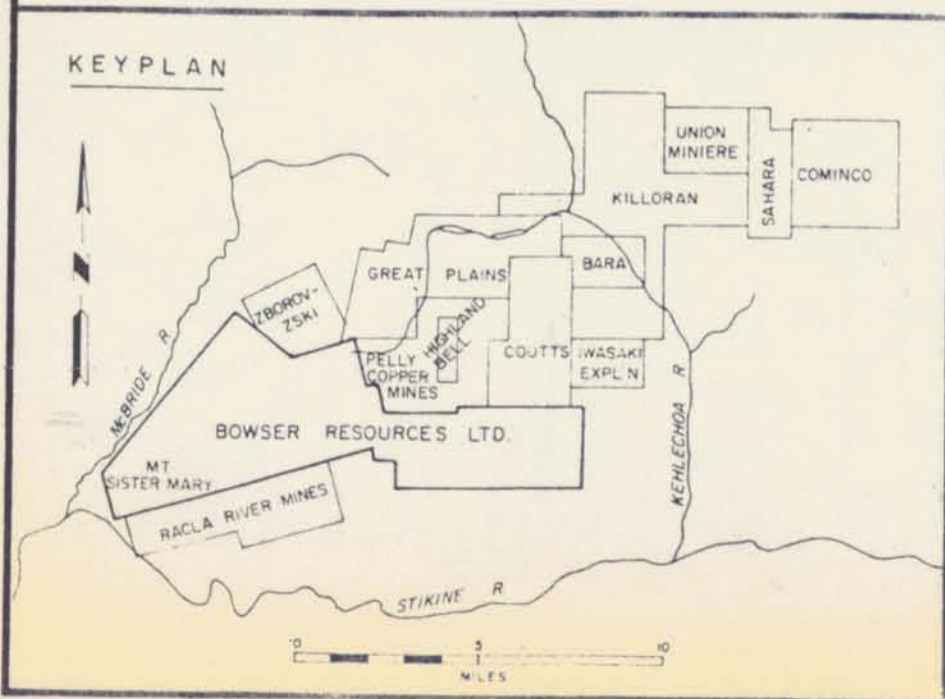
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3237 MAP #3

KILLORAN (SPIKE)
IWASAKI EXPLORATIONS (MAC)



3237
M-3

CLAIM	RECORD No.	EXPIRY	TOTAL
GD 1-20, 41-52, 59-75	33145-64, 33185-96, 33203-19	OCT 8 / 71	49
PAY 1-100	33409-508	OCT 28 / 71	100
FH 1-12, 14, 25-50	33370-408	NOV 4 / 71	39
JT 1-50	33961-010	NOV 4 / 71	50
SUE 1-120	34753-800, 34332-391, 34801-12	NOV 15 / 71	120
SEC 1-20	33930-49	NOV 17 / 71	20
PET 1-18	37241-58	APR 24 / 72	18
JOY 81-100	39469-73, 39769-83	AUG 25, SEP 2 / 71	20
BOW 1-21	39918-38	SEP 19 / 72	21
RAY 1-11	39907-17	SEP 19 / 72	11
(BOW 82-87)	EXPIRED		
BOW 1-40	48986 - 49025	SEP 20 / 71	40
BOLD 1-4	48555 - 58	SEP 7 / 71	4
BOLD 5-6	48984 - 85	SEP 20 / 71	2
BOLD 9-12	48559 - 62	SEP 7 / 71	4
BOLDEX 1-8	48563 - 70	SEP 7 / 71	8
RIDE 1-12	36439 - 50 B/S TO LEITCH MINES LTD.	MAY 8 / 75	12
PILOT 1-44	54945 - 60, 149849-76	FEB / 71	44
HARLAN 1-30		JULY 2 / 72	30
BONUS 1-8		JULY 2 / 72	8



MAP CONTROL BY PHOTO MOSAIC, SCALE LOCALLY DISTORTED
CLAIMS POSITIONED BY SPOT PICK-UP ON AERIAL PHOTOS
AND BY CHAIN AND COMPASS

BOWSER RESOURCES LTD.

McBRIDE RIVER
PROPERTY-
DEASE LAKE AREA

CLAIM MAP

REPORT
SIGNED

GIFFORD ENGINEERING LTD.

M.D. LIARD N.T.S. 104 1-3/14 SCALE DRAWN R 68 OCT 69