

LOG NO:	NOV 27 1992	RD.
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FILE NO:		

*PROSPECTING*  
**ASSESSMENT REPORT**

FOR

**GOLD BAR CLAIMS**

ON

**NORTH MOYIE CREEK**

Lat. 49° 23'N Long. 116° 10'W  
NTS82F/8

Owned by Gordon Johnstone  
1202 - 2st. North  
Cranbrook, B.C. VIC 2B3  
Ph. 604-426-2805.

Prepared by  
N. Gass

**GASS AND ASSOCIATES EXPLORATION**  
2604 Exshaw Rd. N.W.  
Calgary Alberta T2M 4E5.

September, 1992.

**RECEIVED**  
SEP 10 1992  
**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**  
CRANBROOK, B.C.  
GOVERNMENT AGENT

**22,493**

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TYPE OF REPORT(SURVEY) IS:	TOTAL COST:
Prospecting / Geochemical	

AUTHOR(S): NICK GASS SIGNATURE(S): *N. Gass*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED: YEAR OF WORK:

PROPERTY NAME(S): Gold Bar #1-6 in the ZINC/EAGLE GROUP

COMMODITIES PRESENT: Gold, lead, zinc, silver

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN:

Mining Division: Fort Steel NTS: 82 F8

LATITUDE: 49° 23' N LONGITUDE: 116° 10' W

NAMES and NUMBERS of all mineral tenures in good standing (after work was done) that cover the site: (12 units), PHOENIX (Lot 1706), Mineral Lease M 124, Mining of District Mining Lease M 12 to the north

Gold Bar #1-6

OWNER(S):  
(1) Gordon Johnstone (2) Frank Fairclough

(3) NICK GASS

MAILING ADDRESS

1200 - 2nd Ave S. Cranbrook B.C. V1C 2B3 402 Briar Ave. Cranbrook B.C. V1C 4B5

2604 EXSHAW Rd. N.W. Calgary Alta. T2M 4E5

OPERATOR(S): (that is, Company paying for the work)

(1) Gordon Johnstone (2) Frank Fairclough

(3) Nick Gass

MAILING ADDRESS

As Above

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude): The 6 Gold Bar claims are oriented N-S. They are underlain by Proterozoic Middle Creston quartzites & siltites which have been folded & faulted by the Richmond L. fault immediately west of the property. A silicified "Cap" is evident on the cliff above Shrimp L. Pyritized zones carry some base metal & traces of gold. Small Carbonatite dykes related to more massive occurrences to the south appear barren. Small quartz veins carry some Pb, Zn, Cu, Au.

REFERENCES TO PREVIOUS WORK: A small placer operation was attempted on the N. Moyie Cr. on Gold Bar #1 perhaps 10 yrs. ago. In the 1950's a large Carbonatite dyke was drilled just S. of Shrimp L. with sub economic returns of Lead & zinc.

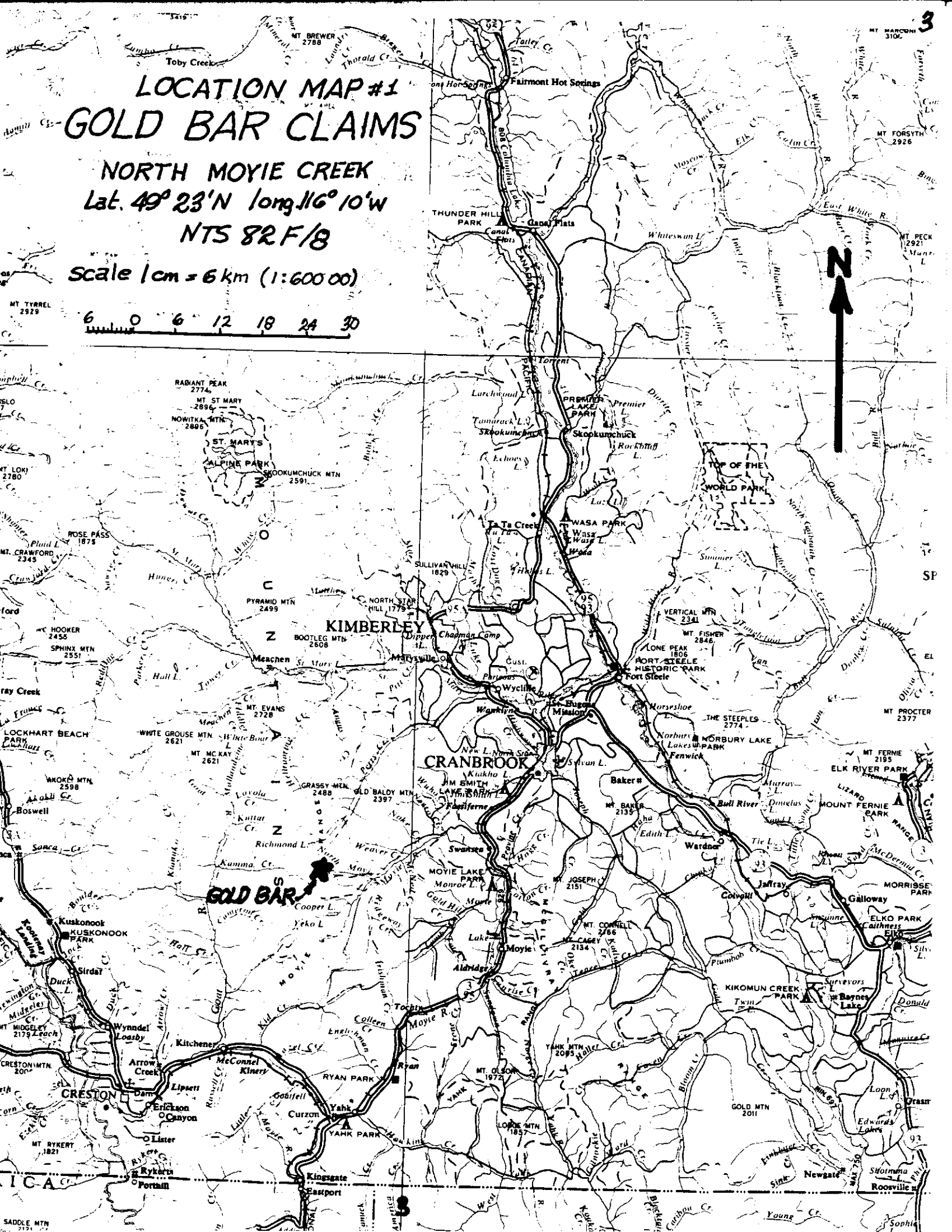
TYPE OF WORK IN THIS UNIT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST	
			AT	TIONED
<b>GEOLOGICAL (scale, area)</b>				
Ground	.....	.....	.....	.....
Photo	.....	.....	.....	.....
<b>GEOPHYSICAL (line-kilometres)</b>				
<b>Ground</b>				
Magnetic	.....	.....	.....	.....
Electromagnetic	.....	.....	.....	.....
Induced Polarization	.....	.....	.....	.....
Radiometric	.....	.....	.....	.....
Seismic	.....	.....	.....	.....
Other	.....	.....	.....	.....
<b>Airborne</b>				
<b>GEOCHEMICAL (number of samples analysed for ....)</b>				
Soil	32	Gold Bar #3, 4, 5, 6	\$650	
Silt				
Rock	8	Gold Bar #6	\$450	
Other				
<b>DRILLING (total metres; number of holes, size)</b>				
Core	.....	.....	.....	.....
Non-core	.....	.....	.....	.....
<b>RELATED TECHNICAL</b>				
Sampling/assaying	.....	.....	.....	.....
Petrographic	.....	.....	.....	.....
Mineralogic	.....	.....	.....	.....
Metallurgic	.....	.....	.....	.....
<b>PROSPECTING (scale, area)</b>	1:2500 1km <sup>2</sup>		\$1550	
<b>PREPARATORY/PHYSICAL</b>				
Legal surveys (scale, area)	.....	.....	.....	.....
Topographic (scale, area)	.....	.....	.....	.....
Photogrammetric (scale, area)	.....	.....	.....	.....
Line/grid (kilometres)	.....	.....	.....	.....
Road, local access (kilometres)	Clear deadfall 2km.	Access Rd. South & East	\$380	
Trench (metres)	.....	.....	.....	.....
Underground (metres)	.....	.....	.....	.....
			<b>TOTAL COST</b>	\$3030

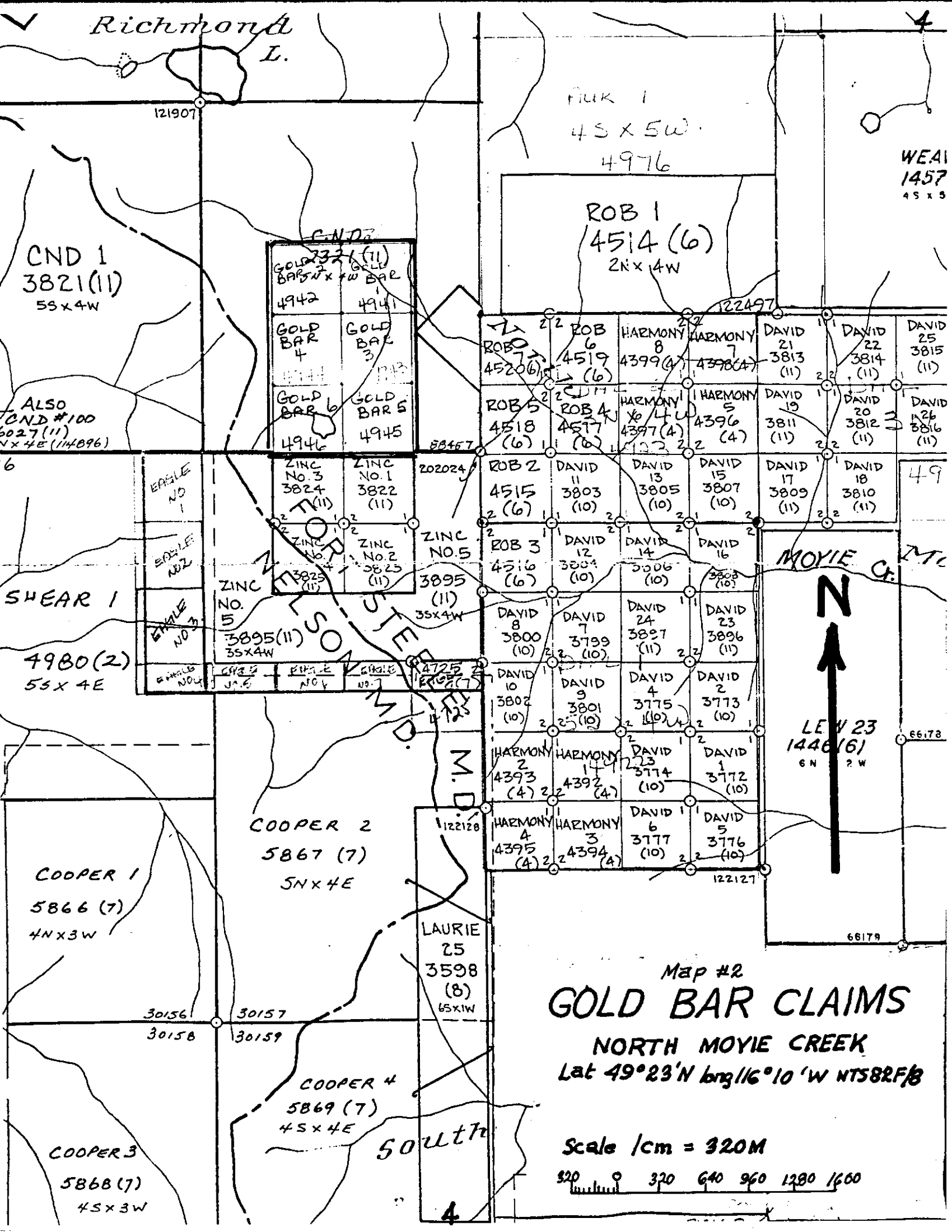
FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report) .....				
Value of work approved .....				
Value claimed (from statement) .....				
Value credited to PAC account .....				
Value debited to PAC account .....				
Accepted .....	Rept. No. ....			Information Class .....

# LOCATION MAP #1 GOLD BAR CLAIMS

NORTH MOYIE CREEK  
Lat. 49° 23' N long. 116° 10' W  
NTS 82 F/8

Scale 1 cm = 6 km (1:600 000)





Richmond L.

121907

FILE 1  
45 X 5W  
4976

WEA1  
1457  
45 X 5

CND 1  
3821(11)  
55 X 4W

CND 2  
GOLD BAR 2 (11)  
4942  
GOLD BAR 4  
4944  
GOLD BAR 6  
4946  
GOLD BAR 3  
4941  
GOLD BAR 5  
4945

ROB 1  
4514 (6)  
2N X 4W

ALSO  
CND #100  
5027(11)  
45 X 4E (114896)

ROB 6 4520(6)	ROB 5 4518 (6)	ROB 4 4517 (6)	HARMONY 8 4399(4)	HARMONY 7 4398(4)	DAVID 21 3813 (11)	DAVID 22 3814 (11)	DAVID 25 3815 (11)
ROB 2 4515 (6)	DAVID 11 3803 (10)	DAVID 13 3805 (10)	DAVID 15 3807 (10)	DAVID 17 3809 (11)	DAVID 19 3811 (11)	DAVID 20 3812 (11)	DAVID 24 3816 (11)

EASLE NO. 1  
EASLE NO. 2  
EASLE NO. 3  
EASLE NO. 4

ZINC NO. 3  
3824 (11)  
ZINC NO. 1  
3822 (11)  
ZINC NO. 4  
3823 (11)  
ZINC NO. 2  
3825 (11)  
ZINC NO. 5  
3895 (11)  
ZINC NO. 5  
3895(11)  
35X4W

ROB 3 4516 (6)	DAVID 12 3804 (10)	DAVID 14 3806 (10)	DAVID 16 3808 (10)
DAVID 8 3800 (10)	DAVID 7 3799 (10)	DAVID 24 3897 (11)	DAVID 23 3896 (11)
DAVID 10 3802 (10)	DAVID 9 3801 (10)	DAVID 4 3775 (10)	DAVID 2 3773 (10)
HARMONY 2 4393 (4)	HARMONY 14 4392 (4)	DAVID 23 3774 (10)	DAVID 1 3772 (10)
HARMONY 4 4395 (4)	HARMONY 3 4394 (4)	DAVID 6 3777 (10)	DAVID 5 3776 (10)

MOYIE Cr.



LEV 23  
1446(16)  
6N 2W

SHEAR 1  
4980(2)  
55 X 4E

COOPER 1  
5866 (7)  
4N X 3W

COOPER 2  
5867 (7)  
5N X 4E

Laurie  
25  
3598  
(8)  
65 X 1W

COOPER 4  
5869 (7)  
45 X 4E

COOPER 3  
5868 (7)  
45 X 3W

Map #2  
**GOLD BAR CLAIMS**

NORTH MOYIE CREEK  
Lat 49°23'N long 116°10'W NTS82F/B

Scale 1cm = 320M  
320 640 960 1280 1600

South

## INTRODUCTION

During the 1992 field season an attempt was made to evaluate the Gold Bar claims by rock and soil sampling on Gold Bar #'s 3,4,5, and 6.

## LOCATION AND ACCESS

The claims are located on NTS map 82F/8, lat. 49° 23'N, long. 116° 10'W approximately 2km S.S.E. of Richmond Lake.

The block consists of six claims and can be reached by travelling 12km south of Cranbrook on B.C. 3/95 to Lumberton. Turn west at Lumberton and travel west and south along the Moyie River road for 20km to the bridge on North Moyie Cr. From this junction travel west for 6km along North Moyie Cr. on a summer logging road to Gold Bar #'s 5 and 6. Alternately, travel 5km from the bridge to a steep, four wheel drive road on the south side of the Moyie Cr. Rd. and travel 2km south and west. From the end of the road it is a short 200m hike to the north where the cliff edge is the approximate south boundary of the Gold Bar claims.

## HISTORY

About 200M south of Gold Bar # 6 a carbonitite dyke was drilled by a syndicate from Kimberley in the 1950's. The best reported assays were 1.4oz/t Ag, 4.58%Pb, 1.09% Zn, .34% WO<sub>3</sub>. Two drill holes in 1990 and 1992 intersected a second carbonitite carrying up to 1 000ppb Au. In the mid 80's a small placer operation was carried out for two years on North Moyie Cr. in Gold Bar #1.

## 1992 WORK COMMITMENT

As follows:

- Two men one day cutting wind fall off road
- Three men two days prospecting and taking samples
- Two men three days prospecting and taking samples
- 32 soil samples in total - 9@ 1780 metres,
  - 14@ 1820 metres,
  - 9@ 1855 metres.
- 8 rock samples were taken.

## EXPENSES

-12 man days @ \$200/day-----	\$2 400.
-2 man days @ \$15/hr x 10hrs.----	300.
-4x4 truck 6days/\$30.-----	300.
power saw 1 day @\$30. -----	30.

TOTAL	3 030.
-------	--------



**Mineral Tenure Act**  
 Sections 25, 26 & 27

STATEMENT OF WORK — CASH PAYMENT

Indicate type of title MINERAL  
(Mineral or Placer)

Mining Division FORT STEEL

I, NICHOLAS GASS  
(Name)  
2604 EXSHAW RD. N.W.  
(Address)  
Calgary Alta.

Agent for GORDON JOHNSTONE  
(Name)(s)  
1202-2<sup>nd</sup> ST. N.  
(Address)  
CRANBROOK B.C.

403-282-6179  
(Telephone) T2M4E5  
(Postal Code)

426-2805  
(Telephone) VIC 3L4  
(Postal Code)

Valid subsisting FMC No. \_\_\_\_\_

Valid subsisting FMC No. 113279

FMC Code \_\_\_\_\_

FMC Code \_\_\_\_\_

STATE THAT: (NOTE: If only paying cash in lieu, turn to reverse and complete columns G to J and Q to T.)

1. I have done, or caused to be done, work on the GOLD BAR # 1-6

Claim(s)

Record No(s). 304352, 304353, 304354, 304355, 304356, 304357

Work was done from June 1, 1992, to August 10, 1992

and was done in compliance with Section 50 of the Mineral Tenure Act and

Section 19(3) of the Regulation YES  NO

I hereby request that the claims listed in Column G on this Statement of Work be Grouped and I confirm that

all claims listed are contiguous YES  NO

FEE — \$10.00 should be already recorded & paid for

TYPE OF WORK

PHYSICAL: Work such as trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails. Details as required under section 13 of the Regulations, including the map and cost statement, must be given on this statement.

PROSPECTING: Details as required under section 9 of the Regulations must be submitted in a technical report. Prospecting work can only be claimed once by the same owner of the ground, and only during the first three years of ownership.

GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, DRILLING: Details must be submitted in a technical report conforming to sections 5 through 8 (as appropriate) of the Regulations.

PORTABLE ASSESSMENT CREDIT (PAC) WITHDRAWAL: A maximum of 30% of the approved value of geological, geophysical, geochemical and/or drilling work on this statement may be withdrawn from the owner's or operator's PAC account and added to the work value on this statement.

TYPE OF WORK (Specify Physical (include details), Prospecting, Geological, etc.)	VALUE OF WORK			TOTAL
	Physical	*Prospecting	*Geological etc.	
<u>Clearing access road</u>	<u>380</u>			
<u>Prospecting</u>		<u>1550</u>		
<u>Soil &amp; rock sampling</u>			<u>1100</u>	
TOTALS	A <u>380</u>	+ B <u>1550</u>	+ C <u>1100</u>	= D <u>3030</u>
PAC WITHDRAWAL — Maximum 30% of Value in Box C Only	E			→ E
from account(s) of _____	TOTAL			F <u>3030</u>
* Who was the operator (provided the financing)? Name <u>GORDON JOHNSTONE</u> Address <u>1202-2<sup>nd</sup> ST. N.</u> <u>CRANBROOK</u> Phone: <u>426-2805</u>	Transfer amount in Box F to reverse side of form and complete as required.			



## Geological Prospecting Traverses

Traverse # 1 was north east along the centre ridge, down the notch in the cliff face, along the base of the cliff south and west of Shrimp Lake and along the edge of the outcrops east of the inlet stream.

The rock is light green to medium grey Middle Creston fine grained quartzite and siltstone in beds from 5cm up to 2m thick. On top of the ridge the creston is too silicified to obtain any accurate attitude. Down the notch the beds strike  $035^{\circ}$  and dip  $85^{\circ}$ NW. Six samples were taken from a variety of small quartz veins which carried considerable pyrite altered to haematite. The best assay was from sample 825 which gave 655ppb Au. Several small (5cm) rusty weathering carbonitite dykes intrude sub parallel to bedding. Just west of the lake the west limb of an anticlinal, plunging  $20^{\circ}$ NE, is interrupted by a fault striking  $037^{\circ}$ E. West of this fault the Creston strikes  $040^{\circ}$  and dips  $35^{\circ}$ NW. West of this structure a smaller anticline strikes  $038^{\circ}$  and plunges  $26^{\circ}$ NE on average. The quartzites on the west flank of this fold strike  $046^{\circ}$  and dip  $76^{\circ}$ NW. Further south a distinct foliation strikes  $023^{\circ}$  and dips  $74^{\circ}$ SE.

Traverse # 2 was across the east slope of the centre ridge around the west end of Shrimp Lake and up the west side of the inlet stream. Again the surface exposure of Creston along the side of the ridge was too silicified to obtain an attitude. Around the end of the cliff the quartzite beds strike  $040^{\circ}$  and dip  $75^{\circ}$ NW. No further outcrop was encountered until the east flank of the west ridge was reached. Here the beds are interbedded purple and green quartzite typical of the upper middle Creston. Beds strike  $037^{\circ}$  dip  $60^{\circ}$ NW. Foliation strikes  $025^{\circ}$  dip  $71^{\circ}$ SE. A very hard, solid 1.5M bull quartz vein strikes north. dips  $65^{\circ}$ E and carries considerable haematized pyrite. A second vein of bull quartz appears to strike north but the attitude was really indeterminate.

Traverse # 3 was down Nancies Creek around the east end of Shrimp Lake, down Shrimp Lake Creek west to the east facing slope of the west ridge, and south along the Richmond Lake fault. A strong foliation in the initial outcrops struck  $026^{\circ}$  dipping  $75^{\circ}$ SE. The stream was panned in four spots. No trace of gold was recovered. An outcrop in the stream NE of Shrimp Lake revealed thinly bedded Creston siltite striking  $035^{\circ}$  dipping  $80^{\circ}$ NW. No outcrop was encountered through the mature timber north of the lake until the steep slope of the west ridge was encountered. The Rock is easily identified as Creston but is so disturbed it was impossible to obtain an attitude. A number of small (5cm) quartz veins carry secondary feldspar. The fault itself is visible on the cliff face but appears very tightly sealed.

Traverse # 4 was along the scree slope below the East Ridge, essentially looking for mineralized float. A fair amount of small

quartz veining was observed and several large (1M+) quartz boulders were encountered but nothing of any significance. Strike and dip of the Creston near the southern limit of the claims was 043° at 75°NW.

Traverse # 5 was along the East Ridge. The rock here is mostly pale green quartzite of the middle middle Creston. Strike is 038° dip 72°NW. There are a considerable number of small (2-10cm) barren quartz veins and two large 1.5M bull quartz veins. Again, one is seen to strike approximately north the other roughly east-west.

Traverse # 6 was undertaken along the west ridge to assess the advisability of staking more land to the west. The Creston strikes 045° and dips 72°NW. Foliation is at 030° dipping 80°SE. A contact between Creston and Kitchener was encountered some 300M to the west. Nothing of any significance was encountered so no further staking was undertaken.

Soil Sample Traverses were undertaken separately. They essentially lie along Traverse # 3. At the 1855M elevation samples 0,25,50,62,75,100, 125,150, and 175 were taken. At the 1820M elevation samples were taken every 25M from 0 to 350. Similarly at the 1780M level samples were taken every 25M from 0 to 200M.

The location of all samples are plotted on Map # 3 in the pocket of the report. The assays are included as Appendix A.

#### SUMMARY AND CONCLUSION

The large carbonitite dykes of the zinc claims to the south appear to pinch out by the time they reach the cliff above Shrimp Lake. In any event, the very small dykes present do not appear to be mineralized.

The most significant gold assay was from a small quartz vein on the cliff face. Sample 825 carried 655ppb Au. Sample 822 carried 20 ppb Au. In addition soil samples 1780-150 and 175 and 1855-62 carried 10ppb, 63ppb and 22ppb Au respectively.

Small amounts of base metals were encountered in several samples. Rock sample 83573 on Shrimp Lake Creek carried 120ppm Pb and 83574 near the SE corner of Shrimp Lake carried 165ppm Pb and 253ppm Zn. Sample 826 near the SW corner of Shrimp Lake carried 130ppm Pb and 103 ppm Zn. Only one soil sample showed significant base metal: # 1855-62 carried 133ppm Zn.

Large bull quartz veins across the area appear to be devoid of mineralization. The smaller veins exposed on the cliff face above Shrimp Lake that do carry small amounts of mineralization are believed to be the pinch out ends of more deep seated veining connected to the folding and faulting east of the Richmond Lake fault. Since the source of these veins as well as the carbonitite dyke is in all probability a large magnetic anomaly 2.3km to the south east, values might be expected to improve in these directions.

The Gold Bar Claims will be grouped with the zinc claims to the south and east and further soil and rock sampling as well as a geomagnetic survey will be carried out. If the Winkey drill can be fixed then one or more diamond drill holes will be attempted.



GEOCHEMICAL ANALYSIS CERTIFICATE

Kokanee Explorations Ltd. PROJECT KOO File # 92-1791

104-135 - 10th Ave S. Cranbrook BC V1C 2M1 Submitted by D.L. PUGH

JUL-10-1992 13:47 FROM ACME ANALYTICAL

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	Y	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
00820-Zinc 1	1 6701	5	37	1.4	6	3	647	3.17	2	5	ND	7	31	2	2	19	10	2.26	.031	2	14	2.37	13	.01	2	1.16	.03	.02	9	3	
RE 00822 GR 1	4 7	12	8	1	10	61	177	1.16	100	5	ND	2	12	2	2	2	1	.47	.004	11	40	.26	16	.01	3	.14	.01	.08	1	20	
00821-Zinc 2	3 41	2	1	1	11	1	58	.36	2	5	ND	1	1	2	2	2	1	.02	.002	2	13	.05	1	.01	2	.04	.01	.01	2	1	
00822 GR 1	4 8	13	8	1	10	59	206	1.13	85	5	ND	2	11	2	2	2	1	.45	.004	10	39	.25	15	.01	2	.14	.01	.08	1	16	
00823 GR 2	1 691	2	13	1	5	4	94	.98	2	5	ND	5	13	2	2	2	3	.39	.145	3	9	.39	26	.01	2	.46	.01	.03	2	3	
00824 GR 3	2 11	2	5	1	9	14	106	.81	2	5	ND	4	6	2	2	2	2	.28	.007	2	12	.36	21	.01	2	.38	.02	.07	1	1	
00825 GR 1	4 7	2	12	1	11	8	106	.96	3	5	ND	4	8	2	2	2	1	.12	.006	6	41	.07	9	.01	2	.12	.05	.02	1	655	
00826 GR 1	1 12	14	17	4	20	181	124	2.77	4	5	ND	3	4	2	2	2	1	.07	.005	7	12	.05	8	.01	4	.16	.03	.02	1	6	
00827 GR 1	1 14	130	103	7	31	336	267	5.41	10	5	ND	1	28	1.1	2	4	1	1.81	.002	3	20	1.09	13	.01	2	.09	.02	.02	2	6	
STANDARD C/AU-R	18 57	43	131	7.5	70	31	1054	4.01	41	18	7	38	54	18.5	15	21	58	.48	.091	37	58	.89	180	.09	34	1.90	.07	.15	11	543	

00820-Zinc 1  
RE 00822 GR 1  
00821-Zinc 2  
00822 GR 1  
00823 GR 2  
00824 GR 3  
00825 GR 1  
00826 GR 1  
00827 GR 1  
STANDARD C/AU-R

Gold Bar

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB. - SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 7 1992 DATE REPORT MAILED: July 10/92 SIGNED BY: C. King D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Appendix A

TO KOKANEE EXPL

P.002/002



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	U ppm	Au <sup>+</sup> ppb
1780-0	1	12	12	72	1	12	7	277	3.19	5	5	ND	5	9	1.9	2	2	22	.08	.13	15	12	.66	47	.07	3	2.46	.02	.04	2	4
1780-25	1	10	16	50	1	12	17	860	2.85	5	5	ND	3	7	1.4	2	2	19	.12	.051	19	10	.57	53	.06	2	1.54	.01	.05	2	1
1780-50	1	18	15	56	2	8	7	397	4.58	5	5	ND	7	6	1.4	3	3	39	.03	.061	8	11	.12	56	.19	3	3.70	.02	.04	1	3
1780-75	1	12	18	41	1	7	4	110	3.94	5	7	ND	8	5	1.8	2	2	29	.02	.033	11	10	.15	46	.14	4	3.98	.02	.03	1	2
1780-100	1	16	25	53	2	7	3	215	3.41	4	5	ND	1	10	1.3	2	2	35	.15	.043	8	8	.10	66	.20	4	1.75	.02	.04	1	1
1780-125	1	8	8	43	1	6	5	427	2.07	4	5	ND	3	4	.7	2	2	20	.02	.026	17	9	.20	46	.08	3	2.44	.01	.03	2	4
1780-150	1	6	8	36	1	7	4	68	2.65	5	5	ND	4	3	1.3	2	2	29	.02	.020	28	9	.40	39	.08	2	1.06	.01	.04	1	10
1780-175	1	8	18	44	1	8	4	111	2.89	4	5	ND	4	7	.9	2	2	25	.05	.023	22	9	.56	71	.08	3	1.49	.01	.05	1	63
1780-200	1	6	12	35	1	7	5	114	2.59	2	5	ND	5	4	.9	2	2	19	.01	.031	26	8	.43	36	.05	3	1.22	.01	.04	1	4
1820-0	1	10	13	54	1	9	6	321	2.27	2	5	ND	2	7	.9	2	2	21	.17	.025	17	10	.66	60	.08	3	2.24	.01	.05	1	4
1820-50	1	2	7	38	1	9	5	69	2.09	2	5	ND	6	2	.6	2	2	13	.01	.017	25	10	.72	45	.02	2	1.87	.01	.04	1	2
1820-75	1	4	4	34	1	9	5	102	2.23	2	5	ND	5	3	.4	2	2	12	.02	.026	26	6	.61	25	.02	2	1.44	.01	.03	1	6
1820-100	1	13	14	49	1	6	3	94	3.33	3	5	ND	5	10	.9	2	2	32	.10	.026	8	16	.10	39	.13	3	3.55	.03	.04	1	2
1820-125	1	14	15	40	1	6	3	222	3.31	5	5	ND	3	5	1.2	2	2	29	.03	.029	12	7	.13	42	.17	3	1.53	.02	.04	1	1
1820-150	1	7	9	36	1	8	4	157	2.94	2	5	ND	4	3	1.3	2	2	23	.01	.022	25	8	.46	41	.08	2	1.26	.01	.05	1	2
1820-175	1	8	9	48	1	9	5	181	2.76	2	5	ND	4	5	.8	2	2	22	.04	.029	23	8	.44	64	.08	2	1.51	.01	.05	1	1
1820-200	1	11	12	36	1	6	3	144	2.37	5	5	ND	3	4	.6	2	2	23	.02	.031	16	12	.15	37	.09	2	2.47	.02	.03	2	2
1820-225	1	11	12	57	1	9	7	270	2.39	3	5	ND	1	6	.7	2	2	20	.04	.052	19	13	.40	48	.06	4	2.40	.02	.06	1	2
1820-250	1	8	9	36	1	7	4	95	2.47	2	5	ND	3	4	.5	3	2	18	.02	.034	19	10	.38	46	.07	4	1.94	.01	.03	2	2
1820-275	1	6	9	41	1	13	9	251	2.33	2	6	ND	1	10	.3	2	2	16	.10	.042	20	11	1.15	239	.03	2	2.27	.01	.07	1	3
1820-300	1	8	12	42	1	7	4	102	2.62	4	5	ND	3	6	.8	2	2	23	.03	.031	26	9	.58	42	.07	4	1.50	.01	.04	1	2
1820-325	1	12	17	52	1	10	5	140	2.90	6	5	ND	2	12	.5	2	2	27	.09	.089	12	10	.52	107	.13	3	1.90	.02	.06	1	1
1820-350	1	4	3	21	1	3	2	30	.68	2	5	ND	4	4	.2	2	2	16	.02	.009	35	4	.07	21	.04	2	.52	.01	.02	1	1
1855-0	1	11	18	38	1	6	4	92	2.44	2	5	ND	5	5	.4	3	2	23	.03	.055	16	9	.36	35	.10	4	3.32	.02	.03	3	3
1855-25	1	12	28	78	1	8	15	289	2.89	7	5	ND	3	14	.4	2	2	27	.19	.065	9	8	.16	104	.11	4	3.18	.03	.04	1	5
RE 1820-350	1	4	4	20	1	3	2	33	.68	2	5	ND	4	4	.3	2	2	16	.02	.011	34	4	.07	22	.04	2	.54	.02	.02	1	1
1855-50	1	16	30	82	1	10	14	408	4.13	4	7	ND	3	7	.8	3	2	32	.05	.073	14	12	.37	57	.09	5	2.82	.02	.04	2	7
1855-62	1	14	32	133	1	15	54	917	3.76	4	13	ND	3	19	.6	2	2	24	.33	.090	14	14	.63	92	.08	5	3.38	.02	.05	4	22
1855-75	1	17	19	66	1	10	16	2235	2.28	4	6	ND	1	11	.5	2	2	26	.09	.064	14	11	.35	103	.08	4	1.73	.02	.06	1	2
1855-100	1	17	13	56	1	8	6	797	3.18	4	5	ND	3	8	.4	2	2	42	.06	.060	12	11	.17	76	.19	2	1.50	.02	.05	1	2
1855-125	1	11	8	51	1	8	5	372	2.46	2	5	ND	1	8	.5	2	2	31	.06	.047	21	10	.39	55	.09	2	1.26	.01	.06	1	7
1855-150	1	10	9	43	1	8	8	502	2.43	2	5	ND	3	5	.4	2	2	24	.03	.037	24	9	.39	46	.09	3	1.73	.01	.04	1	2
1855-175	1	8	11	44	1	8	5	227	3.03	2	5	ND	4	5	.2	2	2	26	.02	.031	26	10	.54	38	.08	3	1.48	.01	.04	1	2
STANDARD C/AU-S	19	60	39	134	7.2	72	31	1033	3.86	43	20	7	39	53	16.9	15	20	59	.48	.091	39	57	.89	179	.09	34	1.91	.07	.15	11	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Appendix A

TOTAL P.003

P.003/003

10 KUKHNEE EXPL

FRUM HOME ANALYTICAL

JUL-07-1992 11:41



GEOCHEMICAL ANALYSIS CERTIFICATE



Kokanee Explorations Ltd. PROJECT KOO File # 92-1744 Page 1

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. PIGGIN

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
St. Joe } 00817	6	899	4836	13542	2.6	27	45	564	33.05	95	12	ND	3	5	14.1	4	9	48	.06	.010	2	7	.04	1	.01	2	.28	.02	.03	1	25
Trench } 00818	2	1606	5097	7122	3.6	61	136	6941	11.13	44	5	ND	1	20	28.4	2	26	186	.33	.025	8	22	.80	79	14	3	2.39	.04	.14	1	9
RE 00819	2	560	2764	683	2.8	11	11	310	4.27	35	5	ND	2	5	1.3	4	7	39	.10	.008	2	7	.12	14	.05	3	.43	.01	.10	2	9
00819	2	560	2754	603	2.5	12	9	291	4.25	31	5	ND	1	5	1.0	2	4	37	.10	.007	2	7	.11	11	.05	2	.42	.01	.10	1	9
D 83572	2	360	30517	476	34.5	8	3	82	1.59	94	5	ND	1	3	5.6	678	14	3	.01	.002	2	9	.01	4	.01	4	.05	.01	.02	1	105
D 83573	1	8	120	19	2	35	62	134	4.41	29	5	ND	3	2	2	4	2	9	.03	.007	3	14	.68	13	.01	2	.65	.02	.04	1	15
D 83574	4	67	165	253	1	16	13	311	2.18	11	5	ND	1	3	8	2	2	12	.04	.005	2	40	.09	9	.01	2	.19	.01	.03	1	5
STANDARD C/AU-R	19	62	37	131	7.6	71	32	1057	3.97	43	21	7	38	52	18.6	15	19	59	.48	.091	39	58	.88	178	.09	35	1.89	.07	.15	10	510

gold bar

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB. - SAMPLE TYPE: P1 ROCK P2 SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 2 1992 DATE REPORT MAILED: July 9/92. SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Appendix A

JUL 20 1992 10:00 AM

## Appendix B

### QUALIFICATIONS

- 14.1 The writer, N. Gass, obtained his B.Sc. in geology from Dalhousie University, Halifax, N.S. in 1955 and his M.Sc. in geology from the same institution in 1957.
- 14.2 Experience
- 1955 Detailed mapping & prospecting American Smelting and Refining Ltd., Newfoundland.
- 1956 Regional mapping and detailed study of Pegmatites of the Winnipeg River, Manitoba Department of Mines.
- 1957-62 Surface and subsurface exploration, mapping, wellsite and special projects in Saskatchewan, Alberta, & British Columbia. Chevron Standard Oil Co. Ltd.
- 1963 Wellsite consultant, Chevron Standard.
- 1964 Developed House Mt. Oil field for Chevron Standard.
- 1971 Uranium and base metal exploration in Saskatchewan for V. Zay Smith and Associates, Calgary.
- 1976 Uranium exploration northern Saskatchewan for Rio Alto Exploration Ltd.
- 1979 Drilling program on fossil placer, Gay's River, N.S., Calgary syndicate.
- 1980 Drilling program Nelson, B.C. for Dekalb Mining.
- 1981 Geological mapping and geophysical survey, La France Creek, B.C., Dekalb Mining.
- 1982 Lithium, tantalium, germanium prospecting and reconnaissance survey, Winnipeg River, Manitoba, Dekalb Mining.
- 1983-92 Base metals, gold/silver prospecting, Cranbrook, B.C.





Province of British Columbia  
Ministry of Energy, Mines and Petroleum Resources  
MINERAL RESOURCES DIVISION — TITLES BRANCH

Appendix C

DOCUMENT NO \_\_\_\_\_  
OFFICE USE ONLY

Mineral Tenure Act  
SECTION 28

NOTICE TO GROUP

**PAID**  
GOVERNMENT AGENT CRANBROOK  
AUG 10 1992  
AMT. \$ 10.00  
TRANS. # 2  
RECORDING STAMP

INDICATE TYPE OF TITLE MINERAL  
(Mineral or Placer)\*

I, FRANK FAIRCLOUGH  
(Name)  
402 BRIAR AVE. N.W.  
(Address)  
CRANBROOK, B.C.  
426-2796 VIC 4B5  
(Telephone) (Postal Code)  
Valid subsisting FMC No. 108031

Agent for JOHNSTONE, GORDON  
(Name) EDGAR  
1202-2ND ST. N.  
(Address)  
CRANBROOK, BC.  
VIC 3L4  
(Telephone) (Postal Code)  
Valid subsisting FMC No. 113279

FMC Code \_\_\_\_\_

FMC Code \_\_\_\_\_

request that the following mineral titles on map number(s) 82F/8E in  
the FORT STEELE Mining Division(s) be grouped under the group name ZINC GR

A copy of the mineral/placer titles reference map  or a legal survey approved by the Surveyor General  is attached.  
(check appropriate box)

Name of Claim	No. of Units	Title Number
<u>GOLD BAR 1</u>	<u>1</u>	<u>304352</u>
<u>GOLD BAR 2</u>	<u>1</u>	<u>304353</u>
<u>GOLD BAR 3</u>	<u>1</u>	<u>304354</u>
<u>GOLD BAR 4</u>	<u>1</u>	<u>304355</u>
<u>GOLD BAR 5</u>	<u>1</u>	<u>304356</u>
<u>GOLD BAR 6</u>	<u>1</u>	<u>304357</u>
<u>ZINC 5</u>	<u>20</u>	<u>211098</u>

Name of Claim	No. of Units	Title Number

Notice to Group approved (Yes/No) \_\_\_\_\_

Total number of units 26

(Signature of Gold Commissioner)

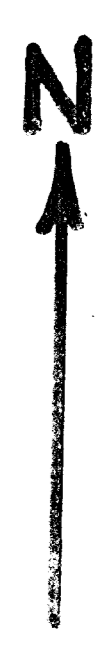
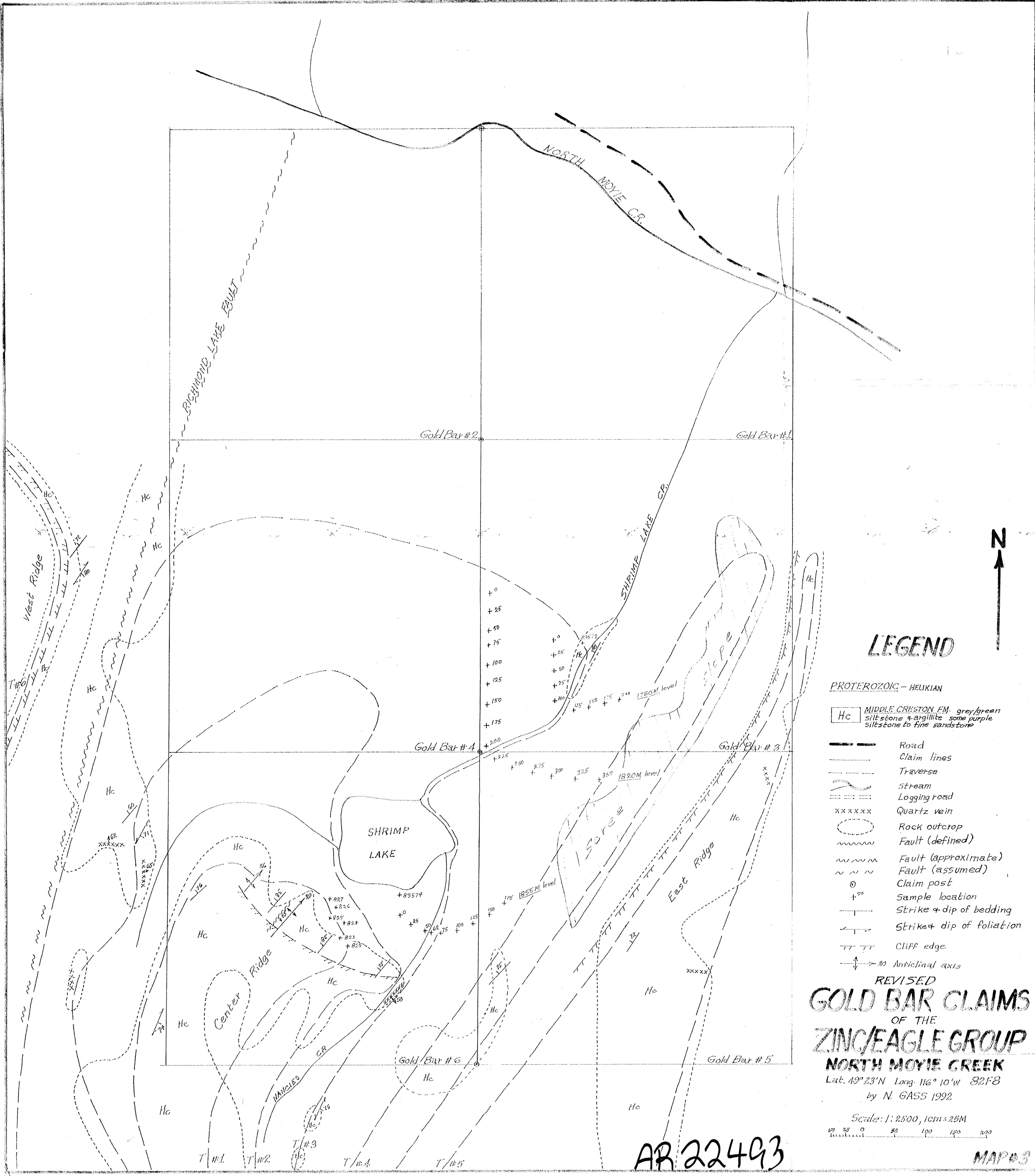
Frank Fairclough  
(Signature of Applicant)

(Date)

\*NOTE: Mineral claim(s) and lease(s) cannot be grouped with placer claim(s) and lease(s)







### LEGEND

- PROTEROZOIC - HELIKIAN**
- Hc MIDDLE CRESTON FM. grey/green siltstone & argillite some purple siltstone to fine sandstone
  - Road
  - Claim lines
  - Traverse
  - Stream
  - Logging road
  - Quartz vein
  - Rock outcrop
  - Fault (defined)
  - Fault (approximate)
  - Fault (assumed)
  - Claim post
  - Sample location
  - Strike & dip of bedding
  - Strike & dip of foliation
  - Cliff edge
  - Anticlinal axis

REVISED  
**GOLD BAR CLAIMS**  
 OF THE  
**ZINC/EAGLE GROUP**  
**NORTH MOYLE CREEK**  
 Lat. 49° 23' N Long. 116° 10' W 82F8  
 by N. GASS 1992

Scale: 1:2500, 1cm = 25M

AR 22493