

80 # 919 # 8491

HAWK CLAIMS

REVELSTOKE MINING DIVISION
NTS 82K 12E/13E

C. GRAF December 1980

<u>WORK PERFORMED ON:</u>	<u>RECORD NO.</u>	<u>DATE RECORDED</u>
HAWK 1	766	October 22, 1979
HAWK 2	767	October 22, 1979
HAWK 3	768	October 22, 1979

Latitude: 50°45'N

Longitude: 117°35'W

Operator:

C. Graf

8491

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REVELSTONE MINING DIVISION
NTS 82K 12E/13E

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SUMMARY

The 1980 programme on the Hawk claims consisted of prospecting, geochemical soil sampling and geological mapping. The work was done to define favorable zones of gold mineralization which extend southwards from the adjoining Sunshine-Lardeau gold mine. The number of soil samples taken was minimal; however, an anomalous zone was located.



**HAWK
PROPERTY
LOCATION**

BRITISH COLUMBIA
Scale 1:7,500,000m.



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INTRODUCTION

In the fall of 1979 the writer carried out limited prospecting in the vicinity of the old Sunshine-Lardeau gold mine and found numerous rusty gossans and pyrite-bearing quartz float boulders in creeks on unstaked ground to the southeast. There was much evidence of old workings such as trails, trenches, pits, adits, tailings, dumps and campsites in the area, and the Hawk claims were staked to cover the favorable zone.

LOCATION AND ACCESS

The Hawk claims lie along the upper portion of the east fork of Mohawk Creek and extend north almost to the junction of Mohawk and Pool Creeks. They are six kilometers southeast of the abandoned town of Camborne which is on the Incomappleux River approximately 9 km. upstream from the head of upper Arrow Lake.

They are accessible by conventional pickup trucks about six kilometers up a mining development road from the town of Camborne. Latitude and longitude are approximately 50°45'N, 117°35'W.; N.T.S. quadrangle is 82K 12E/13E.

HISTORY AND PREVIOUS WORK

The Camborne mining camp was discovered in the late 1890's when prospectors located gold-bearing quartz veins along the lower reaches of Pool Creek. Through the intense prospecting which followed, a zone of gold-bearing quartz veins centered

about at Camborne was shown to extend for over 20 kilometers in a southeast-northwest direction. In all, over 30 properties in the belt have had recorded production, and the most recently worked (Sunshine-Lardeau) produced 180,000 tons of ore. Another significant producer was the Eva, which lies about 2 km. northwest of the Sunshine-Lardeau, and produced over 50,000 tons of ore prior to 1905.

The Eva, Sunshine-Lardeau and over a dozen other properties with reported gold-bearing quartz veins lie along the belt on the northwest side of the Hawk claims. On the southeast side, the Hawk claims adjoin the Beatrice, Silver Dollar and Gilman properties, all which have reported production of gold and silver from quartz veins. The Hawk claims cover a significant portion of the favorable trend, and should also contain gold-bearing quartz veins.

CLAIMS

The claims listed below are shown in Figure 1.

<u>CLAIM NAME</u>	<u>NO. OF UNITS</u>	<u>RECORD NO.</u>	<u>DATE RECORDED</u>
Hawk 1	6	766	October 22, 1979
Hawk 2	6	767	October 22, 1979
Hawk 3	15	768	October 22, 1979

WORK CARRIED OUT BY GRAF IN 1980

Work performed on the Hawk claims in 1980 consisted of prospecting, geochemical soil sampling and geological mapping.

A total of 43 soil samples were taken and analyzed for gold, silver, copper, lead, zinc and molybdenum.

A 1:10,000 Scale Map was compiled showing geology, claims, soil samples, mineralization and old workings.

RESULTS

The prospecting work located several quartz veins and areas of rusty outcrop which require rock and soil sampling to determine gold content.

The soil sampling showed a weakly anomalous zone of gold values to occur on the Hawk 3 claim above the mining road, as well as along the west side of the Hawk 1 claim further south.

Geological mapping showed the claims to be underlain by a sequence of black graphitic schists, chloritic schists and greenstones.

CONCLUSIONS

1. The claims cover a portion of a regional trend of rocks which contain numerous significant gold occurrences.

Geological mapping shows that the sequence of diabase schists and graphitic schists which host the Sunshine-Lardeau gold mine, and numerous other similar occurrences, trends across the Hawk claims.

2. Numerous pyritic quartz veins and rusty gossans were located by prospecting and require follow-up rock and soil sampling work.

3. The soil sampling which was carried out in 1980 showed areas weakly anomalous in gold, to occur both on the Hawk 1 and Hawk 3 claims.
4. A detailed soil sampling program of the entire claim block on a 100 m. x 100 m. grid should be undertaken to properly assess the economic potential of the property in the light of the encouragement reached through the 1980 work. The adits on the adjoining Sunshine-Lardeau mine have been re-opened and an underground diamond drilling program was carried out during the past summer. Some results are as follows:

<u>Hole</u>	<u>Width Feet</u>	<u>% Lead</u>	<u>% Zinc</u>	<u>Oz Silver</u>	<u>Oz Gold</u>
1	18.0	5.02	3.06	6.01	0.20
2	17.5	4.45	4.25	4.56	0.067
3	18.5	3.47	3.27	4.00	0.146
4	23.0	9.52	7.37	10.82	0.124
5	18.0	8.18	7.65	8.39	0.10

APPENDIX I

SOIL SAMPLE RESULTS

GEOCHEMICAL ANALYSIS DATA SHEET

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct. 23,

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

1980.

ATTENTION: Chris Graf

Sample No.	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
	Mo		Cu	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au				
	ppm		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb				
	81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
CG 001				3.3	5.8			1.2						5			
002				3.7	4.2			1.0						15			
003				3.4	3.7			1.4						20			
004				3.6	4.0			1.5						15			
005				4.1	2.4			1.3						20			
006				3.6	6.5			0.9						15			
007				3.0	7.6			0.9						5			
008				2.1	4.4			0.7						15			
009				3.6	9.6			1.3						15			
010				3.1	3.5			1.1						5			
011				3.1	3.6			1.0						15			
012				3.9	4.2			1.4						25			
013				4.8	4.1			1.4						10			
CG 014				4.2	4.8			1.3						20			

Chris Graf

COMPAN

Chris Graf

GEOCHEMICAL ANALYSIS DATA SHEET

No. 0-988

PROJECT No.:

MIN - EN Laboratories Ltd.

DATE: Oct. 23,

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

1980

ATTENTION: Chris Graf

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm			
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
M 001	4	72	34				•					10	2			
002	5	37	41				•					5	<2			
003	2	28	38				•					5	<2			
004	2	25	38				•					5	2			
005	1	13	41				•					20	<2			
006	2	90	35				•					15	<2			
007	3	20.3	33				•					10	<2			
008	2	36	26				•					20	<2			
009	2	8.3	34				•					15	2			
010	2	4.6	31				•					10	2			
011	1	5.8	30				•					25	<2			
012	2	3.3	39				•					10	2			
013	2	1.8	42				•					5	<2			
014	1	1.7	45				•					10	<2			
015	2	1.6	43				•					10	2			
016	1	7.2	30				•					10	<2			
017	2	2.2	5.6				•					15	<2			
018	3	3.3	9.6				•					10	2			
019	2	1.0	4.6				•					20	2			
020	2	3.0	3.8				•					15	<2			
021	2	3.2	4.5				•					15	2			
022	5	8.9	6.0				•					10	3			
023	3	2.0	3.9				•					10	<2			
024	4	10.9	4.3				•					10	3.6			
025	2	5.6	3.1				•					20	2			
026	3	5.5	2.6				•					10	3			
027	2	4.7	3.0				•					10	<2			
M 028	3	4.7	3.2				•					20	2			
M 035	2	4.6	8.0				•					12.5	<2			

CERTIFIED BY

APPENDIX II

COST STATEMENT

COST STATEMENT

HAWK CLAIMS

SEPTEMBER 18-30, 1980

<u>WAGES</u>	12 mandays at \$ 200/manday	\$ 2,400.00
<u>GEOCHEMICAL ANALYSIS</u>		
	Minen Laboratories, 43 soils for Au, Ag, Pb, Zn, Cu, Mo	225.05
<u>FOOD</u>	12 mandays @ \$ 20/manday	240.00
<u>ACCOMMODATION</u>		
	12 days @ \$ 25/day	300.00
<u>GASOLINE</u>		75.00
<u>SUPPLIES</u>		100.00
<u>REPORT PREPARATION</u>		
	2 days @ \$200/day	400.00
<u>TYPING AND PHOTOCOPYING</u>		50.00
<u>T O T A L</u>		<u>\$ 3,790.00</u>

APPENDIX III

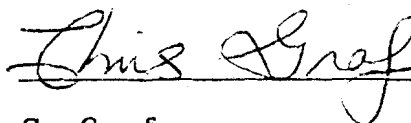
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

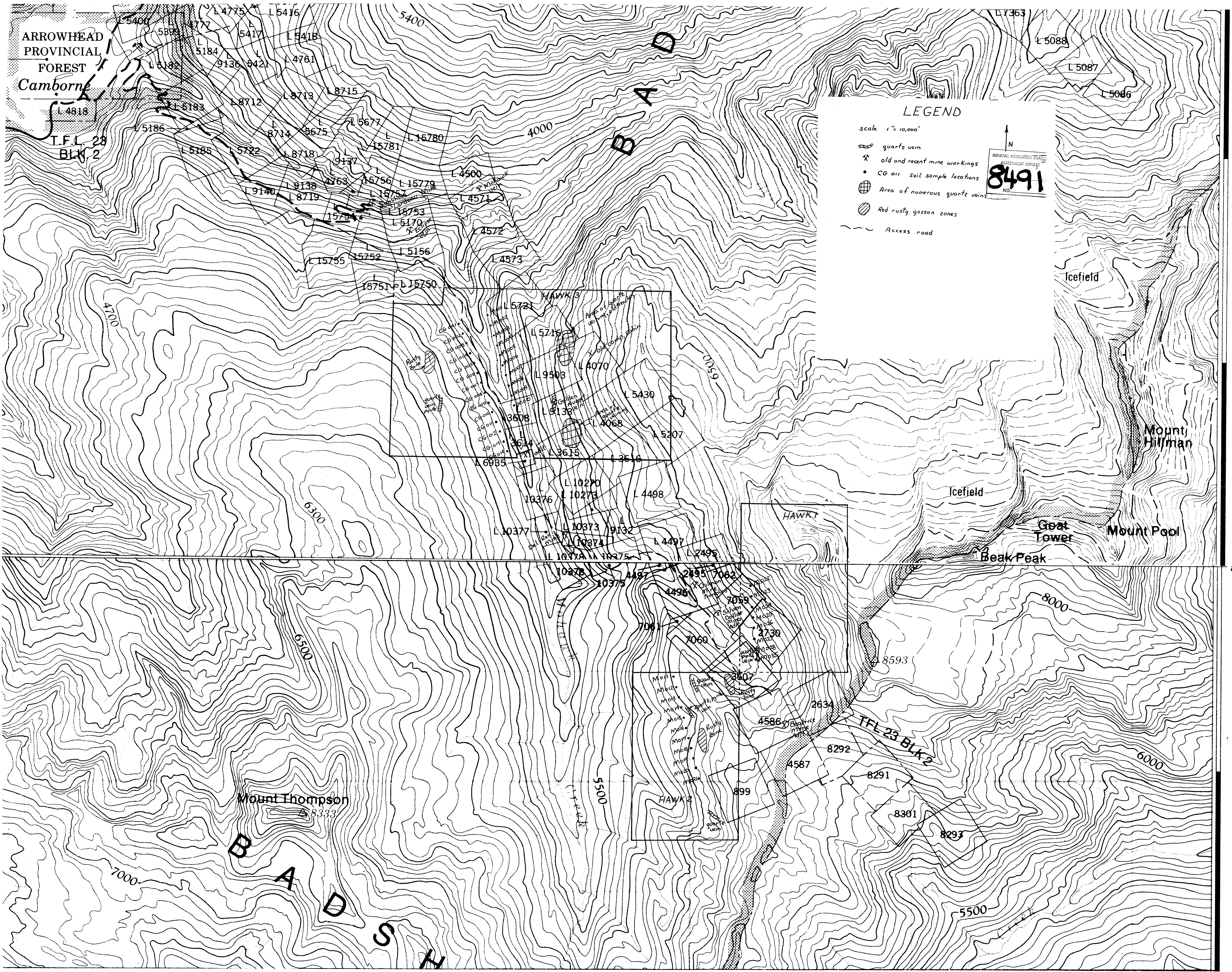
I, CHRIS GRAF, do hereby declare that;

I graduated from the University of British Columbia, Vancouver, British Columbia, in 1974, with a B.Ap.Sc. degree in geological engineering. That I am a registered Professional Engineer in the Province of British Columbia.

From 1975 to 1980 I have actively worked in mineral exploration in British Columbia for numerous major mining companies.

A handwritten signature in cursive script that reads "Chris Graf". The signature is written in dark ink and is positioned above a horizontal line.

C. Graf
1015 - 837 W. Hastings Street
Vancouver, B.C.
V6C 1C4



ARROWHEAD
PROVINCIAL
FOREST
Camborne

T.F.L. 28
BLK 2

LEGEND

scale 1" = 10,000'

- quartz vein
- old and recent mine workings
- CG soil sample locations
- Area of numerous quartz veins
- Red rusty gossan zones
- Access road

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8491
NO.

Icefield

Mount Hillman

Icefield

Goat Tower

Mount Pool

Beak Peak

Mount Thompson

B
A
D
S
H

5045