

ASSESSMENT
GEOCHEMICAL
REPORT
GOLD CONTENT SOIL SURVEY
ON THE
GOOD:PROSPECTS:AND:MUCH:PRO:FIT
AND
DAR - MINERAL CLAIMS
GOLDWAY PEAK AREA
OMINECA MINING DIVISION
94 D 9 E/W
FOR
DERMOT FAHEY

November 26, 1982

G.E.A. von Rosen, P.Eng.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

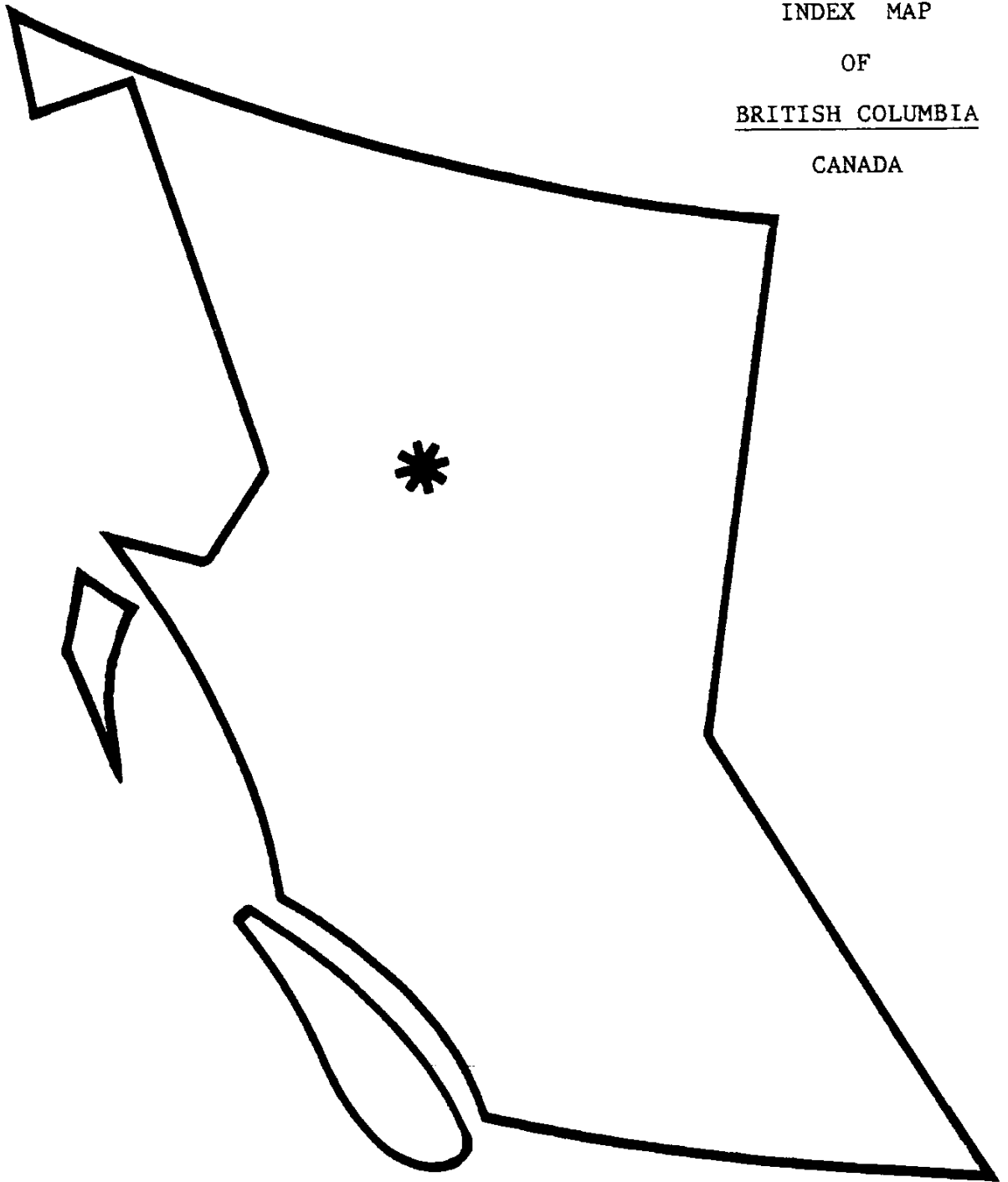
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FIGURE "A"

INDEX MAP
OF
BRITISH COLUMBIA
CANADA



INTRODUCTION

The writer was commissioned by Dermot Fahey to organize the work described in this assessment report, having summarized historic data in a compilation report for Laramie Mining Corporation dated December 19, 1980, which subsequently was altered slightly and dated November 29, 1981. Recommendations of that report included soil, and stream sediment sampling and analysis for gold. This work was started on a grid straddling Goldway creek valley directly southeast, and below the original BRUCE showings, as well as directly northwest and below the original GOLDWAY property. The reason for locating this gold-geochemical survey in this position, was to gain information about gold dispersion originating from the known BRUCE or GOLDWAY showings on either side of the valley, or possibly from beneath the glacio-fluvial valley floor cover.

Ralph Nelson and Claudio Verona were instructed to perform the survey, having staked the property and thus being familiar with the topography and the location of the BRUCE veins. The field crew left Mission, British Columbia on the 21st of August, 1982, drove to Johanson lake, hiked along the south side up Goldway creek, established lean-to camp, established grid, and collected the soil samples which they stored in safety of weather. Demobilization to Vancouver occurred when a grizzly appeared and stayed in the environs. A second trip was undertaken, this time a helicopter stationed at Johanson lake was used for mobilization to bring out the samples.

GOLD GROUP : 94D9E/W - OMINECA MD : GEOCHEM

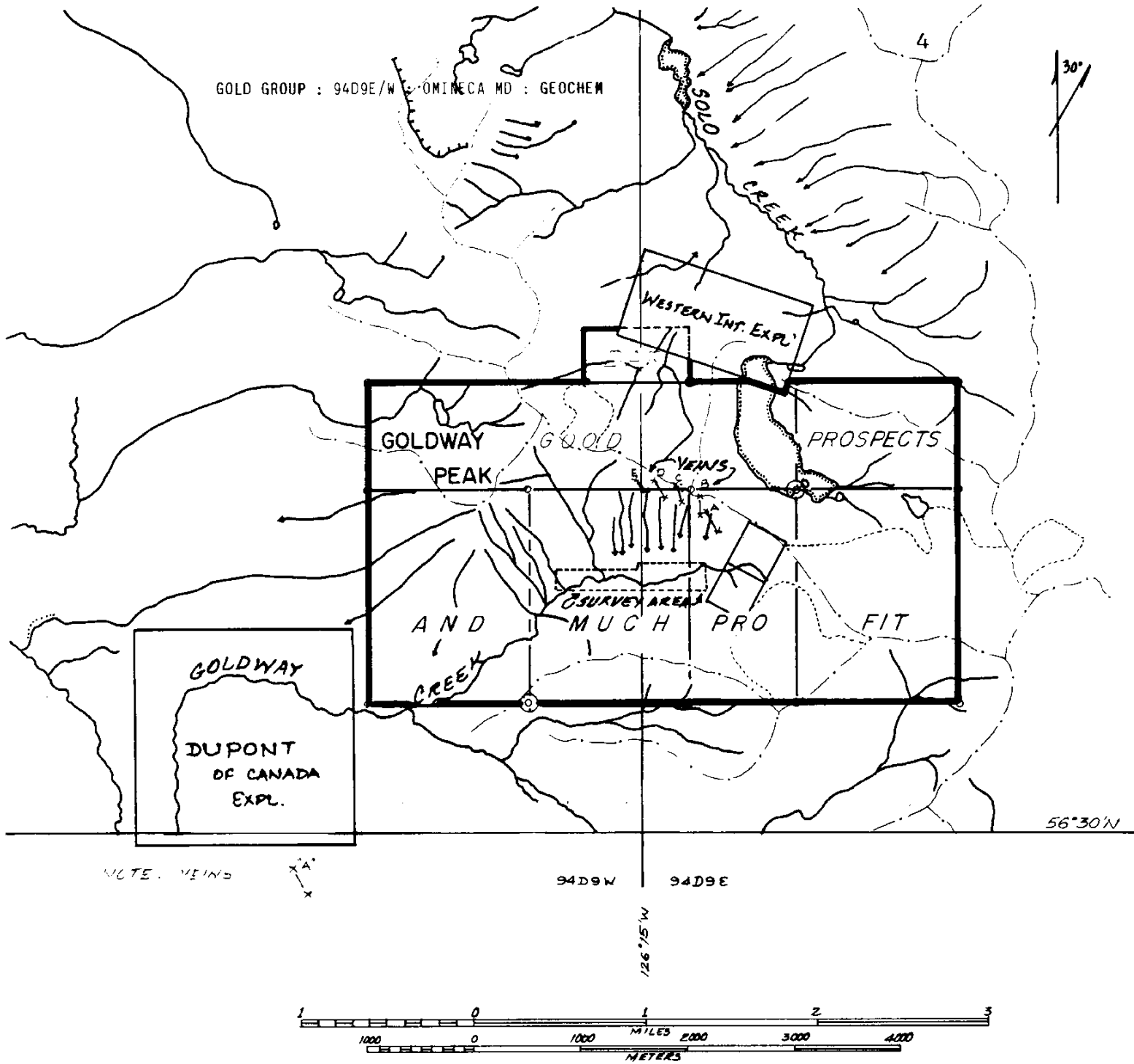


FIGURE B

GEOCHEMICAL SURVEY
"GOLD" MINERAL CLAIM GROUP

GOOD: PROSPECTS: AND: MUCH: PROFIT
DAR: MINERAL CLAIMS
GOLDWAY PEAK AREA
OMINECA MINING DIVISION
94D9E/W

LOCATION & ACCESS

Goldway Peak lies about 9 km southwesterly of Johanson lake. Good access exists to this lake from Vanderhoof, British Columbia. It consists of gravel road which originates at Vanderhoof, passes through Pinchi lake, Germanson Landing, Aiken lake, and has recently been extended by the Department of Mines past Johanson lake, which lies about 340 km northwesterly from Vanderhoof, and about 210 km northeasterly from Smithers, B.C., as the 'crow flies'. An airstrip exists at Johanson lake. Road access to the Goldway Peak property would entail building of a bridge, and following a trail along the western margin of the mountain range. The distance would be about 15 km. Early season work could start on the lower portions of the mountain, progressing higher up the southern slope as the season advances.

TOPOGRAPHY, CLIMATE, VEGETATION

Goldway Peak rising to 2260 meters is surrounded on the northeast by Johanson lake, to the north by Johanson creek, and to the northwest, and west by the Asitka river valley. The altitudes of these lowlands are around 1200 meters. This 1100 meter relief creates the necessity of a steep road to the gold veins, and the variance of early spring in the valley compared to later field season at the showings. It is fortunate that most of the presently-held property has a southern aspect. As this area is above timber-line, vegetation consists mostly of scrub conifers, and alpine terrain.

HISTORY OF THE AREA

A flurry of explorational activity during 1946, resulted in the definition of basically three documented properties which can today be pinpointed with reasonable accuracy. Goldway Peak Mines, Limited was incorporated in February 1947, to acquire the Goldway showings. Work during 1947 included geological mapping, the driving of a short adit, trenching, and sampling. In March 1973 the area was re-staked as MO 1-20 and optioned by San Jacinto Explorations Limited in February 1974. This area is likely covered by the present PRO and FIT claims.

Springer Sturgeon Gold Mines Limited were prospecting and staked their findings as the Solo property. Work by the company was apparently confined to stripping and sampling. It appears likely that this area is covered by the present GOOD claim.

Goldway Peak Mines, Limited explored the Bruce property in 1947. From a comfortable tent camp located on Goldway creek at the edge of scrub timber, a crew of six men carried on development-work under the direction of the company. Five main veins, named 'A', 'B', 'C', 'D', and 'E' veins, and several other smaller veins were stripped and sampled. (see White, BCDM, AR1947). The presently staked GOOD, MUCH, and PRO claims appear to cover this area. (see Figure B)

GENERAL GEOLOGY

The general area has received recent attention as a result of the findings of copper deposits around Sustut river. Geological information is described in various formats, and the one referred to here is Open File 342 of the Geological Survey of Canada.

This map named the McConnell Creek Sheet shows the Goldway Peak area to be comprised of Upper Triassic volcanic rocks [uTRv] consisting of basic to intermediate flow, breccia, and tuff; green phyllite and phyllitic schist. The Darb Lake Stock, consisting of Early Jurassic quartz diorite [EJqd] occurs at what used to be called Bruce Lake, a small glacial lake just east of Goldway Peak. Major north-westerly trending faults in the area are the Ingenika fault to the west of the property, and the Dortatelle fault to the east of the area. Major valleys follow these faults.

LOCAL GEOLOGY

Particular geology is well described by W.H. White (Report of the BC Minister of Mines, 1947), from which the present is compiled.

White writes: "...shows the local geology and the veins explored during 1947. Goldway Peak and the ridge to the east are made up of andesite and basalt flows, with intercalated beds of breccia, agglomerate, and finely stratified tuffaceous sediments. Most of the rocks are dark green in colour due to metamorphic development of abundant hornblende, and of chlorite and epidote. The major structure is an open anticline, the axis of which strikes about north

continued:

LOCAL GEOLOGY

"

20 degrees west. Within the area [of the BRUCE property] the bedding and flow layers dip from vertical to 50 degrees westward, but to the east the dips become progressively less. Thin-bedded tuff, which forms the a high peak three-quarters of a mile east of the area mapped, dips 30 degrees east.

The volcanic rocks are intruded by a composite stock of quartz diorite and granodiorite which is about 3,000 feet from east to west and 2,000 feet from south to north. The extreme irregularity of the southern and eastern margins of this stock is indicated on Figure [see AR 1947]. In most places the contacts are remarkably abrupt. The quartz diorite is a dark-coloured rock of medium grain characterized by abundant hornblende and about 20% quartz. The granodiorite is lighter in colour and generally coarser in texture than the quartz diorite and in thin section the dark mineral is seen to be green biotite rather than hornblende. Some of the observed contacts are abrupt, others appear transitional; but the general field relations indicate that the granodiorite is the later intrusion.

The five main veins, named the "A", "B", "C", "D", and "E" veins, and several smaller veins are shown...They occur for the most part in the stock, having diverse strikes from north to nearly west....

...The veins consist of slightly iron-stained, fractured quartz characterized in many places by parallel fractures arranged en-echelon, and making a slight angle with the vein-walls...Metallic minerals, only sparingly and locally

continued: LOCAL GEOLOGY

" present, include fine-grained pyrite and occasional aggregates of small galena crystals. As a rule the metallic minerals are found in zones of drusy quartz associated with the longitudinal and transverse fractures. A very few small grains of gold were found in fractures closely associated with galena..." (end quote White, 1947)

GEOCHEMICAL SURVEY

GRID

Lines were run in cardinal directions, parallel to Goldway creek valley. Stations were marked at 30 meter intervals; the lines were 30 meters apart. Flagging was attached to scrub vegetation.

METHOD OF SAMPLING

The men were running grid line while sampling. At each station a flag was marked and hung, ground area was cleared of vegetation and organic debris, and a sample of "B" horizon was obtained, and placed in a marked Kraft paper sample bag. Notes were kept of geographic features, whether soil or stream sediment sample, depth of sample, and ratio of coarse, medium, fine material; the quantity of organic material in the sample was noted.

continued:

GEOCHEMICAL SURVEY

ANALYTICAL PROCEDURE

The 276 samples were delivered to Acme Analytical Laboratory where the samples were dried and 10 grams of the -80 mesh fraction, which had been ignited over night at 600 deg Centigrade was digested hot with dilute aqua regia and the clear solution was extracted with Methyl Isobutyl Ketone. Gold was determined by Atomic Absorbtion from the MIBK extractant with background correction. A Perkins Elmer AA unit was used. The results were given in parts per billion, as shown on the attached copies.

DISPLAY OF DATA

Three figures are included in this report showing raw data, semi-contoured data, and information regarding surficial geology.

Gold content, in parts per billion, of the soluble portion within the -80 mesh fraction of the soil samples plotted at their grid-collection sites, is shown on Figure C.

The arbitrarily chosen 30ppb gold content contour is shown on Figure D. Zones showing higher values were not outlined with contours.

The field personnel were instructed to record pertinent 'lay of the land' data; this is shown on Figure E.

The scale of these figures is identical, which allows cross-referencing the data.

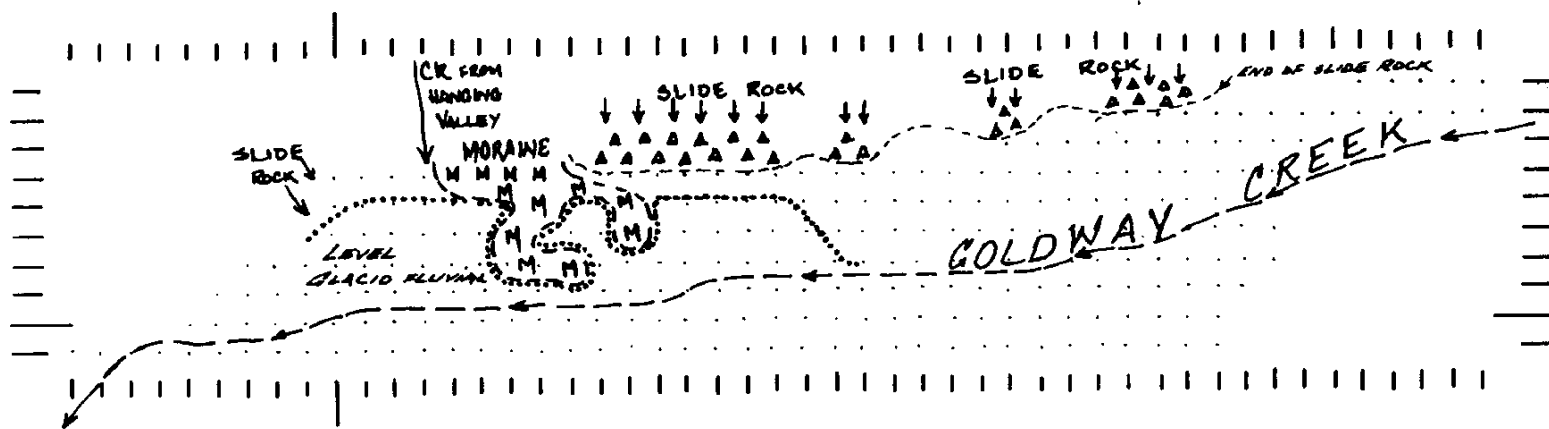


FIGURE E

GEOCHEMICAL SURVEY
 GOLDWAY CREEK: SURFICIAL GEOLOGY

GOOD: PROSPECTS: AND: MUCH: PROFIT
 DAR: MINERAL CLAIMS
 GOLDWAY PEAK AREA
 OMINECA MINING DIVISION
 94D9E/W

To accompany report by: Gerhard von Rosen, P.Eng.

continued:

GEOCHEMICAL SURVEYRESULTS

On Figure **D** the 30ppb gold content contour line clearly dissects the grid length wise in the E-W direction. Comparison with Figure **E** shows that this trend coincides with the location of Goldway creek. Furthermore it appears that gold is contained in the soil samples from the north side of the creek, but not the south. Several clusters of higher gold-content locations occur on the north side (Figure **C**). The grid skirts the bottom of the south-facing mountain side and several rock slides were encountered by the field personnel.(Figure **F**) The writer observes that the southern portion of the grid is probably fed from northerly-facing slopes, in the form of rock slides, while the northern portion has the reverse application. The known **BRUCE** gold veins are up-hill from the northern portion of the grid.

CONCLUSIONS

Gold from the **BRUCE** veins has found its way down into the valley and is definitely showing up in the soils.

A tentative decision can be made that the rock types comprising the mountain side to the south of the grid:

- a) lie too far south to 'feed' the grid, or
- b) do not include deposits of gold comparable to the opposite mountain side.

Little can be said about gold-mineralization occurring under the grid, or even in proximity up-slope to the north, due to the possible source being much higher up-slope.

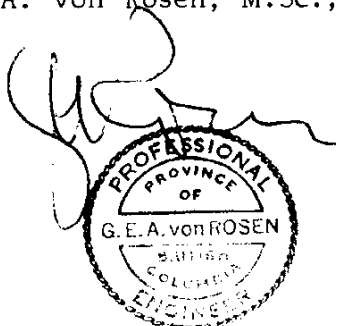
RECOMMENDATIONS

This method of surveying can be utilized in other portions of valley bottoms to provide an 'inventory' of probable gold occurrence higher up the mountain sides. Expanding this concept of exploration in length and sampling at regular intervals along the toes of the mountain sides would be cheaper than doing the whole valley, unless to do so would be to explore beneath the valley-bottom veneer. Stream sediment sampling should be performed likewise and with greater regularity.

The source of the gold content shown in this survey is not yet proven to be the BRUCE veins. It is recommended that this be ascertained by standard prospecting, or using modern exploration means.

Respectfully submitted,

G.E.A. von Rosen, M.Sc., P.Eng.



STATEMENT OF QUALIFICATIONS

Gerhard von Rosen, P.Eng., the author of this report, has performed this type of survey many times before, and is proficient at interpreting the results.

Ralph Nelson has worked under the direction of the author before, and has been found to be dependable and accurate in his work.

Ralph Nelson was instructed on the performance of this particular venture on August 21, 1982, at Mission, B.C.

The writer is familiar with the property, having studied references, and having compiled a report recommending an exploration program, which includes the present work, on the property. Airphoto study further increased the knowledge of the local terrain.

APPENDIX 'A'

GEOCHEMICAL ASSAY CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD.



To: Laramie Mining Corp.,
c/o D.M.Fahey
1018 - 470 Granville St.,
Vancouver, B.C.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

c.c. Mr. G. Von Rosen, Mission, B.C.

File No. 82-1382

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.	Au ppb									
ON 0 E	20									1
30	30									2
60	15									3
90	15									4
120	30									5
150	5									6
180	5									7
210	15									8
240	10									9
270	60									10
300	10									11
330	30									12
360	15									13
390	30									14
420	35									15
450	30									16
480	15									17
510	5									18
540	5									19
570	25									20
600	10									21
630	5									22
660	5									23
690	5									24
720	5									25
750	5									26
780	10									27
810	5									28
840	5									29
870	5									30
ON 900 E	25									31
										32
ON 30 W	65									33
60	25									34
90	5									35
120	5									36
150	40									37
ON 180 W	20									38
										39
										40

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DIGESTION:.....
DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 19, 1982
DATE REPORTS MAILED Oct. 26, 1982

ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Laramie Mining Corp.

GOLD GROUP : 94D9E/W : OMINECA MD : GEOCHEM

852 E. Hastings St., Vancouver, B. C. V6A 1R6 19

phone:253 - 3158

File No. 82-1382

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.	Au ppb								
30S 0 E	15								1
30	10								2
60	5								3
90	15								4
120	5								5
150	5								6
180	5								7
210	10								8
240	5								9
270	15								10
300	20								11
330	10								12
360	5								13
390	5								14
420	5								15
450	5								16
480	5								17
510	10								18
540	5								19
570	5								20
600	5								21
630	15								22
660	5								23
690	5								24
720	5								25
750	5								26
780	5								27
810	5								28
840	5								29
870	10								30
30S 900 E	5								31
									32
30S 30 W	5								33
60	10								34
90	15								35
120	30								36
150	15								37
180	10								38
30 S 210 W	105								39
									40

TAN BROWN GOLDMAY OR SIL

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ASSAYER *[Signature]*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Laramie Mining

GOLD GROUP : 94D9E/W : OMINCA MD : GEOCHEM

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

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phone: 253 - 3158

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File No. 82-1382

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb							
30S 240 W	15							1
30S 270 W	30							2
								3
30S 0 E	10							4
30 30	105		500W	15% ORGANICS				5
60	95							6
90	5							7
120	5							8
150	10							9
180	20							10
210	60							11
240	5							12
270	125							13
300	125							14
330	20							15
360	30							16
390	25							17
420	5							18
450	10							19
480	215							20
510	60							21
540	10							22
570	15							23
600	20							24
630	5							25
660	10							26
690	35							27
720	20							28
750	20							29
780	10							30
810	50							31
840	20							32
870	25							33
900	5							34
30S 930 E	25							35
								36
30N 30 W	45							37
60	25							38
90	40							39
30N 120 W	45							40

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GOLD GROUP : 94D9E/W : OMINCA MD : GEOCHEM



File No. 82-1382

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb							
60N 0 E	60							1
30	55							2
60	70							3
90	40							4
120	35							5
150	30							6
180	500	5%	ORGANICS	TAN	COLOUR			7
210	20							8
240	50							9
270	35							10
300	40							11
330	35							12
360	2500	20%	ORG	BROWN				13
390	40							14
420	50							15
450	100	15%	ORG	GREY	MED-FINE			16
480	95							17
510	95							18
540	190	10%	ORG	TAN BROWN	MED-FINE			19
570	55							20
600	35							21
630	70							22
660	65							23
690	15							24
720	10							25
750	15	SILT	FROM	CREEK				26
780	50							27
810	55							28
840	60							29
870	50							30
900	55							31
930	45							32
60N 960 E	35							33
								34
60N 30 W	70							35
60 60	55							36
60N 90 W	40							37
								38
90N 0 E	15							39
90N 30 E	40							40

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To: **Laramie Mining**
 GOLD GROUP : 94D9E/W : OMINECA MD : GEOCHEM

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Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Au ppb							
90N	60 E	50							1
	90	45							2
	120	35							3
	150	40							4
	180	65							5
	210	55							6
	240	60							7
	270	40							8
	300	45							9
	330	40							10
	360	65							11
	390	55							12
	420	60							13
	450	55							14
	480	30							15
	510	55							16
	540	25							17
	570	45							18
	600	30							19
	630	40							20
	660	55							21
	690	75							22
	720	30							23
	750	25							24
	780	95							25
	810	70							26
	840	50							27
	870	165							28
	900	75							29
	930	140							30
90N	960 E	45							31
									32
120N	30 E	60							33
	60	40							34
	90	45							35
	120	55							36
	150	100							37
120N	180 E	60							38
									39
									40

CREEK SUT

TAN GREY BROWN FINE 15° 023

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ASSAYER

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File No. 82-1382

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb							
120N 210 E	40							1
240	30							2
270	35							3
300	50							4
330	45							5
360	80							6
390	135	TAN	MED-FINE	20% ORG.				7
420	310	TAN-BROWN	MED-FINE	20% ORG.				8
450	30							9
480	50							10
510	20							11
540	10							12
570	25							13
600	110	DK - BROWN	80% COARSE	10% ORG	CREEK			14
630	15							15
660	80							16
690	40							17
720	25							18
750	30							19
780	5							20
810	25							21
840	20							22
870	30							23
120N 900 E	25							24
								25
150N 30 E	5							26
60	5							27
90	15	SILT FROM HANGING VALLEY CREEK						28
120	30							29
150	20							30
180	15							31
210	110	BROWN	90% COARSE	25% ORG				32
240	60	CREEK SILT						33
270	145	GREY		20% ORG				34
300	100	BROWN	80% COARSE	10% ORG				35
330	135	BROWN	80% COARSE	10% ORG				36
360	260	BROWN	95% COARSE	15% ORG.				37
150N 390 E	55							38
								39
								40

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DIGESTION:.....

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ASSAYER Dean Toy

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To: Laramie Mining Corp.,
 GOLD GROUP : 94D9E/W : OMINCA MD : GEOCHEM

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 Assaying & Trace Analysis
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 phone: 253 - 3158

24

File No. 82-1382
 Type of Samples Soils
 Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb					
150N 450 E	150	BROWN	50% COARSE	10% ORG		1
480	155	GREY BROWN	75% COARSE	5% ORG		2
510	50					3
540	65					4
570	40					5
600	105	DARK BROWN	80% COARSE	30% ORG		6
630	50					7
660	55					8
690	5					9
720	70					10
750	45					11
780	15					12
810	10					13
840	20					14
870	205	GREY & BROWN	75% COARSE	5% ORG		15
900	40					16
930	25					17
150N 960 E	15					18
180N 690 E	20					19
720	30					20
750	40					21
780	55					22
810	15					23
840	100	BROWN	5% DEGANICS			24
870	240	BROWN	15% DEGANICS	99% COARSE		25
900	40					26
930	45					27
960	35					28
990	65					29
180N 1020 E	30					30
210N 810 E	40					31
840	5					32
870	80					33
900	20					34
930	50					35
960	40					36
210N 990 E	45					37
						38
						39
						40

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DIGESTION:.....
 DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 19, 1982

DATE REPORTS MAILED Oct. 27, 1982

ASSAYER Dean Toye

DEAN TOYE, B.Sc.
 CHIEF CHEMIST
 CERTIFIED B.C. ASSAYER



To: Laramie Mining

GOLD GROUP : 94D9E/W : OMINCA MD : GEOCHEM

File No. 82-1382

Type of Samples Soil & Rock

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb																				
210N 1020 E	35																				1
1050	80																				2
1080	20																				3
1110	15																				4
1140	20																				5
210N 1170 E	35																				6
240N 1050 E	160																				7
1080	35																				8
1110	20																				9
1140	65																				10
240N 1170 E	50																				11
120N 0 E R	5																				12
150N 0 E R	5																				13
150N 420 E R	5																				14
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BROWN

15% DRG

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Oct. 19, 1982

DATE REPORTS MAILED Oct. 27, 1982

ASSAYER *D. Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ITEMIZED COST STATEMENTDURATION

August 21-23 : mob-in	
August 24-27 : sample collection	
August 28-30 : mob-out	
	= 10 days
Septem 13-14 : mob-in	
Septem 15 : helicopter	
Septem 16-17 : mob-out	
	= 5 days

COSTS

FEES: supervision	\$300
MEALS:	220
CAMP SUPPLIES:	150
LODGING:	190
VEHICLE: 15 days @ \$25	375
PROkm: 3200 @ 20¢	640
GAS/OIL:	340
SURVEY SUPPLIES:	110
LABOUR: 30 man days @ \$75	2250
HELICOPTER:	270
ASSAYS: Acme: 276 samples	1179
REPORT: fees	1500
costs	200
<u>TOTAL COSTS</u>	<u>\$7724</u>

UNIT COSTS

LENGTH OF SURVEY:	8010 meters
COST PER SAMPLE:	\$27.99