

GEOLOGICAL AND GEOCHEMICAL REPORT

SKOOKUM 1 and 2, CHUCK 1 and GOWAN CLAIMS

GOWAN CREEK, NEW WESTMINSTER M. D.

NTS 92 G 16

LATITUDE 49° 56' LONGITUDE 122° 22'W

Dates of work: 9 March 1981 to 29 March 1982

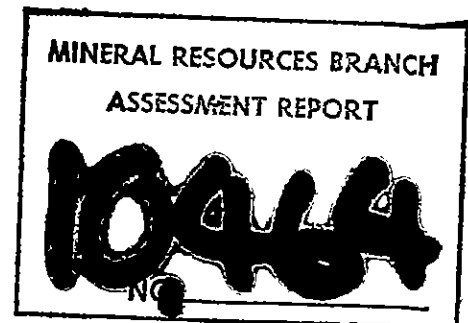
for:

JMT SERVICES CORP.
8827 Hudson St.
Vancouver, B.C.

by

B.J. PRICE, M.Sc. FGAC
2121 W. 5th Ave.
Vancouver, B.C.

March 31, 1982





1954

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I. INTRODUCTION

Outcrops of Fire Lake Group rocks near Gowan Creek were examined during a reconnaissance program in 1980. The claims were staked March 7, 1981 and preliminary sampling done subsequent to staking. Because of the favorable stratigraphy, additional sampling and mapping was done from August 24 to 26 by the writer, W.A. Howell, geologist, and J. Mustard, student assistant. The present report describes work done during both periods of exploration. In total 98 soil samples and 21 rock chip samples were collected and analyzed for copper, lead, zinc, silver, barium, arsenic and gold.

II. LOCATION AND ACCESS: (Figures 1, 2).

The claims cover an area between and surrounding the junctions of Gowan and Livingstone Creeks with Lillooet River, 100 km northeast of Vancouver and 55 km southeast of Pemberton. The property is reached by rough all-weather gravel road from Pemberton. Logging roads extend through the center of the property from the main access road. The area is generally snow-free from late March to late October.

III. CLAIMS

The area of interest is covered by four claims, owned by Gordon G. Richards for the principals of JMT Services Corp. and Territorial Gold Placers Ltd.. Claim data is listed below:

<u>Name</u>	<u>Record No.</u>	<u>Date of Expiry</u>	<u>Units</u>
SKOOKUM 1	1190 (3)	March 31, 1982	12
SKOOKUM 2	1191 (3)	March 31, 1982	16
CHUCK 1	1192 (3)	March 31, 1982	3
GOWAN	1303 (10)	Oct. 15, 1982	9

The claims surround five reverted crown-granted claims:



SKOOKUM, CHUCK, GOWAN CLAIMS

FIGURE 1

JMT SERVICES CORP.			
GOWAN CREEK PROPERTY PROPERTY LOCATION MAP			
SCALE 			
Prepared by	Date :	NTS MAP AREA	DRAWING No.
Drawn by	Revised:		

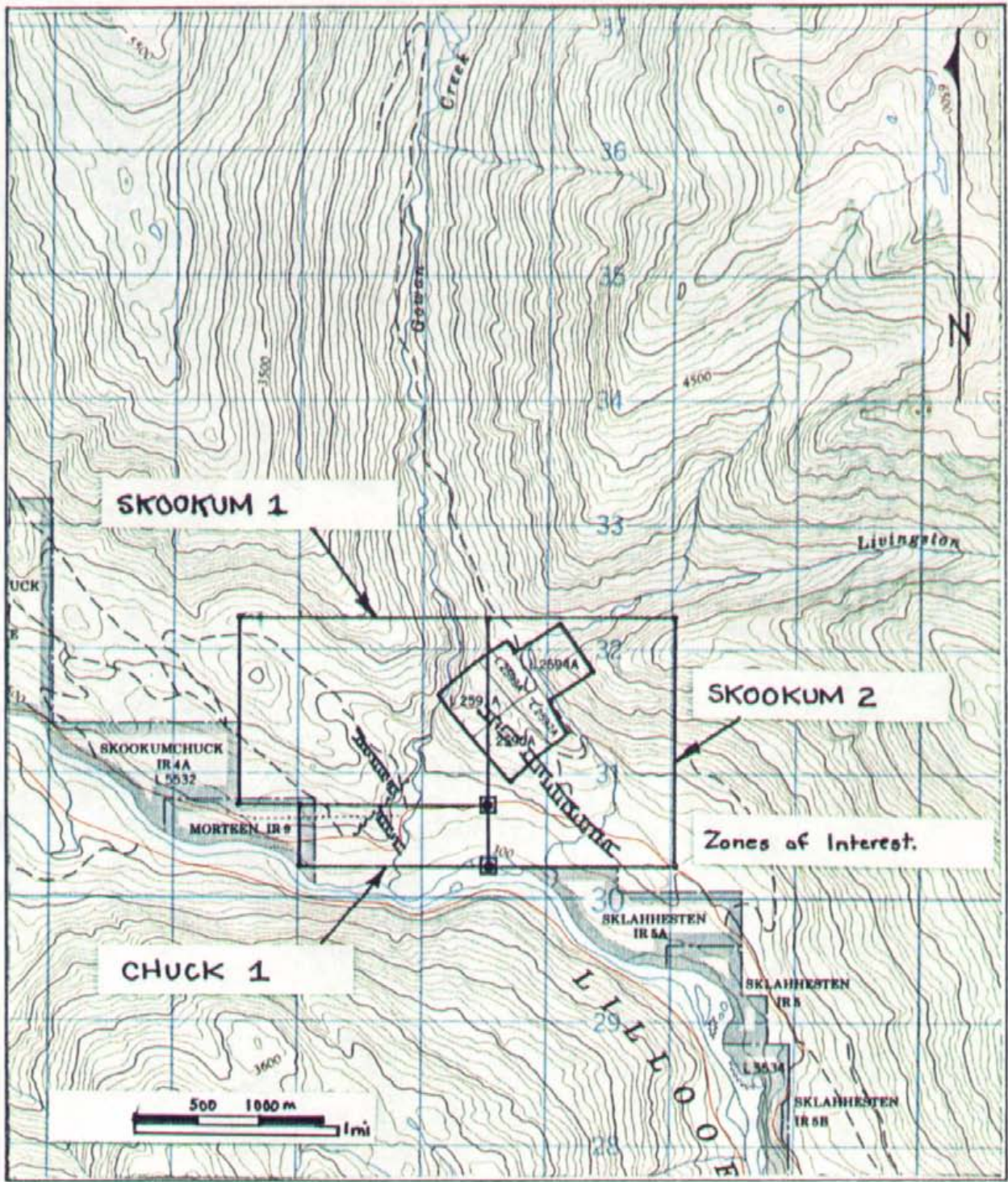


Figure 2: CLAIM MAP.

Figure 2 Claim Map

<u>Name</u>	<u>Record No.</u>	<u>Lease No.</u>	<u>Exp.</u>	<u>Owner</u>
JOE DANK	1098 (11	2591A		R.R. Dimon
SUNSHINE		(2590A		D. Larson &
MAYFLOWER	ML 26) 2592A		H.Larson (50% ea.)
YELLOW COPPER) 2593A		
DEEP CREEK		(2594A		

Claims are shown on the accompanying map (Figure 2).

IV. REGIONAL GEOLOGY (Figure 3).

Gowan and Livingstone creeks cut through a northwesterly trending pendant of Fire Creek group volcanic and sedimentary rocks near Lillooet River. The pendant is fault bounded on the west side and possibly also on the east. Those on the west are the Main Harrison Lake-Lillooet River fault and a subsidiary splay. Livingstone Creek, remarkably linear to within a short distance of Gowan Creek, is believed to be fault controlled. The pendant is bounded on the west by younger biotite quartz diorite and on the east by hornblende quartz diorite and diorite. Metamorphic grade in the Fire Creek rocks increases eastward toward the contact. The rocks are briefly described by Roddick (1965) as follows:

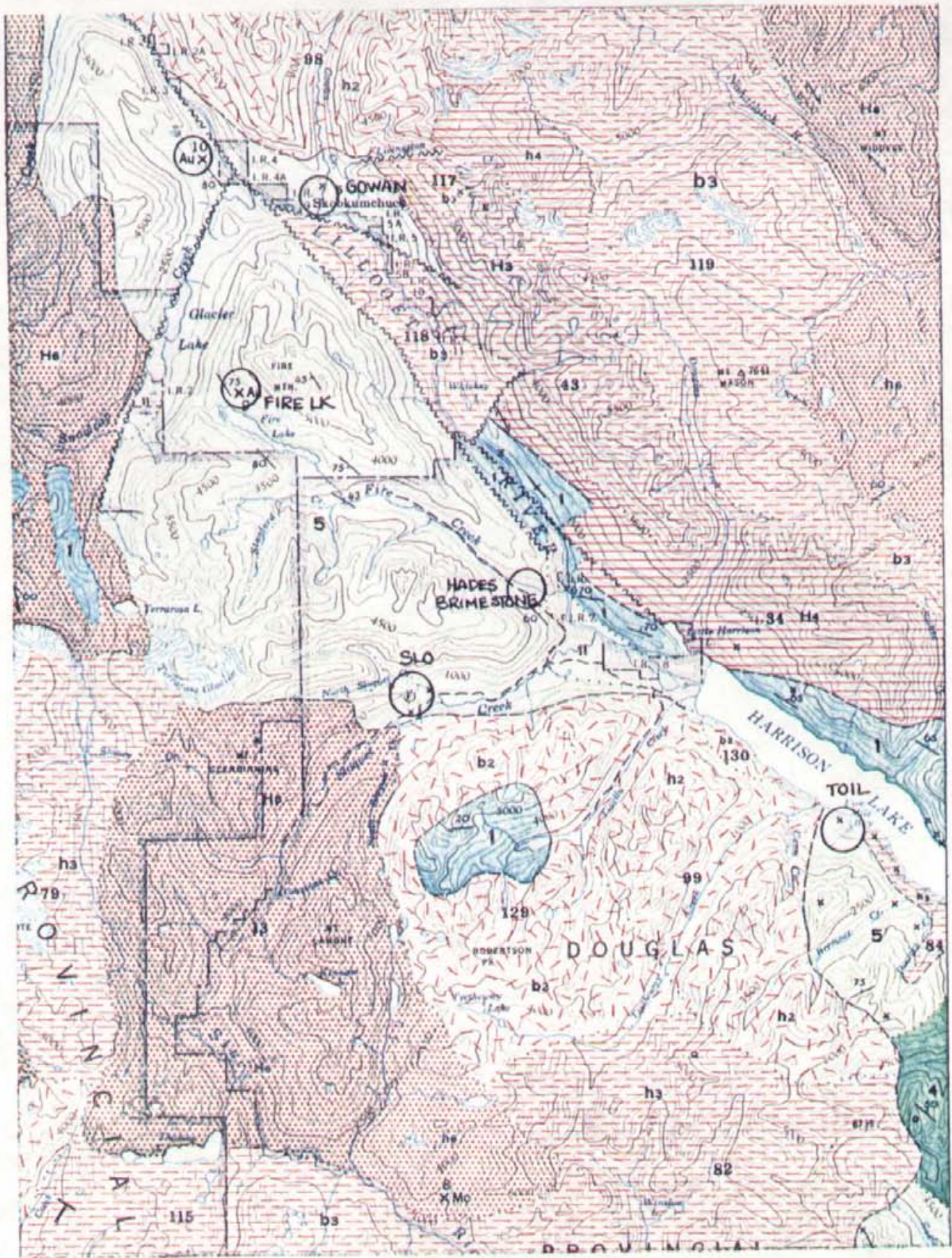


FIGURE 3 - Regional Geology
Mineral Properties Shown as Circles

QUATERNARY

11 Alluvial, marine and glacial deposits

10 **GARIBALDI GROUP**: basalt andesite, dacite, and rhyodacite flows; minor pyroclastic rocks. (May include some Tertiary)

TERTIARY
Eocene
Middle Eocene and Later

9 Basalt flows or sills; dykes and minor pyroclastic rocks

8 Sandstone, shale, and conglomerate; minor tuff and coal

CRETACEOUS
Upper Cretaceous

7 **HELM FORMATION**: argillite, quartzite, sandstone, conglomerate, limestone and arkose; paragneiss

JURASSIC AND CRETACEOUS
Upper Jurassic and Lower Cretaceous

6 **GAMBIER GROUP**: tuff, breccia, agglomerate, andesite, argillite, greywacke, quartzite, and conglomerate; minor schist, granulite, limestone, lime-silicate rock, skarn

5 **FIRE LAKE GROUP**: greenstone, slate, chlorite schist, greywacke, granulite, andesite, conglomerate, quartzite; minor limestone

JURASSIC
Middle Jurassic

4 **HARRISON LAKE FORMATION**: porphyritic meta-andesite and meta-dacite; minor breccia and arkose

LOWER AND MIDDLE (?) JURASSIC

3 **CULTUS FORMATION**: slaty argillite; minor shale, siltstone, greywacke, shaly limestone, and silicified argillite

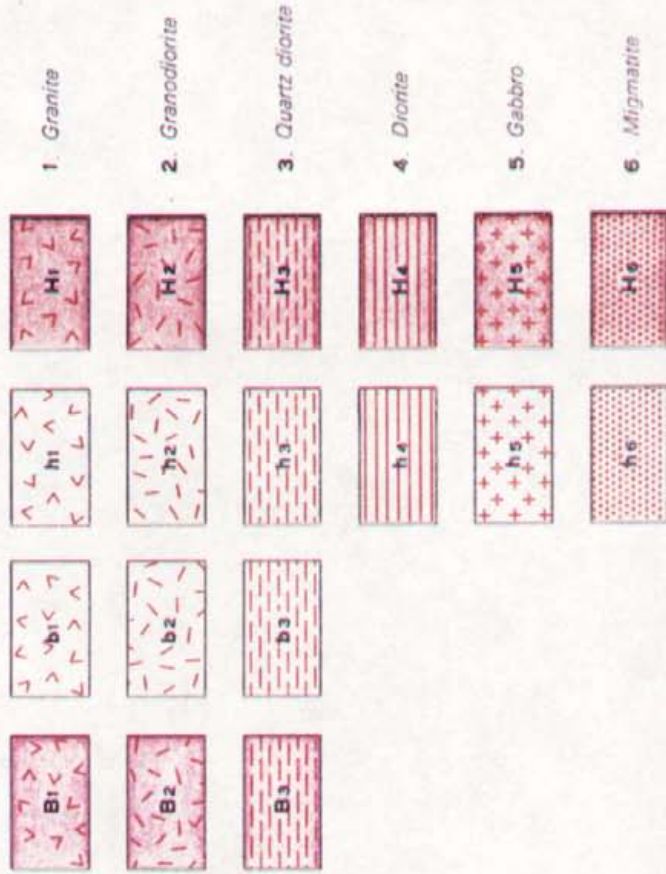
PRE-JURASSIC

2 **BOWEN ISLAND GROUP**: mainly greenstone; minor chert and greywacke

1 **TWIN ISLAND GROUP**: hornblende-granulite, amphibolite, gneiss, schist, conglomerate, quartzite, meta-arkose, lime-silicate rock; migmatite

COAST PLUTONIC ROCKS

Varieties B3, b1, h1, and h5 are present in the map area, but cannot be shown on the scale used



- B. biotite is the only mafic mineral present in appreciable amounts
- b. biotite is more abundant than hornblende
- h. hornblende is more abundant than biotite
- H. hornblende is the only mafic mineral present in appreciable amounts

The vertical line at left indicates the estimated period of formation and evolution of the plutonic rocks

Projections to the left indicate probable major periods of movement of the plutonic rocks

CENOZOIC

MESOZOIC

Legend - Figure 3

History of the Prospect

The area was first explored in 1897 by John S. Grant, who staked a discovery claim, and in partnership with four others, prospected a group of five claims. These claims are those in the central part of the JMT-Territorial Gold Placers Ltd. claims, and were known as the Sunshine, Mayflower, Yellow Copper, Deep Creek and Joe Dank crown granted claims (see claim list). The claims are reported to have quartz veins "carrying in places high values in silver, both in nature and sulphide form, and also, though less commonly, good values in gold" (Cairnes, 1927).

Claims were staked adjacent to the crown grants from time to time but these received no great amount of attention.

1980 Work Program

During road reconnaissance in 1980, the pyritic sericitic schists and coarse dacite lapilli tuffs were noted at Gowan Creek, but the claims were not staked until March 1981.

1981 Work Program

Subsequent to staking the claims, the writer and W.A. Howell mapped the road exposures and sampled the sericitic schist exposures. Including mobilization time, two days were spent on the property and 42 samples were taken-- 20 rock geochemical chip samples and 22 soil samples (See Appendix).

In August, the writer, W.A. Howell, geologist, and J. Mustard, sampler spent an additional two days on the property and several soil traverses were completed on the SKOOKUM 1 and CHUCK 1 claims. Sample locations and results are shown on the accompanying maps (Figures 5a-c) and analyses are tabulated in Appendix 1. On the second sampling phase, 80 soils and 8 rock samples were taken.

V. PROPERTY GEOLOGY (Figure 4)

The property covers a large area of Fire Lake group volcanic and volcanoclastic rocks adjacent to their contact with a large granodioritic mass. A unit which includes pyritic-sericite schist containing minor amounts of chalcopyrite and sphalente is seen in several areas as shown on the accompanying Figure 4. The schists are in contact with a light green to grey silicic volcanic breccia on the SKOOKUM 1 claim and this is believed to be the same horizon and contact that is seen on the rusty road cut on the CHUCK 1 claim. The reverted crown-granted claims in the center of the claim block have a broad band of sericitic schist trending 130 to 140° through their center toward the SKOOKUM 1 claim, where a similar contact is exposed in the bed of Livingstone Creek.

The schist unit is remarkably similar to pyritic schistose rhyolitic tuff horizons marking the footwall-hanging wall contact at the Myra-Lynx-Price massive sulphide "Kuroko" type ore deposits at Buttle Lake, and whole rock X-ray diffraction traces verified this similarity. The presence of scattered copper-zinc sulphides in several localities along this contact makes this unit an intriguing geological target for similar massive sulphide deposits.

Bedding in the volcanic/epiclastic package is everywhere steeply dipping, with most dips northeastward, and some suggestion, from outcrop patterns, of overturning to the southwest. The breccia/schist contact exposed on the CHUCK 1 claim is faulted and perhaps repeated by faulting. The faulting is thought to be the cause of an apparent offset of the favorable horizon of greater than 1 kilometer along Gowan and Livingstone Creeks.

A black shale or argillaceous tuff unit is present on reverted C.G. L2590 and also under the bridge at Livingstone Creek. On L2590, near the sharp S. bend, copper mineralization of malachite and native copper is present along fractures in the black shale, although overall grade from early 1980 sampling is low (1980 WH550-1080 ppm).

Small amounts of arsenic-antimony mineralization are present in the westernmost pyritic exposures on the CHUCK 1 claim. Small needles of stibnite and grains of arsenopyrite were present in one sample, which, upon analysis, contained >1000 ppm As and 50 ppb gold (1980 sample WH 578).

VI. GEOCHEMISTRY (Figure 5)

Prior to discussion of soil geochemistry, it will be important to note the geomorphology of the claims area and the soil types.

The elongate rocky hill underlying SKOOKUM 1 claim and similar rock knobs within SKOOKUM 2 claims are mainly hard resistant metamorphosed massive volcanics, and these glacially rounded and scoured knobs have developed little or no true soils. The lower slopes of the hills, particularly near the mouths of Gowan and Livingstone Creeks are mantled with sandy and gravelly alluvial debris and outwash, again with little or no residual soil. The geochemical results must be considered with these factors in mind.

Copper

Results range from 7 ppm to 235 ppm in soil. Statistics done on 80 samples indicate mean content is 36.6 ppm with standard deviation 28.5 ppm. The writer considers values greater than 50 ppm to be anomalous, which gives 10 anomalous samples.

Several rock samples, from mineralized areas discussed above, are definitely anomalous. The best values occur in the rusty, pyritic schistose tuffs.

Lead

Lead values in soil are low with noticeable difference in backgrounds of the March 1981 and September 1981 samples (analyzed by different labs). Values range from 1 to 50 ppm with one selected soil containing 299 ppm. Values over 25 ppm are considered anomalous (3 samples).

Zinc

As with lead, analytical background differences appear to exist between the two sample batches. Zinc values are low, ranging from 20 ppm to 143 ppm with two strongly anomalous samples (rock) with 700 and 990 ppm. Samples greater than 125 ppm are considered anomalous (6 samples).

Silver

Background values are 0.1 ppm (Chemex) and 0.2 ppm (Vangeochem). Values over 0.5 ppm are considered anomalous (3 samples). P-81-45 and 46 from schistose tuff (45) and nearby residual soil (46) contain strongly anomalous amounts 10.9 ppm and 22.2 ppm respectively. One other schist specimen P81-18, contained 0.7 ppm.

Gold

Most samples contain less than 1 ppb gold. Other samples range from 1 ppb to 60 ppb. Samples with over 30 ppb are anomalous. A rock sample from 1980 - WH576, mineralized with arsenopyrite and stibnite, contained 50 ppb. Sample JM 640 contains 60 ppb but this sample is isolated from known mineralized areas.

Arsenic

Background levels of arsenic in soil and rock are 5-10 ppm (Chemex) and 10-15 ppm (Vangeochem). Calculated mean is 15 ppm (Chemex data only) with standard deviation 46 ppm. Standard deviation is high because of

a number of strongly anomalous samples, and for general purposes, samples exceeding 25 ppm are considered anomalous (15 total). As expected, areas with known arsenopyrite mineralization give the best response, and several samples along the overgrown logging road in SKOOKUM 1 claim are anomalous, coincident with copper, lead, zinc anomalies and the favorable breccia/pyritic schist contact.

Barium

Barium values range from 380 ppm to 700 ppm and none are considered anomalous. Mean is 494 ppm and standard deviation 105.8 ppm.

VII. DISCUSSION

Several samples are moderately anomalous in more than one element:

	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>As</u>	<u>Au</u>
B1010 soil	85	50	126		100	1
B1012 soil	87	4	78		115	<1
JM629 soil	84	18	130		10	5
JM630 soil	235	44	180		29	<1
P81-19 Rx	101	20	990		15	
P81-24 soil	257	28	143		20	
P81-45 soil	396	299	700	10.9	80	
P81-46 Rx	560	278	83	22.2	100	

Note: Because of the scarcity of anomalous samples only one geochemical map is provided showing sample locations and anomalous values.

VIII. CONCLUSIONS

In spite of poor conditions for soil sampling, results from 1980 and 1981 soil and rock sampling indicate several areas with scattered weak mineralization of chalcopyrite, sphalerite, pyrite, arsenopyrite and stibnite at or near the contact of siliceous (rhyolite to dacite) volcanics and pyritic seriate schists. The volcanics are unsheared massive and have lapilli to breccia size fragments. The schists are sheared and resemble pyritic tuffs common to Kuroko or Basslie type

volcanogenic massive sulphide deposits. Although no massive mineralization is exposed, the favorable contact occurs in two or more separate panels with combined strike length in excess of 3000 meters, and for this reason, further work is warranted.

IX. RECOMMENDATIONS

Because of soil and topographic conditions further soil geochemistry is not warranted. A limited program of induced polarization surveys is recommended. Cut lines would be needed in the thick underbrush of the area. Electrode spacing should be 50 m or less, considering narrow widths of possible sources.

Estimated cost of the program is:

Line cutting	15 km @ \$300-350/km	\$ 5,250.
I.P. survey	10 days @ \$1,000/day	10,000.

Detailed geological mapping could run concurrently with supervision of the surveys.

Geological mapping/supervision:

20 man days @ \$250/day	5,000.
Reports, maps, etc.	<u>3,000.</u>

Total	\$ 23,250.
-------	------------

Barry Price, M.Sc.
Geological Consultant





PROGRAM

```

10: PAUSE "GEDST
    AT"
15: INPUT "PROSP
    ECT="; I#
20: INPUT "ELEME
    NT="; G#
25: PAUSE "DATA
    -SHIFT A"
35: "A":N=0:T=0:
    S=0
40: INPUT "X="; X
50: F=1
60: N=N+F
70: T=T+F*X
80: S=S+F*X*X
90: GOTO 40
100: "C" PAUSE "CU
    T"
105: F=-F: GOTO 60
110: "B": X=T/N
120: S=I((S-N**X)
    )/(N-1)
130: PRINT I#:
    PRINT G#
140: PRINT "N="; N
    : PRINT "SUM=
    "; T
150: PRINT "MEAN=
    "; X: PRINT "S
    .D.="; S
160: END
    
```

RESULTS

GOWAN
 CU SOIL
 N=81.
 SUM=2962.
 MEAN=36.56790123
 S. D. =28.53547717

GOWAN
 PB SOIL
 N=80.
 SUM=409.
 MEAN=5.1125
 S. D. =7.554014357

GOWAN
 ZN SOIL
 N=80.
 SUM=4413.
 MEAN=55.1625
 S. D. =27.58996508

GOWAN
 AU SOIL
 N=80.
 SUM=286.5
 MEAN=3.58125
 S. D. =8.320572244

GOWAN
 BA SOIL
 N=81.
 SUM=40032.
 MEAN=494.2222222
 S. D. =105.8281627

GOWAN
 AS SOIL
 N=80.
 SUM=1251.
 MEAN=15.6375
 S. D. =45.51178558

SKOOKUM 1 AND 2, CHUCK 1 AND GOWAN CLAIMS
GOWAN CREEK GROUP

Itemized Cost Statement

Phase 1 - (March 9, 10, 1981)

Consulting Fees:	B. Price March 9, 10	2 days @ \$200	\$ 400.00
	W.A.Howell March 9, 10	2 " " "	400.00

Disbursements:

Vangeochem Inc. #6080 (42 samples)	348.60
Truck rental JMT vehicle - 2 days @ \$45/day	90.00
Food charges - 4 man days @ \$22.50/day	<u>90.00</u>

Sub-total \$ 1,328.60

Phase 2 - (Aug. 24-25, 1981)

Consulting Fees:	B.Price total 2 days @ \$200/day		\$ 400.00
	W.A. Howell " " " "		400.00
Wages:	J.Mustard " " " \$100/day		200.00

Camp Rental	25.00
Food charges - 6 man days @ \$22.50/day	135.00
Truck Rental - 3 days @ \$45/day	135.00
W.A. Howell Expenses	107.35
Air photos - 19 @ \$1.50/photo	28.50
Disbursements: Vancal - blowups & prints Inv. #88621	129.82
Chemex Inv. #18113756	1,508.00
" #18113365	62.00
JMT Service chge 10%	169.98

Map preparation and reports:

B. Price Sept. 7($\frac{1}{2}$), 8($\frac{1}{2}$), 9($\frac{1}{2}$)	
Oct. 6($\frac{1}{2}$), 8($\frac{1}{2}$), 15($\frac{1}{2}$)	
Mar. 24($\frac{1}{2}$), 25(1), 28($\frac{1}{2}$), 29(1)--	
5 days @ \$200/day	1,000.00

Map printing, xerox reports - estimate	<u>50.00</u>
--	--------------

Sub-total \$ 4,350.65

TOTAL COSTS \$ 5,679.25

STATEMENT OF QUALIFICATIONS

I, BARRY JAMES PRICE of Vancouver, B.C. do hereby certify that,

1. I am a consulting geologist residing at 2121 W. 5th Avenue, Vancouver, B.C.
2. I am a graduate of the University of British Columbia, B.Sc. (Honours Geology) 1965, M.Sc. (Economic Geology 1972).
3. I have practiced my profession as an exploration geologist continuously since 1965.
4. I am a Fellow of the Geological Association of Canada.
5. This report is based on my personal knowledge of the district and the mapping and sampling done on the property.

B.J. Price

APPENDIX I

GEOCHEMICAL SAMPLING TECHNIQUES1. Soils

Soil samples are taken from B horizon where possible, with a steel scoop and put into gussetted kraft paper sample envelopes marked with code numbers for each sampler. Records of location and characteristics of soil are kept in note-form by each sampler. At the lab, samples are dried at low temperatures, sifted, and portions of the -80 mesh fraction used for analysis.

2. Silts

Silt samples are taken from active stream sediments with a steel scoop and placed in kraft sample envelopes. Large samples are taken where necessary to ensure sufficient -80 mesh material is present. Samples are dried at low temperatures and sieved, with a portion of the -80 mesh fraction analyzed.

3. Rocks

A kraft envelope is partly filled with small chips taken from across the sampled interval, or if from float, from several random pieces. The chips are crushed and pulverized to approximately 100 mesh and homogenized and a small portion used for analysis.

ANALYSIS

Samples analyzed for copper, lead, zinc, and silver are dissolved in nitric-perchloric mixture of acids and determined by atomic absorption analysis. Silver values are corrected for background readings.

Samples analyzed for gold are treated by fire-assay preconcentration and determined by neutron activation analysis.

Samples analyzed for arsenic are digested with perchloric-nitric acid with a hydride finish and determined by atomic absorption analysis.

Samples analyzed for barium are digested with perchloric-nitric-hydrofluoric acid and determined by atomic absorption.

APPENDIX II

GEOCHEM ANALYSES



CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE (604)984-0221
TELEX 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

OCT - 5

TO : JMT SERVICES CORP;
8927 HUDSON ST;
VANCOUVER, B.C.
V6B 4N1

CERT. # : A8113756-C01-A
INVOICE # : I8113756
DATE : 30-SEP-81
P.O. # : NGNE
02-230 GOWAN

ATTN. BARRY PRICE

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppt	Ba ppt
81-B-1000	201	36	2	28	0.1	5	520
81-B-1001	201	36	2	80	0.1	7	600
81-B-1002	201	<u>86</u>	5	34	0.1	390	100
81-B-1004	201	47	5	40	0.1	20	540
81-B-1005	201	<u>65</u>	10	54	0.1	23	540
81-B-1007	201	20	5	47	0.1	9	540
81-B-1008	201	44	2	48	0.1	7	520
81-B-1009	201	33	2	76	0.2	15	460
81-B-1010	201	<u>85</u>	50	126	0.1	100	440
81-B-1011	201	29	3	64	0.1	20	460
81-B-1012	201	<u>87</u>	4	78	0.2	115	300
81-B-1015	201	<u>50</u>	4	65	0.1	11	460
81-B-1016	201	43	2	38	0.1	10	460
81-B-1017	201	35	1	85	0.1	5	380
81-JM-613	201	<u>60</u>	5	114	0.1	12	540
81-JM-615	201	<u>65</u>	8	100	0.1	11	560
81-JM-616	201	44	2	54	0.1	9	400
81-JM-617	201	20	1	70	0.1	6	480
81-JM-618	201	21	2	58	0.1	7	460
81-JM-619	201	33	2	49	0.1	6	460
81-JM-620	201	38	1	40	0.1	5	500
81-JM-621	201	<u>51</u>	2	32	0.1	6	460
81-JM-622	201	27	2	42	0.1	7	400
81-JM-623	201	25	5	30	0.1	7	440
81-JM-624	201	18	4	38	0.1	7	420
81-JM-625	201	45	2	42	0.1	7	440
81-JM-626	201	30	3	73	0.1	5	560
81-JM-627	201	35	1	33	0.1	4	420
81-JM-628	201	28	2	40	0.1	6	520
81-JM-629	201	<u>84</u>	18	130	0.3	10	500
81-JM-630	201	<u>235</u>	44	180	0.1	29	520
81-JM-631	201	29	12	76	0.1	6	480
81-JM-632	201	41	2	58	0.1	5	440
81-JM-633	201	21	11	58	0.1	6	440
81-JM-634	201	18	4	46	0.1	4	600
81-JM-635	201	25	2	20	0.1	6	560
81-JM-636	201	9	1	50	0.1	4	600
81-JM-637	201	7	3	80	0.1	3	600
81-JM-638	201	16	2	36	0.2	6	520
81-JM-639	201	13	6	36	0.1	4	700

Certified by *Hart Bichler*



CHEMEX LABS LTD.

212 BROOKSBANK AVE
 NORTH VANCOUVER, B C
 CANADA V7J 2C1
 TELEPHONE (604)984-0221
 TELEX 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

OCT - 5 1981

TO : JMT SERVICES CORP;
 8327 HUDSON ST;
 VANCOUVER, B.C.
 V6B 4N1

CERT. # : A8113756-001-B
 INVOICE # : I8113756
 DATE : 30-SEP-81
 P.O. # : NONE
 02-230 GOWAN

ATTN. BARRY PRICE

Sample description	Prep code	Au NAA ppb						
81-3-1000	201	1	--	--	--	--	--	--
81-3-1001	201	2	--	--	--	--	--	--
81-3-1002	201	7	--	--	--	--	--	--
81-3-1004	201	15	--	--	--	--	--	--
81-3-1005	201	3	--	--	--	--	--	--
81-3-1007	201	2	--	--	--	--	--	--
81-3-1008	201	17	--	--	--	--	--	--
81-3-1009	201	7	--	--	--	--	--	--
81-3-1010	201	1	--	--	--	--	--	--
81-3-1011	201	6	--	--	--	--	--	--
81-3-1012	201	<1	--	--	--	--	--	--
81-3-1015	201	1	--	--	--	--	--	--
81-3-1016	201	1	--	--	--	--	--	--
81-3-1017	201	<1	--	--	--	--	--	--
81-JM-613	201	<1	--	--	--	--	--	--
81-JM-615	201	2	--	--	--	--	--	--
81-JM-616	201	1	--	--	--	--	--	--
81-JM-617	201	<1	--	--	--	--	--	--
81-JM-618	201	<1	--	--	--	--	--	--
81-JM-619	201	<1	--	--	--	--	--	--
81-JM-620	201	2	--	--	--	--	--	--
81-JM-621	201	1	--	--	--	--	--	--
81-JM-622	201	<1	--	--	--	--	--	--
81-JM-623	201	1	--	--	--	--	--	--
81-JM-624	201	<1	--	--	--	--	--	--
81-JM-625	201	9	--	--	--	--	--	--
81-JM-626	201	1	--	--	--	--	--	--
81-JM-627	201	<1	--	--	--	--	--	--
81-JM-628	201	3	--	--	--	--	--	--
81-JM-629	201	5	--	--	--	--	--	--
81-JM-630	201	<1	--	--	--	--	--	--
81-JM-631	201	9	--	--	--	--	--	--
81-JM-632	201	<1	--	--	--	--	--	--
81-JM-633	201	1	--	--	--	--	--	--
81-JM-634	201	<1	--	--	--	--	--	--
81-JM-635	201	<1	--	--	--	--	--	--
81-JM-636	201	<1	--	--	--	--	--	--
81-JM-637	201	2	--	--	--	--	--	--
81-JM-638	201	3	--	--	--	--	--	--
81-JM-639	201	<1	--	--	--	--	--	--

Certified by *Hart Buchler*

CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER B.C.
CANADA V7J 2C1

TELEPHONE (604) 984-0221
TELEX 043-52597

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CERTIFICATE OF ANALYSIS

5 1981

TO : JMT SERVICES CORP;
8827 HUDSON ST;
VANCOUVER, B.C.
V6B 4N1

CERT. # : AS113755-002-A
INVOICE # : I8113756
DATE : 30-SEP-81
P.O. # : NONE
02-230 GOWAN

ATTN. BARRY PRICE

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	AS ppm	Sa ppm
81-JM-640	201	24	4	36	0.1	6	580
81-JM-641	201	12	6	30	0.1	5	640
81-JM-642	201	12	7	40	0.1	4	620
81-JM-643	201	17	6	23	0.1	5	580
81-JM-644	201	14	3	22	0.1	6	620
81-JM-645	201	21	5	42	0.1	4	640
81-JM-646	201	19	1	25	0.1	6	640
81-JM-647	201	24	4	37	0.2	6	640
81-JM-648	201	25	4	46	0.1	6	520
81-JM-649	201	24	4	38	0.1	6	620
81-JM-650	201	31	2	31	0.1	9	480
81-JM-651	201	24	3	37	0.1	6	540
81-JM-652	201	43	2	42	0.1	6	400
81-JM-653	201	45	3	38	0.1	6	420
81-JM-654	201	34	2	45	0.1	7	420
81-JM-655	201	41	5	53	0.1	5	400
81-JM-656	201	40	3	45	0.1	7	420
81-JM-657	201	46	5	70	0.1	7	500
81-JM-658	201	22	2	58	0.1	4	620
81-JM-659	201	36	2	53	0.1	7	420
P1043	201	34	3	63	0.1	12	600
P1044	201	29	3	75	0.1	16	500
P1045	201	42	3	60	0.1	9	540
P1046	201	75	7	42	0.3	14	460
P1047	201	28	22	32	0.2	33	560
P1048	201	25	6	42	0.1	9	540
P1049	201	40	4	48	0.1	14	520
P1050	201	27	2	36	0.1	9	520
P1051	201	34	3	41	0.1	6	480
P1052	201	18	3	34	0.1	6	460
P1053	201	49	3	65	0.1	4	440
P1054	201	21	4	44	0.1	6	420
P1055	201	26	2	88	0.1	5	520
P1056	201	28	4	27	0.1	6	440
P1057	201	29	2	32	0.1	9	420
P1058	201	40	5	54	0.1	12	500
P1059	201	25	3	62	0.1	11	440
P1060	201	39	5	115	0.1	6	600
P1061	201	30	5	53	0.1	9	540
P1062	201	36	3	91	0.1	7	420

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CERTIFICATE OF ANALYSIS

OCT 5 1981

TO : JMT SERVICES CORP;
 8327 HUDSON ST;
 VANCOUVER, B.C.
 V6B 4N1

CERT. # : A8113756-002-B
 INVOICE # : I8113756
 DATE : 30-SEP-81
 P.O. # : NONE
 02-230 GOWAN

ATTN. BARRY PRICE

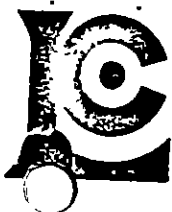
Sample description	Prep code	Au NAA ppb					
81-JM-640	201	60	--	--	--	--	--
81-JM-641	201	<1	--	--	--	--	--
81-JM-642	201	<1	--	--	--	--	--
81-JM-643	201	<1	--	--	--	--	--
81-JM-644	201	<1	--	--	--	--	--
81-JM-645	201	<1	--	--	--	--	--
81-JM-646	201	<1	--	--	--	--	--
81-JM-647	201	3	--	--	--	--	--
81-JM-648	201	4	--	--	--	--	--
81-JM-649	201	5	--	--	--	--	--
81-JM-650	201	8	--	--	--	--	--
81-JM-651	201	1	--	--	--	--	--
81-JM-652	201	<1	--	--	--	--	--
81-JM-653	201	12	--	--	--	--	--
81-JM-654	201	<1	--	--	--	--	--
81-JM-655	201	3	--	--	--	--	--
81-JM-656	201	<1	--	--	--	--	--
81-JM-657	201	1	--	--	--	--	--
81-JM-658	201	<1	--	--	--	--	--
81-JM-659	201	<1	--	--	--	--	--
P1043	201	<1	--	--	--	--	--
P1044	201	1	--	--	--	--	--
P1045	201	<1	--	--	--	--	--
P1046	201	11	--	--	--	--	--
P1047	201	4	--	--	--	--	--
P1048	201	3	--	--	--	--	--
P1049	201	<1	--	--	--	--	--
P1050	201	3	--	--	--	--	--
P1051	201	<1	--	--	--	--	--
P1052	201	9	--	--	--	--	--
P1053	201	38	--	--	--	--	--
P1054	201	<1	--	--	--	--	--
P1055	201	<1	--	--	--	--	--
P1056	201	4	--	--	--	--	--
P1057	201	5	--	--	--	--	--
P1058	201	3	--	--	--	--	--
P1059	201	<1	--	--	--	--	--
P1060	201	<1	--	--	--	--	--
P1061	201	<1	--	--	--	--	--
P1062	201	2	--	--	--	--	--

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CERTIFICATE OF ANALYSIS

TO : JMT SERVICES CORP;
3827 HUDSON ST;
VANCOUVER, B.C.
V6B 4N1

CERT. # : A8113365-001-A
INVOICE # : I2113365
DATE : 22-SEP-81
P.O. # : NONE
GOWAN 02-230

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ba ppm	Au ppm	NAA
81 B 831	205	47	2	72	0.1	220		1
81 B 832	205	43	2	118	0.1	640		<1
81 B 833	205	36	1	46	0.1	1260		<1
81 B 834	205	39	3	87	0.1	460		<1

Certified by *Hart Biedler*





Certificate of Geochemical Analyses

J.M.T. Services Corp.
 3327 Hudson Street
 Vancouver, B.C. V6P 4N1

Report No. 81-47-004 1 of 2
 Samples Arrive March 17, 1981
 Report Completed March 24, 1981
 For Project: 230
 Analyst: E.T. & VGC Staff
 Invoice: 6080 Job # 81-025

Sample Marking	Cu ppm	Pb ppm	Zn ppm	Ag* ppm	As ppm	
P81 - 18	53	15	56	0.7	10	Rock
19	101	20	990	0.2	15	Rock
20	73	14	109	nd	25	Rock
21	22	19	74	0.2	10	Rock
22	71	14	78	nd	15	Rock
23	45	20	90	0.1	15	Rock
24	257	28	143	0.4	20	Soil
25	51	16	85	0.4	80	Rock
26	65	14	84	0.2	15	Rock
27	46	14	104	0.2	15	Rock
28	89	15	75	0.4	15	soil silt.
29	34	20	98	0.3	10	soil
30	38	22	110	0.3	4	
31	24	19	107	0.2	10	
32	25	21	122	0.4	10	
33	14	15	59	nd	10	
34	14	16	71	0.4	10	
35	25	18	78	0.4	15	
36	14	18	100	nd	4	
37	19	16	70	nd	10	
38	31	19	63	nd	10	
39	16	17	83	0.2	10	
40	15	19	102	0.2	10	
41	25	16	60	0.2	10	
42	16	19	92	0.4	10	
43	21	15	51	0.3	10	
44	16	16	71	0.2	10	
45	396	299	700	10.9	80	soil
P81 - 46	560	278	83	22.2	100	Rock
B31 - 11	19	22	59	0.1	15	Rock
13	11	16	69	0.3	15	
14	9	16	61	0.2	10	
15	36	14	70	0.4	60	
16	27	16	74	0.2	>1000	
17	45	18	81	0.4	80	
18	40	13	7	0.2	35	
19	40	21	8	0.4	30	
20	62	15	119	0.2	10	
B31 - 21	115	10	72	nd	100	Rock

SHOWING

Gowen Cr

soil
Rock
Rock
Rock

REMARKS

Ag* = Ag background corrected.
 > greater than

Signed: *[Signature]*

1 Troy oz Au = 34.28 ppm 1 ppm = 0.0001% nd = none detected
 All values are believed to be correct to the best knowledge of the analyst based on the method and instrument used.

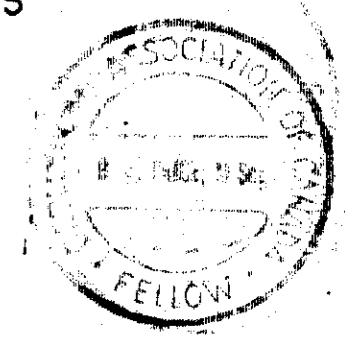
GOWAN CREEK PROSPECT

SKOOKUM 1,2 and CHUCK 1 CLAIMS
NEW WESTMINSTER MD

SAMPLE LOCATIONS and ANOMALIES

- SOIL
- SILT
- △ ROCK
- ANOMALOUS

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10964
M.



To accompany report by Gary Price
B. J. PRICE, M. SC. FGAC.

MAY 1982

