1206

GEOCHEMICAL REPORT

OB

THE L & M CLAIM GROUP

15 miles east of QUILCHENA, B.C. 50°, 120° SE

NICOLA MINING DIVISION 92 1/1 //

owned by

BARDALE MINING AND DEVELOPMENT LTD

for

DOLMAGE, CAMPBELL AND ASSOCIATES

June 1967 and August 1967

by

T. D. WILKINSON

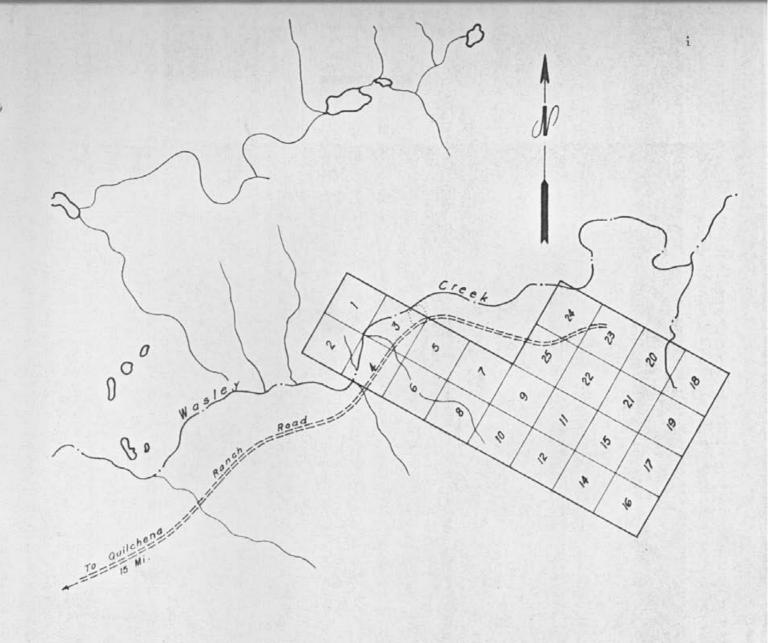
and

R.S. ADAMSON

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GEOCHEMICAL MAP - Figure 1 in back pocket #/





STATEMENT OF EXPENSES

The following is a breakdown of the expenses incurred in carrying out the geochemical survey on the L & M claims, 15 miles East of Quilchens, B.C., in the Nicola Mining Division.

Expenses incurred by Dolmage, Campbell & Associates - see statements

Wages:	Bankad	Toma	22.25	1067
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nager rename same money are.	
T. D. Wilkinson - Supervisor/Sampler 2 days @ \$38.72	77.44
B. B. Marceno - Sampler 4 days @ \$36.35	145.40
Expenses: Period June 22-25, 1967	
Expenses, T. D. Wilkinson, B. B. Marceno car operating	
expenses	99.95
Vancouver-Quilchena meals, hotel	
Expenses, Printing	4.31
Soil Analyses Bondar-Clegg & Co. Invoice #2-38-7	526.50
Wages: Period August 18-20, 1967	
T. D. Wilkinson - Supervisor/Sampler 2 days @ \$38.72	77.44
L. Sookochoff - Sampler 2 days @ \$30.26	60.52
T. D. Wilkinson - Drafting, interpreting results	66.37
Expenses: Period August 18-20, 1967	
Telephone	1.20
Soil Analyses Bondar-Clegg & Co. Invoice #2-147-7	83.20
T. D. Wilkinson, L. Sookochoff Travelling	58.65
	\$1,200.98
Expenses incurred by Bardale Mining & Development Ltd Wages period June 22-25, 1967	
D. Arscott - Sampler 4 days @ \$35.00	140.00
D. Arscott expenses - meals, hetel	60.00
Use of Land Rover owned by Bardale Mining 4 days @ \$20.00	40.000
to transport erew from Quilchena to L & M claims	80.00
	280.00
Expenses incurred by Dolmage, Campbell March, 1968	
T. D. Wilkinson report and drafting 4 days @ \$445.00	180.00
Typing and materials	35.20
Printing	3.93
	219.13
TOTAL	\$1,700.1

February 8, 1968

Mr. R. E. Dale, 1915 Beach Ave., Vancouver 5, B.C.

Attention: Mr. A. Ainsworth

Re: L & M PROPERTY

Dear Sirs:

The following are the expenditures made personally by me on the geochemical surveying etc. of the above property in 1967:

Date	İtem	Company	Amount
Sept. 1 Sept. 15 Sept. 27	Sall analyses Salaries Expenses	Bondar-Clegg Assoc. Geological S	\$526.50 evcs. 589.71 26.12
		TOTAL:-	\$1,142.33

All expenditures are receipted and receipts can be included if desired.

Respectfully submitted,

Douglas D. Campbell, P.Eng., Ph.D.

DOLMAGE, CAMPBELL & ASSOCIATES

CONSULTING GEOLOGISTS

808 BANK OF CANADA BUILDING VANCOUVER I, B.C.



September 1, 1967

Douglas D. Campbell, 808 - 900 W. Hastings St. Vancouver 1, B.C.

> Expense Statement re L & M GROUP

Expenses to September 1, 1967:

TWilkinson exp. -

meals 28.55 gas 8.70 hotel 24.40 58.65

July 11 - paid Bondar-Clegg re analysis 526.50

TOTAL EXPENSES: \$535.15

RECEIVED PAYMENT Mar. 13, 1968

for Dolmage ampbell

RECEIVED

MAR 1 5 1968





ASSOCIATED GEOLOGICAL SERVICES LTD. / 807 Bank of Canada Bldg., Vancouver I, B. C./Telephone (671) 682-4314

Described - Property Learn Indiana | Sanloyer | Surveys | San-shemical Euryeya | Mass Development | Project Management

Dr.D. D. Campbell, Ste 808, 900 W Hastings Street, Vancouver 1, B.C.

RE: L & M GROUP

Expenses:

Bondar-Clegg & Co. Ltd

\$83.20

RECEIVED PAYMENT:

for: Associated Geological

Services, Ltd.,

March 13, 1968

geologists o geochemists o analysts

BONDAR-CLEGG & COMPANY LTD .--



1481 MICHAEL STREET, OTTAWA 8, ONTARIO - 745-4114
MAILING ADDRESS BOX 3382, STATION "C", OTTAWA 3

more and the contract of the c

SERVICES RENDERED TO

Associated Geological Services, 415 - 355 Jurrard St., VA. Janver, B. C. 1207

TERMS NET 30 DAYS

OUR REPORT NO		YOUR SAMPLE NO.			
2-147	7-7	Orid	Septembe	er 5, 1967.	
QUANTITY		DESCRIPTION	AMOUNT	TOTAL	
1.01	Ou analysis plus sample prep.		83.20	63.20	
	(as er q	uote of 30% off list)			
	Company				

"Fast, accurate and efficient analysis at reasonable prices"

8-1231-AKINS

INVOICE

INTRODUCTION

During the period June 22 to June 25, 1967, a preliminary soil test survey was carried out on the L & M No's 1, 2, 3 and 4 mineral claims. The object of the survey was to determine the feasibility of carrying out a detailed geochemical survey over the entire claim group. Three men carried out the survey running lines and collecting soil samples. A total of 270 samples were collected. Assays were run on each of the samples for parts per million Copper and for parts per million Molybdenum (See Bondar-Clegg & Company Ltd, Geochemical Lab Report appended to this report.) A statistical breakdown of the assays was made, and the resulting data was plotted on a 400 scale map (See Figure 1 in back pocket.)

Results of the preliminary survey were encouraging enough to warrant further geochemical work. An additional 99 samples were collected during the period August 18-20, 1967. These samples were assayed for ppm Copper only, and plotted on Figure 1.

TOPOGRAPHY AND VEGETATION

Topography of the L & M claims is characterized by gently rolling hills. Elevations range from 4,000 feet to 4,500 feet. The principal drainage channel (Wasley Creek) flows west into Minnie Lake.

Vegetation in the area is sparse to moderate. Trees grow to more than 50 feet in height, the most common species being fir and spruce.

Cottonwood are common and border the creeks in the low-lying areas.

SURVEYING

Figure 1 shows the layout of soil sample stations relative to claim boundaries. The base line was established in a S 60°E direction, roughly parallel to the claim location line. The base line was established with a Brunton Compass, using a nylon chain to measure out cross line intervals. Cross lines were then run off the base line, also using Brunton compass and nylon chain, and were tied in, where possible, to claim location posts. Samples were taken along the cross lines at 100 foot intervals on cross lines, and at 200 foot intervals on the base line and the claim location line. Cross line spacing was 400 feet.

A total of 8.5 line miles of soil samples were run in the above manner (See Figure 1 in back pocket.)

SAMPLING METHOD

Samples were taken in greyish brown, sandy loam at a depth varying from 6" to 14" throughout the area sampled, representing the "B" horizon. The humus layer is very thin and quite often absent entirely.

ASSAYING METHOD

Please see letter to Ken Valcamp, Dipl. Tech. of Bondar-Clegg & Co.Ltd.

1500 PEMBERTON AVENUE, NORTH VANCOUVER. B.C. Phone 988-5315

August 2, 1967

Mr. Wilkinson
Associated Geological Services Ltd.
#415 - 355 Burrard Street
Vancouver, B.C.

Dear Mr. Wilkinson:

The following procedure was followed for analysis of your geochemical soil samples:

All samples were heated in an infra-red oven until dry. The samples were then sifted using an 8 inch -80 mesh stainless steel sieve, and the oversize was rejected. A DWL-2 torsion balance was used to weigh 0.200 gms of the sample.

Copper was extracted from the sample by addition of 1.5~ml nitric acid and 0.5~ml hydrochloric acid and heated in a water bath at 95°C for 2.5~hrs. The solution was diluted to 10~mls using 8.0~mls of demineralized water. Subsequent analysis were performed on the techron model A.A.-4 atomic absorption spectrophotometer at a wavelength of 3247°A .

I certify that to the best of my knowledge the foregoing analytical procedures were used for analysis of your geochemical soil samples.

Yours very truly,

Ken Valcamp, Dipl. T.

BONDAR-CLEGG & COMPANY LTD.

KV:1s

RESULTS

The following table is a statistical breakdown of the assay results for Copper from the preliminary soil test survey, showing the range in ppm Copper and the number of samples in that range.

TABLE 1

ppm Range Copper	No: of Samples	ppm Range Copper	No: of Samples
0 - 5	1		
6 - 10	2		
11 - 15	9		
16 - 20	27		
21 - 25	50		
26 - 30	47	0 - 30	136
31 - 35	55		
36 - 40	35		
41 - 45	16		
46 - 50	9	31 - 50	115
51 - 55	5		
56 - 60	5		
61 - 65	3		
66 - 70	1	51 - 70	19
> 70	5		
TOTALS	270		270

STATISTICAL BREAKDOWN
OF ASSAY RESULTS FOR MOLYBDENUM

TABLE II

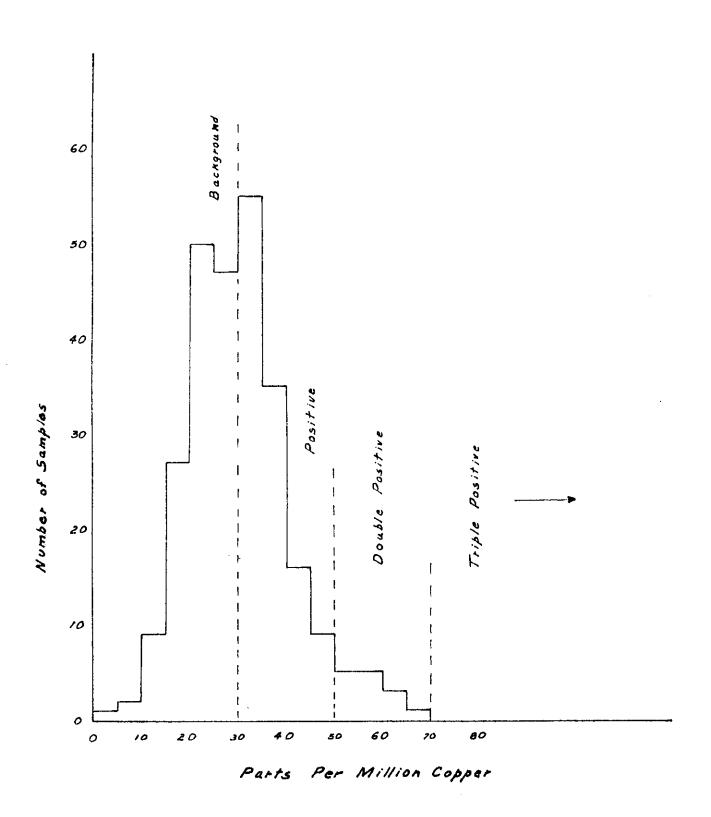
No: of Samples
244
21
2
3

270

Results of the ppm assays for Mo show that no significant amounts of the element are present in the soil.

HISTOGRAM

SHOWING RESULTS OF PRELIMINARY SOIL SAMPLE DATA



HISTOGRAM

The number of soil samples taken was plotted against a ppm range of 5. As shown on the histogram, the following ranges were established for the soil in the area of the L & M claims.

Background	0 -	30	ppm	Copper
Positive	31 -	50	ppm	Copper
Double Positive	51 -	70	ppm	Copper
Triple Positive	>	70	ppm	Copper

DISCUSSION

(please refer to Figure 1 in back pocket)

Background in the area of the L & M claims has been established at 30 ppm Copper, by using a statistical breakdown of the preliminary soil sample survey data (Please see Histogram following page 5). Although all soil samples taken in the preliminary survey were assayed for ppm Molybdenum, no similar interpretation was attempted for this element, because of the extremely low ppm values.

The geochemical survey has outlined a copper-anomalous zone on L & M No's 3 and 4 mineral claims, bounded approximately by lines 9W and 12W and by lines 6S and 10S, an area of approximately 600 feet by 800 feet.

Several smaller anomalies were outlined. These occur as follows:

- 1) On L & M No. 4, bounded by lines 6W and 9W, and lines 11S and 13S.
- 2) On line 20W, at 6S, L & M No. 1
- 3) Line 16W, 8S, L & M No. 2
- 4) Between lines 16W and 20W, and lines 12S and 13S, L & M No. 2

The anomalies described above represent areas where the parts per million copper content in the soil exceed 50 ppm.

The main copper-anomalous zone occurs in the vicinity of outcrops whose leached surface fractures are mineralized with trace amounts of bornite and chalcopyrite. The significance of the soil anomalies can be easily determined by surface stripping and/or trenching and channel sampling fresh outcrop material.

PRELIMINARY SOIL TEST SURVEY

L & M CLAIM GROUP

QUILCHENA, B.C.

Sample No: Base Line	Depth	Description of Soil	Remarks
E 1	811	Sandy soil	
E 2	80	Brown, sandy soil	
E 3	613	Humus	
E 4	4"	Humus	Top of bedrock
E 5	411	Humus	+4' W of flagging
E 6	12"	Brown loam	
£E 7	12"	Loam	
E 8	12"	Loam	W of a diorite o/crop
E 9	12**	Brown loam	
E10	4"	Grayish, sandy soil	
E11	10"	Brown loam	
E12	1211	Brown loam	
E13	10"	Light brown loam	
E14	811	Sandy soil	
E15	10"	Sandy soil	
E16	12"	Grayish brown loam	
E17	10"	Grayish brown loam	
E18	12"	Grayish brown loam	
E19	6**	Sandy soil	
E20	12"	Grayish brown loam	
W20	10"	Grayish brown loam	
W19	80	Grayish brown sandy	loam
W18	811	Grayish brown soil	

Sample No: Base Line	Depth	Description of Soil	Remarks
Dase Mus	Depun	Door 1 point of boil	
W17	12"	Grayish loam	
w16	10"	Grayish loam	
W15	811	Brownish-gray soil	
W14	611	Grey-sandy soil	
W13	10"	Grey-sandy soil	
W12	811	Grayish brown loam	N bank of creek
W11	6"	Light brown soil	
W10	80	Dark humus)
w 9	10"	dark brown humus) Road
w 8	1231	Dark brown loam	
w 7	13"	Dark brown loam	
w 6	12"	Grayish Brown, sandy	r soil
W 5	10"	Light brown loam	
W 4	10"	Brown loam	•
W 3	10"	Brown loam	
W 2	10"	Dark humus	
W 1	10"	Brown loam	
0-00	10"	Sandy soil	
Line W 20			
TM 1	6"	Brown, sandy soil	
TM 2	10"	Brown, sandy soil	
TM 3	10"	Grayish brown loam	
TM 4	611	Grayish brown, sandy	soil
TM 5	6"	Brown, sandy soil	
TM 6	611	Brown, sandy soil	
TM 7	811	Grayish sandy soil	
TM 8	811	Brown, sandy soil	
TM 9	611	Brown, sandy soil	
TM10	611	Brown, sandy soil	

Sample No:		
Base Line	Depth	Description of Soil Remarks
TMIL	611	Brown, sandy soil
TM12	811	Brown loam
TM13	611	Sandy soil
TM14	12"	Sandy, grayish soil
TM15	10"	Sandy, gravish soil)
TM16	10"	Sandy, Grayish soil) 500' apart - lake
TM17	10"	Sandy clay
TM18	10"	Grayish black, sandy
TMI9	1011	Grayish, sandy soil
TM20	10"	Brown, sandy soil
TM21	811	Brown, sandy soil
TM22	611	Brown, sandy soil
TM23	811	Sandy soil
TM24	811	Sandy soil
Line W 18		
TM25	811	Sandy soil
TM26	611	Grayish sandy soil
TM27	12"	Brownish sandy soil
TM28	611	Sandy soil
TM29	611	Sandy soil
TM30	6"	Sandy soil
TM31	6"	Sandy soil
TM32	811	Sandy soil
TM33	811	Sandy soil
TM34	811	Brown-Gray Sandy soil
TM35	10"	Brown-Gray Sandy soil
TM36	10"	Brown-Gray Sandy soil
TM37	6"	Brown-Gray Sandy soil
TM3 ⁸	10"	Brown-Gray Sandy soil

Sample No: Base Line	Depth	Description of Soil	Remarks
TM39	10"	Brown-gray sandy soil	
TM40	10"	Brown-gray sandy soil	
TM41	811	Brown-gray sandy soil	
TM42	811	Brown-gray sandy soil	
TM43	10"	Brown-gray sandy soil	
TM44	10"	Brown-gray sandy soil	
TM45	10"	Brown-gray sandy soil	
TM46	1011	Brown-gray sandy soil	
TM47	10"	Brown-gray sandy soil	
TM4 ⁸	10"	Fine sandy soil	
TM49	12"	Fine sandy soil	
Line W 16			
TM50	10"	Fine sandy soil	
TM51	1011	Brownish loamy soil	
TM52	10"	Brownish loamy soil	
TM53	10"	Brownish loamy soil	
TM54	12"	Brownish loamy soil	
TM55	10"	Sandy soil	
TM56	10"	Sandy soil	
TM 57	10"	Sandy soil	
TM5 ⁸	10"	Sandy soil	
T M59	10"	Sandy soil	
TM60	10"	Sandy soil	
TM61	10"	Sandy soil	
TM62	611	Sandy soil	
TM63	10"	Sandy soil	
TM64	10"	Sandy soil	
TM65	10"	Sandy soil	
TM66	811	Sandy soil	
TM 67	811	Sandy soil	
TM68	10"	Black, sandy soil	

Sample No: Base Line	Depth	Description of Soil	Remarks
TM69	10"	Black, sandy soil	
TM70	811	Black, sandy soil	
TM71	10"	Black, sandy soil	
TM72	611	Black, sandy soil	
TM73	6"	Black, sandy soil	
Line W 15			
TM74	10"	Black, sandy soil	
TM75	10"	Black, sandy soil	
TM76	10"	Black, sandy soil	
TM77	1011	Brown, sandy soil	
TM 78	80	Brown, sandy soil	
TM79	10"	Brown, sandy soil	
TM80	10"	Brown, sandy soil	
TM ⁸ 1	811	Brown, sandy soil	•
TM ⁸ 2	811	Brown, sandy soil	
TM83	6''	Brown, sandy soil	
TM ⁸ 4	811	Brown, sandy soil	
TM ⁸ 5	6"	Brown, sandy soil	
TM ⁸ 6	6 ^H	Brown, sandy soil	
TM ⁸ 7	811	Brown, sandy soil	
1M88	611	Brown, sandy soil	
TM89	6"	Brown, sandy soil	
TM90	811	Brown, sandy soil	
TM91	811	Brown, sandy soil	
TM92	811	Brown, sandy soil	
TM9 3	6"	Brown, sandy soil	
TM94	811	Brown, sandy soil	
TM95	811	Brown, sandy soil	

Sample No: Base Line	Depth	Description of Soil	Remarks
Line W 14			
TM96	6"	Dark brown humus	
I M97	811	Dark brown humus	
TM9 ⁸	611	Dark brown humus	
TM99	611	Sandy soil	
TM100	611	Sandy soil	
TM101	611	Sandy soil	
TM102	611	Sandy soil	
TM103	180	Sandy soil	
Line W 12			
TM104	12"	Light brown loam	
TM105	811	Sandy soil	
TM106	12"	Sandy soil	
TM107	811	Sandy soil	
TM108	12"	Loam	
TM109	12"	Sandy soil	
TMU0	12"	Loam	
TM111	811	Sandy soil	
TM112	12"	Sandy soil	
TM113	12"	Sandy soil	
TM114	12"	Sandy soil	
TM115	10"	Sandy soil	
тм116	12"	Sandy soil	
TM117	611	Sandy soil	
TM118	10"	Sandy soil	
TM119	10"	Sandy soil	
TM120	811	Sandy soil	
TM121	10"	Sandy soil	
TM122	12"	Sandy soil	

Sample No: Base Line	Depth	Description of Soil Remarks
TM123	12"	Sandy soil
TM124	8 H	Humus
TM125	12"	Brown sandy soil
TM126	12"	Brown sandy soil
TM127	12"	Brown sandy soil
TM128	12**	Brown sandy soil
TM129	121	Brown sandy soil
TM130	10"	Brown sandy soil
TM131	10"	Brown sandy soil
TM132	10"	Brown sandy soil
TM133	1011	Brown sandy soil
Line W 13		
TM134	8 11	Brown sandy soil
TM135	811	Brown sandy soil
TM136	8::	Brown sandy soil
T M137	6''	Brown sandy soil
TM138	811	Brown sandy soil
TM139	10"	Brown sandy soil
TM140	1211	Brown sandy soil
TM141	10"	Brown sandy soil
Line W 11		
TM142	811	Grayish-Brown, sandy soil
TM143	10"	Grayish-Brown, sandy soil
TM144	12"	Grayish-Brown, sandy soil
TM145	10"	Brown, sandy soil
TM146	12"	Brown, sandy soil
TM147	12"	Brown, sandy soil
TM148	121	Brown, sandy soil
TM149	12"	Brown, sandy soil
TM150	12"	Brown, sandy soil

Sample No: Base Line	Depth	Description of Soil	Remarks
TM151	10"	Brown, sandy soil	
TM152	12"	Brown, sandy soil	
TM153	10"	Brown, sandy soil	
TM154	10"	Grayish Brown, Sandy soil	
TM155	10"	Grayish Brown, Sandy soil	
TM156	10"	Grayish Brown, Sandy soil	
TM157	811	Grayish Brown, Sandy soil	
TM158	12"	Grayish Brown, Sandy soil	
TM159	10"	Grayish Brown, Sandy soil	
TM160	611	Grayish Brown, Sandy soil	
TM161	12"	Grayish Brown, Sandy soil	
TM162	1211	Grayish Brown, Sandy soil	
TM163	12"	Grayish Brown, Sandy soil	
TM164	12"	Grayish Brown, Sandy soil	
TM165	12"	Grayish Brown, Sandy soil	
TM166	12"	Grayish Brown, Sandy soil	
TM167	12"	Grayish Brown, Sandy soil	
TM168	12"	Grayish Brown, Sandy soil	
TM169	12"	Loam	
TM170 Line W 10	10"	Grayish Brown, Sandy soil	
TM171	12"	Grayish Brown, Sandy soil	
TM172	10"	Grayish Brown, Sandy soil	
TM173	611	Grayish Brown, Sandy soil	
TM174	12"	Grayish Brown, Sandy soil	
TM175	12"	Loam	
TM176	12"	Loam	
TM177	12"	Brown sandy soil	
TM178	12"	Brown sandy soil	
TM179	12"	Brown sandy soil	
TM180	10"	Brown sandy soil	

Sample No:			
Base Line	Depth	Description of Soil	Remarks
TM181	12"	Candra anil	
		Sandy soil	
TM1 ⁸ 2	12"	Sandy soil	
TM1 ⁸ 3	10"	Sandy soil	
TM1 ⁸ 4	10"	Sandy soil	
TM1 ⁸ 5	12"	Sandy soil	
TM186	6 11	Sandy soil	
TM1 ⁸ 7	1211	Sandy soil	
TM188	12"	Sandy soil	
TM1 ⁸ 9	12"	Sandy soil	
TM190	1211	Sandy soil	
TM191	1211	Sandy soil	
TM192	1011	Sandy soil	
TM193	10"	Sandy soil	
TM194	10"	Sandy soil	
TM 195	12"	Sandy soil	
TM196	1211	Sandy soil	
TM 197	10"	Sandy soil	
TM198	10"	Sandy soil	
TM199	. 10 ¹¹	Sandy soil	
TM200	6"	Sandy soil	
TM201	12"	Sandy soil	
Line W 9			
TM202	10"	Sandy soil	
TM203	10"	Sandy soil	
TM204	10"	Sandy soil	
TM205	10"	Sandy soil	
TM206	10"	Gray Brown sandy soil	
TM207	10"	Gray Brown sandy soil	

Sample No: Base Line	Depth	Description of Soil	Remarks
TM204	10"	Gray Brown sandy soil	
TM209	10"	Gray Brown sandy soil	
TM210	10"	Gray Brown sandy soil	
TM211	10"	Gray Brown sandy soil	
TM212	12"	Gray Brown sandy soil	
TM213	1011	Gray Brown sandy soil	
TM214	141:	Gray Brown sandy soil	
TM215	10"	Gray Brown sandy soil	
TM216	12"	Gray Brown sandy soil	
TM217	12"	Gray Brown sandy soil	
TM218	611	Gray Brown sandy soil	
TM219	12"	Gray Brown sandy soil	
TM220	12"	Gray Brown sandy soil	
TM221	1011	Gray Brown sandy soil	•
TM222	14**	Gray Brown sandy soil	
TM223	811	Gray Brown sandy soil	
TM224	NS	No Sample (road)	
TM225	NS	No Sample (road)	
TM226	14"	Gray Brown sandy soil	
TM227	14"	Gray Brown sandy soil	
TM228	12"	Gray Brown sandy soil	
TM229	10"	Gray Brown sandy soil	
TM230	12**	Gray Brown sandy soil	
TM231	12"	Gray Brown Sandy soil	



BONDAR-CLEGG & COMPANY LTD. Manufacture Constitution of the Consti

1500 PEMBERTON AENUE, NORTH VANCOUVER, B.C. PHONE 988-5315

GEOCHEMICAL LAB REPORT

No: 2-38-7 ...

Mo - pyrosulphate fusion

Extraction Su - Mot HCL-MNO

Mo - Colorimetrically

Method Cu - Atomic absorption

From Dolmage Campbell & Associates

Date July 6

Fraction Used - 80 mesh

Analyst V. James E. Paski

SAMPLE NO.	ppm Gu	p pm Mo	SAMPLE	NO.	ppm Cu	ppm Mo	REMARKS
E 1	23	2	W 13	(A)	24	2	ND-Not detected
2 2	14	2	₩ 13		24	1	
£ 3	15	1	W 14	427	3 6	1	
£ 4	5	1	₩ 15		20	1	
E 5	17	2	₩ 16		20	1	
E 6	17	2	7. 17		21	1	
E 7	19	2	w 18		22	1	
E 8	12	1	W 19		25	1	
Σ 9	10	1	W 20		21	1	
£ 10	7	ND	0-00		19	1	
Ξ 11	14	ND	TM-1		20	1	
Ξ 12	19	1	u 2		26	1	
£ 13	42	1	" 3		21	1	
E 14	25	ND	11 4		21	1	
E 15	36	СИ	" 5		23	1	
E 16	15	ND	" 6		17	1	-
E 17	11	1	n 7		31	2	
E 18	14	ND	n 8		36	1	
Ξ 19	11	ИО	" 9		42	1	
E 20	20	ND	" 1)	25	ND	
w 1	28	1		1	26]	
W 2	28	1 1	• • • • • • • • • • • • • • • • • • •	2	39	nd	
W 3	33	2	11 1		54	ND	
₩ 4	33	1	" 1		45	1	
¥ 5	23	2		5	34	1	
W 7	12	2		6	37	1	
w 8	21	1	" 1	7	41	1	
w 9	29	1		8	38	1	
₩ 10	36	1		9	29	ND	
W 11	19	3	" 2		35	6	
W 12	19	1	" 2		45	ر N	

SAMPLE NO.	ppm Cu	ppm i.o	SAMPLE NO.	ppm Cu	ppm Mo	REMARKS
TM ~ 22	3 8	1	FM=58	25	ND	
" 23	19]	" 59	22	ND	
" 24	49	1	" 60	30	1	
" 25	_34_	1	" 61	30	ND	
" 26	25	1	" 62	28	1	
" 27	_33_	2	" 63	32	ND	
	20	2	" 64	32	_ND	
" 29	70	1	" 65	_60	11	
" 30	30	1	" 66	29	ND	
" 31	39	1	" 67	34	3	
" 32	48	СК	" 68	33	ИD	
" 33	38	1	" 69	36	ND	
"34	3 8	1	" 70	29	ND	
" 35	34	MD	" 71	29	1	
" 36	31	1	" 72	3 5	1	
" 37	37	СИ	" 73	83	ИD	
" 38	34	GØ	" 74	36	_ מא	
" 39	33	1 -	" 75	29	ND	
" 40	28	11	" 76	27	1	
" 41	26	1	" 77	33	ND	
" 42	34	СИ	H 78	32	ND	
" 43	24	1	" 79	27	ND	
" 44	22	ND	" 8D	25	ND	
" 45	19	1	" 81	31	ND	
" 46	22	ND	" 82	36	ИD	The state of the s
" 47	20	NO	" 83	29	СИ	
" 48	22	1	" 84	38	ND	
" 49	25	1	" 85	26	ND	
" 50	13	1	" 85	29	ND	· · · · · · · · · · · · · · · · · · ·
" 51	20	ND	n 87	43	ND	
" 52	26	ND	" 88	22	ND	
" 53	31	ND	" 89	24	<u>N</u> D	
" 54	_20_	1	<u>"</u> 90	28	_ND	
" 55	16	ДИ	" 9	27	_ND	
" 56	22	ND	" 92	18	ND	
" 57	31	ND	" 98	24	ND	

SAMPLE	NO.	ppm Cu	ppm Mo	SAMP	LE NO.	ppm Cu	ppm Mo	REMARKS
TM-9	4	45	ND	TM-1	30	38	1	
9	5	27	CM	, <u>1</u>	31	37	ND	
11 9	6	20	ND	• 1	32	37	ИD	
<u>"</u> 9	7	29	ND	<u></u> 1.	33	3 9	GN	
	8	31	GZ		34	7 8	1	
	9	25	СИ	 11]	35	43	ПD	
" 1	00	23	СИ	" [36	39	ND	
*1 1	01	22	GK	" 13	3 7	37	ND	
	Q2 ₋	23	GN	¹¹ 1	33	44	СИ	
	03	21	ND	" 13	9	37	NĒ:	i
_ " 1	04	29	ND	" 14	1 0	50	1	
1	05	25	2	" 14	1	50	ND	
n 1	06	20	ND	" 14	2	29	1	
n 1	07	31	Q <u>R</u>	 " 14	3	43	1	
<u> </u>	08	30	ND	" 10	4	45	ND	
n 19	09	.32	_ ND	 " 14	5	31	1	
<u> </u>	10	29	_ND	" 14	6	33	ND	
" 1	11	23	_ GN_	" 14	7	39	ND	
" 1	12	33	ND	 " 14	8	24	ND_	
" 1	13	33	ND	" 14	9	31	ND	
<u> </u>	14	43	ND	" 15	0	42	1	
n 1:	15	51	ND	 " 15	1	36	1	
н 1	16	64	ND.	 " 15	2	47	1	
<u>" 1</u>	17	55	MD	" 15	3	31	4	
" 11	18	5 7	GN	" 15	4	65	1	
" 11	19	106	ND	 " 15	5	65	1	
" 12	20	56	2	" 15	6	37	1	
FF 12	21	34	4	" 15	7	41	6	
*t 12	22	34	ND	" 15	8	29	3	
" 12	23	40	ND	" 15	9	117	ND	
" 12	.4	29	1	" 16	0	56	ND	
" 12	25	24	ND	 " 16	1	34	ND	
" 12	.6	42	ND	" 16	2	50	ND	
" 12	7	32	ND	 " 16	3	34	ND	
" 12	8	24	GN	 " 16	4	32	ND	
" 12	9	49	СИ	" 16	5	46	ND	

DONDAK-GIRKGCENEGONIKANYEREI

SAMPLE NO.	ppm	ppm	SAMPLE NO.	ppm Cu	ppm Mo	REMARKS
TM-166	26	ND	TM-202	49	1	
" 167	26	ND	" 203	37	МЭ	
<u>" 168 </u>	22	ДИ	" 204	29	1	
" 169	20	ND	" 205	35	1	
" 170	30	1	" 206	30	1	
171	23	ND	" 207	26	ND	
" 172	31	ND	" 208	24	2	
" 173	23	GN	" 209	25	ND	
" 174	25	ND	" 210	31	ND	
" 175	20	NO	" 211	31	1	
" 176	23	ND	" 212	24	1	
<u>"</u> 177	22	МÐ	" 213	37	3	
"_ 178	31	ND	" 214	32	1	
" 179	17	1	" 215	57	2	
" 180	20	ND	" 216	35	1	
" 181	40	ND	" 217	3 5	ND_	
" 182	26	ND	" 218	37	1	
" 183	40	ND	" 219	37	ND	And MANAGE 197
" 184	35	ND	" 220	26	1	
" 185	32	ИD	" 221	28	1	
" 186	75	ND	" 222	26	1	
" 187	28	ND	" 223	33	ND	
" 188	21	_6	" 226	23	3	
" 189	24	ND	" 227	32	1	<u> </u>
" 190	32	ИD	" 228	38	ND	
" 191	34	ND	" 229	23	1	
" 192	53	ОИ	" 230	28	ND	
" 193	51	ND	" 231	35	ND 	
" 194	30	ND				
" 195	_30	ND				
" 196	34	ND			<u>-</u>	
" 197	32	ND				
" 198	_28	_ND				
" 199	37	GR				
" 200	44	1				
" 201	35	1				

BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVENUE, NORTH VANCOUVER, B.C. PHONE 988-5315

GEOCHEMICAL LAB REPORT

No: 2-147-7

Extraction Hot HNO 3-HOL

Method Atomic Absorption

From Associated Geological Services Date August 31

19 67

Fraction Used -80 mesh

Analyst E. Paski

Fraction Used = **()	mesn	Analyst ^E	. raski			
SAMPLE NO.	ppm Cu	SAMPLE NO.	ppm Cu	REMARKS		
A9009 13W 22S	20	A9246 WO S7	24			
A9010 13W 23S	23	∆9247 W1 S7%	1.4			
A9011 13W 24S	23	A9248 42 S7 2	14	,		
A9012 13W 253	20	∆9249 W3 S7½	20			
A9013 13W 26S	26	A9250 X4 S7\frac{1}{2}	61			
A9014 13W 273	24	89201 85 S72	44			
A 5 13W 28S	Γσ	∆9251 ./6 \$7½	20			
A9016 13W 29S	31	A9252 W7 S712	50	<u> </u>		
A9017 13W 30S	31	A9037 W7 S8	21			
A9018 13W 31S	33	a9038 47 S9	19			
A9019 13W 32S	35	A9039 W7 S10	29			
A9020 13W 33S	19	A9040 47 S11	24			
A9021 13W 34S	45	A9041 W7 S12	124			
A9022 13W 35S	20	A9042 W7 S13	27			
A9023 13W 36S	20	A9043 W7 314	20			
A9024 13W 37S	14	A9044 W7 S15	26			
A9245 E1 S7½	19	A9045 77 S16	1.6			
A9244 E2 S72	7	A9046 v7 S17	20			
A9243 E3 S72	11	A9047 N7 S18	26			
A ^c '4 E4 S7½	19	A9048 W7 S19	29			
A9242 E5 S71	16	A9049 W7 S20	28			
A9241 E6 S7½	29	A9050 W7 S21	33			
<u>A</u> 9240 E7 S72	26	A9051 W7 S22	25			
A9239 E8 S7,2	- 43	A9052 W7 S23	35			
A9238 E9 S75	26	A9053 W7 S24	34			
A9237 E10.S7	15	A9054 N7 \$25	38			
A9236 E11 S7½	23	A9055 W7 S26	- 26			
A9235 E12 S7½	19	A9056 W7 S27	12			
A9234 E13 S7½	26	A9057 W7 S28	32			
A9233 E14 S7½	1.7	A9058 W7 S29	30			
A9232 E15 S7½	14	A9059 W7 \$30	24			

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Page No.

SAMPLE NO.	ppm Cu	SAMPLE	NO.	ppm Cu	REMARKS
A9060 W7 831	40	A9271	117/ 335	23	
A9061 W7 S32	34	A9272	11W 3/43	19	
A9253 W8 S75	23	A9202	114 353	22	
A9001 W9 S15	34	A9273	117/363	20	
Λ9143 W9 S17	21	Α9002	11W 37S	19	
A9142 %9 S18	27	A9129	w9 S31	143	
A9141 W9 S19	29				
Δ <u>0140</u> √9 820	20				
A0130 40 S21	35				
A9138 W9 S22	35				
_s 137 ₩9 S23	22				
A>136 W9 S24	28				
A9135 W9 S25	29				
A9134 W9 S26	31				
A9131 W9 327	19				
V0133 A0 238	21				
A9132 W9 S29	24				
A9130 ¥9 S30	28				
A9128 W9 S32	1.7				
A9254 11W 16S	46				
A9255 11W 17S	2.5	· · • · · • · · · · · · · · · · · · · ·			
A9256 11W 183	28				
A9257 11W 19S	41				
A9258 11W 20S	26				
A2259 11W 21S	23				
A9260 11W 22S	20				
49261 11W 23S	26				
A9262 11W 243	36				
A9263 11W 258	35				
A9264 LLW 263	32				
A9265 11W 27S	26				
A9266 11W 28S	35	_			
A9267 L1W 295	3/4				
A9268 11W 30S	40		· · · · · · · · · · · · · · · · · · ·		
A9269 LIW 31S	30				
A9270 LIW 323	30				and the latest and th

STATEMENT OF QUALIFICATIONS

I, T. D. Wilkinson, with business address in Vancouver, British Columbia, and residential address in Port Moody, British Columbia, do hereby certify that:

- 1. I am a mining technologist.
- 2. I am a graduate of the British Columbia Institute of Technology (Dipl. Tech. 1966)
- 3. From 1957 until 1968 I have been engaged in mining and mining exploration in British Columbia as Party Chief and Project Manager for a number of companies, including Phelps Dodge Corporation (1962-1963), Dolmage, Mason and Stewart Ltd (1964), Native Mines Ltd., (1965-1966) and Associated Geological Services Ltd (1967)
- 4. I personally participated in carrying out the field work, and have assessed and interpreted all the data concerned with the geochemical survey on the property.

Respectfully submitted,

1.0. William

T. D. Wilkinson, Dipl. Tech.

Vancouver, British Columbia March 13, 1968

CERTIFICATE

- I, R. S. Adamson, with business address in Vancouver, British Columbia, do hereby certify that:
- 1. I am a professional engineer registered in the Province of British Columbia.
- 2. I have examined the geochemical report by T.D. Wilkinson Dipl. Tech., on the L & M Claims, 15 Miles East of Quilchena, B.C. in the Nicola Mining Division.
- 3. To the best of my knowledge the interpretation of data and expenditures claimed for the performance of the geochemical survey is correct.

Respectfully submitted,

R. S. Adamson, P.Eng.,

Vancouver, British Columbia March 15, 1968

