520555

ESPERANZA EXPLORATIONS LTD.

PROPERTY EXAMINATION REPORT

ON THE

TRIFAUX PROSPECT
QUESNEL MINING DIVISION

N.T.S. 93A/13

Latitude 52°59'N Longitude 121°53'W

March, 1980

John Jenks

TABLE OF CONTENTS

INTRODUCTION

Three days were spent traversing the Trifaux Prospect east of Quesnel, B.C. (June 8-10, 1979). A conformable Alpine-type lens of peridotite intrudes a steeply dipping sedimentary sequence of black shales and impure quartzites, producing a skarn-type of alteration along its southwestern margin.

High geochemical values by Trifaux are probably explained by the high background metal contents of the peridotites and the black shales. No mineralization of economic significance was observed.

LOCATION, ACCESS, TOPOGRAPHY

Approximately 30 road-miles east of Quesnel, B.C. Access via the Barkerville highway and to Mile 10 along the Swift River logging road.

Very heavily wooded, thick underbrush. Water plentiful. Located along a southern slope of Sovereign Mountain. Elevation ranges from 4000 to 4500 feet.

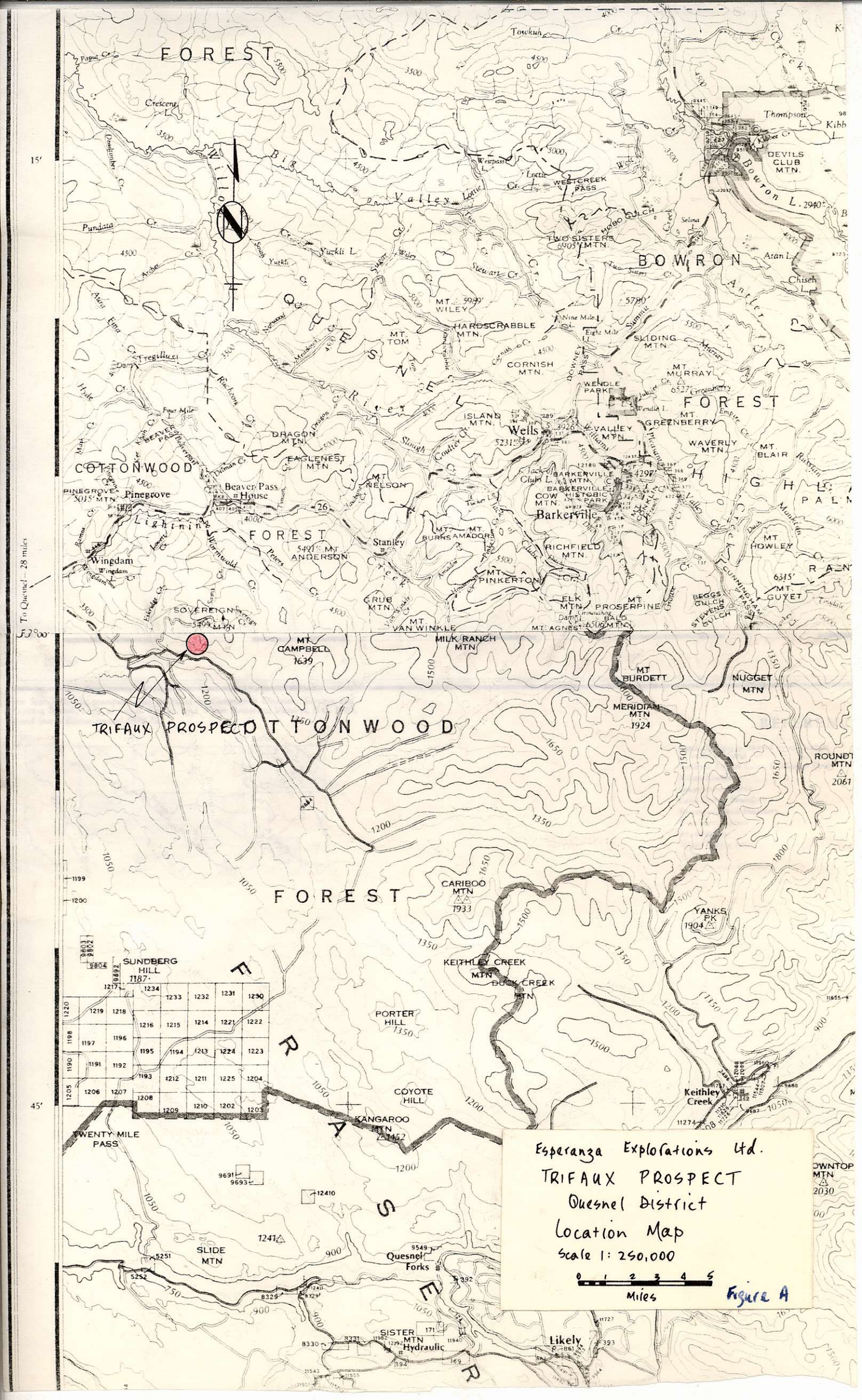
HISTORY AND OWNERSHIP

No record of previous mining activity. Two shallow pits present resulting from rock quarrying probably for use in road construction.

Ground held by R. Trifaux.

GEOLOGY AND MINERALIZATION

The prospect was brought to the Company's attention by Mr. R. Trifaux who, as a result of a number of geochemical samples taken, felt he had a property of considerable geologic merit.



Esperanza Explorations Ltd.

TRIFAUX PROSPECT

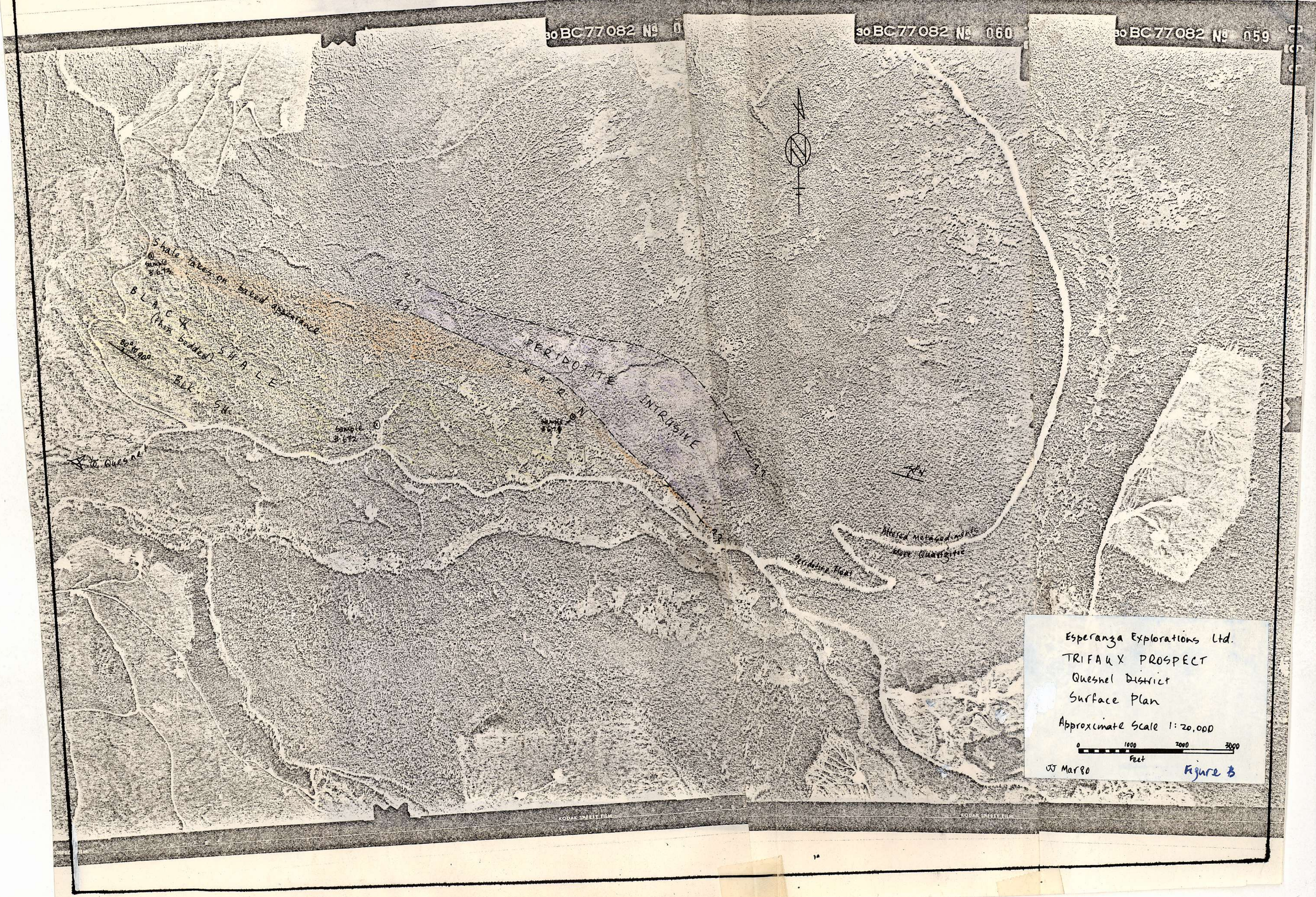
Quesnel District

Location Map

Scale 1: 250,000

0 1 2 3 4 5 Miles

Figure A


30 BC77082 No 060
30 BC77082 No 059
N
Shale takes on baked appearance
sample #673
BLACK SHALE
(thin bedded)
80° to 90°
BLK SH
to Quesnel
sample #672
SKARN
sample #674
PERIDOTITE INTRUSIVE
Altered metasediments
More Quartzitic
Peridotite Float
Esperanza Explorations Ltd.
TRIFAUX PROSPECT
Quesnel District
Surface Plan
Approximate Scale 1:20,000
0
1000
2000
3000
Feet
JJ Mar 80
Figure B

Several days spent traversing the prospect established the presence of a small alpine-type, conformable lens of peridotite within a sequence of carbonaceous shales and quartzose shales.

The lens appears to be at least 8,000 feet in length and between 600 and 2000 feet in width and is conformable to the enclosing sediments which trend from 110° to 140° dipping between -50° and -90° to the northeast.

The peridotite varies from fine to medium grained, is dark green in colour and has undergone serpintinization in places. Thin veinlets of magnetite are common and occasional veins of crysotile asbestos.

Alteration of the shales has occurred along the southwestern contact. This may range from a slight baked appearance to a skarn type of alteration. The skarn is light grey, very fine grained with patches of pyrite and apple-green mariposite and the occasional bleb of pyrope garnet. Short veins of barite are frequently seen.

A slight variation in original rock composition results in a phyllitic schist type of alteration, grey in colour with a salt and pepper texture from quartz and sericite. Again, barite and mariposite are commonly seen. Closer to the contact talc content increases.

The shale in the vicinity of sample 672 has a particularly high carbon content.

CONCLUSIONS AND RECOMMENDATIONS

Examination of the prospect has not uncovered any indications of economic

mineralization nor any real evidence that such possibilities are present.

Mr. Trifaux maintains that his geochemical results suggest the presence of various elements in anomalous quantities, however it is felt that the prevalent rock types such as peridotite and black shales can, through their high background metal contents, well account for the higher than normal values produced through geochemical sampling.

For example, Hawkes and Webb (1962) list the following metal contents:

(ppm)	Cu	Pb	Zn	Ba	F	W	U	Ni
Black shales	20-300	20-400	50-2000	450-700	590	2	2-300	20-300
Ultramafics	80	±12	50	15	370	2	0.03	1200

No further interest is recommended for the prospect.

BIBLIOGRAPHY

Hawkes, H.E. and Webb, J.S.

1962: Geochemistry in Mineral Exploration; Harper and Row, N.Y.

APPENDIX

SAMPLES TAKEN

SAMPLES TAKEN

Sample No.	Location and Description	Assayed for	
671	Trifaux property - east of Quesnel. Altered quartzite with quartz, barite, pyrite, mariposite. N.T.S. 93A-B (Sample #5)	Au Ba	
672	Trifaux property. Black shale (Sample #8)	C Pb Zn Ba	 0.02% 0.02%
673	Trifaux property. Cooked black shale. (Sample #7)	C Pb Zn Ba	

Note: Values which are not filled in I have received no results for.

J. Jenks

APPENDIX B

LABORATORY REPORTS

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

14203 129 AVENUE EDMONTON ALBERTA T5L 4N9 TELEPHONE (403) 454-1504

DATE REPORTED: JULY 4, 1977 LABORATORY REPORT NUMBER: E77-6018

MR. R. TRIFAUX

DATE RECEIVED: JUNE 20, 1977 ANALYST: A. YOUSIF

SPECTROGRAPHIC SCANNING

LAB NUMBER	SAMPLE IDENTIFICATION	MAJOR	MODERATE	TRACE
E77-6018-2	DARK GREY ROCK	Mg Si	Fe	Mn, Cr, Ni, Ca Zn, Cu, Cd
E77-6018-3	LIGHT GREY ROCK	Si	Fe, Mg	Ni, Al, Cr
E77-6018-1	GRAPHITE ROCK	CARBON ASSAY 9.72%		

BONDAR-CLEGG & COMPANY LTD.
1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction F; Basic Fusion Pb,Zn; Hot Aqua Regia Ba; Multi Acid F; Specific Ion

Method Pb,Zn,Ba; Atomic Absorption

Fraction Used

Report No. 28 - 146

From Mr. R. Trifaux

Date April 28, 1978

SAMPLE NO.	Pb ppm	Zn ppm	Ba ppm	F ppm				REMARKS
CR1 1	24	108	175	560				
2	15	120	120	500				
CR3 1A	-	-	96	-				
1B	-	-	145	-				
2	14	164	65	-				
8	16	710	-	1100				
9	14	960	-	1040				
10	21	154	65	-				
15	20	550	185	-				
16	29	760	285	1700				
17	12	70	80	285				
20	12	73	105	-				
CR4 5C	23	360	52	910				

BONDAR-CLEGG & COMPANY LTD.
1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction: F; Basic Fusion; Zn; Hot Aqua Regia Ba; Multi Acid; F; Specific Ion
Method: Zn;Ba; Atomic Absorption
Fraction Used:

Report No. 28 - 156
From: Mr. R. Trifaux
Date: May 5, 19 78

SAMPLE NO.	Zn ppm	F ppm	Ba ppm		SAMPLE NO.				
CREEK 2 - 3	96	500	-						
4	110	295	-						
5	106	310	-						
6	110	320	-						
7	122	310	-						
8	112	260	-						
3 - 11	248 ✓	300	-						
12	126	480	-						
13	274 ✓	420	-						
14	110	425	-						
21A	76	435	-						
21B	62	370	-						
4 - 1	2160 ✓	610	730						
2	1920 ✓	700	-						
3A	1800 ✓	670	640						
3B	152	280	350						
4	156	470	-						
5B	308 ✓	540	710						
6	108	480	-						
7	186 ✓	850	-						

V-18

BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction W; Basic Fusion U; Hot HNO_3 Report No. 28 - 230

Method W; Colorimetric U; Fluorimetric From Mr. R. Trifaux

Fraction Used _____ Date June 1 19 78

SAMPLE NO.	W ppm	U ppm						REMARKS
CR1 - 1	4	0.8						
CR3 - 1A	4	0.6						
2	5	IS						
10	5	1						
17	5	24						
CR4 - 5C	4	0.8						
								IS denotes 'insufficient sample'

BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction W;Basic Fusion U; Hot HNO_3 Report No. 28 - 230A

Method W;Colourimetric U; Flourimetric From Mr. R. Trifaux

Fraction Used (Missing Samples) Date June 5, 1978

SAMPLE NO.	W ppm	U ppm						REMARKS
CR - 3 4	-	0.2						
CR - 4 5A	3	2						

BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction U; Hot HNO_3 W; Basic Fusion

Method U; Fluorimetric W; Colorimetric

Fraction Used

Report No. 28 - 230B

From Mr. R. Trifaux

Date June 9 19 78

SAMPLE NO.	U ppm	W ppm			SAMPLE NO.				
CR 2 - 3	0.4	-							
5	1	10							
7	2	-							
CR 3 - 13	1	-							
CR 4 - 1	1	-							
2	0.8	8							
3A	1	-							
3B	2	-							
6	0.6	-							

BONDAR CLEGG & COMPANY LTD.

Geochemical Lab Report

Report No. 27 - 1240 Page No. 2

SAMPLE NO.	Cu ppm	Ag ppm	Ni ppm	Co ppm	Cd ppm	F ppm	Ba ppm	REMARKS
CR4 - 3A	29	0.4	510	-	-	-	-	
3B	57	1.1	1570	-	-	-	-	
4	23	0.2	615	-	-	-	-	
5A	42	0.9	450	-	-	-	-	
5B	32	0.6	430	-	-	-	-	
5C	26	1.0	2500	-	-	-	-	
6	47	0.6	1640	-	-	-	-	
7	25	0.4	1540	-	-	-	-	

BONDAR-CLEGG & COMPANY LTD.
1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction: Ba; Multi Acids / Cu,Ag,Ni,Co,Cd; Hot Aqua Regia

Method: Ba,Cu,Ag,Ni,Co,Cd; Atomic Absorption

Fraction Used:

Report No. 27 - 1240

From: Mr. R. Trifaux

Date: Sept.22 19 77

SAMPLE NO.	Cu ppm	Ag ppm	Ni ppm	Co ppm	Cd ppm	F ppm	Ba ppm	REMARKS
CR1 - 1	43	-	136	-	1.2	-	-	
2	18	-	480	-	1.4	-	-	
CR 21- 3	42	-	64	-	-	-	-	
4	37	-	304	-	-	-	-	
5	35	-	307	-	-	-	-	
6	32	-	328	-	-	-	-	
7	35	-	308	21	-	-	-	
8	36	-	300	23	-	-	-	
3 - 1A	-	-	1650	-	-	630	-	
1B 3	-	-	480	-	-	600	-	
2	-	-	1420	-	-	680	-	
4	33	-	1320	-	-	-	200	
8	44	-	530	-	-	-	1100	
9	62	-	930	-	-	-	1000	
10	-	-	1270	-	-	600	-	
11	47	-	1960	-	-	-	250	
12	42	-	680	-	-	-	500	
13	44	-	1810	-	-	-	400	
14	30	-	460	-	-	-	550	
15	-	-	840	-	-	820	-	
16	80	-	820	-	-	-	-	
17	38	-	740	-	-	-	-	
18	14	-	330	-	-	-	-	
19	14	-	420	-	-	-	-	
20	14	-	405	-	-	530	-	
21A	14	0.2	380	-	-	-	-	
21B	11	0.2	275	-	-	-	-	
22	14	0.2	348	-	-	-	-	
4 - 1	44	0.8	580	-	-	-	-	
2	40	0.8	530	-	-	-	-	

BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction: Hot Aqua Regai

Report No.: 28 - 223

Method: Atomic Absorption

From: R. Trifaux

Fraction Used:

Date: May 30, 19 78

SAMPLE NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm				REMARKS
No - 1 - Gr - E	63	30	24	1.4				Monzonite. D.D.

BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction: Ba; Multi Acids Cu,Ag,Ni,Co,Cd; Hot Aqua Regia

Report No. 27 - 1240

Method: Ba,Cu,Ag,Ni,Co,Cd; Atomic Absorption

From: Mr. R. Trifaux

Fraction Used:

Date: Sept.22 19 77

SAMPLE NO.	Cu ppm	Ag ppm	Ni ppm	Co ppm	Cd ppm	F ppm	Ba ppm	Zn	REMARKS
CR1 - 1	43	-	136	-	1.2	560	175	108	24
2	18	-	480	-	1.4	500	120	120	15
2 - 3	42	-	64	-	-	-	500	96	
4	37	-	304	-	-	-	295	110	
5	35	-	307	-	-	-	310	106	
6	32	-	328	-	-	-	320	110	
7	35	-	308	21	-	-	310	122	
8	36	-	300	23	-	-	260	112	
3 - 1A	-	-	1650	-	-	630	96		-
1B	-	-	480	-	-	600	145		-
2	-	-	1420	-	-	680	65	164	14
4	33	-	1320	-	-	-	200		
8	44	-	530	-	-	1100	1100	710	16
9	62	-	930	-	-	1040	1000	960	14
10	-	-	1270	-	-	600	65	154	21
11	47	-	1960	-	-	300	250	248	
12	42	-	680	-	-	480	500	126	
13	44	-	1810	-	-	450	400	274	
14	30	-	460	-	-	425	550	110	
15	-	-	840	-	-	820	185	550	20
16	80	-	820	-	-	1700	285	760	29
17	38	-	740	-	-	285	80	70	12
18	14	-	330	-	-	-	-		
19	14	-	420	-	-	-	-		
20	14	-	405	-	-	530	105	73	12
21A	14	0.2	380	-	-	435	-	76	
21B	11	0.2	275	-	-	370	-	62	
22	14	0.2	348	-	-	-	-		
	501		16063			10410	5026	4334	138
4 - 1	44	0.8	580	-	-	610	730	2160	
2	40	0.8	530	-	-	700	-	1920	

BONDAR-CLEGG & COMPANY LTD.

Geochemical Lab Report

Report No. 27 - 1240 Page No. 2

SAMPLE NO.	Cu ppm	Ag ppm	Ni ppm	Co ppm	Cd ppm	F ppm	Ba ppm	Zn	REMARKS
CR4 - 3A	29	0.4	510	-	-	670	640	1800	p5
3B	57	1.1	1570 X	-	-	280	350	152	
4	23	0.2	615	-	-	470	-	156	
5A	42	0.9	450	-	-	-	-	308	
5B	32	0.6	430	-	-	540	710		
5C	26	1.0	2500 X	-	-	910	52	360	23
6	47	0.6	1640 X	-	-	480	-	108	
7	25	0.4	1540 X	-	-	850	-	186	

BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Geochemical Lab Report

Extraction F,W;Basic Fusion Cu,Pb,Zn,Ag,Ni;Hot Aqua Regia F; Specific Ion W; Colourimetric

Method Cu,Pb,Zn,Ag,Ni;Atomic Absorption Ba;X.R.F.

Report No. 28 - 328

From Mr. R. Trifaux

Fraction Used

Date June 16, 19 78

SAMPLE NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	W ppm	F ppm	Ba ppm	REMARKS
Iscal Creek 1	58	10	208	1.9	-	-	230	-	
2	67	6	258	1.6	-	-	175	-	
Iscal Creek #2 1	44	13	139	1.4	-	-	-	-	
2	-	-	154	-	284	-	-	-	
3	-	-	128	-	-	-	-	-	
4	-	-	125	-	324	-	-	-	
5	-	-	146	-	-	-	280	-	
6	-	-	130	-	289	-	230	830	
7	-	-	110	-	334	-	200	570	
8	-	-	105	-	-	-	220	620	
9	-	-	117	-	320	-	240	-	
10	36	13	108	1.2	314	6	-	-	

0-15

A.Trifan Boquitlam,British Columbi

Paper from the Book on Geochemical Exploration,special vo.II-1971 -The Canadian Institute of Mining and Metallurgy, entitled: "Primary Halos in Prospecting for sulphides deposits-by L.N. Ovchinnikov and S.V.Grigaryan-Institute of Mineralogy,Geochemistry, and crystallochemistry of the Rare elements,Moscow,USSR."

The paper describes the morphology and the nature of primary halos associated with a number of types of minerals deposits including the lateral and vertical zonation of a number of indicator elements.

I quote the following:

"Primary halos have proved useful in prospecting for a number of mineral deposits in the Soviet -Union-The success ratio attained when primary halos are used is high."

Comparison of endogenous geochemical halos around Zinc-Lead ore-bodies in skarn with chip samples analyses from my prospect.

Elements contents in disp.halos.	: Same elements from my prospect
As - 0,00I5- 0,003%	: As - 0,003%
Ba - 0,0I - 0,I %	: Ba - 0,08 -0,I-0,46%
Ag - 0,00003-0,000I %	: Ag - 0,003.
Pb-- 0,003 -0,0I %	: Pb - 0,0I8-0,058-0,I2%
Zn - 0,005- 0,0I %	: Zn - 0,0I -0,026%
Cu-- 0,003- 0,00I%	: Cu - 0,0I5-0,003%
Mo - 0,0003- 0,00I%	: Mo - not analyzed.

Note:I have the. Laboratory reports on my chip samples which have been taken in I977 and analyzed the same year.

I quote from the paper again:

" Intenses halos of barium,arsenic,antimony,are typical indicators of supra-ores sections and are detected by geochemical sampling."
" Copperis typical in both supra-ore and sub-ores profiles in lead--zinc deposits in skarns.

From the above comparisons betwemn the paper figures and the ones from my prospect,the dispersion halo clearly indicates not only a barium deposit but also lead-zinc and copper on my property.

R.Trifaux, Coquitlam, British Columbia.

Skarn Formation-Stream sediments geochemical survey analyses.
Summary of Bondar-Clegg Reports (part submitted to the Ministry of Mines of B.C. with the 1978 report and part with the 1978-1979 report.

Cr&Samp.Nos	Cu	Ag	Ni.	Co	Cd	F	Ba	Zn	Pb	UO3	W	
CreekI	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
No-I	43	-	I36	-	I.2	560	I75	I08	24	.8	4	
no-2	I8	-	480	-	I.4	500	I20	I20	I5	-	-	
Cr.no2 -3	42	-	64	-	-	500	-	96	-	-	-	
no-4	37	-	304	-	-	295	-	II0	-	-	-	
no-5	35	-	307	-	-	3I0	-	I06	-	-	-	
no-6	32	-	328	-	-	320	-	II0	-	-	-	
no-7	35	-	308	-2I	-	3I0	-	I22	-	-	-	
no-8	36	-	300	23	-	260	-	II2	-	-	-	
Cr.2.no-Ib	44	I.4	-	-	-	-	-	I39	I3	-	-	
no-2b	-	-	284	-	-	-	-	I54	-	-	-	
no-3b	-	-	-	-	-	-	-	I28	-	-	-	
no-4b	-	-	324	-	-	-	-	I25	-	-	-	
no-5b	-	-	-	-	-	280	-	I46	-	-	-	
no-6b	-	-	289	-	-	230	830	I30	-	-	-	
no-7b	-	-	334	-	-	200	570	II0	-	-	-	
no-8b	-	-	-	-	-	220	620	I05	-	-	-	
no-9b	-	-	320	-	-	240	-	II7	-	-	-	
no-I0b	36	I.2	3I4	-	-	-	-	I08	I3	-	6	
Cr.3-no-IA	-	-	I650	-	-	630	96	-	-	.6	4	
no-IB	-	-	480	-	-	600	I45	-	-	-	-	UO3-Chip
no-2	-	-	I420	-	-	680	65	I64	I4	4I	5	S.
no-4	33	-	I320	-	-	-	200	-	-	.2	-	
no-8	44	-	530	-	-	II00	II00	7I0	I6	I3	-	
no-9	62	-	930	-	-	I040	I000	960	I4	-	-	
No-I0	-	-	I270	-	-	600	65	I54	2I	I	5	
no-II	47	-	I960	-	-	300	250	248	-	-	-	
no-I2	42	-	680	-	-	480	500	I26	-	-	-	
no-I3	44	-	I8I0	-	-	420	400	274	-	-	-	
no-I4	30	-	460	-	-	425	550	II0	-	-	-	
no-I5	-	-	840	-	-	820	I85	550	20	-	-	
no-I6	80	-	820	-	-	I700	285	760	29	-	-	
no-I7	38	-	740	-	-	285	80	70	I2	24	5	
no-I8	I4	-	330	-	-	-	-	-	-	-	-	
no-I9	I4	-	420	-	-	-	-	-	-	-	-	
no-20	I4	-	405	-	-	530	I05	73	-	I2	-	
no-2IA	I4	0.2	380	-	-	435	-	76	-	-	-	
no-2IB	II	0.2	275	-	-	370	-	62	-	-	-	
no-22	I4	0.2	348	-	-	-	-	-	-	-	-	
Cr.4.no-I	44	0.8	580	-	-	6I0	730	2I60	-	-	-	
no-2	40	0.8	530	-	-	700	-	I920	-	-	-	
no-3A	29	0.4	5I0	-	-	670	640	I800	-	-	-	
no-3B	57	I.I	I570	-	-	280	350	I52	-	-	-	
no-4	23	0.2	6I5	-	-	470	-	I56	-	-	-	
no-5A	42	0.9	450	-	-	-	-	308	-	2	3	
no-5B	32	0.6	430	-	-	540	7I0	-	-	-	-	
no-5C	26	I.0	2500	-	-	9I0	52	360	23	.8	4	
no-6	47	0.6	I640	-	-	480	-	I08	-	-	-	
No-7	25	0.4	I540	-	-	850	-	I86	-	-	-	

Zn - 80.2
Pb - 2.5
Ba - soil 500 ppm
Hg - 0.01 ppm
ag .1 ppm in soil

Regional Threshold Cu - 30 ppm.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187. HAILEYBURY. ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 8111 DATE: July 19, 1977.

SAMPLE(S) OF: Rock(2) RECEIVED: July 19/77.

SAMPLE(S) FROM: R. Trifaux, Esq., 955, Cariboo Hwy No.97 N., Quesnel, B.C.

	Sample No.	% Copper	% Nickel	% Zinc	% Lead
			1300 PPM	100 PPM	120 P.P.M.
Green R skarn Do. Do.	4	0.015	0.13	0.010*	0.012*
Gray R Do. Do skarn	5	0.002	0.08	0.003	0.014

* No charge as not requested.

Primary Halo

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 7483

DATE: July 5, 1977.

SAMPLE(S) OF: Rock(2)

RECEIVED: June 30/77.

SAMPLE(S) FROM: R. Trilaux, Esq., No.510, 10140, 113 St., Edmonton, Alberta.

Skarn

Sample No.	Oz. Silver	% Nickel	% Cobalt	% Lead	% Zinc
2		0.12		0.018*	
3	Trace	0.064	N.D.**	0.058*	0.008*

* No charge as not requested.

** Not detected.

Primary Halo

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER ____

BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

9.

Certificate of Analysis

NO. 9975 DATE: September 2, 1977.

SAMPLE(S) OF: Rock(1) RECEIVED: September 1/77.

SAMPLE(S) FROM: R. Trifaux, Esq., 955, Cariboo Hwy No.97 N., Quesnel, B.C.

Skarn

Sample No.	% Nickel	% Cobalt	% Tungsten	% Molybdenum	% Lead	% Zinc
9	0.09	0.006	0.009	Nil	0.01*	0.007*

Primary Halo

2 Copies sent

* No charge as not requested.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 8748

DATE: August 3, 1977.

SAMPLE(S) OF: Rock(3)

RECEIVED: August 2-3/77.

SAMPLE(S) FROM: R. Trifaux, Esq., 955 Cariboo-Hwy No.97 N., Quesnel, B.C.

Skarn

Sample No.	% Copper	% Lead	% Zinc
6	0.003	0.016*	0.010*
7	0.003	0.033*	0.026*
8	0.003	0.006	0.006

* No charge as not requested.

Note: Molybdenum to follow.

Primary halo

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER ____________

BONDAR-CLEGG & COMPANY LTD.

II

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110

SEMI-QUANTITATIVE ANALYSIS

No: A27 - 451

Sample No. # 1 From: Mr. R. Thifaux

Method: X.R.F. Date: Aug. 30 1977

No. of Elements: 32 Analyst: Skarn

MAJOR ELEMENTS (%)	<.003	.003-.01	.01-.03	.03-0.1	0.1-0.3	0.3-1.0	1.0-3.0	3.0-10.0	> 10.0	REMARKS
SiO_2 Silicon									X	Skarn
Al_2O_3 Alum									X	
Total Fe (Fe_2O_3)								X		
MgO Magnesium								X		
CaO Calcium								X		
Na_2O Soda								X		
K_2O Potash							X			
TiO_2						X				
TRACE ELEMENTS (%)										
V			X							
Cr			X							
Mn				X						
Co	X									
Ni	X									
Cu		X								
Zn		X								
As	X									
Sr				X						
Y	X									
Zr	X									
Nb	X						Primary Halo			
Mo	X									
Ag	X									
Sn	X									
Sb	X									
Ba					X					
La	X									
Ce	X									
W	X									
Pb		X								
Bi	X									
Th	X									
U	X									