

GEOCHEMICAL REPORT  
ON THE  
RAY PROPERTY

SLOCAN MINING DIVISION, BC

NTS 82 F/ 10W

Latitude: 49° 40'N

Longitude: 116° 51'W

OWNER/OPERATOR:  
Klondike Gold Corp.  
#1000 - 675 West Hastings Street  
Vancouver, B.C.  
V6B 1N2

BY:  
P. SOUTHAM, P. Geo. (B.C.)

October, 1999

GEOLOGICAL SURVEY BRANCH  
SLOCAN DIVISION

26,054

## TABLE OF CONTENTS

LOCATION AND ACCESS	1
TOPOGRAPHY AND VEGETATION	1
PROPERTY STATUS	1
HISTORY	1
REGIONAL GEOLOGY	4
PROPERTY GEOLOGY	4
WORK PROGRAM	4
GEOCHEMICAL SURVEY METHOD	5
GEOCHEMICAL SURVEY RESULTS	5
SUMMARY AND CONCLUSIONS	9
<u>LIST OF TABLES</u>	
Table 1 - Claims List	1
Table 2 - Sample Data	4

## LIST OF FIGURES

Figure 1 - Property Location Map	2
Figure 2 - Claim and Grid Line Location Map	3
Figure 3 - Lead Geochemistry	6
Figure 4 - Zinc Geochemistry	7
Figure 5 - Magnetometer Survey	8

## APPENDICES

Appendix I - STATEMENT OF EXPENDITURES
Appendix II - STATEMENT OF QUALIFICATIONS
Appendix III - ASSAY RESULTS

LOCATION AND ACCESS

The property is located approximately 40 kilometers northeast of Nelson, BC on the east shore of Kootenay Lake (figure 1). The Ray claims are centered on 49° 40' north latitude and 116° 51' west longitude on NTS sheet 82F/10 or Mineral Titles Reference Map M082F066. It is accessible by paved highway into the village of Crawford Bay, BC.

TOPOGRAPHY AND VEGETATION

The topography of the area is rolling hills ranging in elevation from 520 meters (1706 ft.) above sea level (ASL) at the shore of Kootenay Lake to 940 meters (3083 ft.) ASL. The vegetation consists of economic stands of coniferous trees with underbrush of alders.

PROPERTY STATUS

The property (figure 2) consists of 4 four-post claims listed in Table 1.

**Table 1 - Claims List**

<u>CLAIM NAME</u>	<u>RECORD No.</u>	<u>UNITS</u>	<u>EXPIRY DATE*</u>	<u>OWNER</u>
Ray 1	358150	15	July 31/2000	KG
Ray 2	358151	12	Aug 1/2000	KG
Ray 3	358152	15	Aug 1/2000	KG
Ray 4	358153	2	Aug 1/2000	KG

\* With acceptance of this report.  
KG - Klondike Gold Corp.

HISTORY

The property is located 12 kilometers south of the former Bluebell Mine at Riondel, BC. The Bluebell ore deposit consisted of 5,702,000 short tons containing an average grade of 5.2% lead, 6.3% zinc, 1.7 ounce per ton silver 0.1% copper and 0.03% cadmium (M. W. Insley).

In 1973 and 1979 Cominco conducted geochemical surveys over an area south of the Ray claims which returned anomalous values of lead, zinc and silver along a roughly northwest trend. In addition, mineralized float was discovered in the area suggesting a local source is responsible for the geochemical anomalies (D. Brabec, 1979). Cominco tested the area with four shallow diamond drill holes totalling 300 meters. Only traces of sulphide mineralization were found in the drill core.

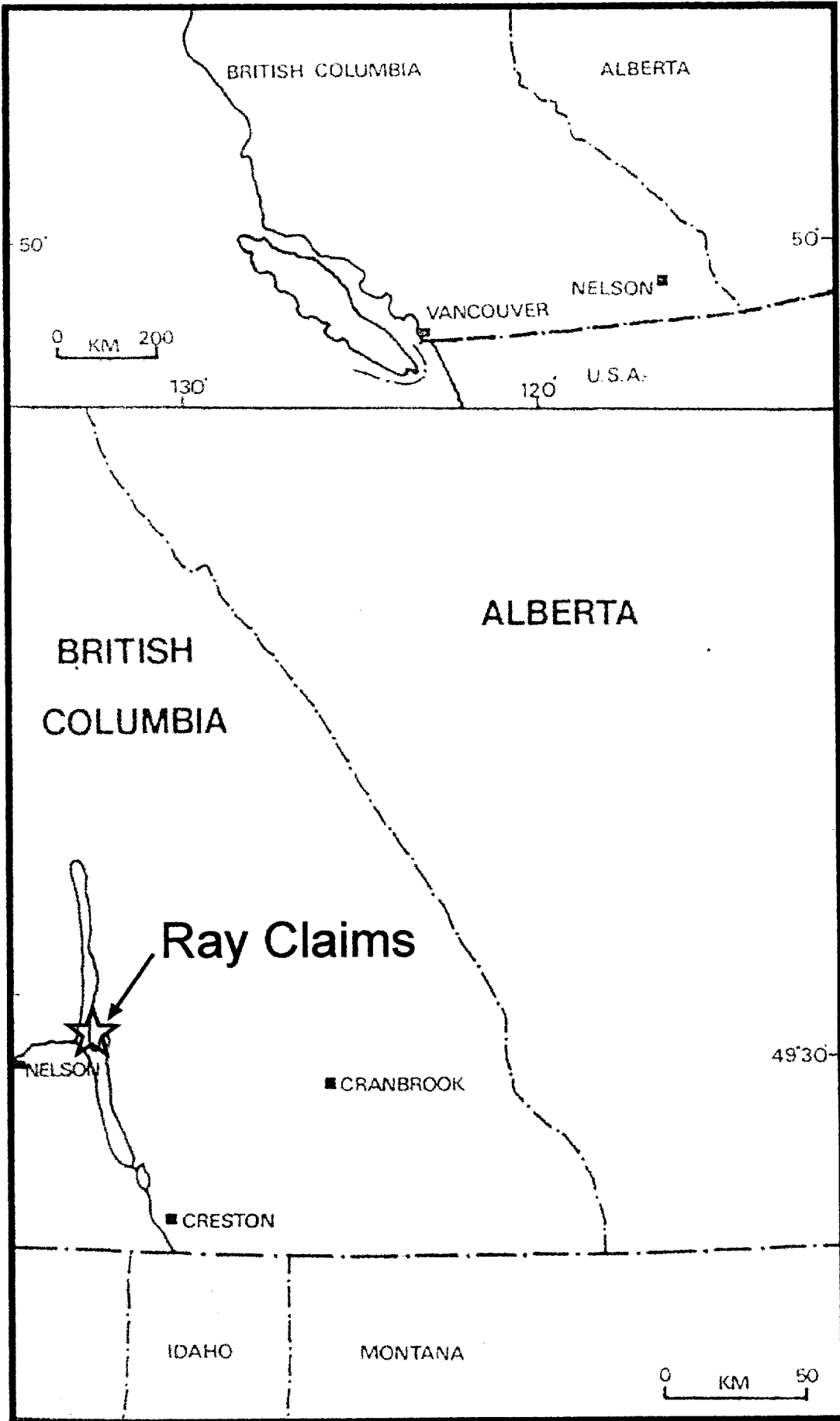


Figure 1. Property Location Map

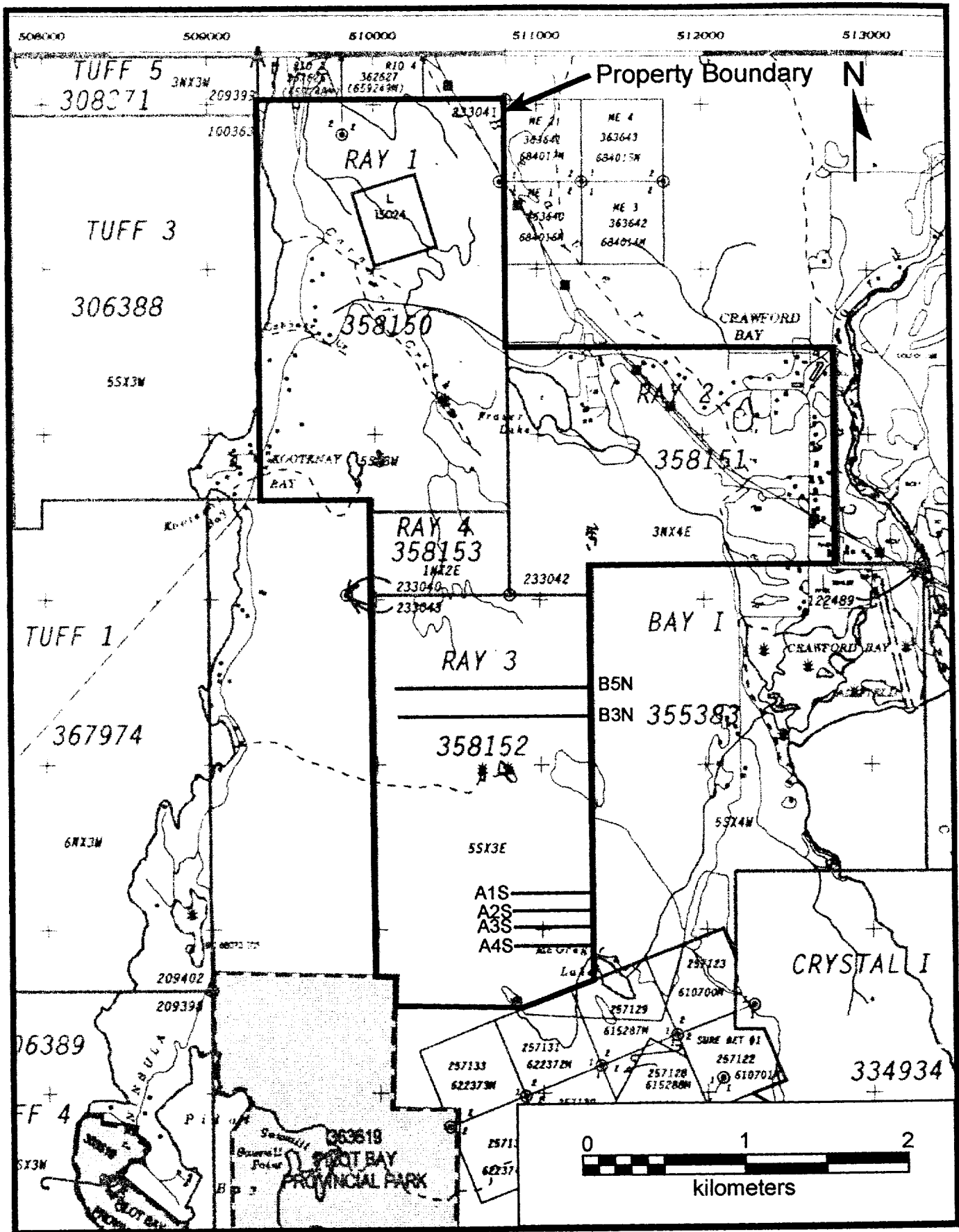


Figure 2. Claim and Grid Line Location Map

## REGIONAL GEOLOGY

The Crawford Peninsula forms part of the Kootenay Arc, an arcuate band of high grade metamorphic sediments in the Omineca Belt of the Canadian Cordillera (Wheeler et al., 1972). The stratigraphic sequence includes the fine grained clastics of the Purcell Supergroup which are overlain unconformably by coarse clastics and slates of the Windermere. Quartzites, carbonates and fine grained clastic rocks of the Lower Paleozoic unconformably overlie the Windermere Supergroup, including the Cambrian, thin, extensive Badshot carbonate unit which is host to most of the lead-zinc deposits in the Kootenay Arc (Fyles, 1959). The area has also been intruded by syn- and post-tectonic granitoid intrusions (Insley, M.W.).

## PROPERTY GEOLOGY

The southeast corner of the property is underlain by Lower Cambrian carbonates and meta-clastics striking northeasterly and dipping at low angles to the northwest. Granitic stocks of Jurassic or Cretaceous age underlie the majority of the Ray claims north of the sedimentary rocks. The area has undergone complex folding and faulting (Brabec, D., 1979).

The main unit of interest is a limestone believed to be equivalent to the Badshot Formation hosting the Bluebell deposit. Float boulders of massive sulphide mineralization have been found in the vicinity of and "down-ice" of the limestone in question. Previous workers suggest the float boulders are local but have been unable to locate bedrock exposure of a mineralized zone. Geophysical surveys completed in the area have been inconclusive due to the presence of graphite and pyrrhotite in the surrounding sediments.

## WORK PROGRAM

Four lines of soil samples (table 2) were taken across two areas of the Ray 3 claim (figure 2). The samples were taken to follow up anomalous geochemical samples taken by Klondike Gold Corp. in 1998 at the southeast corner of the Ray 3 claim near the Cambrian sediments and to the north in the granitic terrane. In addition, four lines of magnetometer survey were completed over the southeast corner of the Ray 3 claim.

**Table 2 - Sample Data**

<u>Line Name</u>	<u>Line Kilometers</u>	<u>No. of Samples</u>	<u>Sample Spacing</u>
CB-A1S, A2S	1.0	42	25 m
CB-B3N, B5N	2.4	50	50 m
CB-A1S to A4S	2.0	Mag survey	25 m

## GEOCHEMICAL SURVEY METHOD

Sample stations are at 25 meter intervals for A1S and A2S lines and 50 meter intervals for B3N and B5N lines and are marked with flagging tape. Soil samples were taken from the B-horizon, found at depths of 5 to 40 centimeters where the soil was undisturbed, using a standard mattock. The samples were placed in kraft soil sample bags and dried prior to shipping to Chemex Labs for analysis. Each sample was tested by 32-element ICP.

## GEOPHYSICAL SURVEY METHOD

An MP-2 Proton magnetometer was used for collecting the magnetic readings from the A1S to A4S grid lines. No corrections were made for diurnal variations.

## GEOCHEMICAL SURVEY RESULTS

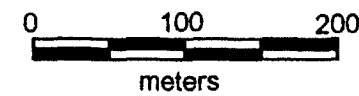
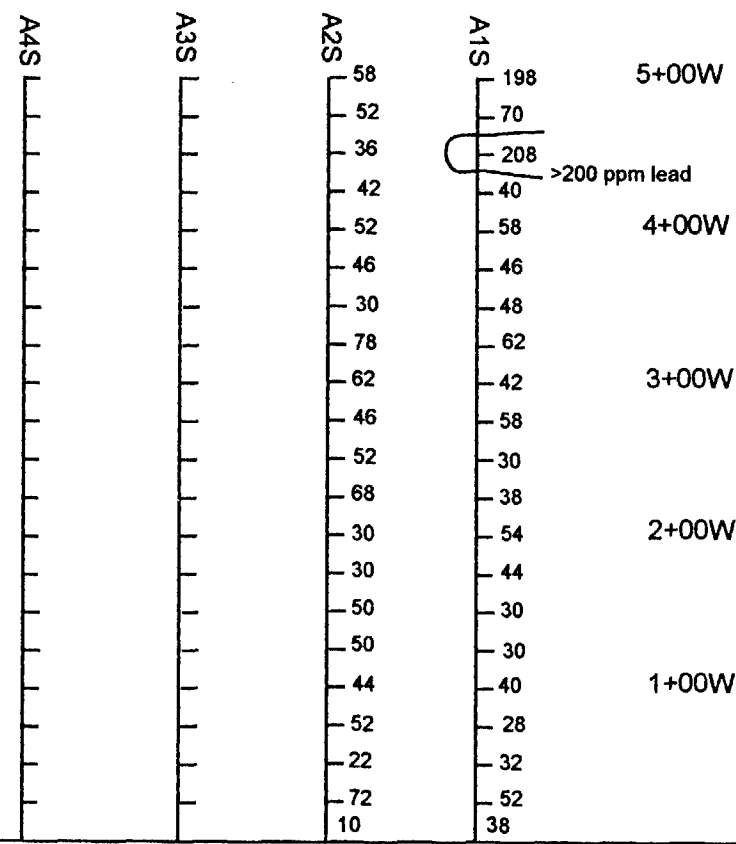
Previous surveys have indicated anomalous levels for lead and zinc as >200 ppm and >500 ppm respectively. Lines A1S and A2S had only one spot anomaly anomalous in lead and no anomalous values in zinc (figures 3 & 4). Lines B3N and B5N have a north-trending anomalous zone from 1+00 W to 1+50 W on line B3N and from 0+50 W to 2+00 W on line B5N with values up to 388 ppm lead and 934 ppm zinc. Other spot anomalies of lead occur at 5+50 W, 6+00 W and 12+00 W on line B3N and 4+00 W on line B5N. A spot anomaly of zinc (822 ppm) occurs at 5+50 W on line B3N, coincident with the 396 ppm lead spot anomaly.

## GEOPHYSICAL SURVEY RESULTS

The magnetometer survey did not identify any significant anomalies (figure 5).



Figure 3. Lead Geochemistry, Ray 3 Claim



\*Values in ppm

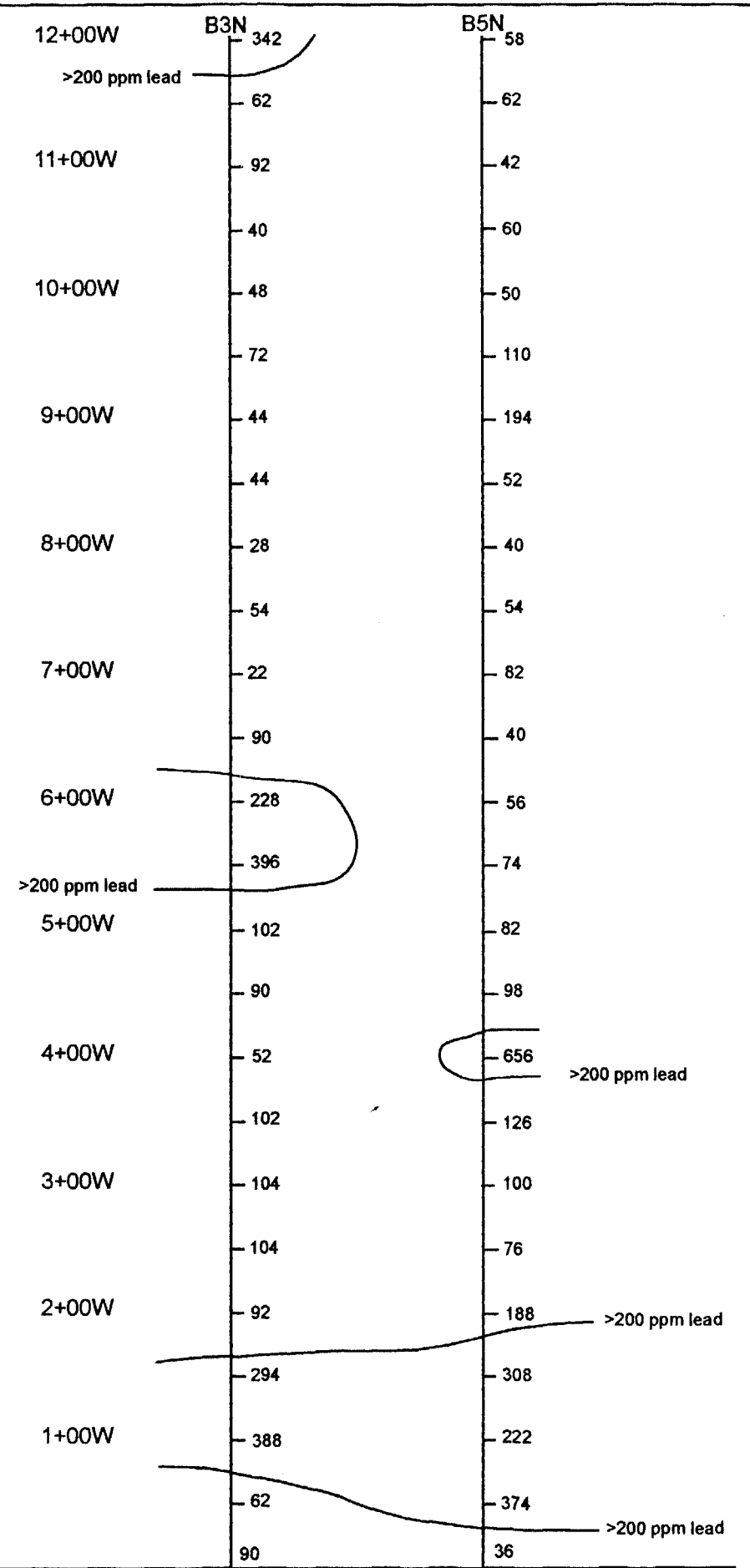
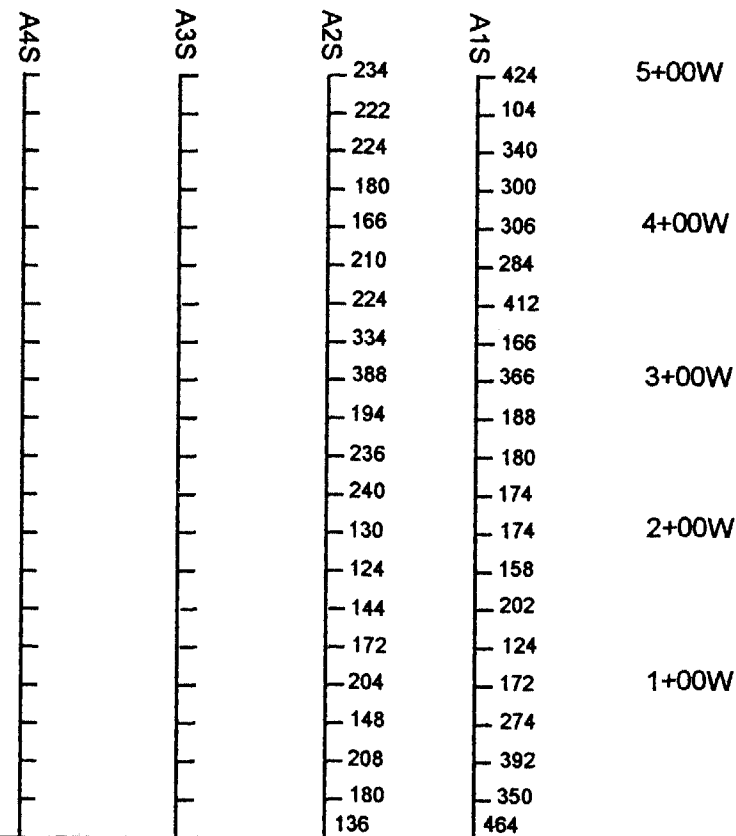
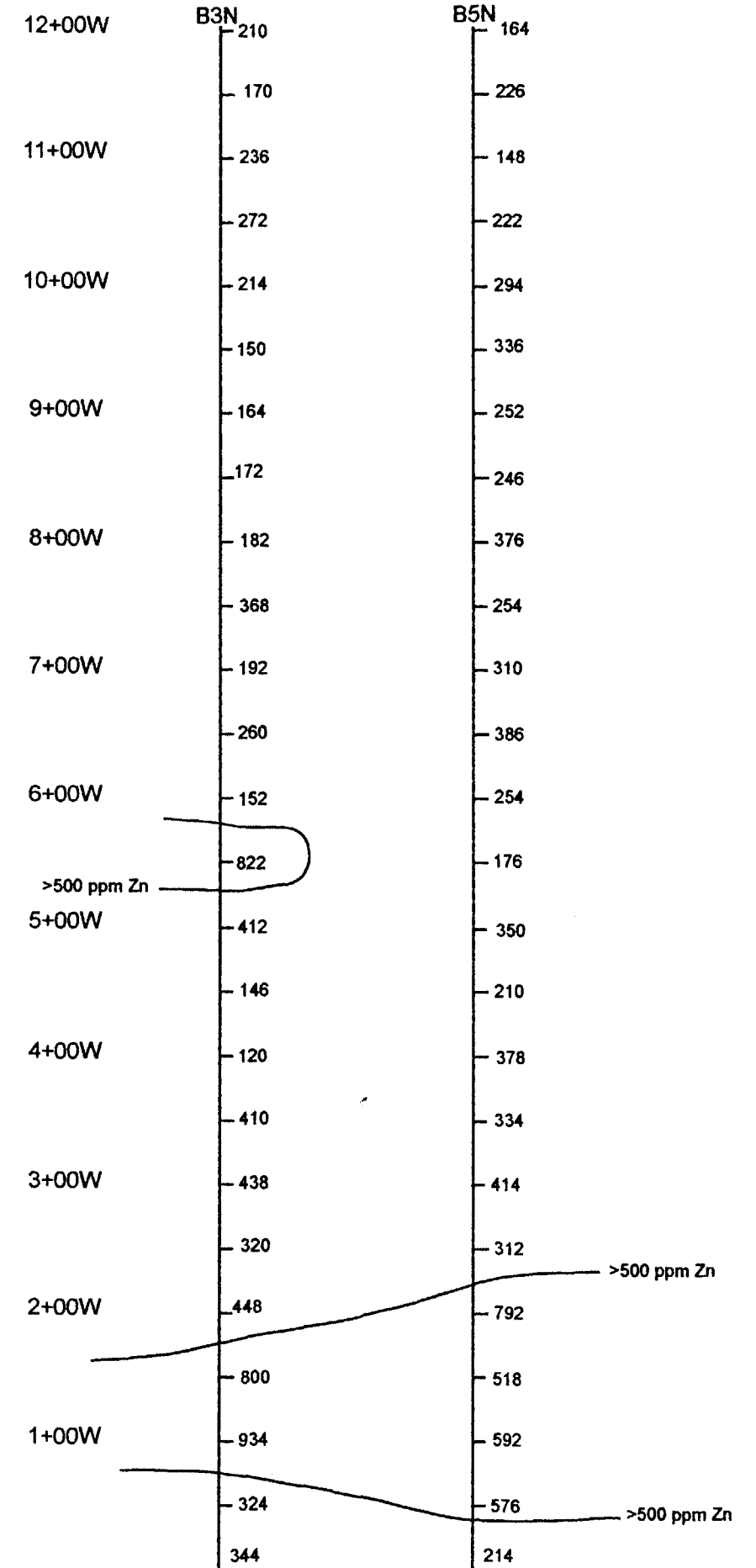
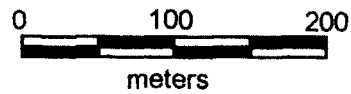


Figure 4. Zinc Geochemistry, Ray 3 Claim



\*Values in ppm

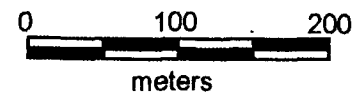


# Figure 5. Magnetometer Survey, Ray 3 Claim



A4S	A3S	A2S	A1S	
56835	56901	56875	56878	5+00W
56845	56862	56830	56843	
56855	56913	56901	56852	
56811	56949	56824	56760	
56853	56863	56764	56872	4+00W
56870	56834	56876	56904	
56725	56795	56802	56898	
56785	56792	56880	56883	
56763	56845	56790	56854	3+00W
56780	56834	56801	56884	
56840	56874	56876	56802	
56777	56830	56811	56822	
56797	56780	56815	56834	2+00W
56800	56804	56839	56838	
56735	56795	56857	56880	
56759	56854	56834	56927	
56747	56828	56860	56874	1+00W
56810	56822	56828	56873	
56820	56866	56880	56902	
56758	56889	56840	56890	
56784	56850	56973	56905	

\*Values in nt



12+00W  
11+00W  
10+00W  
9+00W  
8+00W  
7+00W  
6+00W  
5+00W  
4+00W  
3+00W  
2+00W  
1+00W

B3N

B5N

## SUMMARY AND CONCLUSIONS

The Ray claims cover a prospective area with potential for discovery of a lead-zinc deposit. Previous work has identified a package of rocks with lead-zinc mineralization permissive of hosting a deposit similar to the Bluebell Mine. A very limited amount of exploration work has been conducted in the area to date in spite of a strong geochemical anomaly and the presence of mineralized float samples.

The geochemical survey identified a modest lead-zinc soil anomaly on the east side of the Ray 3 claim in the northern half. The anomaly coincides with north-northwest trending gullies believed to be faults. The gullies are parallel to the major fault zone that formed Crawford Bay and a prominent valley across the peninsula. The soil anomaly values are less than the anomalous values returned from Cominco's survey on the area to the south and east which also trends north-northwesterly. A possible explanation of the anomalous results is that the mineralization has leaked up through the overlying granitic rocks along the northwest-trending faults from a deposit down dip in the sedimentary rock package. The other conclusion that has been drawn is that the mineralization has been dragged out from a surface exposure by a receding glacier.

The results of the geochemical survey warrant follow up by conducting detailed sampling and prospecting. If initial results from the follow up work are favourable, a second phase trenching program would be recommended.

## BIBLIOGRAPHY

- BASSO, M., 1973; A Geophysical assessment report for the BJ claim group of Richard Deane, Crawford Bay. Assessment report #4510
- BRABEC, D., 1979; Geochemical survey on the Craw Property, Slocan Mining District, B.C. Assessment report #8006
- FYLES, J.T., and HEWLETT, C.C., 1959; Stratigraphy and structure of the Salmo lead-zinc area. B.C. Dept. of Mines and Petroleum Resources, Bull. 41.
- INSLEY, M.W.; (undated thesis report) Structure, stratigraphy, metamorphism and mineralization of the Crawford Peninsula, Kootenay Lake, S.E. British Columbia, Canada. Candidate No. 4791
- SZABO, N.L., 1973; Geochemical survey on the Craw mineral claims, Crawford Bay area Slocan Mining District, B.C., Assessment report #4132
- WHEELER, J.O., 1970; Summary and discussion. Structure of the southeastern Canadian Cordillera. Geological Association of Canada, Special Paper 6, pp 155-166.
- WHEELER, J.O., AIKEN, J.D., BERRY, M.J., GABRIELSE, H., HUTCHINSON, W.W., MONGER, J.W.H., NIBLETT, E.R., NORRIS, D.K., PRICE, R.A. and STACY, R.A., 1972; The Cordilleran structural province. Variations in the tectonic styles in Canada. Geological Association of Canada, Special Paper 11, pp 1-81.

APPENDIX I

STATEMENT OF EXPENDITURES

**RAY PROPERTY - EXPENDITURES**

SALARIES

Phil Southam - 3 manday @ \$206/day	618
Report preparation - P. Southam - 2 manday @ \$206/day	412

GEOCHEMICAL ANALYSIS

92 soil samples @ \$8.80/sample	810
---------------------------------	-----

LOGISTICAL COSTS

Food and lodging	343
Supplies	78
Vehicle fuel and maintenance	226

FILING FEES	440
-------------	-----

SUBTOTAL	<u>2927</u>
----------	-------------

Administration Fee (15%)	439
GST on administration (#126616507)	31

<b>ASSESSMENT TOTAL</b>	<b><u>\$3397</u></b>
-------------------------	----------------------

Portable Assessment Credit	<u>1003</u>
----------------------------	-------------

<b>TOTAL</b>	<b>\$4400</b>
--------------	---------------

APPENDIX II

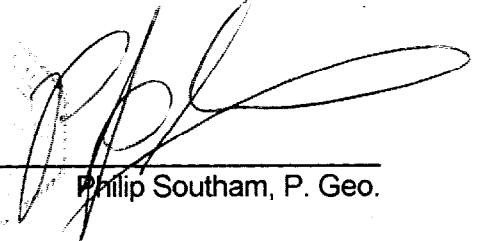
STATEMENT OF QUALIFICATIONS



## STATEMENT OF QUALIFICATIONS

I, Philip James Southam of 19021 - 117A Avenue, Pitt Meadows, British Columbia, do hereby certify:

1. I am a geologist registered with the Association of Professional Engineers and Geoscientists of British Columbia.
2. I graduated from Brandon University in 1987 with a Bachelor of Science degree majoring in geology.
3. I have practised my profession continuously since graduation in British Columbia, Manitoba, Yukon Territory and California in the field of mineral exploration.
4. I am employed by Hastings Management Corp. to provide geological services for Klondike Gold Corp.
5. All work completed for the purpose of this report was done under my supervision.



Philip Southam, P. Geo.

APPENDIX III

ASSAY RESULTS



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: SOUTHAM, PHILIP

19021 - 117A AVE.  
 PITT MEADOWS, BC  
 V3Y 1Y4

A9924792

Comments: ATTN: PHILIP SOUTHAM

CERTIFICATE

A9924792

(RGD) - SOUTHAM, PHILIP

Project: CB  
 P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 12-AUG-1999.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	92	Dry, sieve to -80 mesh
229	92	ICP - AQ Digestion charge

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2118	92	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	92	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	92	As ppm: 32 element, soil & rock	ICP-AES	2	10000
557	92	B ppm: 32 element, rock & soil	ICP-AES	10	10000
2121	92	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	92	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	92	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	92	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	92	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	92	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	92	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	92	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	92	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	92	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	92	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	92	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	92	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	92	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	92	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	92	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	92	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	92	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	92	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	92	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
551	92	S %: 32 element, rock & soil	ICP-AES	0.01	5.00
2141	92	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	92	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	92	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	92	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	92	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	92	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	92	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	92	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	92	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: SOUTHAM, PHILIP  
 19021 - 117A AVE.  
 PITT MEADOWS, BC  
 V3Y 1Y4

Project: CB  
 Comments: ATTN: PHILIP SOUTHAM

Page Number : 1-A  
 Total Pages : 3  
 Certificate Date: 12-AUG-1999  
 Invoice No. : 19924792  
 P.O. Number :  
 Account : RGD

## CERTIFICATE OF ANALYSIS A9924792

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
CB A15 0+00W	201 229	1.0	4.09	8	< 10	130	0.5	< 2	0.24	0.5	9	16	19	2.53	10	< 1	0.07	< 10	0.22	370
CB A15 0+25W	201 229	< 0.2	3.02	10	< 10	160	0.5	< 2	0.22	0.5	9	28	14	2.22	< 10	< 1	0.11	< 10	0.46	440
CB A15 0+50W	201 229	0.2	2.66	10	< 10	190	< 0.5	< 2	0.30	0.5	8	15	14	1.86	< 10	< 1	0.12	< 10	0.38	470
CB A15 0+75W	201 229	< 0.2	3.31	18	< 10	260	0.5	< 2	0.13	< 0.5	9	21	14	2.63	10	< 1	0.13	< 10	0.58	955
CB A15 1+00W	201 229	< 0.2	2.69	6	< 10	210	0.5	< 2	0.16	< 0.5	8	23	13	2.40	< 10	< 1	0.09	< 10	0.49	710
CB A15 1+25W	201 229	< 0.2	2.97	6	< 10	80	0.5	< 2	0.26	< 0.5	10	43	30	2.73	< 10	< 1	0.13	< 10	1.05	285
CB A15 1+50W	201 229	< 0.2	3.19	4	< 10	190	0.5	< 2	0.11	< 0.5	9	23	11	2.42	10	< 1	0.07	< 10	0.40	555
CB A15 1+75W	201 229	< 0.2	3.00	6	< 10	210	0.5	< 2	0.16	< 0.5	11	34	36	2.46	< 10	< 1	0.10	< 10	0.57	560
CB A15 2+00W	201 229	< 0.2	3.20	8	< 10	170	0.5	< 2	0.19	< 0.5	11	41	29	2.62	< 10	< 1	0.10	< 10	0.67	255
CB A15 2+25W	201 229	< 0.2	2.45	2	< 10	410	0.5	< 2	0.37	0.5	10	29	32	2.15	< 10	< 1	0.13	< 10	0.62	2320
CB A15 2+50W	201 229	< 0.2	2.99	2	< 10	150	0.5	< 2	0.19	< 0.5	10	43	21	2.50	< 10	< 1	0.15	< 10	0.99	430
CB A15 2+75W	201 229	< 0.2	2.57	< 2	< 10	180	0.5	< 2	0.12	< 0.5	10	35	22	2.35	< 10	< 1	0.10	< 10	0.55	1110
CB A15 3+00W	201 229	< 0.2	2.45	6	< 10	220	< 0.5	< 2	0.29	< 0.5	22	56	45	3.16	< 10	< 1	0.21	< 10	1.11	1110
CB A15 3+25W	201 229	1.8	4.19	18	< 10	110	1.5	< 2	0.23	< 0.5	5	23	28	3.20	10	< 1	0.06	10	0.15	95
CB A15 3+50W	201 229	0.4	4.60	14	< 10	110	0.5	< 2	0.09	0.5	7	17	10	2.26	< 10	< 1	0.05	< 10	0.16	345
CB A15 3+75W	201 229	0.2	4.01	4	< 10	170	0.5	< 2	0.14	0.5	9	18	8	2.06	< 10	< 1	0.07	< 10	0.23	910
CB A15 4+00W	201 229	< 0.2	1.82	6	< 10	190	< 0.5	< 2	0.24	0.5	9	15	15	1.76	< 10	< 1	0.10	< 10	0.43	1185
CB A15 4+25W	201 229	0.2	3.30	10	< 10	190	0.5	< 2	0.15	< 0.5	8	20	9	1.99	< 10	< 1	0.06	< 10	0.24	510
CB A15 4+50W	201 229	0.6	2.28	318	< 10	290	< 0.5	< 2	0.12	0.5	5	12	10	1.73	< 10	< 1	0.11	< 10	0.19	1260
CB A15 4+75W	201 229	< 0.2	1.14	14	< 10	110	< 0.5	< 2	0.07	0.5	5	18	5	1.85	< 10	< 1	0.07	< 10	0.19	665
CB A15 5+00W	201 229	0.4	3.24	18	< 10	240	0.5	< 2	0.09	< 0.5	10	20	12	2.23	< 10	< 1	0.07	< 10	0.20	1510
CB A25 0+00W	201 229	< 0.2	3.62	< 2	< 10	190	0.5	< 2	0.43	< 0.5	36	117	242	4.29	< 10	< 1	0.37	< 10	1.72	555
CB A25 0+25W	201 229	< 0.2	2.27	< 2	< 10	230	0.5	< 2	0.13	< 0.5	10	29	9	2.41	< 10	< 1	0.09	< 10	0.45	950
CB A25 0+50W	201 229	< 0.2	3.79	< 2	< 10	220	0.5	< 2	0.15	< 0.5	6	27	8	2.69	10	< 1	0.07	< 10	0.72	890
CB A25 0+75W	201 229	< 0.2	2.77	< 2	< 10	110	0.5	< 2	0.18	< 0.5	11	41	32	2.39	< 10	< 1	0.10	10	0.64	360
CB A25 1+00W	201 229	< 0.2	3.57	< 2	< 10	280	0.5	< 2	0.11	< 0.5	11	23	14	2.40	< 10	< 1	0.08	< 10	0.41	935
CB A25 1+25W	201 229	< 0.2	2.56	< 2	< 10	190	0.5	< 2	0.16	< 0.5	9	36	15	2.24	< 10	< 1	0.07	< 10	0.48	540
CB A25 1+50W	201 229	< 0.2	2.25	< 2	< 10	180	0.5	< 2	0.10	< 0.5	8	32	17	2.19	< 10	< 1	0.07	< 10	0.57	825
CB A25 1+75W	201 229	< 0.2	2.49	< 2	< 10	140	< 0.5	< 2	0.20	< 0.5	13	39	31	2.60	< 10	< 1	0.10	< 10	1.07	405
CB A25 2+00W	201 229	< 0.2	2.28	< 2	< 10	150	0.5	< 2	0.11	< 0.5	7	25	16	2.25	< 10	< 1	0.06	< 10	0.49	760
CB A25 2+25W	201 229	< 0.2	2.16	12	< 10	120	0.5	< 2	0.23	< 0.5	9	41	29	2.14	< 10	< 1	0.11	< 10	0.55	325
CB A25 2+50W	201 229	< 0.2	2.24	< 2	< 10	120	0.5	< 2	0.15	< 0.5	8	39	20	2.07	< 10	< 1	0.09	< 10	0.53	335
CB A25 2+75W	201 229	< 0.2	2.40	6	< 10	150	0.5	< 2	0.16	< 0.5	8	35	23	2.74	< 10	< 1	0.08	< 10	0.80	300
CB A25 3+00W	201 229	0.4	2.23	4	< 10	230	0.5	< 2	0.14	0.5	7	17	8	1.95	< 10	< 1	0.06	< 10	0.16	1580
CB A25 3+25W	201 229	0.2	2.23	6	< 10	140	< 0.5	< 2	0.09	< 0.5	9	44	10	2.18	< 10	< 1	0.07	< 10	0.39	720
CB A25 3+50W	201 229	< 0.2	6.97	28	< 10	200	0.5	< 2	0.13	0.5	6	24	10	2.57	10	< 1	0.05	< 10	0.16	535
CB A25 3+75W	201 229	< 0.2	3.40	< 2	< 10	190	0.5	< 2	0.25	< 0.5	11	80	28	2.36	< 10	< 1	0.08	< 10	0.73	515
CB A25 4+00W	201 229	< 0.2	2.18	2	< 10	100	< 0.5	< 2	0.13	< 0.5	7	28	17	2.19	< 10	< 1	0.07	10	0.43	210
CB A25 4+25W	201 229	< 0.2	1.99	< 2	< 10	100	0.5	< 2	0.12	< 0.5	7	25	12	2.05	< 10	< 1	0.08	< 10	0.38	295
CB A25 4+50W	201 229	0.2	3.28	< 2	< 10	160	0.5	< 2	0.06	< 0.5	8	17	9	2.12	< 10	< 1	0.05	< 10	0.22	730

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: SOUTHAM, PHILIP

19021 - 117A AVE.  
PITT MEADOWS, BC  
V3Y 1Y4

Project : CB  
Comments: ATTN: PHILIP SOUTHAM

Page Number :1-B  
Total Pages :3  
Certificate Date: 12-AUG-1999  
Invoice No. : I9924792  
P.O. Number :  
Account : RGD

## CERTIFICATE OF ANALYSIS

### A9924792

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CB A15 0+00W	201 229	3	0.01	25	1810	38	0.01	< 2	1	17	0.18	< 10	< 10	34	< 10	464
CB A15 0+25W	201 229	1	0.01	31	1070	52	< 0.01	< 2	2	15	0.13	< 10	< 10	30	< 10	350
CB A15 0+50W	201 229	2	0.01	19	1050	32	0.01	< 2	3	22	0.16	< 10	< 10	30	< 10	392
CB A15 0+75W	201 229	2	0.01	17	1340	28	0.01	< 2	3	12	0.20	< 10	< 10	37	< 10	274
CB A15 1+00W	201 229	1	0.01	21	630	40	0.01	< 2	1	11	0.18	< 10	< 10	34	< 10	172
CB A15 1+25W	201 229	1	< 0.01	30	530	30	< 0.01	< 2	3	13	0.14	< 10	< 10	43	< 10	124
CB A15 1+50W	201 229	1	< 0.01	25	1060	30	0.01	< 2	1	9	0.15	< 10	< 10	34	< 10	202
CB A15 1+75W	201 229	1	< 0.01	35	610	44	< 0.01	< 2	2	12	0.14	< 10	< 10	36	< 10	158
CB A15 2+00W	201 229	1	< 0.01	43	600	54	< 0.01	< 2	3	14	0.15	< 10	< 10	39	< 10	174
CB A15 2+25W	201 229	1	0.01	29	860	38	0.01	< 2	2	29	0.13	< 10	< 10	32	< 10	174
CB A15 2+50W	201 229	1	0.01	38	500	30	< 0.01	< 2	3	14	0.17	< 10	< 10	36	< 10	180
CB A15 2+75W	201 229	1	0.01	33	630	58	< 0.01	< 2	2	9	0.13	< 10	< 10	33	< 10	188
CB A15 3+00W	201 229	1	0.01	36	440	42	< 0.01	< 2	3	16	0.24	< 10	< 10	61	< 10	366
CB A15 3+25W	201 229	4	0.01	43	580	62	0.01	< 2	2	22	0.17	< 10	< 10	37	< 10	166
CB A15 3+50W	201 229	2	0.01	22	4030	48	0.01	< 2	1	10	0.14	< 10	< 10	28	< 10	412
CB A15 3+75W	201 229	1	0.01	31	1650	46	0.01	< 2	1	17	0.13	< 10	< 10	28	< 10	284
CB A15 4+00W	201 229	1	0.01	15	1780	58	< 0.01	< 2	1	20	0.12	< 10	< 10	28	< 10	306
CB A15 4+25W	201 229	2	0.01	26	1140	40	0.01	< 2	1	13	0.15	< 10	< 10	27	< 10	300
CB A15 4+50W	201 229	1	0.03	16	2720	208	0.01	776	1	18	0.12	< 10	< 10	24	< 10	340
CB A15 4+75W	201 229	< 1	0.01	10	380	70	0.01	< 2	1	8	0.11	< 10	< 10	32	< 10	104
CB A15 5+00W	201 229	1	0.01	25	770	198	0.01	< 2	1	10	0.14	< 10	< 10	32	< 10	424
CB A25 0+00W	201 229	3	0.01	79	580	10	0.01	< 2	3	17	0.29	< 10	< 10	99	< 10	136
CB A25 0+25W	201 229	1	0.01	23	600	72	< 0.01	< 2	1	8	0.14	< 10	< 10	35	< 10	180
CB A25 0+50W	201 229	1	0.01	20	1110	22	0.01	< 2	4	11	0.19	< 10	< 10	44	< 10	208
CB A25 0+75W	201 229	1	< 0.01	66	620	52	< 0.01	< 2	3	10	0.13	< 10	< 10	37	< 10	148
CB A25 1+00W	201 229	1	0.01	30	1060	44	0.01	< 2	1	8	0.17	< 10	< 10	34	< 10	204
CB A25 1+25W	201 229	1	< 0.01	30	750	50	0.01	< 2	1	11	0.11	< 10	< 10	31	< 10	172
CB A25 1+50W	201 229	1	< 0.01	25	470	50	< 0.01	< 2	2	7	0.12	< 10	< 10	31	< 10	144
CB A25 1+75W	201 229	1	< 0.01	37	280	30	< 0.01	< 2	1	11	0.16	< 10	< 10	42	< 10	124
CB A25 2+00W	201 229	1	0.01	16	1210	30	< 0.01	< 2	1	10	0.13	< 10	< 10	31	< 10	130
CB A25 2+25W	201 229	1	< 0.01	38	870	68	0.01	< 2	2	13	0.11	< 10	< 10	30	< 10	240
CB A25 2+50W	201 229	1	< 0.01	34	760	52	< 0.01	< 2	1	11	0.09	< 10	< 10	27	< 10	236
CB A25 2+75W	201 229	1	< 0.01	25	560	46	< 0.01	< 2	3	12	0.10	< 10	< 10	39	< 10	194
CB A25 3+00W	201 229	1	0.01	19	1190	62	0.01	< 2	1	14	0.12	< 10	< 10	25	< 10	388
CB A25 3+25W	201 229	1	< 0.01	31	1620	78	0.01	< 2	1	8	0.10	< 10	< 10	26	< 10	334
CB A25 3+50W	201 229	3	0.01	19	9320	30	0.02	< 2	1	16	0.20	< 10	< 10	38	< 10	224
CB A25 3+75W	201 229	1	0.01	58	1190	46	0.01	< 2	2	17	0.14	< 10	< 10	37	< 10	210
CB A25 4+00W	201 229	1	< 0.01	23	570	52	< 0.01	< 2	1	12	0.10	< 10	< 10	31	< 10	166
CB A25 4+25W	201 229	< 1	< 0.01	24	400	42	< 0.01	< 2	1	12	0.10	< 10	< 10	26	< 10	180
CB A25 4+50W	201 229	1	0.01	20	900	36	0.01	< 2	1	10	0.13	< 10	< 10	28	< 10	224

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: SOUTHAM, PHILIP

19021 - 117A AVE.  
PITT MEADOWS, BC  
V3Y 1Y4

Project: CB  
Comments: ATTN: PHILIP SOUTHAM

Page Number :2-A  
Total Pages :3  
Certificate Date: 12-AUG-1999  
Invoice No. :19924792  
P.O. Number :  
Account :RGD

## CERTIFICATE OF ANALYSIS

### A9924792

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
CB A25 4+75W	201 229	0.2	2.54	6	< 10	130	0.5	< 2	0.28	< 0.5	7	19	10	1.94	< 10	< 1	0.06	< 10	0.26	280
CB A25 5+00W	201 229	< 0.2	2.22	4	< 10	230	0.5	< 2	0.16	< 0.5	14	59	16	2.42	< 10	< 1	0.15	10	0.74	1025
CB B3N 0+00W	201 229	< 0.2	2.58	12	< 10	270	0.5	< 2	0.21	0.5	9	37	17	2.69	10	< 1	0.14	< 10	1.05	3240
CB B3N 0+50W	201 229	< 0.2	2.95	18	< 10	290	0.5	< 2	0.48	1.5	10	34	7	2.74	10	< 1	0.32	< 10	1.71	3200
CB B3N 1+00W	201 229	0.2	2.98	58	< 10	190	0.5	< 2	0.28	3.0	9	29	34	2.38	< 10	< 1	0.11	< 10	0.49	520
CB B3N 1+50W	201 229	0.6	2.24	26	< 10	360	0.5	< 2	0.21	2.5	10	24	15	2.61	< 10	< 1	0.11	< 10	0.45	2510
CB B3N 2+00W	201 229	< 0.2	2.88	12	< 10	490	0.5	< 2	0.42	1.0	14	90	32	2.78	< 10	< 1	0.19	< 10	1.37	2230
CB B3N 2+50W	201 229	< 0.2	3.00	12	< 10	120	0.5	< 2	0.10	< 0.5	10	19	8	2.28	< 10	< 1	0.03	< 10	0.24	140
CB B3N 3+00W	201 229	0.2	2.40	22	< 10	170	0.5	< 2	0.14	< 0.5	8	27	10	2.11	< 10	< 1	0.08	< 10	0.35	900
CB B3N 3+50W	201 229	< 0.2	2.46	8	< 10	260	0.5	< 2	0.13	0.5	10	34	12	2.20	< 10	< 1	0.10	< 10	0.41	980
CB B3N 4+00W	201 229	< 0.2	3.96	6	< 10	80	0.5	< 2	0.08	< 0.5	6	15	14	2.22	< 10	< 1	0.05	< 10	0.20	370
CB B3N 4+50W	201 229	< 0.2	2.90	12	< 10	90	0.5	< 2	0.06	< 0.5	7	29	21	2.42	< 10	< 1	0.08	< 10	0.45	395
CB B3N 5+00W	201 229	0.2	2.45	16	< 10	210	0.5	< 2	0.19	< 0.5	11	39	19	2.57	< 10	< 1	0.12	< 10	0.59	685
CB B3N 5+50W	201 229	0.6	2.37	32	< 10	150	0.5	< 2	0.10	0.5	7	20	15	2.29	< 10	< 1	0.06	< 10	0.26	945
CB B3N 6+00W	201 229	0.8	5.77	24	< 10	70	3.0	< 2	0.08	< 0.5	7	19	37	2.27	10	< 1	0.05	40	0.14	255
CB B3N 6+50W	201 229	< 0.2	2.29	12	< 10	210	0.5	< 2	0.23	0.5	9	39	19	2.18	< 10	< 1	0.12	10	0.52	1100
CB B3N 7+00W	201 229	< 0.2	1.60	< 2	< 10	70	< 0.5	< 2	0.12	< 0.5	6	33	10	2.19	< 10	< 1	0.07	10	0.60	170
CB B3N 7+50W	201 229	0.2	1.88	8	< 10	130	< 0.5	< 2	0.18	0.5	8	28	9	2.05	< 10	< 1	0.07	10	0.44	255
CB B3N 8+00W	201 229	< 0.2	5.03	10	< 10	200	0.5	< 2	0.13	< 0.5	17	52	37	3.95	10	< 1	0.26	< 10	0.76	510
CB B3N 8+50W	201 229	< 0.2	2.63	8	< 10	280	0.5	< 2	0.11	< 0.5	6	26	11	2.52	< 10	< 1	0.15	< 10	0.36	1035
CB B3N 9+00W	201 229	< 0.2	3.08	6	< 10	180	1.0	< 2	0.13	< 0.5	19	53	56	2.79	< 10	< 1	0.24	10	0.79	475
CB B3N 9+50W	201 229	0.2	3.32	8	< 10	160	0.5	< 2	0.11	< 0.5	8	21	12	2.09	< 10	< 1	0.06	< 10	0.27	280
CB B3N 10+00W	201 229	0.2	3.45	10	< 10	220	0.5	< 2	0.08	< 0.5	6	19	8	2.13	< 10	< 1	0.05	< 10	0.24	455
CB B3N 10+50W	201 229	0.2	2.23	4	< 10	200	0.5	< 2	0.18	< 0.5	11	60	9	2.13	< 10	< 1	0.07	< 10	0.37	680
CB B3N 11+00W	201 229	< 0.2	1.54	20	< 10	90	< 0.5	< 2	0.11	< 0.5	9	27	21	1.80	< 10	< 1	0.06	< 10	0.36	340
CB B3N 11+50W	201 229	< 0.2	2.43	6	< 10	220	0.5	< 2	0.13	< 0.5	8	30	13	2.17	< 10	< 1	0.08	< 10	0.45	1235
CB B3N 12+00W	201 229	1.0	3.51	10	< 10	150	0.5	< 2	0.11	< 0.5	12	42	37	2.56	< 10	< 1	0.08	< 10	0.55	750
CB B5N 0+00W	201 229	< 0.2	4.20	6	< 10	490	0.5	< 2	0.29	0.5	31	41	125	5.43	10	< 1	0.65	< 10	1.82	1820
CB B5N 0+50W	201 229	0.6	3.57	32	< 10	160	1.0	< 2	0.19	0.5	10	30	29	2.71	< 10	< 1	0.10	< 10	0.59	610
CB B5N 1+00W	201 229	0.8	2.67	28	< 10	160	0.5	< 2	0.15	1.0	8	26	15	2.33	< 10	< 1	0.09	10	0.43	965
CB B5N 1+50W	201 229	0.6	3.01	26	< 10	190	0.5	< 2	0.23	0.5	10	32	35	2.69	< 10	< 1	0.13	10	0.60	770
CB B5N 2+00W	201 229	0.8	4.73	38	< 10	130	0.5	< 2	0.15	2.0	8	26	20	2.48	< 10	< 1	0.07	< 10	0.32	615
CB B5N 2+50W	201 229	< 0.2	2.88	12	< 10	210	0.5	< 2	0.13	< 0.5	12	50	18	2.87	< 10	< 1	0.10	< 10	0.75	1745
CB B5N 3+00W	201 229	0.4	2.56	6	< 10	130	0.5	< 2	0.09	0.5	7	22	10	1.98	< 10	< 1	0.07	< 10	0.25	640
CB B5N 3+50W	201 229	< 0.2	2.23	16	< 10	190	0.5	< 2	0.25	0.5	6	22	14	2.16	< 10	< 1	0.10	< 10	0.39	1200
CB B5N 4+00W	201 229	0.6	3.57	20	< 10	180	2.5	< 2	0.14	0.5	19	29	41	2.55	10	< 1	0.10	40	0.31	1920
CB B5N 4+50W	201 229	0.2	3.75	14	< 10	160	0.5	< 2	0.20	< 0.5	16	54	60	3.32	< 10	< 1	0.31	10	0.94	295
CB B5N 5+00W	201 229	< 0.2	2.26	2	< 10	240	0.5	< 2	0.15	0.5	10	42	15	2.09	< 10	< 1	0.16	< 10	0.48	675
CB B5N 5+50W	201 229	< 0.2	2.12	2	< 10	120	0.5	< 2	0.12	< 0.5	7	26	12	2.15	< 10	< 1	0.13	< 10	0.43	770
CB B5N 6+00W	201 229	< 0.2	2.59	2	< 10	190	0.5	< 2	0.14	< 0.5	9	38	21	2.23	< 10	< 1	0.13	< 10	0.52	305

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: SOUTHAM, PHILIP

19021 - 117A AVE.  
 PITT MEADOWS, BC  
 V3Y 1Y4

Project: CB  
 Comments: ATTN: PHILIP SOUTHAM

Page Number :2-B  
 Total Pages :3  
 Certificate Date: 12-AUG-1999  
 Invoice No. :19924792  
 P.O. Number :  
 Account :RGD

## CERTIFICATE OF ANALYSIS

### A9924792

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CB A25 4+75W	201 229	1	0.01	21	660	52	0.01	< 2	1	12	0.11	< 10	< 10	27	< 10	222
CB A25 5+00W	201 229	1	< 0.01	43	300	58	< 0.01	< 2	4	24	0.16	< 10	< 10	44	< 10	234
CB B3N 0+00W	201 229	1	< 0.01	23	730	90	< 0.01	< 2	3	15	0.16	< 10	< 10	40	< 10	344
CB B3N 0+50W	201 229	1	0.01	17	770	62	0.02	2	3	46	0.21	< 10	< 10	40	< 10	324
CB B3N 1+00W	201 229	1	0.01	33	1430	388	0.01	< 2	3	19	0.11	< 10	< 10	30	< 10	934
CB B3N 1+50W	201 229	1	< 0.01	22	1190	294	< 0.01	< 2	2	15	0.11	< 10	< 10	31	< 10	800
CB B3N 2+00W	201 229	1	< 0.01	77	1400	92	0.01	< 2	3	25	0.16	< 10	< 10	37	< 10	448
CB B3N 2+50W	201 229	2	< 0.01	24	210	104	0.01	< 2	1	11	0.11	< 10	< 10	35	< 10	320
CB B3N 3+00W	201 229	1	< 0.01	30	1590	104	0.01	< 2	1	14	0.10	< 10	< 10	25	< 10	438
CB B3N 3+50W	201 229	1	< 0.01	43	670	102	< 0.01	< 2	1	15	0.11	< 10	< 10	28	< 10	410
CB B3N 4+00W	201 229	2	< 0.01	14	1270	52	0.02	< 2	3	10	0.12	< 10	< 10	31	< 10	120
CB B3N 4+50W	201 229	1	< 0.01	25	760	90	0.02	< 2	2	8	0.11	< 10	< 10	34	< 10	146
CB B3N 5+00W	201 229	1	< 0.01	39	450	102	0.01	< 2	2	19	0.14	< 10	< 10	34	< 10	412
CB B3N 5+50W	201 229	1	< 0.01	20	790	396	0.01	< 2	1	9	0.11	< 10	< 10	31	< 10	822
CB B3N 6+00W	201 229	2	0.02	28	1100	228	0.03	< 2	5	14	0.18	< 10	< 10	30	< 10	152
CB B3N 6+50W	201 229	1	0.01	34	980	90	< 0.01	< 2	2	23	0.11	< 10	< 10	27	< 10	260
CB B3N 7+00W	201 229	1	< 0.01	25	140	22	< 0.01	< 2	1	10	0.09	< 10	< 10	27	< 10	192
CB B3N 7+50W	201 229	1	< 0.01	30	520	54	< 0.01	< 2	1	15	0.08	< 10	< 10	23	< 10	368
CB B3N 8+00W	201 229	3	0.01	45	1180	28	0.02	2	5	13	0.25	< 10	< 10	68	< 10	182
CB B3N 8+50W	201 229	1	< 0.01	20	2980	44	0.01	< 2	2	13	0.12	< 10	< 10	34	< 10	172
CB B3N 9+00W	201 229	1	< 0.01	61	360	44	< 0.01	< 2	4	14	0.15	< 10	< 10	45	< 10	164
CB B3N 9+50W	201 229	1	0.01	28	490	72	0.01	< 2	1	13	0.12	< 10	< 10	27	< 10	150
CB B3N 10+00W	201 229	2	0.01	24	690	48	0.01	< 2	1	14	0.13	< 10	< 10	26	< 10	214
CB B3N 10+50W	201 229	1	0.01	59	930	40	< 0.01	< 2	1	27	0.12	< 10	< 10	25	< 10	272
CB B3N 11+00W	201 229	< 1	< 0.01	123	740	92	< 0.01	< 2	1	8	0.07	< 10	< 10	21	< 10	236
CB B3N 11+50W	201 229	1	< 0.01	29	550	62	< 0.01	< 2	1	11	0.10	< 10	< 10	28	< 10	170
CB B3N 12+00W	201 229	2	< 0.01	61	900	342	0.01	< 2	3	9	0.12	< 10	< 10	34	< 10	210
CB B5N 0+00W	201 229	1	< 0.01	55	690	36	0.01	< 2	7	24	0.33	< 10	< 10	147	< 10	214
CB B5N 0+50W	201 229	2	0.01	32	1080	374	0.01	< 2	3	14	0.14	< 10	< 10	37	< 10	576
CB B5N 1+00W	201 229	1	0.01	28	800	222	< 0.01	< 2	2	11	0.12	< 10	< 10	29	< 10	592
CB B5N 1+50W	201 229	1	0.01	31	970	308	< 0.01	< 2	3	15	0.11	< 10	< 10	33	< 10	518
CB B5N 2+00W	201 229	3	0.01	37	1670	188	0.01	< 2	2	13	0.14	< 10	< 10	33	< 10	792
CB B5N 2+50W	201 229	1	< 0.01	44	1090	76	0.01	< 2	3	10	0.18	< 10	< 10	45	< 10	312
CB B5N 3+00W	201 229	1	0.01	26	1320	100	< 0.01	< 2	1	10	0.12	< 10	< 10	25	< 10	414
CB B5N 3+50W	201 229	1	0.01	19	1560	126	0.01	< 2	1	24	0.10	< 10	< 10	27	< 10	334
CB B5N 4+00W	201 229	3	0.02	54	1320	656	0.01	< 2	3	16	0.14	< 10	< 10	32	< 10	378
CB B5N 4+50W	201 229	2	< 0.01	45	660	98	< 0.01	< 2	5	16	0.19	< 10	< 10	56	< 10	210
CB B5N 5+00W	201 229	1	< 0.01	61	320	82	< 0.01	< 2	2	16	0.12	< 10	< 10	29	< 10	350
CB B5N 5+50W	201 229	< 1	< 0.01	21	490	74	0.01	< 2	1	15	0.09	< 10	< 10	27	< 10	176
CB B5N 6+00W	201 229	1	< 0.01	46	680	56	< 0.01	< 2	2	19	0.12	< 10	< 10	29	< 10	254

CERTIFICATION: 



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: SOUTHAM, PHILIP

19021 - 117A AVE.  
PITT MEADOWS, BC  
V3Y 1Y4

Project: CB  
Comments: ATTN: PHILIP SOUTHAM

Page Number :3-A  
Total Pages :3  
Certificate Date: 12-AUG-1999  
Invoice No. :19924792  
P.O. Number :  
Account :RGD

## CERTIFICATE OF ANALYSIS A9924792

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
CB B5N 6+50W	201 229	< 0.2	1.60	6	< 10	150	< 0.5	< 2	0.20	0.5	8	43	15	1.91	< 10	< 1	0.15	< 10	0.59	425
CB B5N 7+00W	201 229	< 0.2	2.12	10	< 10	130	0.5	< 2	0.16	< 0.5	8	34	19	2.12	< 10	< 1	0.10	10	0.51	280
CB B5N 7+50W	201 229	0.2	2.91	18	< 10	200	0.5	< 2	0.26	< 0.5	13	61	34	2.68	< 10	< 1	0.15	< 10	0.73	360
CB B5N 8+00W	201 229	< 0.2	2.57	14	< 10	490	0.5	< 2	0.32	0.5	7	17	8	1.92	< 10	< 1	0.13	< 10	0.26	945
CB B5N 8+50W	201 229	0.2	3.63	10	< 10	360	0.5	< 2	0.11	0.5	11	21	11	2.35	< 10	< 1	0.09	< 10	0.22	2200
CB B5N 9+00W	201 229	0.2	3.37	22	< 10	240	0.5	< 2	0.20	< 0.5	12	55	50	2.66	< 10	< 1	0.12	< 10	0.64	560
CB B5N 9+50W	201 229	< 0.2	2.67	6	< 10	170	0.5	< 2	0.12	< 0.5	9	31	17	2.25	< 10	< 1	0.07	< 10	0.48	680
CB B5N 10+00W	201 229	0.2	1.43	28	< 10	260	< 0.5	< 2	0.08	0.5	5	11	7	1.47	< 10	< 1	0.10	< 10	0.14	1125
CB B5N 10+50W	201 229	< 0.2	2.47	8	< 10	250	0.5	< 2	0.12	< 0.5	10	29	20	2.72	< 10	< 1	0.12	< 10	0.37	490
CB B5N 11+00W	201 229	0.2	5.11	6	< 10	220	1.0	< 2	0.12	< 0.5	12	18	20	2.17	< 10	< 1	0.06	10	0.19	910
CB B5N 11+50W	201 229	0.2	3.00	12	< 10	200	0.5	< 2	0.09	< 0.5	8	37	12	2.33	< 10	< 1	0.07	< 10	0.38	800
CB B5N 12+00W	201 229	< 0.2	2.92	4	< 10	110	0.5	< 2	0.10	< 0.5	8	28	21	2.39	< 10	< 1	0.08	< 10	0.38	375

CERTIFICATION:





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: SOUTHAM, PHILIP

19021 - 117A AVE.  
PITT MEADOWS, BC  
V3Y 1Y4

Project: CB  
Comments: ATTN: PHILIP SOUTHAM

Page Number :3-B  
Total Pages :3  
Certificate Date: 12-AUG-1999  
Invoice No. :I9924792  
P.O. Number :  
Account :RGD

## CERTIFICATE OF ANALYSIS

A9924792

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CB B5N 6+50W	201 229	1 < 0.01		39	230	40	0.01	< 2	2	17	0.12	< 10	< 10	27	< 10	386
CB B5N 7+00W	201 229	1 < 0.01		34	550	82	< 0.01	< 2	2	13	0.08	< 10	< 10	25	< 10	310
CB B5N 7+50W	201 229	1 0.01		53	1100	54	0.01	< 2	3	38	0.13	< 10	< 10	38	< 10	254
CB B5N 8+00W	201 229	1 0.01		22	1750	40	0.01	< 2	1	46	0.10	< 10	< 10	25	< 10	376
CB B5N 8+50W	201 229	1 0.01		31	1330	52	0.01	2	2	16	0.15	< 10	< 10	30	< 10	246
CB B5N 9+00W	201 229	1 0.01		46	1320	194	0.01	< 2	3	18	0.14	< 10	< 10	40	< 10	252
CB B5N 9+50W	201 229	< 1 < 0.01		30	780	110	0.01	< 2	2	10	0.11	< 10	< 10	29	< 10	336
CB B5N 10+00W	201 229	1 < 0.01		9	1110	50	0.01	< 2	1	11	0.09	< 10	< 10	20	< 10	294
CB B5N 10+50W	201 229	1 < 0.01		30	750	60	0.01	< 2	2	15	0.12	< 10	< 10	32	< 10	222
CB B5N 11+00W	201 229	2 0.01		33	1300	42	0.01	< 2	4	16	0.16	< 10	< 10	28	< 10	148
CB B5N 11+50W	201 229	1 < 0.01		30	2200	62	0.01	< 2	1	13	0.13	< 10	< 10	32	< 10	226
CB B5N 12+00W	201 229	1 < 0.01		23	1040	58	0.01	< 2	3	8	0.12	< 10	< 10	33	< 10	164

CERTIFICATION: