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ASSESSMENT REPORT  
ON THE  
R. B. SOUTH GROUP OF  
FOUR (4) LOCATED MINERAL CLAIMS  
SITUATED IN THE  
CARIBOO MINING DISTRICT  
CENTRAL BRITISH COLUMBIA  
CANADA

SUB-RECORDER

RECEIVED

OCT 9 - 1991

M.R. # ..... \$ .....  
VANCOUVER, B.C.

NTS 93J 13 W  
LAT. 54° 57'N  
LONG. 124° 00'W

on behalf of

ANTHIAN RESOURCE CORP.

of

Vancouver, British Columbia

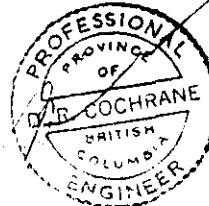
by

D.R. Cochrane, P.Eng.  
Consulting Geological Engineer

Revised September 20, 1991

Vancouver, Canada

G E O L O G I C A L   B R A N C H  
A S S E S S M E N T   R E P O R T



21,002

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PLAN NO.6	FILTERED VLF-EM	"
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Plan 9	Sample location plan	" " ✓

TK

## 1. INTRODUCTION

- 1.1 The author was retained by the directors of Anthian Resource Corp. of Vancouver, Canada, to examine and review available information on four (4) located lode mineral claims located in the Mount Milligan area of the Caribou Mining Division of Central British Columbia, Canada, known as the R.B. Claims.
- 1.2 The property was examined in mid August 1990 in the company of Mr. J. Poloni, president of Jeffco Holdings Ltd., independent contractor for exploration work on the R.B. Claims. A review of the available information was conducted just prior to the field examination, and at various intervals to this date. Information used in this report is listed in Appendix I.
- 1.3 Field work completed on the claims during the period May to November 1990 included geochemical, geological and geophysical surveys at an expenditure of \$74,240.04.

## 2. SUMMARY AND CONCLUSIONS

- 2.1 ANTHIAN RESOURCE CORP., of Vancouver, Canada, has entered into an assignment of an option agreement in order to earn an undivided 50% interest in the R.B. claims, a contiguous group of four (4) located lode mineral claims situated in the Mount Milligan area of the Cariboo Mining District of central British Columbia, Canada. The property comprises seventy-two (72) units, each unit being 500 x 500 meters (and, therefore, the claims in total cover an area of just under seven (7) square miles).
- 2.2 The R.B. claims are located to the south and slightly east of the Continental Gold/Placer Dome deposit of Mount Milligan. This deposit has reported drill reserves of 440 million tons, containing 6.35 million ounces of gold and 1.8 billion pounds of copper. (Reference 10.1). An alternate resource figure, published in the August 20, 1990 Northern Miner (10.2) is reported as 550 million tons of 0.57% copper equivalent.
- 2.3 The Mount Milligan deposit is spatially related to an airborne magnetic anomaly. In sympathy with this response, the R.B. claims were located on an aeromagnetic anomaly close to Mount Milligan and its associated magnetic anomaly. These claims were located early in 1990 and cover this magnetic anomaly and are now the subject of discussion in this report.
- 2.4 A lower level, closer knit line spacing over the claims was flown in the early summer of 1990 by Dighem Surveys (geophysical contractors) of Mississauga, Ontario. These results confirmed the existence of the government flown airborne magnetic anomaly circa 1969.

- 2.5 Ground reconnaissance work was conducted in May, 1990 and ground follow up work in August. All work was contracted to Jeffco Holdings Ltd. and recent ground work consisted of the following:
- a) establishing a ground control grid;
  - b) the collection of soil samples and analysis of same;
  - c) a ground (total field) magnetometer survey;
  - d) a ground VLF-EM survey;
  - e) prospecting and geological reconnaissance.
- 2.6 The ground work confirmed the results of the airborne work, and the geochemical soil sampling survey indicated several areas containing anomalous amounts of gold (see accompanying maps).
- 2.7 In view of the encouraging preliminary results obtained, the author recommends further exploration work on the R.B. claims.

Respectfully submitted,

D.R. Cochrane, P. Eng.  
September 20, 1991  
Vancouver, British Columbia,

### **3. LOCATION AND ACCESS**

- 3.1 The R.B. claims are located some 600 air km (370 miles) north of Vancouver, B.C. and 710 air km (440 miles) due east of Edmonton, Alberta. Normal access is northwesterly from the mid central British Columbia city of Prince George, which is serviced by Canadian Airlines, Air B.C., and Aviair Aviation. Prince George lies at the junctions of Highways 97 and 16, and at the confluence of the Fraser River and Nechako River.
- 3.2 Normal access is northwesterly from Prince George on Highway 16 to the town of Vanderhoof (a distance of 97 km), then northerly on (paved) Highway 27 to the town of Fort St. James (a distance of 57 km).
- 3.3 The claims lie approximately 50 miles (80 km) north easterly from Fort St. James. There is no road access at this time, however, logging roads are considered for the area. Normal access is by helicopter from Fort St. James.

## LOCATION MAP



*COPY*  
ANTHIAN RESOURCES LTD.

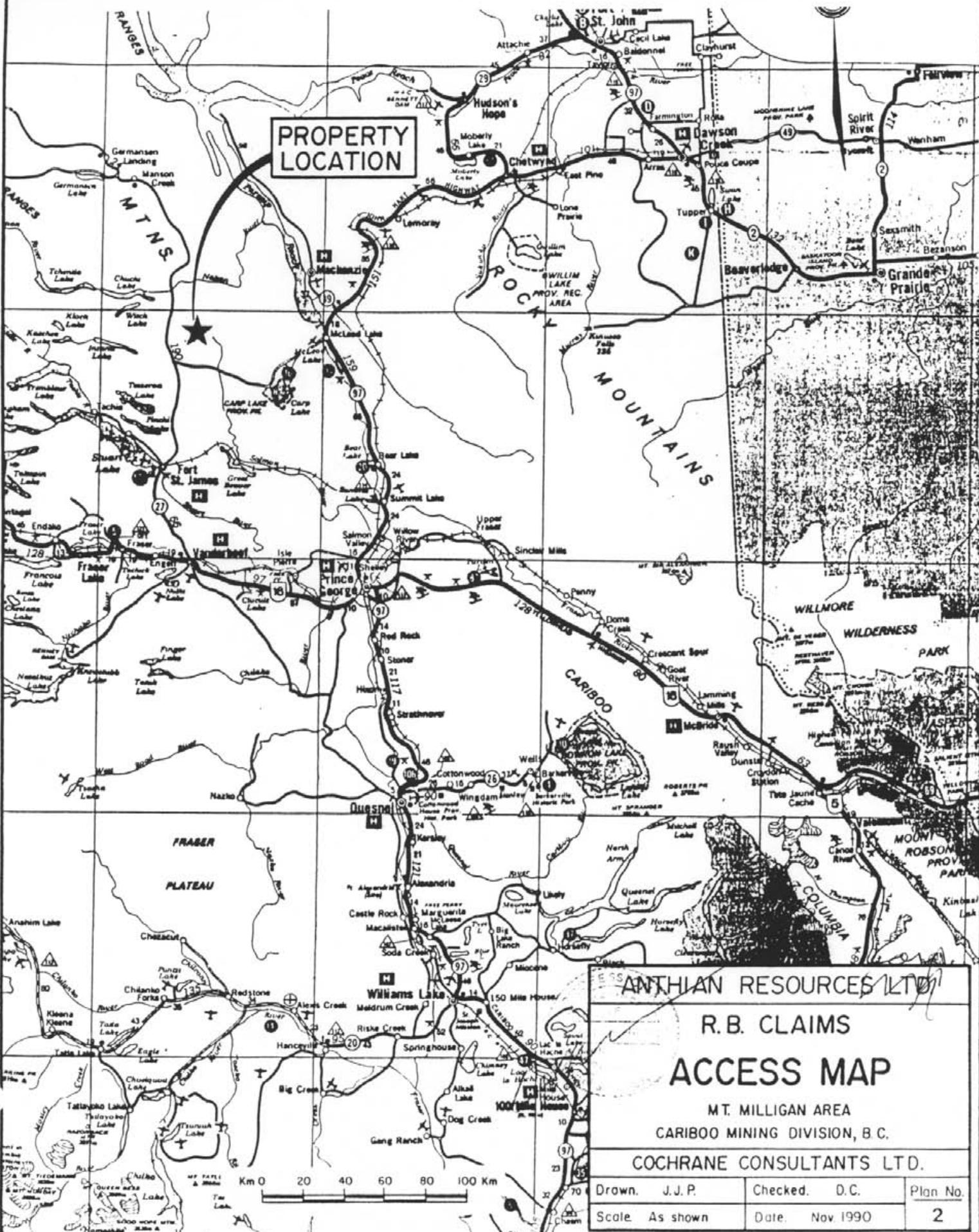
R.B. CLAIMS  
PROPERTY LOCATION

MT. MILLIGAN AREA  
CARIBOO MINING DIVISION, B.C.

COCHRANE CONSULTANTS LTD.

Drawn. J.J.P.	Checked. D.C.	Plan No.
Scale. As shown	Date. Nov. 1990	1

FIGURE 2 ACCESS MAP



#### 4. PROPERTY INFORMATION

- 4.1 The R.B. #1, #3, #5 and #6, a total of four (4) contiguous located lode mineral claims consist of seventy-two (72) units, each unit being 500 x 500 meters (25 hectares or 61.775 acres) or a total of 1800 hectares (4448 acres or approximately 6.95 square miles, more or less). The claims are located in the Cariboo Mining District Division of central British Columbia in NTS area code 93J/13W and 12W. Claims information details are as follows:

4.2

<u>CLAIM NAME</u>	<u>RECORD #</u>	<u># UNITS</u>	<u>DATE RECORDED</u>	<u>By (Agent for)</u>
R.B. #1	10451	20	March 21, 1990	E. Peters
R.B. #3	10521	16	April 20, 1990	J.J. Poloni
R.B. #5	10523	16	April 20, 1990	J.J. Poloni
R.B. #6	10524	20	April 20, 1990	J.J. Poloni

- 4.3 The claims were recently optioned to ANTHIAN RESOURCE CORP. of Vancouver, Canada. The legal title to the claims was not checked by the author.

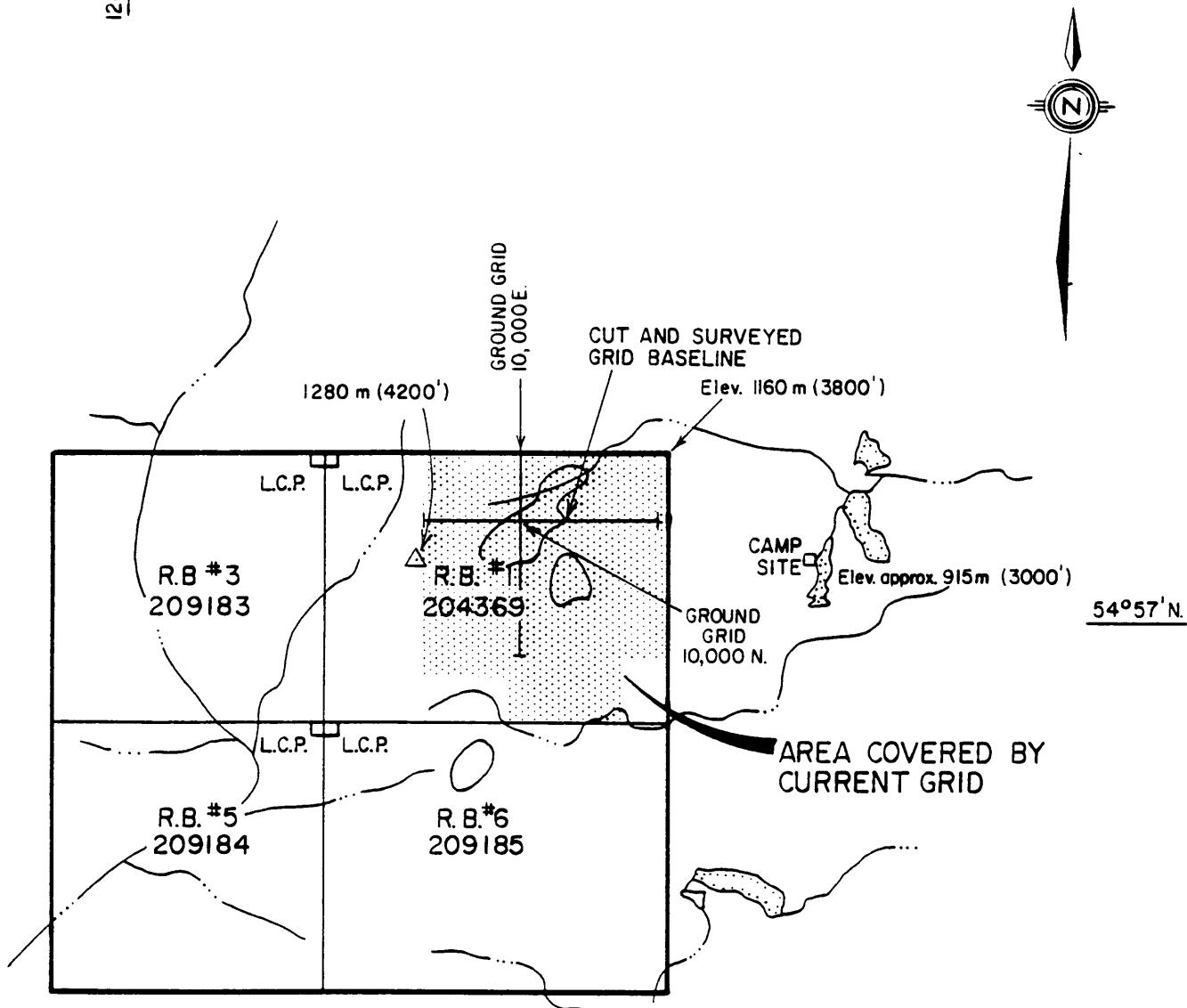


FIGURE 3 CLAIM MAP

MAG. SURVEY HIGH  
+58200 GAMMAS

ANTHIAN RESOURCE CORP.

R. B. #1, 3, 5, 6  
**CLAIM MAP**  
MINERAL TITLES REFERENCE MAP  
93J 13W  
MT. MILLIGAN AREA  
CARIBOO MINING DIVISION, B.C.

COCHRANE CONSULTANTS LTD.

Drawn.	J. J. P.	Checked.	D. C.	Plan No.
Scale.	1:50,000	Date.	July 10, 1991	3

Km 0      5      1      2      3 Km

## 5. GENERAL SETTING

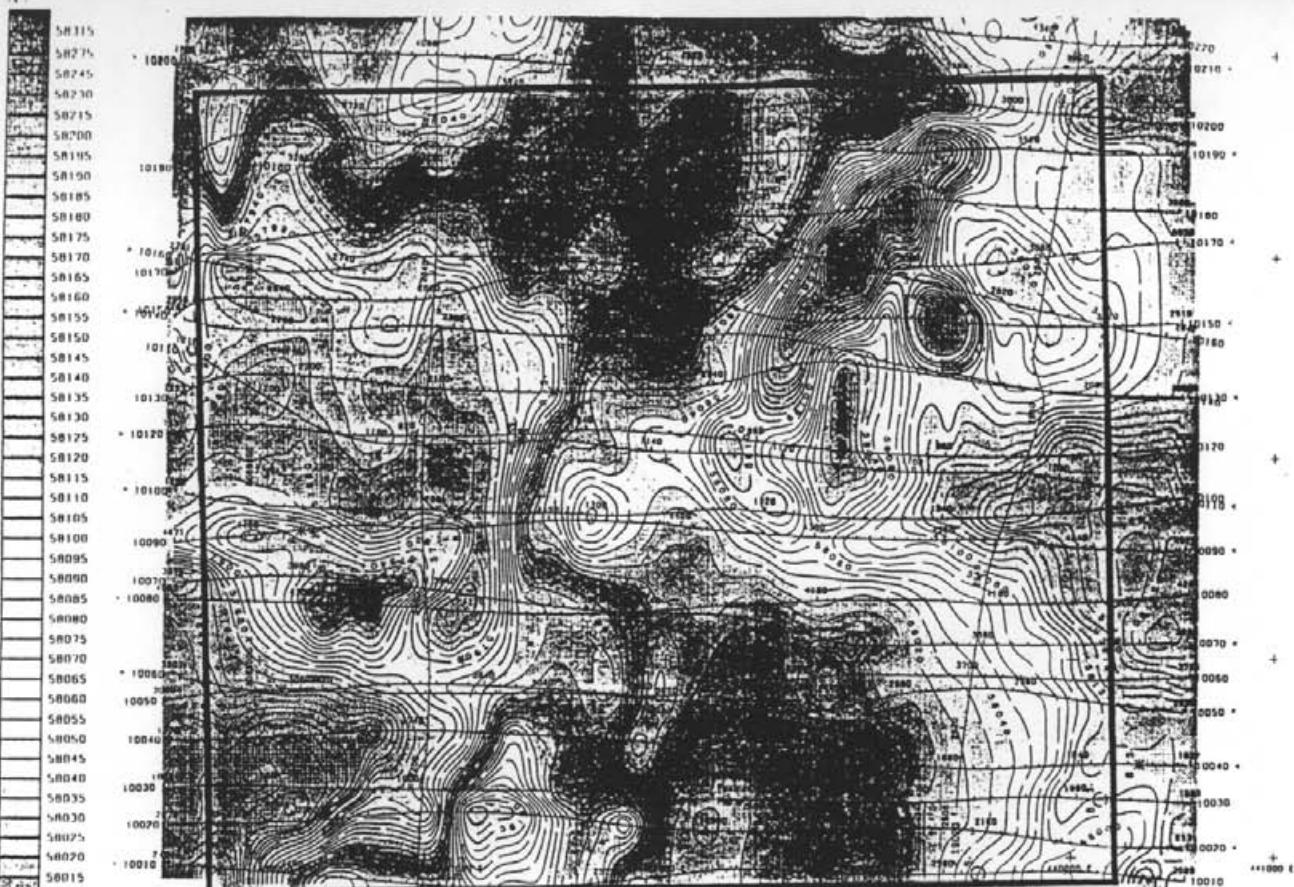
- 5.1 The Fort St. James - Mount Milligan area lies within the "Central Interior" physiographic division of the Western Canadian Cordillera. Generally, this area is made up of northwesterly trending valleys, flanked by a system of bounding mountain ranges of relatively moderate to moderately steep relief. Elevations range from lows of 670 meters (approximately 2200 feet) at Fort St. James, to peaks in excess of 1550 meters (approximately 5000 feet).
- 5.2 This mid-central area of British Columbia experiences cold winters and mild summers. The Fort St. James Chamber of Commerce reports the following:
- Elevation: 673 m. Longitude: 124° 15'W; Latitude: 54° 27'N
- Average frost free period: 73 days
- First frost, August; last frost, June 14
- Average winter temperature: -10° C
- Average summer temperature: +25° C
- Average annual precipitation: 10.6 cm (16 inches); and
- The winter snow pack in valleys seldom exceeds 1m (3 feet) but increases with increasing elevations.
- 5.3 In sympathy with climactic conditions, vegetation varies somewhat within the Mount Milligan - Fort St. James area. Willow and birch are common in valleys, and spruce, pine, fir and considerable "shintangle" are present at higher elevations.

- 5.4 Local industries include agriculture and ranching (in the valleys) logging, mining and tourism elsewhere. Road access north of Fort St. James is via gravel roads and logging and mining (often 4X4) tracks. Access to the R.B. claims is currently by foot or helicopter. Logging roads are currently being considered in the claims area.
- 5.5 Fort St. James is the closest town with a complete suite of service, (restaurants, motels, gas stations, various types of retail outlets), and has a population of approximately 2,000 (1986). Fixed wing and rotary wing aircraft are locally available for charter, in addition to boat and car rentals.

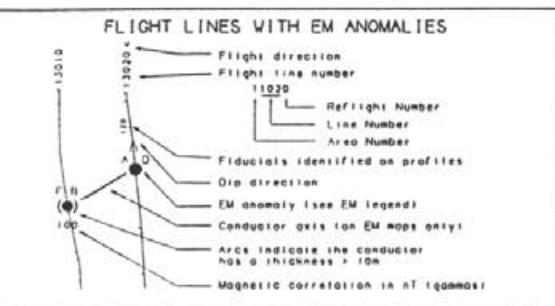
## 6. HISTORY

- 6.1 The claims were located on the strength of the government airborne magnetic results obtained in the Fort St. James-Mount Milligan area.

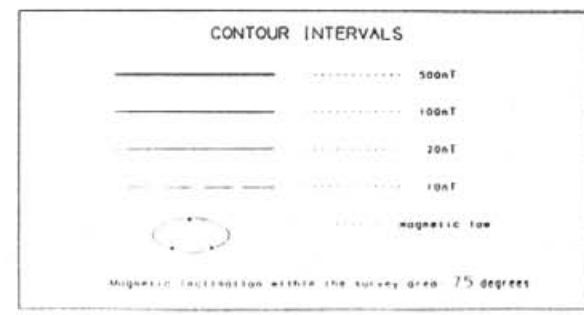
In the summer of 1990 the claims area was flown by Dighem Surveys of Mississauga, Ontario as part of an airborne geophysical reconnaissance as reported for Jeffco Holdings Ltd., September 13, 1990. A total of approximately 139 line km of survey was flown. During the period March to October a ground reconnaissance survey was completed by a seven man field crew.



R.B. CLAIMS



EM LEGEND		
Grade	Anomaly	Conductance
7	●	≥100 Siemens
6	●	50-100 Siemens
5	●	20-30 Siemens
4	●	10-20 Siemens
3	●	5-10 Siemens
2	○	1-5 Siemens
1	□	<1 Siemens
-	*	Questionable anomaly
 Interpretive symbol		
Anomaly identifier		
C1H		
Depth is greater than		
Inphase and quadrature of coherency of soil is greater than		
15 m	5 ppm	
30 m	10 ppm	
45 m	15 ppm	
60 m	20 ppm	
Conductor ('model')		
B Bedrock conductor		
D Narrow bedrock conductor ('thin dike')		
S Conductive cover ('horizontal thin sheet')		
H Broad conductive rock unit deep conductive bedrock ('half space')		
E Edge of broad conductor ('edge of half space')		
L Culture, e.g. power line, building, fence		



*Con P*

ANTHIAN RESOURCE LTD.		
R.B. CLAIMS		
TOTAL FIELD MAGNETICS		
MT MILLIGAN AREA CARIBOO MINING DIVISION, B.C.		
COCHRANE CONSULTANTS LTD.		
DRAWN	J.J.P.	CHECKED
RE-CHECKED	C.L. Johnson	DATE
PLAN No. A		

## 7. GENERAL GEOLOGY

- 7.1 The R.B. Group of mineral claims is located within the Omineca Arch, a geologic complex consisting of upper Triassic (and later) Takla Group volcanics and associated rocks, intruded by upper Jurassic (Ominica) intrusives extending through central British Columbia.
- 7.2 The Takla "Package" consists of andesitic and basaltic flows, tuffs, volcanic breccias, agglomerates, and intervolcanic sediments, including conglomerate, slates, limestone, greywacke and coal (the latter mainly upper part of the "Package"). This crumpled sandwich is intruded by stocks, sills and dikes of The Ominica Intrusives. The latter is made up of granodiorite, quartz diorite, diorite, granite, and syenite, gabbro and minor pyroxenite (ref. 10.3).
- 7.3 Locally, in the R.B. claims area, bedrock exposure is not extensive, and is limited to a few rock bluffs and some talus. Several terraces (stranded beaches) were noted by the author on R.B. claims. The remainder of the property is covered by various glacial debris, hill wash, and general overburden.
- 7.4 The limited bedrock exposure, and "float" on the R.B. claims consisted of a variety of greenstones including flows breccia and fragmentals. Some pyrite and traces of chalcopyrite was noted on the property, particularly in brecciated rocks.

## 8. SURVEY PROGRAMS 1990

- 8.1 The Digham airborne geophysical survey was carried out over the R.B. and PHIL claims during the period June 20 to June 25, 1990. Approximately 139 line kms of survey covered the R.B. claims as described in a report for Jeffco Holdings dated September 13, 1990. Survey results are reported in section 4 of the report.
- 8.2 During the summer, ground reconnaissance was initiated with work being completed in August. To compliment the airborne survey a seven man field crew completed 111.5 man-days of field work with 3.0 km of baseline, 24 line km of ground magnetometer, 24 line km of VLF-EM, and 4.0 km of geochemical survey grid being undertaken. Six rock samples and 45 biogeochemical samples were collected and analysed. A total of 360 soil samples of B-horizon material was collected. B-horizon soil depth was generally 12-18" or 30.5-45.72 cm. Sample material was collected using a mattock with samples being placed in kraft bags for delivery to Bondar Clegg for analysis.
- 8.3 Soil geochemical gold ranged in value from a low of < 5 ppb. to a high of 220 ppb. The average (mean) value was 5.7 ppb. Data processing (by Montgomery Consultants) of the biogeochemical results shows that gold correlates inversely moderately well with rubidium, but other correlations were of very low order (see Statistics Section 12). The biogeochemical test survey shows this methods of exploration is promising (see Section 13).
- 8.4 Ground magnetometer results confirmed the existence of the airborne anomaly covered by the R.B. claims. Background is close to 58,000 gammas, and peak values are in excess of 59,000 gammas (total field). (see Figure 5).

8.5 The Fraser filtered ground VLF-EM response is presented in Figure 6. It shows a EM response in sympathy with the airborne and ground magnetic response.

Field equipment used was a Geonic EM-16 unit and GFM-8 Magnetometer unit with the VLF-EM and magnetometer surveys being completed by J.J. Poloni and C.R. Poloni.

~~Maps included in the report were reduced to follow report requirements for the V.S.E. and Securities Commission.~~ TK.

The Dighem airborne geophysical report for Jeffco Holdings Ltd. dated September 13, 1990 covers, in part, surveys completed over the RB and Phil claims. A copy of this report was submitted for assessment credits on the Phil block. Additional copies of this report are not available of this date but could be obtained and submitted if required.

As stated by David E. Pritchard of Dighem "the R-B block contains no bedrock conductors. There are several anomalies indicated by "S?" which may be related to subsurface strata, but these are not discrete."

## 9. DISCUSSION

- 9.1 The R.B. claim cover an extensive area just south and slightly east of Continental Gold/Placer Dome deposit of Mount Milligan, in Central British Columbia.
- 9.2 The claims area is extensively overburdened and, therefore, indirect rather than physical methods of exploration will have to be heavily relied upon.
- 9.3 Recent geophysical, geochemical and limited geological work on the claims have resulted in several exploration anomalies worthy of further work.
- 9.4 Recommendations for further work on the property, and a cost estimate of work are outlined in the following section of this report.

## 10. RECOMMENDATIONS

- 10.1 Follow-up field work is recommended on the R.B. claims. This is to include an additional ground control grid, geochemical sampling and geophysical surveys.

Respectfully submitted,

D.R. Cochrane, P.Eng.  
September 20, 1991  
Vancouver, Canada

## 11. BIBLIOGRAPHY

- 11.1 George Cross Newsletter
  - (a) No. 207 (1990), October 25
  - (b) No. 192 (1990), October 3
- 11.2 Northern Miner, August 20, 1990
- 11.3 Armstrong, J.E. (1965) GSC Memoir 252, Fort St. James Map area, Cossiar and Coast Districts, British Columbia.

## 12. AUTHOR'S CERTIFICATE AND PERMISSION FOR USE

I Donald Robert Cochrane of the City of Vancouver, British Columbia, do hereby certify that:

- 12.1 I am a consulting geological engineer with an office at 701-675 W. Hastings St., Vancouver, B.C. V6B 1N2.
- 12.2 I am a graduate of the University of Toronto (1962) with a degree in Applied Geology (B.A. Sc.) and a graduate of Queen's University at Kingston Ontario (1964), with a degree in Geological Sciences (Engineering) (M.Sc., Eng.)
- 12.3 I have practised my profession continuously since graduation and have been previously employed by such companies as Noranda Exploration, Quebec Cartier Mines and Meridian Exploration Syndicate. I have been in private independent practice since 1969.
- 12.4 I am a member in good standing of the Association of Professional Engineers in the Provinces of Ontario, Saskatchewan, Alberta, British Columbia and the Yukon Territory; and member of the Registered Professional Engineers and Land Surveyors, State of Nevada (#6274).
- 12.5 This report is based on information kindly supplied by Mr. J. Poloni, my personal examination of the property in August 1990, and a review of recent exploration data.
- 12.6 I have no interest, either direct or indirect, in the properties or securities of the properties of Anthian Resource Corp. nor do I expect to receive or acquire any such interests.
- 12.7 This certificate constitutes my permission for use of this report in any official or unofficial communication the company may have, provided the context is maintained.

Dated at Vancouver, Canada, and revised, 20th day of September, 1991.



---

D.R. Cochrane, P. Eng.

**APPENDIX I**  
**SOIL SAMPLE RESULTS**

## ANTHIAN-RB PROJECT SOIL SAMPLES

## SIMPLE STATISTICS

Element	Unit	n	Mean	Median	Standard Deviation	Lowest Value	Highest Value	Coef. of Var.
AU	PPB	360	5.7	1.0	16.0	1.0	220.0	.280
NI	PPM	360	28.0	25.0	9.8	25.0	88.0	.35
CO	PPM	360	17.4	17.0	7.3	5.0	43.0	.42
AS	PPM	360	9.7	9.0	3.1	4.0	37.0	.32
SB	PPM	360	2.30	2.20	.50	1.30	4.80	.22
FE	%	360	5.41	5.40	.89	3.20	9.30	.16
BA	PPM	360	923.9	920.0	122.7	480.0	1200.0	.13
CR	PPM	360	199.9	190.0	48.4	100.0	450.0	.24
CS	PPM	360	3.6	3.0	1.7	1.0	15.0	.48
LA	PPM	360	16.6	16.0	3.5	8.0	36.0	.21
CE	PPM	360	32.9	33.0	9.1	5.0	70.0	.28
SM	PPM	360	3.54	3.40	.79	1.80	7.80	.22
SC	PPM	360	18.3	18.0	3.2	11.0	28.0	.17
HF	PPM	360	3.48	3.00	.92	1.00	6.00	.27
TH	PPM	360	3.87	3.80	.79	1.20	6.70	.21
U	PPM	360	1.81	1.80	.29	1.00	3.10	.16
NA	%	360	1.52	1.50	.20	.94	2.10	.13
BR	PPM	360	5.2	5.0	3.1	1.0	17.0	.59
RB	PPM	360	56.9	57.0	13.1	20.0	110.0	.23
CU	PPM	360	59.5	47.0	40.8	15.0	303.0	.69

NOTE - Coefficient of Variation = Standard Deviation / Mean

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
V7P 2R5  
(604) 985-0681 Telex 04-352667



# Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01886.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: JEFFCO HOLDINGS LTD.  
PROJECT: ANTHIAN-RB

SUBMITTED BY: J.J. POLONI  
DATE PRINTED: 14-SEP-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	6	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	6	0.2 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	6	1 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	6	2 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	6	1 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	6	1 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	6	1 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	6	1 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
9	Bi Bismuth	6	5 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
10	As Arsenic	6	5 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
11	Sb Antimony	6	5 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
12	Hg Mercury	6	0.010 PPM	HNO <sub>3</sub> -HCl-SnSO <sub>4</sub>	Cold Vapour AA
13	Fe Iron	6	0.01 PCT	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	6	0.01 PCT	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
15	Ba Barium	6	10 PPM		X-Ray Fluorescence
16	Cr Chromium	6	1 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma
17	W Tungsten	6	10 PPM	HNO <sub>3</sub> -HCl Hot Extr.	Ind. Coupled Plasma

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	4	2 -150	6	CRUSH,PULVERIZE -150	4
C CONCENTRATE (PAN/HM)	2			SAMPLE SPLIT	2

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PROJECT: ANTHIAN-RB

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Bi PPM	As PPM	Sb PPM
R2 AR1		5	0.7	69	5	75	<1	47	22	<5	9	<5
R2 AR2		25	0.6	47	7	54	2	21	28	<5	11	<5
R2 AR3		<5	0.5	99	5	25	<1	40	18	<5	24	<5
R2 AR4		28	1.0	453	4	48	<1	100	43	5	22	<5
C2 AP1		<5	0.5	29	5	88	<1	37	17	<5	9	<5
C2 AP2		<5	0.7	34	5	109	<1	39	18	<5	10	<5

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REPORT: V90-01886.0

PROJECT: ANTHIAN-R8

PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Fe PCT	Mn PCT	Ba PPM	Cr PPM	W PPM
R2 AR1		0.086	7.65	0.08	440	78	<10
R2 AR2		0.055	5.31	0.05	1400	45	<10
R2 AR3		0.045	4.37	0.04	870	60	<10
R2 AR4		0.407	>10.00	0.08	610	409	<10
C2 AP1		0.114	5.62	0.08	1000	104	<10
C2 AP2		0.156	6.45	0.12	1100	117	<10

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PROJECT: ANTHIAN-RB

SUBMITTED BY: J.J. POLONI  
DATE PRINTED: 14-SEP-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	156	5 PPB	Not applicable
2	Ir	Iridium	156	100 PPB	Not applicable
3	Ag	Silver	156	5 PPM	Not applicable
4	Zn	Zinc	156	200 PPM	Not applicable
5	Mo	Molybdenum	156	2 PPM	Not applicable
6	Ni	Nickel	156	50 PPM	Not applicable
7	Co	Cobalt	156	10 PPM	Not applicable
8	Cd	Cadmium	156	10 PPM	Not applicable
9	As	Arsenic	156	1 PPM	Not applicable
10	Sb	Antimony	156	0.2 PPM	Not applicable
11	Fe	Iron	156	0.5 PCT	Not applicable
12	Se	Selenium	156	10 PPM	Not applicable
13	Te	Tellurium	156	20 PPM	Not applicable
14	Ba	Barium	156	100 PPM	Not applicable
15	Cr	Chromium	156	50 PPM	Not applicable
16	Sn	Tin	156	200 PPM	Not applicable
17	W	Tungsten	156	2 PPM	Not applicable
18	Cs	Cesium	156	1 PPM	Not applicable
19	La	Lanthanum	156	5 PPM	Not applicable
20	Ce	Cerium	156	10 PPM	Not applicable
21	Sm	Samarium	156	0.1 PPM	Not applicable
22	Eu	Europium	156	2 PPM	Not applicable
23	Tb	Terbium	156	1 PPM	Not applicable
24	Yb	Ytterbium	156	5 PPM	Not applicable
25	Lu	Lutetium	156	0.5 PPM	Not applicable
26	Sc	Scandium	156	0.5 PPM	Not applicable
27	Hf	Hafnium	156	2 PPM	Not applicable
28	Ta	Tantalum	156	1 PPM	Not applicable
29	Th	Thorium	156	0.5 PPM	Not applicable
30	U	Uranium	156	0.5 PPM	Not applicable
31	Na	Sodium	156	0.05 PCT	Not applicable
32	Br	Bromine	156	1 PPM	Not applicable
33	Rb	Rubidium	156	10 PPM	Not applicable
34	Zr	Zirconium	156	500 PPM	Not applicable
35	Cu	Copper	156	1 PPM	HNO <sub>3</sub> -HCl Hot Extr.      Atomic Absorption

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
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V7P 2R5  
(604) 985-0681 Telex 04-352667



**Geochemical  
Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01887.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: JEFFCO HOLDINGS LTD.  
PROJECT: ANTHIAN-RB

SUBMITTED BY: J.J. POLONI  
DATE PRINTED: 14-SEP-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	156	1 -80	156	DRY, SIEVE -80	156

REPORT COPIES TO: 314-1000 BOWRON CRT.  
COCHRANE CONSULTANTS

INVOICE TO: 314-1000 BOWRON CRT.

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-SEP-90

REPORT: V90-01887.0

PROJECT: ANTHIAN-RB

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS1		5	<100	<5	<200	<2	<50	14	<10	10	2.6	5.2	<10
S1 AS2		<5	<100	<5	<200	<2	<50	17	<10	9	2.8	5.2	<10
S1 AS3		6	<100	<5	<200	3	<50	29	<10	7	1.9	4.3	<10
S1 AS4		<5	<100	<5	<200	2	<50	26	<10	10	2.5	5.7	<10
S1 AS5		<5	<100	<5	<200	2	<50	36	<10	9	2.7	5.7	<10
S1 AS6		<5	<100	<5	<200	<2	<50	17	<10	9	2.4	5.6	<10
S1 AS7		5	<100	<5	<200	<2	<50	43	<10	10	2.2	5.5	<10
S1 AS8		5	<100	5	<200	<2	<50	37	<10	13	2.2	6.2	<10
S1 AS9		5	<100	<5	<200	<2	<50	20	<10	9	2.2	5.3	<10
S1 AS10		9	<100	<5	<200	3	<50	23	<10	11	2.7	5.6	<10
S1 AS11		6	<100	<5	<200	<2	<50	18	<10	9	2.1	4.9	<10
S1 AS12		12	<100	<5	<200	<2	<50	27	<10	9	2.0	4.9	<10
S1 AS13		8	<100	<5	<200	<2	<50	12	<10	8	1.9	4.3	<10
S1 AS14		7	<100	<5	<200	3	<50	19	<10	10	2.2	5.5	<10
S1 AS15		6	<100	<5	<200	<2	<50	17	<10	9	1.9	4.3	<10
S1 AS16		<5	<100	<5	<200	<2	<50	13	<10	9	2.0	5.7	<10
S1 AS17		<5	<100	<5	<200	<2	<50	24	<10	12	2.4	6.4	<10
S1 AS18		15	<100	<5	<200	<2	<50	12	<10	9	2.0	4.6	<10
S1 AS19		<5	<100	<5	<200	<2	<50	21	<10	10	2.3	5.9	<10
S1 AS20		75	<100	<5	<200	<2	<50	17	<10	9	2.5	5.1	<10
S1 AS21		7	<100	<5	<200	<2	<50	22	<10	11	2.2	5.2	<10
S1 AS22		<5	<100	<5	<200	<2	<50	11	<10	7	2.8	5.2	<10
S1 AS23		<5	<100	<5	<200	<2	<50	17	<10	7	2.3	4.0	<10
S1 AS24		12	<100	<5	<200	<2	<50	20	<10	9	2.1	5.3	<10
S1 AS25		<5	<100	<5	<200	<2	56	21	<10	13	2.6	6.6	<10
S1 AS26		<5	<100	<5	<200	<2	<50	24	<10	10	2.8	5.9	<10
S1 AS27		7	<100	<5	<200	<2	<50	23	<10	9	2.7	6.3	<10
S1 AS28		<5	<100	<5	<200	<2	<50	14	<10	13	2.9	5.8	<10
S1 AS29		<5	<100	<5	<200	2	<50	27	<10	13	3.3	6.5	<10
S1 AS30		<5	<100	<5	<200	<2	<50	20	<10	12	2.8	6.2	<10
S1 AS31		<5	<100	<5	<200	<2	<50	24	<10	14	2.4	6.3	<10
S1 AS32		<5	<100	<5	<200	<2	52	19	<10	36	4.4	6.8	<10
S1 AS33		<5	<100	<5	<200	<2	<50	20	<10	12	3.6	5.7	<10
S1 AS34		<5	<100	<5	<200	<2	<50	25	<10	11	2.8	6.3	<10
S1 AS35		<5	<100	<5	<200	<2	<50	12	<10	7	1.9	4.9	<10
S1 AS36		<5	<100	<5	<200	<2	<50	15	<10	10	1.7	5.5	<10
S1 AS37		<5	<100	<5	<200	<2	<50	26	<10	12	2.8	5.2	<10
S1 AS38		9	<100	<5	<200	<2	<50	19	<10	10	2.4	5.2	<10
S1 AS39		<5	<100	<5	<200	<2	<50	12	<10	9	2.2	4.8	<10
S1 AS40		7	<100	6	<200	<2	<50	13	<10	7	2.3	4.2	<10

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-SEP-90

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PROJECT: ANTHIAN-RB

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS1	<20	860	130	<200	<2	3	14	26	3.0	<2	<1	<5	
S1 AS2	<20	870	140	<200	<2	2	16	31	3.2	<2	<1	<5	
S1 AS3	<20	740	110	<200	<2	5	36	45	7.4	<2	1	<5	
S1 AS4	<20	880	170	<200	<2	3	14	39	2.9	<2	<1	<5	
S1 AS5	<20	780	150	<200	<2	4	18	35	3.7	<2	<1	<5	
S1 AS6	<20	800	170	<200	<2	7	20	31	3.7	<2	<1	<5	
S1 AS7	<20	650	150	<200	<2	7	23	45	4.9	3	1	<5	
S1 AS8	<20	870	170	<200	<2	3	24	39	4.7	<2	<1	<5	
S1 AS9	<20	810	140	<200	<2	3	24	40	4.4	<2	<1	<5	
S1 AS10	<20	840	160	<200	<2	3	18	36	3.2	<2	<1	<5	
S1 AS11	<20	730	170	<200	<2	3	21	36	3.5	<2	<1	<5	
S1 AS12	<20	780	140	<200	<2	2	19	33	3.6	<2	<1	<5	
S1 AS13	<20	750	150	<200	<2	3	19	32	3.4	<2	<1	<5	
S1 AS14	<20	770	170	<200	<2	3	18	37	3.5	2	<1	<5	
S1 AS15	<20	790	130	<200	<2	2	21	33	3.9	<2	<1	<5	
S1 AS16	<20	730	170	<200	<2	3	16	22	2.8	<2	<1	<5	
S1 AS17	<20	870	210	<200	<2	3	15	33	3.0	<2	<1	<5	
S1 AS18	<20	740	180	<200	<2	2	15	25	2.8	<2	<1	<5	
S1 AS19	<20	810	170	<200	<2	2	14	21	2.8	<2	<1	<5	
S1 AS20	<20	970	200	<200	<2	3	15	24	3.3	<2	<1	<5	
S1 AS21	<20	840	150	<200	<2	4	17	25	3.2	<2	<1	<5	
S1 AS22	<20	830	170	<200	<2	3	19	28	3.4	<2	<1	<5	
S1 AS23	<20	900	170	<200	<2	3	21	40	3.7	<2	<1	<5	
S1 AS24	<20	800	160	<200	<2	4	21	34	3.5	<2	<1	<5	
S1 AS25	<20	930	200	<200	<2	3	14	33	2.9	<2	<1	<5	
S1 AS26	<20	1000	180	<200	<2	4	14	21	2.7	<2	<1	<5	
S1 AS27	<20	850	130	<200	<2	4	19	29	3.2	<2	<1	<5	
S1 AS28	<20	760	180	<200	<2	5	21	42	3.5	<2	<1	<5	
S1 AS29	<20	840	240	<200	<2	3	15	33	3.1	<2	<1	<5	
S1 AS30	<20	1000	190	<200	<2	4	13	18	2.6	<2	<1	<5	
S1 AS31	<20	870	210	<200	<2	2	15	26	3.0	<2	<1	<5	
S1 AS32	<20	720	150	<200	<2	3	12	<10	2.4	<2	<1	<5	
S1 AS33	<20	760	200	<200	<2	4	18	36	3.0	<2	<1	<5	
S1 AS34	<20	1100	250	<200	<2	3	13	22	2.4	<2	<1	<5	
S1 AS35	<20	850	160	<200	2	3	18	32	3.3	<2	<1	<5	
S1 AS36	<20	890	140	<200	<2	3	18	28	3.0	<2	<1	<5	
S1 AS37	<20	770	100	<200	<2	4	10	20	2.4	<2	<1	<5	
S1 AS38	<20	940	180	<200	<2	2	15	20	3.3	<2	<1	<5	
S1 AS39	<20	790	140	<200	<2	4	19	41	3.8	<2	<1	<5	
S1 AS40	<20	820	120	<200	<2	4	18	31	3.1	<2	<1	<5	

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-SEP-90

REPORT: V90-01887.0

PROJECT: ANTHIAN-RB

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS1	<0.5	16.0	3	<1	3.4	1.7	1.40	3	45	<500	34	
S1 AS2	<0.5	19.0	3	<1	3.4	1.8	1.70	2	46	<500	26	
S1 AS3	0.6	27.0	3	<1	4.4	2.6	1.40	6	45	<500	209	
S1 AS4	<0.5	23.0	3	<1	2.9	1.5	1.80	4	51	<500	67	
S1 AS5	<0.5	26.0	<2	<1	3.2	1.6	1.60	7	59	<500	93	
S1 AS6	<0.5	21.0	3	<1	3.6	1.9	1.50	6	50	<500	124	
S1 AS7	<0.5	28.0	2	<1	3.6	1.9	1.20	8	47	<500	219	
S1 AS8	<0.5	26.0	3	<1	4.7	2.2	1.50	8	58	<500	139	
S1 AS9	0.5	24.0	4	<1	4.2	2.0	1.80	5	57	<500	90	
S1 AS10	<0.5	22.0	2	<1	3.7	1.8	1.90	2	53	<500	55	
S1 AS11	<0.5	20.0	3	<1	4.4	2.0	1.70	8	53	<500	57	
S1 AS12	<0.5	19.0	3	<1	3.6	1.7	1.60	7	43	<500	53	
S1 AS13	<0.5	18.0	3	<1	3.3	1.8	1.50	5	36	<500	72	
S1 AS14	<0.5	20.0	3	<1	3.8	1.7	1.70	7	49	<500	68	
S1 AS15	<0.5	20.0	3	<1	4.0	2.0	1.70	9	46	570	73	
S1 AS16	<0.5	19.0	3	<1	3.5	1.5	1.60	7	45	<500	31	
S1 AS17	<0.5	22.0	3	<1	3.1	1.6	1.80	7	37	<500	39	
S1 AS18	<0.5	19.0	3	<1	3.0	1.6	1.60	4	43	<500	31	
S1 AS19	<0.5	20.0	2	<1	3.1	1.6	1.60	7	37	<500	42	
S1 AS20	<0.5	17.0	4	<1	3.6	1.8	1.60	3	52	<500	26	
S1 AS21	<0.5	19.0	3	<1	3.6	1.7	1.60	8	45	<500	54	
S1 AS22	<0.5	19.0	4	<1	3.8	1.9	1.50	7	42	<500	32	
S1 AS23	<0.5	19.0	4	<1	4.1	2.0	1.60	4	45	<500	31	
S1 AS24	<0.5	19.0	4	<1	4.1	1.9	1.50	4	49	<500	32	
S1 AS25	<0.5	22.0	3	<1	3.4	1.6	1.80	4	51	<500	47	
S1 AS26	<0.5	23.0	3	<1	2.9	1.6	1.90	<1	63	<500	41	
S1 AS27	<0.5	19.0	3	<1	4.0	1.6	1.50	7	63	<500	37	
S1 AS28	<0.5	20.0	5	<1	4.6	1.9	1.50	<1	66	<500	26	
S1 AS29	<0.5	24.0	3	<1	3.1	1.4	1.50	12	63	<500	47	
S1 AS30	<0.5	23.0	3	<1	2.8	1.4	1.70	2	69	<500	45	
S1 AS31	<0.5	24.0	3	<1	2.5	1.7	1.70	6	34	<500	62	
S1 AS32	<0.5	23.0	<2	<1	2.3	1.4	1.20	8	43	<500	89	
S1 AS33	<0.5	23.0	3	<1	3.3	1.6	1.70	6	42	<500	33	
S1 AS34	<0.5	22.0	2	<1	2.5	1.3	1.90	2	54	<500	40	
S1 AS35	<0.5	18.0	4	<1	4.0	1.8	1.60	2	50	<500	24	
S1 AS36	<0.5	17.0	3	<1	4.1	1.7	1.60	2	57	<500	38	
S1 AS37	<0.5	15.0	<2	<1	2.8	1.3	1.10	7	58	<500	40	
S1 AS38	<0.5	19.0	3	<1	3.1	1.8	1.70	4	44	<500	31	
S1 AS39	<0.5	18.0	3	<1	3.8	1.9	1.50	6	47	<500	35	
S1 AS40	<0.5	17.0	4	<1	4.0	1.6	1.50	2	92	<500	23	

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PROJECT: ANTHIAN-RB

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS41		<5	<100	<5	<200	<2	<50	<10	<10	5	1.8	3.9	<10
S1 AS42		<5	<100	<5	<200	2	<50	<10	<10	7	1.4	3.5	<10
S1 AS43		7	<100	<5	<200	2	<50	<10	<10	7	1.8	3.9	<10
S1 AS44		<5	<100	<5	<200	<2	<50	11	<10	7	2.9	5.2	<10
S1 AS45		<5	<100	<5	<200	2	<50	15	<10	9	2.3	6.0	<10
S1 AS46		<5	<100	<5	<200	<2	<50	10	<10	9	2.1	5.4	<10
S1 AS47		<5	<100	<5	<200	<2	<50	<10	<10	10	2.0	6.5	<10
S1 AS48		<5	<100	<5	<200	<2	<50	16	<10	7	2.1	4.6	<10
S1 AS49		<5	<100	<5	<200	<2	<50	17	<10	9	2.1	5.5	<10
S1 AS50		12	<100	<5	<200	<2	<50	11	<10	7	1.9	4.3	<10
S1 AS51		9	<100	<5	<200	<2	<50	18	<10	8	2.3	4.9	<10
S1 AS52		11	<100	<5	<200	<2	<50	19	<10	9	2.2	4.8	<10
S1 AS53		6	<100	5	<200	<2	<50	23	<10	10	1.6	5.0	<10
S1 AS54		12	<100	<5	<200	<2	<50	32	<10	9	2.2	5.1	<10
S1 AS55		9	<100	<5	<200	<2	<50	28	<10	9	2.1	5.0	<10
S1 AS56		10	<100	<5	<200	2	<50	24	<10	10	2.7	4.1	<10
S1 AS57		<5	<100	<5	<200	2	<50	21	<10	10	2.3	4.5	<10
S1 AS58		<5	<100	<5	<200	<2	<50	19	<10	10	2.5	5.1	<10
S1 AS59		<5	<100	<5	<200	<2	<50	20	<10	11	2.2	5.4	<10
S1 AS60		<5	<100	<5	<200	3	<50	20	<10	11	1.9	5.5	<10
S1 AS61		<5	<100	<5	<200	3	<50	32	<10	8	1.8	4.4	<10
S1 AS62		<5	<100	<5	<200	2	<50	22	<10	8	2.6	6.1	<10
S1 AS63		<5	<100	<5	<200	3	<50	13	<10	8	2.3	4.7	<10
S1 AS64		<5	<100	<5	<200	<2	<50	23	<10	10	2.0	6.3	<10
S1 AS65		<5	<100	<5	<200	<2	<50	28	<10	11	2.3	7.1	<10
S1 AS66		<5	<100	<5	<200	<2	<50	21	<10	8	2.3	6.1	<10
S1 AS67		<5	<100	<5	<200	4	<50	22	<10	11	2.2	9.3	<10
S1 AS68		<5	<100	<5	<200	2	<50	21	<10	11	2.4	6.8	<10
S1 AS69		<5	<100	<5	<200	<2	<50	37	<10	10	2.1	6.1	<10
S1 AS70		<5	<100	<5	<200	<2	<50	29	<10	10	2.1	6.3	<10
S1 AS71		<5	<100	<5	<200	<2	<50	36	<10	10	2.6	6.9	<10
S1 AS72		<5	<100	<5	<200	<2	<50	32	<10	10	2.4	6.1	<10
S1 AS73		<5	<100	<5	<200	<2	<50	15	<10	9	2.3	3.7	<10
S1 AS74		<5	<100	<5	<200	<2	<50	35	<10	14	2.8	6.4	<10
S1 AS75		<5	<100	<5	<200	3	<50	13	<10	10	2.2	6.5	<10
S1 AS76		<5	<100	<5	<200	<2	<50	15	<10	9	2.1	5.7	<10
S1 AS77		<5	<100	<5	<200	<2	<50	<10	<10	5	1.9	3.6	<10
S1 AS78		12	<100	<5	<200	<2	<50	26	<10	10	2.7	6.3	<10
S1 AS79		<5	<100	<5	<200	<2	<50	35	<10	11	3.1	6.9	<10
S1 AS80		<5	<100	<5	<200	<2	70	40	<10	8	3.6	7.1	<10

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PROJECT: ANTHIAN-RB

PAGE 2B

SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS41	<20	820	160	<200	<2	2	22	36	3.8	<2	<1	<5	
S1 AS42	<20	770	130	<200	<2	2	19	43	3.2	<2	<1	<5	
S1 AS43	<20	860	160	<200	<2	2	17	35	3.2	<2	<1	<5	
S1 AS44	<20	900	170	<200	<2	3	17	26	3.2	<2	<1	<5	
S1 AS45	<20	790	200	<200	<2	3	17	31	3.3	<2	<1	<5	
S1 AS46	<20	810	180	<200	2	3	18	33	3.1	<2	<1	<5	
S1 AS47	<20	760	200	<200	<2	3	18	32	3.2	<2	<1	<5	
S1 AS48	<20	830	180	<200	<2	2	19	31	3.4	<2	<1	<5	
S1 AS49	<20	730	180	<200	<2	2	16	25	2.8	<2	<1	<5	
S1 AS50	<20	930	170	<200	3	2	22	38	3.5	<2	<1	<5	
S1 AS51	<20	970	150	<200	<2	3	17	25	3.1	<2	<1	<5	
S1 AS52	<20	890	170	<200	<2	3	18	35	3.4	<2	<1	<5	
S1 AS53	<20	740	170	<200	<2	3	20	36	3.5	<2	<1	<5	
S1 AS54	<20	830	130	<200	<2	3	19	33	3.5	<2	<1	<5	
S1 AS55	<20	780	140	<200	<2	3	19	28	4.2	<2	<1	<5	
S1 AS56	<20	870	120	<200	<2	3	18	24	4.8	<2	<1	<5	
S1 AS57	<20	830	140	<200	<2	3	17	31	3.7	<2	<1	<5	
S1 AS58	<20	740	170	<200	2	3	17	21	3.8	<2	<1	<5	
S1 AS59	<20	760	140	<200	<2	3	17	26	3.4	<2	<1	<5	
S1 AS60	<20	740	160	<200	<2	4	20	36	3.9	<2	<1	<5	
S1 AS61	<20	570	140	<200	<2	9	22	31	5.2	<2	<1	<5	
S1 AS62	<20	940	130	<200	<2	4	20	34	3.4	<2	<1	<5	
S1 AS63	<20	840	120	<200	<2	3	20	43	3.4	<2	<1	<5	
S1 AS64	<20	740	150	<200	<2	4	17	23	3.2	<2	<1	<5	
S1 AS65	<20	810	180	<200	<2	4	14	24	2.9	<2	<1	<5	
S1 AS66	<20	880	170	<200	<2	4	18	33	3.3	<2	<1	<5	
S1 AS67	<20	480	190	<200	<2	2	12	26	2.1	<2	<1	<5	
S1 AS68	<20	680	240	<200	<2	4	18	36	3.0	<2	<1	<5	
S1 AS69	<20	780	190	<200	<2	7	21	41	4.2	<2	<1	<5	
S1 AS70	<20	840	220	<200	<2	3	16	30	3.4	<2	1	<5	
S1 AS71	<20	730	230	<200	<2	4	13	18	2.8	<2	<1	<5	
S1 AS72	<20	840	170	<200	<2	8	14	20	2.8	<2	<1	<5	
S1 AS73	<20	950	140	<200	<2	4	15	21	3.1	<2	<1	<5	
S1 AS74	<20	700	160	<200	<2	3	13	20	2.8	<2	<1	<5	
S1 AS75	<20	760	170	<200	<2	5	15	27	2.9	<2	<1	<5	
S1 AS76	<20	890	120	<200	2	2	21	34	3.7	<2	<1	<5	
S1 AS77	<20	910	100	<200	<2	4	26	40	4.4	<2	<1	<5	
S1 AS78	<20	800	150	<200	<2	7	12	20	2.5	<2	<1	<5	
S1 AS79	<20	850	160	<200	<2	5	12	25	2.8	<2	<1	<5	
S1 AS80	<20	1100	190	<200	<2	10	11	23	2.9	<2	<1	<5	

Bondar-Clegg & Company Ltd.  
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# Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-SEP-90

REPORT: V90-01887.0

PROJECT: ANTHIAN-RB

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS41	<0.5	16.0	5	<1	4.7	2.3	1.60	4	44	<500	15	
S1 AS42	<0.5	14.0	4	<1	4.3	2.1	1.40	8	46	<500	23	
S1 AS43	<0.5	17.0	4	<1	4.0	2.0	1.50	4	42	<500	29	
S1 AS44	<0.5	19.0	3	<1	3.5	1.8	1.70	4	53	<500	29	
S1 AS45	<0.5	21.0	3	<1	3.6	1.9	1.60	5	40	<500	34	
S1 AS46	<0.5	18.0	3	<1	3.5	1.8	1.60	5	38	<500	25	
S1 AS47	<0.5	20.0	5	<1	3.7	1.8	1.60	5	46	<500	27	
S1 AS48	<0.5	20.0	3	<1	3.6	1.8	1.80	3	51	<500	32	
S1 AS49	<0.5	19.0	3	<1	3.1	1.7	1.60	5	40	<500	26	
S1 AS50	<0.5	18.0	4	<1	4.2	1.9	1.90	2	61	<500	29	
S1 AS51	<0.5	20.0	4	<1	3.2	1.8	1.90	1	42	<500	31	
S1 AS52	<0.5	19.0	3	<1	3.1	1.8	1.90	3	39	<500	45	
S1 AS53	<0.5	18.0	3	<1	3.7	2.0	1.50	9	37	<500	105	
S1 AS54	<0.5	22.0	4	<1	3.5	1.7	1.70	4	54	<500	89	
S1 AS55	<0.5	22.0	3	<1	3.8	2.0	1.50	8	40	<500	105	
S1 AS56	<0.5	19.0	2	<1	3.7	2.2	1.20	7	59	<500	132	
S1 AS57	<0.5	18.0	3	<1	3.7	2.1	1.40	6	55	<500	93	
S1 AS58	<0.5	21.0	3	<1	3.8	2.4	1.50	9	49	<500	101	
S1 AS59	<0.5	19.0	3	<1	3.4	1.8	1.40	9	46	<500	77	
S1 AS60	<0.5	19.0	3	<1	3.7	1.9	1.30	12	34	<500	116	
S1 AS61	<0.5	24.0	3	<1	3.3	1.8	1.10	11	31	<500	303	
S1 AS62	<0.5	19.0	3	<1	4.2	2.0	1.70	2	49	<500	30	
S1 AS63	<0.5	18.0	4	<1	4.4	2.0	1.60	2	42	<500	23	
S1 AS64	<0.5	22.0	3	<1	3.5	1.7	1.70	7	39	<500	43	
S1 AS65	<0.5	27.0	2	<1	2.4	1.5	2.00	5	40	<500	47	
S1 AS66	<0.5	24.0	3	<1	3.4	1.7	2.00	3	48	<500	30	
S1 AS67	<0.5	21.0	<2	<1	2.2	1.5	1.20	10	20	<500	54	
S1 AS68	<0.5	24.0	3	<1	3.7	1.7	1.60	4	51	<500	36	
S1 AS69	0.5	27.0	4	<1	4.0	1.9	1.60	5	40	<500	68	
S1 AS70	<0.5	26.0	3	<1	2.8	1.5	1.90	2	37	<500	48	
S1 AS71	<0.5	24.0	<2	<1	2.4	1.3	1.50	11	34	<500	64	
S1 AS72	<0.5	25.0	<2	<1	2.6	1.6	1.60	2	55	<500	73	
S1 AS73	<0.5	17.0	2	<1	3.6	2.0	1.30	5	72	<500	38	
S1 AS74	<0.5	20.0	2	<1	3.3	1.4	1.30	14	37	<500	72	
S1 AS75	<0.5	17.0	3	<1	3.9	1.7	1.40	4	46	<500	42	
S1 AS76	<0.5	19.0	4	<1	4.1	1.9	1.60	2	35	<500	24	
S1 AS77	<0.5	19.0	5	1	5.3	2.3	1.50	5	44	<500	15	
S1 AS78	<0.5	22.0	<2	<1	2.5	1.4	1.60	5	32	<500	59	
S1 AS79	<0.5	25.0	<2	<1	3.1	1.5	1.80	4	37	<500	49	
S1 AS80	<0.5	20.0	<2	<1	2.9	1.5	1.50	1	54	<500	94	

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PROJECT: ANTHIAN-RB

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS81		<5	<100	<5	<200	<2	<50	13	<10	7	2.9	5.2	<10
S1 AS82		<5	<100	<5	<200	<2	<50	15	<10	9	2.9	6.9	<10
S1 AS83		<5	<100	<5	<200	<2	<50	17	<10	10	2.2	6.6	<10
S1 AS84		<5	<100	<5	<200	<2	<50	19	<10	9	3.3	6.4	<10
S1 AS85		<5	<100	<5	<200	<2	<50	21	<10	11	3.8	6.3	<10
S1 AS86		<5	<100	<5	<200	<2	<50	20	<10	8	3.0	5.7	<10
S1 AS87		<5	<100	<5	<200	<2	<50	16	<10	9	3.9	7.1	<10
S1 AS88		<5	<100	<5	<200	<2	<50	20	<10	9	3.3	7.0	<10
S1 AS89		<5	<100	<5	<200	<2	<50	24	<10	8	3.5	6.7	<10
S1 AS90		<5	<100	<5	<200	<2	<50	<10	<10	9	2.1	5.4	<10
S1 AS91		<5	<100	<5	<200	<2	<50	11	<10	6	2.3	5.6	<10
S1 AS92		<5	<100	<5	<200	<2	<50	12	<10	8	2.5	5.9	<10
S1 AS93		<5	<100	<5	<200	<2	51	28	<10	10	2.3	5.4	<10
S1 AS95		7	<100	<5	<200	<2	70	28	<10	10	2.7	5.5	<10
S1 AS96		9	<100	<5	<200	<2	<50	15	<10	11	2.6	5.5	<10
S1 AS97		5	<100	<5	<200	<2	51	26	<10	13	2.9	6.4	<10
S1 AS98		13	<100	<5	<200	<2	<50	11	<10	10	1.9	4.9	<10
S1 AS100		7	<100	<5	<200	<2	56	17	<10	10	2.1	5.0	<10
S1 AS101		8	<100	<5	<200	<2	<50	18	<10	8	1.7	4.6	<10
S1 AS102		9	<100	<5	<200	<2	<50	<10	<10	8	1.8	4.3	<10
S1 AS103		8	<100	<5	<200	<2	<50	<10	<10	6	1.9	4.3	<10
S1 AS104		<5	<100	<5	<200	<2	<50	12	<10	8	1.9	5.2	<10
S1 AS105		7	<100	<5	<200	2	<50	11	<10	8	2.0	5.4	<10
S1 AS106		<5	<100	<5	<200	<2	<50	<10	<10	6	2.1	4.6	<10
S1 AS107		10	<100	7	<200	<2	70	28	<10	8	2.2	5.0	<10
S1 AS108		6	<100	<5	<200	<2	<50	15	<10	7	2.1	5.2	<10
S1 AS109		<5	<100	<5	<200	<2	<50	21	<10	7	3.1	5.5	<10
S1 AS110		<5	<100	<5	<200	<2	<50	12	<10	7	2.6	4.2	<10
S1 AS111		<5	<100	<5	<200	<2	<50	<10	<10	8	2.1	4.6	<10
S1 AS112		11	<100	<5	<200	<2	<50	<10	<10	10	2.5	5.3	<10
S1 AS113		<5	<100	<5	<200	<2	<50	11	<10	9	2.2	5.6	<10
S1 AS114		<5	<100	<5	<200	<2	<50	17	<10	12	2.5	6.7	<10
S1 AS115		<5	<100	<5	<200	<2	<50	10	<10	9	2.2	5.6	<10
S1 AS116		<5	<100	<5	<200	<2	<50	10	<10	8	2.4	5.0	<10
S1 AS117		<5	<100	<5	<200	<2	<50	10	<10	8	1.7	5.2	<10
S1 AS118		18	<100	<5	<200	<2	<50	18	<10	10	2.6	5.2	<10
S1 AS120		<5	<100	<5	<200	<2	<50	17	<10	12	3.0	6.9	<10
S1 AS121		5	<100	<5	<200	<2	<50	36	<10	12	2.0	4.8	<10
S1 AS122		6	<100	<5	<200	<2	<50	33	<10	25	4.8	5.9	<10
S1 AS123		<5	<100	<5	<200	<2	<50	<10	<10	9	2.0	5.3	<10

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS81	<20	880	180	<200	<2	8	19	40	3.9	<2	<1	<5	
S1 AS82	<20	790	240	<200	<2	6	17	41	3.5	<2	<1	<5	
S1 AS83	<20	770	180	<200	<2	11	14	27	3.0	<2	<1	<5	
S1 AS84	<20	970	200	<200	<2	5	13	26	2.9	<2	<1	<5	
S1 AS85	<20	850	220	<200	<2	4	10	20	2.6	<2	<1	<5	
S1 AS86	<20	900	170	<200	<2	6	16	28	3.4	<2	<1	<5	
S1 AS87	<20	890	240	<200	<2	6	14	33	3.5	<2	<1	<5	
S1 AS88	<20	810	260	<200	<2	6	10	24	2.8	<2	<1	<5	
S1 AS89	<20	850	270	<200	<2	6	12	23	3.0	<2	<1	<5	
S1 AS90	<20	940	140	<200	<2	4	14	23	3.1	<2	<1	<5	
S1 AS91	<20	860	150	<200	<2	5	13	23	2.9	<2	<1	<5	
S1 AS92	<20	890	150	<200	<2	5	12	22	3.1	<2	<1	<5	
S1 AS93	<20	730	210	<200	<2	5	20	43	5.4	<2	<1	<5	
S1 AS95	<20	950	180	<200	<2	4	15	32	4.1	<2	<1	<5	
S1 AS96	<20	950	210	<200	<2	3	14	30	3.6	<2	<1	<5	
S1 AS97	<20	1100	210	<200	<2	3	14	31	3.8	<2	<1	<5	
S1 AS98	<20	810	180	<200	<2	3	19	40	4.6	<2	<1	<5	
S1 AS100	<20	1000	200	<200	<2	4	14	29	3.5	<2	<1	<5	
S1 AS101	<20	890	190	<200	<2	3	16	32	3.8	<2	<1	<5	
S1 AS102	<20	830	170	<200	<2	3	15	34	3.2	<2	<1	<5	
S1 AS103	<20	1100	180	<200	<2	2	14	30	3.1	<2	<1	<5	
S1 AS104	<20	790	170	<200	<2	4	14	27	3.2	<2	<1	<5	
S1 AS105	<20	880	180	<200	<2	3	14	33	3.1	<2	<1	<5	
S1 AS106	<20	780	180	<200	<2	3	14	40	3.2	<2	<1	<5	
S1 AS107	<20	1100	260	<200	<2	3	13	25	3.3	<2	<1	<5	
S1 AS108	<20	910	230	<200	<2	4	15	34	3.4	<2	<1	<5	
S1 AS109	<20	900	190	<200	<2	5	14	30	3.2	<2	<1	<5	
S1 AS110	<20	940	220	<200	<2	3	15	28	3.4	<2	<1	<5	
S1 AS111	<20	940	180	<200	<2	3	12	24	3.2	<2	<1	<5	
S1 AS112	<20	860	160	<200	<2	3	11	22	2.8	<2	<1	<5	
S1 AS113	<20	900	160	<200	<2	3	14	32	3.1	<2	<1	<5	
S1 AS114	<20	810	180	<200	<2	4	17	28	3.5	<2	<1	<5	
S1 AS115	<20	1000	180	<200	<2	3	12	20	2.9	<2	<1	<5	
S1 AS116	<20	1000	170	<200	<2	2	15	36	3.3	<2	<1	<5	
S1 AS117	<20	930	160	<200	<2	3	16	41	3.1	<2	<1	<5	
S1 AS118	<20	1100	220	<200	<2	2	12	23	3.1	<2	<1	<5	
S1 AS120	<20	880	260	<200	<2	7	10	27	2.5	<2	<1	<5	
S1 AS121	<20	890	200	<200	<2	7	21	48	4.6	<2	<1	<5	
S1 AS122	<20	820	210	<200	<2	5	24	36	7.4	<2	<1	<5	
S1 AS123	<20	640	180	<200	<2	4	18	46	3.6	<2	<1	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS81	<0.5	16.0	5	1	5.1	2.3	1.30	3	64	<500	18	
S1 AS82	<0.5	17.0	3	<1	4.7	1.8	1.30	3	65	<500	34	
S1 AS83	<0.5	15.0	3	<1	3.5	1.7	1.20	8	42	<500	70	
S1 AS84	<0.5	18.0	4	<1	3.2	1.6	1.50	2	63	<500	36	
S1 AS85	<0.5	18.0	2	<1	2.4	1.6	1.70	2	56	<500	57	
S1 AS86	<0.5	17.0	4	<1	4.4	1.9	1.50	1	86	<500	36	
S1 AS87	<0.5	20.0	4	1	3.6	1.6	1.50	1	48	<500	27	
S1 AS88	<0.5	21.0	2	<1	2.3	1.2	1.30	1	52	<500	49	
S1 AS89	<0.5	22.0	3	<1	3.1	1.4	1.40	<1	67	<500	31	
S1 AS90	<0.5	15.0	4	<1	3.7	1.8	1.30	<1	49	<500	23	
S1 AS91	<0.5	14.0	4	<1	3.1	1.7	1.40	2	63	<500	25	
S1 AS92	<0.5	16.0	3	<1	3.5	1.6	1.20	2	60	<500	38	
S1 AS93	0.6	19.0	3	<1	4.4	2.5	1.20	9	49	<500	177	
S1 AS95	<0.5	20.0	4	<1	3.9	2.0	1.50	6	68	<500	77	
S1 AS96	<0.5	18.0	4	<1	3.4	1.7	1.50	2	62	<500	61	
S1 AS97	<0.5	20.0	3	<1	3.7	2.0	1.70	4	55	<500	61	
S1 AS98	0.6	19.0	4	<1	4.4	2.8	1.20	6	59	<500	187	
S1 AS100	<0.5	17.0	3	<1	3.8	2.1	1.60	3	72	<500	45	
S1 AS101	0.6	14.0	4	<1	3.6	2.1	1.20	6	43	<500	79	
S1 AS102	<0.5	14.0	2	<1	3.4	1.9	1.30	4	59	<500	54	
S1 AS103	<0.5	14.0	4	<1	3.5	2.1	1.60	2	68	<500	22	
S1 AS104	<0.5	15.0	3	<1	3.7	1.9	1.30	5	52	<500	29	
S1 AS105	<0.5	16.0	3	<1	3.6	1.9	1.50	2	59	<500	27	
S1 AS106	<0.5	15.0	3	<1	3.4	2.0	1.30	4	52	<500	33	
S1 AS107	<0.5	17.0	4	<1	2.9	1.8	1.70	2	74	<500	50	
S1 AS108	<0.5	15.0	4	<1	3.8	2.0	1.30	8	43	<500	47	
S1 AS109	<0.5	15.0	4	<1	3.7	2.0	1.30	2	56	<500	42	
S1 AS110	0.5	15.0	3	<1	3.8	2.0	1.30	2	61	<500	26	
S1 AS111	<0.5	12.0	4	<1	3.5	2.3	1.10	3	59	<500	18	
S1 AS112	<0.5	14.0	3	<1	3.2	1.9	1.30	5	46	<500	38	
S1 AS113	<0.5	14.0	4	<1	3.7	2.0	1.30	4	52	<500	26	
S1 AS114	<0.5	14.0	4	<1	4.8	1.9	1.30	2	62	<500	33	
S1 AS115	<0.5	15.0	3	<1	3.0	1.6	1.50	2	63	<500	24	
S1 AS116	<0.5	15.0	5	<1	3.7	1.9	1.50	1	65	<500	19	
S1 AS117	0.5	12.0	4	<1	4.3	2.0	1.20	2	59	<500	24	
S1 AS118	0.5	17.0	3	<1	2.9	1.7	1.80	1	52	<500	56	
S1 AS120	<0.5	17.0	3	1	3.2	1.6	1.30	<1	59	<500	32	
S1 AS121	<0.5	16.0	5	1	5.0	2.1	1.10	5	57	<500	82	
S1 AS122	0.7	25.0	3	<1	3.8	1.8	1.20	7	48	<500	99	
S1 AS123	<0.5	13.0	5	<1	5.0	2.3	1.00	10	62	<500	44	

Bondar-Clegg & Company Ltd.  
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# Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-SEP-90

REPORT: V90-01887.0

PROJECT: ANTHIAN-RB

PAGE 4A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS124		8	<100	<5	<200	<2	88	27	<10	14	1.9	5.1	<10
S1 AS125		5	<100	<5	<200	<2	<50	17	<10	13	3.0	6.9	<10
S1 AS127		12	<100	<5	<200	<2	<50	15	<10	9	2.2	6.6	<10
S1 AS128		11	<100	<5	<200	<2	<50	18	<10	9	2.3	5.7	<10
S1 AS129		<5	<100	<5	<200	<2	<50	16	<10	10	2.9	5.8	<10
S1 AS130		7	<100	<5	<200	<2	<50	17	<10	8	2.9	5.4	<10
S1 AS131		<5	<100	<5	<200	<2	<50	22	<10	9	2.5	5.6	<10
S1 AS132		7	<100	<5	<200	<2	<50	12	<10	7	2.4	4.0	<10
S1 AS133		<5	<100	<5	<200	<2	<50	12	<10	8	2.8	5.3	<10
S1 AS134		21	<100	<5	<200	<2	<50	18	<10	9	2.0	5.0	<10
S1 AS135		7	<100	<5	<200	<2	<50	11	<10	8	2.2	5.4	<10
S1 AS136		8	<100	<5	<200	<2	52	14	<10	8	2.1	5.2	<10
S1 AS137		<5	<100	<5	<200	<2	<50	<10	<10	7	2.4	4.3	<10
S1 AS138		<5	<100	<5	<200	<2	<50	15	<10	11	2.8	5.8	<10
S1 AS139		7	<100	<5	<200	<2	<50	15	<10	7	2.2	5.1	<10
S1 AS140		8	<100	<5	<200	<2	<50	11	<10	6	1.9	5.3	<10
S1 AS141		9	<100	<5	<200	<2	<50	<10	<10	8	2.0	5.6	<10
S1 AS142		<5	<100	<5	<200	<2	<50	12	<10	11	1.9	5.5	<10
S1 AS143		5	<100	<5	<200	<2	<50	11	<10	7	1.7	3.7	<10
S1 AS144		7	<100	<5	<200	<2	<50	19	<10	7	1.7	4.3	<10
S1 AS145		7	<100	<5	<200	<2	<50	15	<10	7	1.6	4.8	<10
S1 AS146		9	<100	<5	<200	<2	<50	15	<10	7	1.6	3.7	<10
S1 AS147		6	<100	<5	<200	<2	<50	10	<10	8	1.6	4.5	<10
S1 AS148		6	<100	<5	<200	<2	<50	13	<10	10	1.6	5.1	<10
S1 AS149		<5	<100	<5	<200	2	<50	12	<10	8	1.6	4.1	<10
S1 AS150		7	<100	<5	<200	<2	<50	12	<10	7	2.0	4.5	<10
S1 AS151		8	<100	<5	<200	<2	<50	29	<10	12	2.4	6.0	<10
S1 AS152		<5	<100	<5	<200	<2	<50	23	<10	9	2.4	5.2	<10
S1 AS153		<5	<100	<5	<200	<2	<50	25	<10	9	2.6	5.0	<10
S1 AS154		8	<100	<5	<200	<2	51	24	<10	10	2.2	5.8	<10
S1 AS155		<5	<100	6	<200	<2	<50	23	<10	9	2.0	4.7	<10
S1 AS156		<5	<100	<5	<200	<2	<50	19	<10	8	2.3	5.1	<10
S1 AS157		14	<100	<5	<200	<2	<50	20	<10	7	2.4	5.0	<10
S1 AS158		6	<100	<5	<200	<2	<50	27	<10	9	1.9	5.1	<10
S1 AS159		9	<100	<5	<200	<2	<50	15	<10	4	2.0	3.8	<10
S1 AS160		<5	<100	<5	<200	<2	<50	18	<10	4	1.9	3.7	<10

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# Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-SEP-90

REPORT: V90-01887.0

PROJECT: ANTHIAN-RB

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS124	<20	850	120	<200	<2	5	27	62	7.8	<2	1	<5	
S1 AS125	<20	900	210	<200	<2	6	14	25	3.1	<2	<1	<5	
S1 AS127	<20	1000	210	<200	<2	4	12	25	2.8	<2	<1	<5	
S1 AS128	<20	1100	220	<200	<2	2	12	27	2.6	<2	<1	<5	
S1 AS129	<20	930	200	<200	<2	4	11	22	2.6	<2	<1	<5	
S1 AS130	<20	780	130	<200	<2	5	13	26	2.9	<2	<1	<5	
S1 AS131	<20	870	170	<200	<2	4	13	25	3.2	<2	<1	<5	
S1 AS132	<20	1100	170	<200	<2	2	14	26	3.4	<2	<1	<5	
S1 AS133	<20	910	240	<200	<2	2	13	25	3.1	<2	<1	<5	
S1 AS134	<20	860	210	<200	<2	3	13	24	3.0	<2	<1	<5	
S1 AS135	<20	860	220	<200	<2	3	14	34	3.2	<2	<1	<5	
S1 AS136	<20	890	170	<200	<2	5	14	33	3.2	<2	<1	<5	
S1 AS137	<20	930	210	<200	<2	4	15	28	3.4	<2	<1	<5	
S1 AS138	<20	920	230	<200	<2	4	12	34	3.3	<2	<1	<5	
S1 AS139	<20	860	200	<200	<2	4	14	27	3.3	<2	<1	<5	
S1 AS140	<20	900	200	<200	<2	3	15	31	3.4	<2	<1	<5	
S1 AS141	<20	840	240	<200	<2	3	14	32	3.1	<2	<1	<5	
S1 AS142	<20	800	180	<200	<2	3	14	27	3.6	<2	<1	<5	
S1 AS143	<20	840	170	<200	<2	3	14	34	3.3	<2	<1	<5	
S1 AS144	<20	770	180	<200	<2	2	15	33	3.3	<2	<1	<5	
S1 AS145	<20	750	130	<200	<2	4	16	38	3.9	<2	<1	<5	
S1 AS146	<20	870	180	<200	<2	3	17	39	3.8	2	<1	<5	
S1 AS147	<20	750	190	<200	<2	3	15	47	4.0	<2	<1	<5	
S1 AS148	<20	790	210	<200	<2	4	17	36	4.2	<2	<1	<5	
S1 AS149	<20	750	160	<200	<2	3	15	31	4.0	<2	<1	<5	
S1 AS150	<20	920	150	<200	<2	3	14	26	3.4	<2	<1	<5	
S1 AS151	<20	810	220	<200	<2	4	20	43	5.5	<2	<1	<5	
S1 AS152	<20	820	200	<200	<2	4	18	43	4.9	<2	<1	<5	
S1 AS153	<20	800	380	<200	<2	15	23	52	5.6	<2	<1	<5	
S1 AS154	<20	930	210	<200	<2	4	16	29	3.8	<2	<1	<5	
S1 AS155	<20	800	170	<200	<2	3	16	24	4.2	<2	<1	<5	
S1 AS156	<20	940	190	<200	<2	4	17	42	4.2	<2	<1	<5	
S1 AS157	<20	1100	220	<200	<2	3	15	34	4.1	<2	<1	<5	
S1 AS158	<20	900	180	<200	<2	3	18	38	5.2	<2	<1	<5	
S1 AS159	<20	930	210	<200	<2	3	15	31	3.8	<2	<1	<5	
S1 AS160	<20	980	180	<200	<2	2	12	36	3.4	<2	<1	<5	

**Bondar-Clegg & Company Ltd.**  
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**Geochemical  
Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-SEP-90

REPORT: V90-01887.0

PROJECT: ANTHIAN-RB

PAGE 4C

SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS124		0.8	26.0	5	1	6.1	2.9	1.10	9	45	<500	217
S1 AS125		<0.5	18.0	3	<1	3.7	1.8	1.30	3	56	<500	43
S1 AS127		<0.5	16.0	3	<1	3.2	2.0	1.30	2	43	<500	34
S1 AS128		<0.5	16.0	3	<1	2.8	1.6	1.60	2	55	<500	39
S1 AS129		<0.5	17.0	3	<1	3.1	1.5	1.50	1	68	<500	35
S1 AS130		<0.5	15.0	3	<1	3.3	1.9	1.30	<1	110	<500	35
S1 AS131		<0.5	15.0	4	<1	4.2	1.8	1.30	1	68	<500	40
S1 AS132		<0.5	13.0	4	<1	3.7	2.0	1.30	3	63	<500	22
S1 AS133		<0.5	15.0	5	<1	3.3	1.8	1.40	2	57	<500	18
S1 AS134		<0.5	15.0	4	<1	3.4	2.0	1.40	5	44	<500	44
S1 AS135		<0.5	15.0	4	<1	3.6	1.9	1.30	5	58	<500	32
S1 AS136		<0.5	14.0	<2	<1	4.0	2.2	1.20	5	60	<500	75
S1 AS137		0.5	16.0	4	<1	3.5	2.1	1.40	3	58	<500	57
S1 AS138		<0.5	17.0	3	<1	3.3	1.8	1.30	5	43	<500	52
S1 AS139		<0.5	15.0	4	<1	3.3	2.0	1.30	3	56	<500	37
S1 AS140		0.5	15.0	4	<1	3.8	1.9	1.40	3	68	<500	29
S1 AS141		<0.5	15.0	4	<1	3.5	1.8	1.30	6	47	<500	36
S1 AS142		<0.5	16.0	3	<1	3.7	2.0	1.30	8	45	<500	66
S1 AS143		<0.5	15.0	3	<1	2.5	2.1	1.40	4	45	<500	78
S1 AS144		<0.5	15.0	3	<1	3.1	2.0	1.20	7	47	<500	83
S1 AS145		<0.5	14.0	3	<1	3.9	2.1	1.20	5	46	<500	143
S1 AS146		<0.5	17.0	4	<1	4.2	2.2	1.50	3	74	<500	65
S1 AS147		<0.5	17.0	3	<1	3.7	2.0	1.20	7	37	<500	126
S1 AS148		<0.5	16.0	3	<1	4.4	2.7	1.20	6	48	<500	134
S1 AS149		<0.5	14.0	2	<1	3.8	2.3	0.94	8	57	<500	128
S1 AS150		<0.5	16.0	3	<1	3.6	2.3	1.30	6	49	<500	133
S1 AS151		0.7	24.0	4	<1	4.5	2.5	1.30	14	49	<500	176
S1 AS152		0.6	21.0	3	<1	4.1	2.3	1.30	17	63	<500	165
S1 AS153		1.0	27.0	5	<1	5.6	3.1	1.50	17	47	<500	203
S1 AS154		<0.5	23.0	3	<1	4.1	2.2	1.50	6	72	<500	69
S1 AS155		0.7	18.0	3	<1	3.5	2.0	1.40	8	41	<500	90
S1 AS156		<0.5	19.0	4	<1	4.4	2.1	1.60	12	74	<500	49
S1 AS157		<0.5	19.0	4	<1	3.9	1.9	1.80	6	55	<500	31
S1 AS158		0.6	20.0	4	<1	4.1	2.1	1.50	14	57	<500	63
S1 AS159		<0.5	19.0	3	<1	3.1	1.8	1.80	3	48	<500	34
S1 AS160		<0.5	17.0	<2	<1	2.8	1.6	1.70	<1	46	<500	28

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# Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01888.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: JEFFCO HOLDINGS LTD.  
PROJECT: ANTHIAN-RB

SUBMITTED BY: J.J. POLONI  
DATE PRINTED: 17-SEP-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD	
1	Au	Gold	204	5 PPB	Not applicable	Inst. Neutron Activ.
2	Ir	Iridium	204	100 PPB	Not applicable	Inst. Neutron Activ.
3	Ag	Silver	204	5 PPM	Not applicable	Inst. Neutron Activ.
4	Zn	Zinc	204	200 PPM	Not applicable	Inst. Neutron Activ.
5	Mo	Molybdenum	204	2 PPM	Not applicable	Inst. Neutron Activ.
6	Ni	Nickel	204	50 PPM	Not applicable	Inst. Neutron Activ.
7	Co	Cobalt	204	10 PPM	Not applicable	Inst. Neutron Activ.
8	Cd	Cadmium	204	10 PPM	Not applicable	Inst. Neutron Activ.
9	As	Arsenic	204	1 PPM	Not applicable	Inst. Neutron Activ.
10	Sb	Antimony	204	0.2 PPM	Not applicable	Inst. Neutron Activ.
11	Fe	Iron	204	0.5 PCT	Not applicable	Inst. Neutron Activ.
12	Se	Selenium	204	10 PPM	Not applicable	Inst. Neutron Activ.
13	Te	Tellurium	204	20 PPM	Not applicable	Inst. Neutron Activ.
14	Ba	Barium	204	100 PPM	Not applicable	Inst. Neutron Activ.
15	Cr	Chromium	204	50 PPM	Not applicable	Inst. Neutron Activ.
16	Sn	Tin	204	200 PPM	Not applicable	Inst. Neutron Activ.
17	W	Tungsten	204	2 PPM	Not applicable	Inst. Neutron Activ.
18	Cs	Cesium	204	1 PPM	Not applicable	Inst. Neutron Activ.
19	La	Lanthanum	204	5 PPM	Not applicable	Inst. Neutron Activ.
20	Ce	Cerium	204	10 PPM	Not applicable	Inst. Neutron Activ.
21	Sm	Samarium	204	0.1 PPM	Not applicable	Inst. Neutron Activ.
22	Eu	Europium	204	2 PPM	Not applicable	Inst. Neutron Activ.
23	Tb	Terbium	204	1 PPM	Not applicable	Inst. Neutron Activ.
24	Yb	Ytterbium	204	5 PPM	Not applicable	Inst. Neutron Activ.
25	Lu	Lutetium	204	0.5 PPM	Not applicable	Inst. Neutron Activ.
26	Sc	Scandium	204	0.5 PPM	Not applicable	Inst. Neutron Activ.
27	Hf	Hafnium	204	2 PPM	Not applicable	Inst. Neutron Activ.
28	Ta	Tantalum	204	1 PPM	Not applicable	Inst. Neutron Activ.
29	Th	Thorium	204	0.5 PPM	Not applicable	Inst. Neutron Activ.
30	U	Uranium	204	0.5 PPM	Not applicable	Inst. Neutron Activ.
31	Na	Sodium	204	0.05 PCT	Not applicable	Inst. Neutron Activ.
32	Br	Bromine	204	1 PPM	Not applicable	Inst. Neutron Activ.
33	Rb	Rubidium	204	10 PPM	Not applicable	Inst. Neutron Activ.
34	Zr	Zirconium	204	500 PPM	Not applicable	Inst. Neutron Activ.
35	Cu	Copper	204	1 PPM	HN03-HCl Hot Extr.	Atomic Absorption

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Geochemical  
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01888.0 ( COMPLETE )

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SUBMITTED BY: J.J. POLONI  
DATE PRINTED: 17-SEP-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
SOILS	204	1 -80	204	DRY, SIEVE -80	204

REPORT COPIES TO: 314-1000 BOWRON CRT.  
COCHRANE CONSULTANTS

INVOICE TO: 314-1000 BOWRON CRT.

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS161		6	<100	<5	<200	<2	<50	10	<10	8	1.9	3.8	<10
S1 AS162		6	<100	<5	<200	<2	<50	13	<10	9	2.0	4.6	<10
S1 AS163		87	<100	<5	<200	<2	<50	<10	<10	6	1.8	3.4	<10
S1 AS164		7	<100	<5	<200	<2	<50	16	<10	10	2.5	5.1	<10
S1 AS165		26	<100	<5	<200	<2	<50	17	<10	10	1.9	4.9	<10
S1 AS166		<5	<100	<5	<200	<2	<50	<10	<10	6	1.6	3.6	<10
S1 AS167		9	<100	<5	<200	<2	<50	<10	<10	7	2.1	5.1	<10
S1 AS168		<5	<100	<5	<200	<2	<50	13	<10	6	1.5	3.8	<10
S1 AS169		220	<100	<5	<200	<2	<50	12	<10	8	1.8	4.9	<10
S1 AS170		<5	<100	<5	<200	<2	<50	<10	<10	7	1.8	3.2	<10
S1 AS171		5	<100	<5	<200	<2	<50	15	<10	9	2.0	4.5	<10
S1 AS172		15	<100	<5	<200	<2	<50	<10	<10	7	1.9	3.2	<10
S1 AS173		7	<100	<5	<200	<2	<50	11	<10	7	2.1	4.6	<10
S1 AS174		8	<100	<5	<200	<2	<50	20	<10	7	2.8	5.5	<10
S1 AS175		<5	<100	<5	<200	<2	<50	13	<10	8	2.6	5.1	<10
S1 AS176		57	<100	<5	<200	<2	<50	22	<10	12	2.4	5.6	<10
S1 AS177		<5	<100	<5	<200	<2	<50	11	<10	9	2.3	5.9	<10
S1 AS178		<5	<100	<5	<200	<2	<50	<10	<10	8	2.4	5.6	<10
S1 AS179		<5	<100	<5	<200	<2	<50	15	<10	10	2.7	4.8	<10
S1 AS180		<5	<100	<5	<200	<2	<50	11	<10	9	2.0	3.8	<10
S1 AS181		6	<100	<5	<200	<2	<50	11	<10	9	2.4	4.8	<10
S1 AS182		15	<100	<5	<200	<2	<50	<10	<10	8	2.1	3.7	<10
S1 AS183		<5	<100	<5	<200	<2	<50	12	<10	8	1.8	3.8	<10
S1 AS184		9	<100	<5	<200	<2	<50	14	<10	8	2.4	4.4	<10
S1 AS185		5	<100	<5	<200	<2	<50	10	<10	7	1.9	4.1	<10
S1 AS186		<5	<100	<5	<200	<2	<50	16	<10	7	2.1	4.4	<10
S1 AS187		<5	<100	<5	<200	<2	<50	11	<10	6	2.3	4.2	<10
S1 AS188		7	<100	<5	<200	<2	<50	12	<10	10	1.8	5.2	<10
S1 AS189		<5	<100	<5	<200	<2	<50	13	<10	7	2.6	4.4	<10
S1 AS190		7	<100	<5	<200	<2	<50	34	<10	7	1.6	6.0	<10
S1 AS194		18	<100	<5	<200	<2	<50	20	<10	9	2.1	4.8	<10
S1 AS195		14	<100	<5	<200	<2	<50	20	<10	11	1.9	5.6	<10
S1 AS196		6	<100	<5	<200	<2	<50	17	<10	12	2.0	5.5	<10
S1 AS197		6	<100	<5	<200	<2	<50	25	<10	9	1.8	5.6	<10
S1 AS198		6	<100	<5	<200	<2	<50	19	<10	8	2.0	5.2	<10
S1 AS199		6	<100	<5	<200	<2	<50	27	<10	8	1.3	4.6	<10
S1 AS200		<5	<100	<5	<200	<2	<50	22	<10	12	1.9	4.5	<10
S1 AS201		9	<100	<5	<200	<2	<50	13	<10	13	1.7	5.6	<10
S1 AS202		<5	<100	<5	<200	<2	50	18	<10	10	2.0	5.5	<10
S1 AS203		6	<100	<5	<200	<2	<50	20	<10	8	1.9	5.1	<10

Bondar-Clegg & Company Ltd.  
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01888.0

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS161	<20	990	170	<200	<2	3	14	30	3.6	<2	<1	<5	
S1 AS162	<20	920	190	<200	<2	2	15	32	3.3	<2	<1	<5	
S1 AS163	<20	920	190	<200	<2	2	14	32	3.0	<2	<1	<5	
S1 AS164	<20	970	220	<200	<2	2	13	32	3.4	<2	<1	<5	
S1 AS165	<20	940	210	<200	<2	2	16	33	3.4	<2	<1	<5	
S1 AS166	<20	770	170	<200	<2	1	14	30	3.0	<2	<1	<5	
S1 AS167	<20	830	180	<200	<2	3	16	34	3.2	<2	<1	<5	
S1 AS168	<20	970	170	<200	<2	2	18	39	3.5	<2	<1	<5	
S1 AS169	<20	980	230	<200	<2	2	16	37	3.5	<2	<1	<5	
S1 AS170	<20	830	200	<200	<2	2	15	31	2.9	<2	<1	<5	
S1 AS171	<20	900	240	<200	<2	2	19	37	3.9	<2	<1	<5	
S1 AS172	<20	950	200	<200	<2	2	17	34	3.2	<2	<1	<5	
S1 AS173	<20	920	240	<200	<2	2	14	29	3.0	<2	<1	<5	
S1 AS174	<20	1100	290	<200	<2	2	14	30	3.1	<2	<1	<5	
S1 AS175	<20	1000	250	<200	<2	1	15	28	3.0	<2	<1	<5	
S1 AS176	<20	1100	300	<200	<2	1	12	27	2.9	<2	<1	<5	
S1 AS177	<20	970	250	<200	<2	2	16	29	3.0	<2	<1	<5	
S1 AS178	<20	950	210	<200	<2	2	15	30	3.0	<2	<1	<5	
S1 AS179	<20	940	260	<200	<2	3	13	28	3.1	<2	<1	<5	
S1 AS180	<20	910	160	<200	<2	3	14	29	3.7	<2	<1	<5	
S1 AS181	<20	870	190	<200	<2	3	17	36	3.8	<2	<1	<5	
S1 AS182	<20	900	190	<200	<2	3	18	38	3.9	<2	<1	<5	
S1 AS183	<20	920	170	<200	<2	3	14	31	3.1	<2	<1	<5	
S1 AS184	<20	920	190	<200	<2	2	15	33	3.7	<2	<1	<5	
S1 AS185	<20	710	190	<200	<2	2	16	33	3.3	<2	<1	<5	
S1 AS186	<20	860	200	<200	<2	2	13	27	2.9	<2	<1	<5	
S1 AS187	<20	960	200	<200	<2	2	15	30	3.0	<2	<1	<5	
S1 AS188	<20	810	200	<200	<2	2	21	39	3.8	<2	<1	<5	
S1 AS189	<20	960	230	<200	<2	2	15	28	2.9	<2	<1	<5	
S1 AS190	<20	850	210	<200	<2	2	13	34	3.9	<2	<1	<5	
S1 AS194	<20	1100	250	<200	<2	1	15	34	3.6	<2	<1	<5	
S1 AS195	<20	1000	230	<200	<2	2	15	33	3.9	<2	<1	<5	
S1 AS196	<20	850	190	<200	<2	3	16	34	3.9	<2	<1	<5	
S1 AS197	<20	990	220	<200	<2	2	22	53	5.5	<2	<1	<5	
S1 AS198	<20	950	210	<200	<2	2	15	25	3.3	<2	<1	<5	
S1 AS199	<20	910	200	<200	<2	3	21	40	4.6	<2	<1	<5	
S1 AS200	<20	980	160	<200	<2	3	16	32	4.1	<2	<1	<5	
S1 AS201	<20	820	180	<200	<2	3	17	37	4.0	<2	<1	<5	
S1 AS202	<20	940	210	<200	<2	2	20	32	4.3	<2	<1	<5	
S1 AS203	<20	960	190	<200	<2	3	18	36	4.2	<2	<1	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS161	<0.5	13.0	3	<1	3.9	1.8	1.30	10	52	<500	58	
S1 AS162	<0.5	14.0	3	<1	4.1	1.9	1.30	9	56	<500	53	
S1 AS163	<0.5	13.0	3	<1	4.0	1.9	1.40	8	53	<500	40	
S1 AS164	<0.5	17.0	3	<1	3.4	1.5	1.60	9	43	<500	65	
S1 AS165	<0.5	15.0	3	<1	3.9	1.8	1.40	7	52	<500	51	
S1 AS166	<0.5	14.0	3	<1	3.3	1.5	1.30	15	34	<500	39	
S1 AS167	<0.5	14.0	4	1	3.8	1.7	1.40	8	59	<500	41	
S1 AS168	<0.5	13.0	4	<1	4.4	1.9	1.40	4	69	<500	41	
S1 AS169	<0.5	17.0	4	<1	3.6	1.8	1.60	6	56	<500	59	
S1 AS170	<0.5	15.0	3	<1	3.3	1.9	1.40	6	47	<500	66	
S1 AS171	<0.5	17.0	4	<1	4.4	2.0	1.60	7	58	<500	79	
S1 AS172	<0.5	15.0	4	<1	3.8	1.9	1.70	2	59	<500	44	
S1 AS173	<0.5	16.0	5	<1	3.5	1.6	1.60	6	47	<500	34	
S1 AS174	<0.5	20.0	4	<1	3.1	1.4	1.90	2	59	<500	25	
S1 AS175	<0.5	18.0	4	<1	3.4	1.4	1.80	2	46	<500	23	
S1 AS176	<0.5	21.0	3	<1	2.6	1.5	2.10	1	55	<500	61	
S1 AS177	<0.5	16.0	4	<1	3.6	1.7	1.50	3	55	<500	21	
S1 AS178	<0.5	16.0	4	<1	3.5	1.6	1.50	3	50	<500	22	
S1 AS179	<0.5	19.0	3	<1	2.9	1.7	1.60	6	42	<500	85	
S1 AS180	<0.5	11.0	3	<1	4.1	2.0	1.10	10	54	<500	49	
S1 AS181	<0.5	14.0	3	<1	4.1	2.2	1.20	9	58	<500	87	
S1 AS182	<0.5	14.0	4	<1	4.5	2.2	1.30	6	70	<500	101	
S1 AS183	<0.5	13.0	3	<1	3.7	1.8	1.30	7	59	<500	53	
S1 AS184	<0.5	18.0	3	<1	3.7	1.9	1.50	7	57	<500	70	
S1 AS185	<0.5	14.0	3	<1	3.9	1.9	1.20	10	50	<500	82	
S1 AS186	<0.5	15.0	3	<1	3.2	1.7	1.40	6	45	<500	60	
S1 AS187	<0.5	16.0	4	<1	3.2	1.5	1.70	3	59	<500	36	
S1 AS188	<0.5	15.0	4	1	5.0	2.3	1.40	6	41	<500	62	
S1 AS189	<0.5	19.0	3	<1	3.0	1.5	1.60	2	40	<500	39	
S1 AS190	<0.5	22.0	3	<1	2.9	1.4	1.90	9	32	<500	78	
S1 AS194	<0.5	19.0	4	<1	3.1	1.5	2.00	6	52	<500	50	
S1 AS195	<0.5	19.0	3	<1	3.6	1.7	1.70	8	57	<500	88	
S1 AS196	<0.5	18.0	4	<1	4.1	1.8	1.50	5	49	<500	88	
S1 AS197	<0.5	23.0	4	<1	5.0	2.0	1.70	8	55	890	73	
S1 AS198	<0.5	19.0	4	<1	2.7	1.7	1.70	4	49	<500	56	
S1 AS199	<0.5	18.0	3	<1	4.5	2.0	1.30	7	37	<500	126	
S1 AS200	<0.5	14.0	4	<1	5.2	2.2	1.10	6	72	<500	69	
S1 AS201	<0.5	16.0	3	<1	4.0	1.7	1.20	9	55	<500	77	
S1 AS202	<0.5	18.0	4	<1	5.1	2.0	1.40	5	63	<500	79	
S1 AS203	<0.5	16.0	4	<1	4.5	2.0	1.30	3	59	<500	78	

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS204		<5	<100	<5	<200	<2	<50	16	<10	13	2.2	5.5	<10
S1 AS205		<5	<100	<5	<200	<2	<50	13	<10	10	2.5	5.2	<10
S1 AS206		<5	<100	<5	<200	<2	<50	21	<10	9	3.2	6.6	<10
S1 AS207		<5	<100	<5	<200	<2	<50	15	<10	11	2.5	5.5	<10
S1 AS208		6	<100	<5	<200	<2	57	15	<10	9	3.1	5.9	<10
S1 AS209		7	<100	<5	<200	<2	<50	16	<10	10	2.3	5.5	<10
S1 AS210		<5	<100	<5	<200	<2	<50	17	<10	12	1.9	5.3	<10
S1 AS211		<5	<100	<5	<200	<2	<50	31	<10	8	1.8	5.4	<10
S1 AS212		6	<100	<5	<200	<2	<50	24	<10	9	2.0	5.2	<10
S1 AS213		<5	<100	<5	<200	<2	<50	26	<10	9	2.2	5.7	<10
S1 AS214		<5	<100	<5	<200	<2	<50	17	<10	10	1.7	6.1	<10
S1 AS215		8	<100	<5	<200	<2	<50	18	<10	11	1.7	5.9	<10
S1 AS217		<5	<100	<5	<200	<2	<50	25	<10	8	2.3	5.1	<10
S1 AS218		<5	<100	<5	<200	<2	55	28	<10	8	3.6	5.7	<10
S1 AS219		<5	<100	<5	<200	<2	<50	22	<10	11	2.6	6.0	<10
S1 AS220		<5	<100	<5	<200	<2	<50	20	<10	12	2.7	5.0	<10
S1 AS221		<5	<100	<5	<200	<2	<50	18	<10	13	2.0	5.9	<10
S1 AS222		<5	<100	<5	<200	<2	<50	15	<10	7	3.1	4.8	<10
S1 AS223		<5	<100	<5	<200	<2	<50	25	<10	14	3.6	7.0	<10
S1 AS224		<5	<100	<5	<200	<2	50	19	<10	12	2.7	6.9	<10
S1 AS225		<5	<100	<5	<200	<2	<50	24	<10	14	2.4	6.6	<10
S1 AS226		<5	<100	<5	<200	<2	<50	22	<10	9	2.8	5.8	<10
S1 AS226(A)		<5	<100	<5	<200	<2	<50	<10	<10	8	1.6	4.9	<10
S1 AS227		<5	<100	<5	<200	<2	<50	15	<10	10	2.0	4.1	<10
S1 AS228		<5	<100	<5	<200	<2	<50	22	<10	10	2.1	7.5	<10
S1 AS229		16	<100	<5	<200	<2	<50	27	<10	23	1.8	6.5	<10
S1 AS230		5	<100	<5	<200	<2	<50	<10	<10	14	1.7	5.8	<10
S1 AS231		<5	<100	<5	<200	<2	<50	<10	<10	10	1.6	4.7	<10
S1 AS232		<5	<100	<5	<200	<2	<50	<10	<10	10	1.7	4.5	<10
S1 AS233		<5	<100	<5	<200	<2	<50	14	<10	14	1.7	5.4	<10
S1 AS234		6	<100	<5	<200	<2	<50	16	<10	11	1.8	5.2	<10
S1 AS235		<5	<100	<5	<200	<2	<50	15	<10	10	1.8	4.7	<10
S1 AS236		<5	<100	<5	<200	<2	<50	11	<10	11	1.9	5.7	<10
S1 AS237		10	<100	<5	<200	<2	<50	24	<10	10	1.9	5.9	<10
S1 AS238		<5	<100	<5	<200	<2	<50	16	<10	9	1.8	5.1	<10
S1 AS239		<5	<100	<5	<200	2	<50	11	<10	11	2.2	5.3	<10
S1 AS240		<5	<100	<5	<200	<2	<50	13	<10	10	1.7	4.7	<10
S1 AS241		<5	<100	<5	<200	<2	<50	<10	<10	9	2.0	4.6	<10
S1 AS242		<5	<100	<5	<200	2	<50	<10	<10	16	1.6	4.2	<10
S1 AS243		<5	<100	<5	<200	3	<50	16	<10	8	1.9	6.4	<10

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS204	<20	970	180	<200	<2	3	18	37	4.5	<2	<1	<5	
S1 AS205	<20	870	170	<200	<2	3	15	36	3.7	<2	<1	<5	
S1 AS206	<20	960	280	<200	<2	2	11	24	3.0	<2	<1	<5	
S1 AS207	<20	900	200	<200	<2	3	14	23	2.8	<2	<1	<5	
S1 AS208	<20	1000	220	<200	<2	3	14	30	3.1	<2	<1	<5	
S1 AS209	<20	810	220	<200	<2	4	15	33	3.4	<2	<1	<5	
S1 AS210	<20	920	210	<200	<2	3	16	31	3.1	<2	<1	<5	
S1 AS211	<20	720	200	<200	<2	3	17	35	3.9	<2	<1	<5	
S1 AS212	<20	740	230	<200	<2	3	27	58	6.0	<2	1	<5	
S1 AS213	<20	920	210	<200	<2	4	18	39	4.0	<2	<1	<5	
S1 AS214	<20	780	200	<200	<2	2	20	40	4.1	<2	<1	<5	
S1 AS215	<20	840	260	<200	2	3	16	40	3.7	<2	<1	<5	
S1 AS217	<20	700	200	<200	<2	4	22	48	5.1	<2	1	<5	
S1 AS218	<20	980	220	<200	2	3	16	39	4.2	<2	<1	<5	
S1 AS219	<20	880	240	<200	<2	3	18	30	4.0	<2	<1	<5	
S1 AS220	<20	940	140	<200	<2	4	13	34	3.2	<2	<1	<5	
S1 AS221	<20	960	150	<200	<2	4	9	15	2.1	<2	<1	<5	
S1 AS222	<20	1100	220	<200	<2	7	13	28	3.0	<2	<1	<5	
S1 AS223	<20	970	290	<200	<2	3	13	25	3.1	<2	<1	<5	
S1 AS224	<20	1100	290	<200	3	3	15	29	3.1	<2	<1	<5	
S1 AS225	<20	950	230	<200	<2	3	11	23	2.6	<2	<1	<5	
S1 AS226	<20	1000	270	<200	3	2	14	28	3.2	<2	<1	<5	
S1 AS226(A)	<20	890	200	<200	2	5	16	37	3.2	<2	<1	<5	
S1 AS227	<20	970	200	<200	<2	5	15	21	3.0	<2	<1	<5	
S1 AS228	<20	840	240	<200	3	4	10	21	2.5	<2	<1	<5	
S1 AS229	<20	750	170	<200	<2	3	10	21	2.2	<2	<1	<5	
S1 AS230	<20	770	160	<200	2	4	19	40	3.4	<2	<1	<5	
S1 AS231	<20	730	160	<200	<2	4	17	35	3.3	<2	<1	<5	
S1 AS232	<20	980	180	<200	2	3	16	24	3.3	<2	<1	<5	
S1 AS233	<20	950	170	<200	<2	3	13	26	3.1	<2	<1	<5	
S1 AS234	<20	920	170	<200	<2	2	14	24	2.9	<2	<1	<5	
S1 AS235	<20	1200	190	<200	<2	1	13	22	3.0	<2	<1	<5	
S1 AS236	<20	1000	170	<200	<2	2	14	31	3.2	<2	<1	<5	
S1 AS237	<20	1100	280	<200	<2	4	13	31	2.9	<2	<1	<5	
S1 AS238	<20	1000	200	<200	<2	4	16	39	3.1	<2	<1	<5	
S1 AS239	<20	980	230	<200	<2	2	15	35	3.0	<2	<1	<5	
S1 AS240	<20	890	180	<200	<2	3	23	40	4.5	<2	<1	<5	
S1 AS241	<20	970	170	<200	2	6	21	33	3.9	<2	<1	<5	
S1 AS242	<20	830	190	<200	<2	3	18	44	3.2	<2	<1	<5	
S1 AS243	<20	750	190	<200	<2	1	8	<10	1.8	<2	<1	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS204	<0.5	18.0	3	1	4.1	2.0	1.40	7	59	<500	86	
S1 AS205	<0.5	17.0	4	<1	3.6	1.7	1.40	6	53	<500	74	
S1 AS206	<0.5	20.0	3	<1	2.7	1.3	1.70	1	60	<500	33	
S1 AS207	<0.5	17.0	3	<1	3.0	1.5	1.40	6	59	<500	53	
S1 AS208	<0.5	20.0	3	<1	2.7	1.6	1.70	5	68	<500	68	
S1 AS209	<0.5	19.0	3	<1	3.5	1.8	1.40	8	61	<500	91	
S1 AS210	<0.5	16.0	4	<1	4.2	1.6	1.50	4	72	<500	45	
S1 AS211	<0.5	19.0	4	<1	3.8	1.7	1.30	9	63	<500	96	
S1 AS212	<0.5	25.0	4	1	5.9	2.2	1.40	14	52	<500	158	
S1 AS213	<0.5	22.0	3	<1	4.2	1.6	1.60	6	72	<500	119	
S1 AS214	<0.5	17.0	4	<1	4.6	2.1	1.40	6	54	<500	76	
S1 AS215	<0.5	17.0	5	<1	3.9	2.0	1.60	4	50	<500	83	
S1 AS217	<0.5	26.0	4	<1	5.1	1.7	1.40	8	61	<500	140	
S1 AS218	<0.5	22.0	4	<1	3.4	1.5	1.90	4	68	<500	126	
S1 AS219	<0.5	18.0	3	<1	4.4	1.7	1.30	6	66	<500	107	
S1 AS220	<0.5	13.0	3	<1	3.8	1.4	1.30	6	69	<500	48	
S1 AS221	<0.5	15.0	<2	<1	2.0	1.2	1.50	4	52	<500	71	
S1 AS222	<0.5	16.0	3	<1	3.6	1.6	1.60	1	73	<500	33	
S1 AS223	<0.5	21.0	2	<1	2.9	1.4	1.70	5	57	<500	57	
S1 AS224	<0.5	20.0	3	<1	3.5	1.6	1.60	3	52	<500	50	
S1 AS225	<0.5	20.0	3	<1	2.9	1.4	1.60	6	51	<500	61	
S1 AS226	<0.5	20.0	3	1	3.4	1.4	1.70	4	67	<500	31	
S1 AS226(A)	<0.5	15.0	4	<1	4.0	1.8	1.30	6	57	<500	34	
S1 AS227	<0.5	14.0	4	<1	3.9	1.9	1.40	11	74	<500	43	
S1 AS228	<0.5	22.0	2	<1	1.9	1.2	1.40	5	40	<500	47	
S1 AS229	<0.5	14.0	2	<1	2.4	1.4	1.20	9	57	<500	51	
S1 AS230	<0.5	13.0	4	1	4.8	2.0	1.10	9	73	<500	35	
S1 AS231	<0.5	13.0	5	1	4.7	1.8	1.10	13	81	<500	31	
S1 AS232	<0.5	14.0	4	<1	4.1	2.0	1.40	5	53	<500	31	
S1 AS233	<0.5	15.0	3	<1	3.4	1.9	1.50	5	62	<500	40	
S1 AS234	<0.5	15.0	3	<1	3.3	1.6	1.60	6	38	<500	43	
S1 AS235	<0.5	16.0	3	<1	3.4	1.5	1.70	4	46	<500	46	
S1 AS236	<0.5	16.0	4	<1	3.9	1.9	1.40	15	53	<500	38	
S1 AS237	<0.5	19.0	4	<1	3.5	1.7	1.50	6	78	<500	65	
S1 AS238	<0.5	18.0	5	<1	4.3	1.7	1.50	8	88	<500	49	
S1 AS239	<0.5	17.0	4	<1	3.6	2.0	1.60	4	42	<500	34	
S1 AS240	<0.5	18.0	3	1	5.8	2.1	1.40	5	70	<500	42	
S1 AS241	<0.5	15.0	5	1	5.0	2.0	1.30	9	59	<500	40	
S1 AS242	<0.5	13.0	4	<1	4.5	1.8	1.40	3	65	<500	21	
S1 AS243	<0.5	19.0	<2	<1	1.2	1.0	1.50	15	41	<500	42	

Bondar-Clegg & Company Ltd.  
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS244		<5	<100	<5	<200	<2	<50	15	<10	12	1.7	6.8	<10
S1 AS245		6	<100	<5	<200	<2	54	25	<10	13	2.3	7.9	<10
S1 AS246		11	<100	<5	<200	2	<50	18	<10	12	2.4	6.3	<10
S1 AS458		<5	<100	<5	<200	<2	<50	11	<10	9	2.0	5.5	<10
S1 AS459		<5	<100	<5	<200	<2	<50	<10	<10	7	1.9	4.4	<10
S1 AS460		<5	<100	<5	<200	<2	58	18	<10	8	2.2	5.0	<10
S1 AS461		<5	<100	<5	<200	<2	<50	16	<10	9	2.6	5.9	<10
S1 AS462		<5	<100	<5	<200	<2	<50	17	<10	8	1.9	4.9	<10
S1 AS463		9	<100	<5	<200	<2	<50	25	<10	11	2.4	5.2	<10
S1 AS464		<5	<100	<5	<200	<2	<50	21	<10	11	1.9	4.8	<10
S1 AS465		<5	<100	<5	<200	2	<50	16	<10	10	2.3	5.1	<10
S1 AS466		<5	<100	<5	<200	3	<50	15	<10	10	2.4	5.1	<10
S1 AS467		10	<100	<5	<200	<2	<50	27	<10	9	2.9	4.8	<10
S1 AS468		<5	<100	<5	<200	<2	<50	28	<10	8	2.6	5.4	<10
S1 AS469		5	<100	<5	<200	<2	<50	21	<10	10	2.4	4.8	<10
S1 AS470		<5	<100	<5	<200	<2	53	16	<10	8	2.1	5.6	<10
S1 AS471		6	<100	<5	<200	<2	<50	19	<10	9	2.3	4.9	<10
S1 AS472		<5	<100	<5	200	2	<50	19	<10	13	2.9	5.9	<10
S1 AS473		6	<100	<5	<200	2	<50	24	<10	12	2.4	5.3	<10
S1 AS474		11	<100	<5	<200	<2	<50	11	<10	16	2.3	4.5	<10
S1 AS475		6	<100	<5	<200	<2	<50	19	<10	11	1.8	6.3	<10
S1 AS476		8	<100	<5	<200	<2	56	21	<10	9	2.0	5.2	<10
S1 AS477		<5	<100	<5	<200	<2	<50	17	<10	14	2.5	5.9	<10
S1 AS478		<5	<100	<5	<200	<2	<50	18	<10	14	2.4	5.6	<10
S1 AS479		<5	<100	<5	<200	<2	<50	12	<10	10	1.9	6.0	<10
S1 AS480		<5	<100	<5	<200	<2	<50	18	<10	11	2.4	5.4	<10
S1 AS481		33	<100	<5	<200	2	<50	18	<10	9	2.5	5.5	<10
S1 AS482		<5	<100	<5	<200	2	57	24	<10	11	3.1	6.5	<10
S1 AS483		6	<100	<5	<200	3	<50	23	<10	11	3.6	5.5	<10
S1 AS484		6	<100	<5	<200	3	<50	14	<10	9	2.3	5.3	<10
S1 AS485		8	<100	<5	<200	<2	<50	22	<10	13	2.7	8.3	<10
S1 AS488		<5	<100	<5	<200	3	<50	14	<10	11	2.2	6.8	<10
S1 AS489		<5	<100	<5	<200	<2	<50	16	<10	11	2.5	7.2	<10
S1 AS490		10	<100	<5	<200	3	54	24	<10	9	2.3	5.4	<10
S1 AS491		<5	<100	<5	<200	<2	<50	12	<10	5	2.1	5.0	<10
S1 AS492		<5	<100	<5	<200	<2	<50	21	<10	11	3.8	6.2	<10
S1 AS493		12	<100	<5	<200	2	<50	20	<10	11	2.5	7.8	<10
S1 AS494		<5	<100	<5	<200	<2	<50	22	<10	12	2.9	6.6	<10
S1 AS495		8	<100	6	<200	<2	<50	18	<10	15	3.2	6.3	<10
S1 AS496		7	<100	<5	<200	<2	<50	14	<10	10	2.5	6.0	<10

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**Geochemical  
Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS244	<20	990	210	<200	<2	6	18	36	3.3	<2	<1	<5	
S1 AS245	<20	1000	350	<200	<2	4	13	23	2.9	<2	<1	<5	
S1 AS246	<20	1100	230	<200	<2	5	15	26	3.2	<2	1	<5	
S1 AS458	<20	840	300	<200	<2	4	17	26	3.1	<2	<1	<5	
S1 AS459	<20	970	180	<200	<2	6	21	53	4.0	<2	<1	<5	
S1 AS460	<20	1100	200	<200	<2	4	18	29	3.8	<2	<1	<5	
S1 AS461	<20	1100	180	<200	<2	8	16	36	3.2	<2	<1	<5	
S1 AS462	<20	1100	170	<200	<2	5	18	39	3.5	<2	<1	<5	
S1 AS463	<20	1100	180	<200	<2	3	17	43	4.3	<2	<1	<5	
S1 AS464	<20	890	200	<200	3	5	20	36	4.2	<2	<1	<5	
S1 AS465	<20	1100	170	<200	<2	4	17	42	3.6	<2	<1	<5	
S1 AS466	<20	1000	170	<200	2	8	21	33	4.6	<2	<1	<5	
S1 AS467	<20	1100	250	<200	<2	8	22	49	5.9	3	<1	<5	
S1 AS468	<20	1000	190	<200	<2	3	20	34	4.9	<2	1	<5	
S1 AS469	<20	1000	190	<200	2	4	17	42	3.4	<2	<1	<5	
S1 AS470	<20	1100	160	<200	3	3	15	24	3.2	<2	<1	<5	
S1 AS471	<20	1000	220	<200	<2	3	20	40	3.8	<2	1	<5	
S1 AS472	<20	1000	220	<200	<2	4	17	35	3.8	<2	<1	<5	
S1 AS473	<20	960	220	<200	2	4	21	42	4.5	<2	1	<5	
S1 AS474	<20	1100	190	<200	3	3	18	41	3.5	<2	<1	<5	
S1 AS475	<20	1100	270	<200	<2	2	14	25	3.2	<2	<1	<5	
S1 AS476	<20	1100	260	<200	<2	4	19	34	4.6	<2	<1	<5	
S1 AS477	<20	1200	180	<200	2	3	13	40	2.8	<2	<1	<5	
S1 AS478	<20	1100	240	<200	3	3	14	35	3.1	<2	<1	<5	
S1 AS479	<20	1100	210	<200	<2	3	15	27	3.1	<2	<1	<5	
S1 AS480	<20	1100	200	<200	<2	3	15	32	2.9	<2	<1	<5	
S1 AS481	<20	1100	270	<200	<2	3	14	42	3.1	<2	<1	<5	
S1 AS482	<20	1200	410	<200	<2	3	14	<10	3.5	<2	<1	<5	
S1 AS483	<20	1100	340	<200	<2	3	11	33	3.2	<2	<1	<5	
S1 AS484	<20	1100	290	<200	<2	2	14	28	2.8	<2	<1	<5	
S1 AS485	<20	1100	420	<200	<2	3	14	25	3.1	<2	<1	<5	
S1 AS488	<20	1000	250	<200	<2	2	20	47	3.8	<2	<1	<5	
S1 AS489	<20	960	280	<200	<2	4	16	25	3.1	<2	<1	<5	
S1 AS490	<20	1100	320	<200	<2	4	14	28	2.8	<2	<1	<5	
S1 AS491	<20	980	270	<200	<2	3	21	41	3.8	<2	<1	<5	
S1 AS492	<20	1100	310	<200	<2	3	12	29	2.9	<2	<1	<5	
S1 AS493	<20	980	350	<200	2	4	16	50	3.3	<2	<1	<5	
S1 AS494	<20	900	330	<200	<2	3	13	27	3.0	<2	<1	<5	
S1 AS495	<20	1200	180	<200	<2	3	13	21	3.1	<2	<1	<5	
S1 AS496	<20	960	220	<200	<2	3	17	26	3.1	<2	<1	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS244	<0.5	17.0	4	<1	4.5	1.8	1.60	6	71	<500	44	
S1 AS245	<0.5	21.0	3	<1	2.8	1.3	1.40	5	43	<500	54	
S1 AS246	<0.5	19.0	4	<1	3.8	1.4	1.60	4	57	<500	46	
S1 AS458	<0.5	19.0	3	<1	3.9	1.8	1.50	4	56	<500	34	
S1 AS459	<0.5	16.0	5	<1	5.4	2.2	1.40	7	66	<500	48	
S1 AS460	<0.5	17.0	4	<1	4.7	2.0	1.60	5	77	<500	55	
S1 AS461	<0.5	16.0	3	<1	3.4	1.7	1.50	4	72	<500	46	
S1 AS462	<0.5	16.0	4	<1	4.1	1.9	1.60	2	82	<500	35	
S1 AS463	<0.5	19.0	3	<1	4.4	1.8	1.80	3	51	<500	75	
S1 AS464	<0.5	16.0	4	<1	4.3	1.8	1.40	5	70	520	66	
S1 AS465	<0.5	16.0	4	<1	4.4	1.8	1.50	2	87	<500	27	
S1 AS466	<0.5	16.0	4	<1	5.7	2.7	1.20	6	62	<500	161	
S1 AS467	<0.5	23.0	5	<1	5.7	2.1	1.70	11	75	540	250	
S1 AS468	<0.5	21.0	3	<1	5.3	1.9	1.50	9	74	<500	181	
S1 AS469	<0.5	18.0	5	<1	3.8	1.8	1.60	3	60	<500	49	
S1 AS470	<0.5	17.0	3	<1	3.6	1.7	1.50	4	74	<500	34	
S1 AS471	<0.5	17.0	5	<1	4.6	2.0	1.60	6	75	<500	62	
S1 AS472	<0.5	19.0	3	<1	3.9	1.7	1.60	6	60	<500	71	
S1 AS473	<0.5	18.0	5	<1	4.4	1.8	1.50	6	68	<500	83	
S1 AS474	<0.5	15.0	4	1	5.0	1.8	1.70	2	71	<500	31	
S1 AS475	<0.5	18.0	4	<1	3.9	1.7	1.70	3	44	<500	68	
S1 AS476	<0.5	20.0	4	<1	4.9	1.7	1.50	6	61	<500	84	
S1 AS477	<0.5	18.0	3	<1	3.4	1.7	1.50	4	72	<500	60	
S1 AS478	<0.5	17.0	3	<1	3.9	1.8	1.60	3	74	<500	52	
S1 AS479	<0.5	17.0	4	<1	3.7	1.7	1.40	7	68	<500	62	
S1 AS480	<0.5	17.0	3	<1	3.6	1.6	1.60	3	71	<500	56	
S1 AS481	<0.5	18.0	3	<1	3.3	1.7	1.70	2	61	<500	31	
S1 AS482	<0.5	22.0	4	<1	2.9	1.4	1.80	2	62	<500	59	
S1 AS483	<0.5	21.0	4	<1	2.5	1.4	1.70	6	50	<500	52	
S1 AS484	<0.5	18.0	4	<1	3.3	1.4	1.70	4	59	600	41	
S1 AS485	<0.5	20.0	4	<1	3.6	1.4	1.60	5	48	<500	45	
S1 AS488	<0.5	21.0	6	1	4.9	1.7	1.50	2	73	<500	28	
S1 AS489	<0.5	20.0	3	<1	4.0	1.4	1.70	4	71	<500	42	
S1 AS490	<0.5	21.0	3	<1	3.3	1.7	1.80	2	98	700	38	
S1 AS491	<0.5	17.0	4	1	4.9	2.1	1.60	2	59	<500	16	
S1 AS492	<0.5	23.0	4	<1	3.0	1.1	1.80	3	62	<500	35	
S1 AS493	<0.5	19.0	5	<1	4.1	1.7	1.70	3	44	<500	32	
S1 AS494	<0.5	20.0	3	<1	3.1	1.4	1.60	6	56	<500	48	
S1 AS495	<0.5	19.0	3	<1	3.6	1.5	1.70	3	70	<500	74	
S1 AS496	<0.5	18.0	5	<1	3.9	1.7	1.60	3	76	<500	42	

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS497		5	<100	<5	<200	2	<50	23	<10	13	2.7	6.8	<10
S1 AS498		160	<100	<5	<200	<2	<50	27	<10	12	2.8	5.8	<10
S1 AS499		<5	<100	<5	<200	<2	54	23	<10	13	3.0	5.6	<10
S1 AS500		14	<100	<5	<200	<2	<50	13	<10	10	2.3	5.4	<10
S1 AS501		9	<100	8	<200	3	<50	16	<10	8	2.0	5.7	<10
S1 AS502		10	<100	<5	<200	<2	<50	15	<10	8	2.1	5.4	<10
S1 AS503		10	<100	<5	<200	<2	<50	12	<10	10	2.6	4.2	<10
S1 AS504		10	<100	<5	210	<2	<50	20	<10	10	2.5	4.7	<10
S1 AS505		<5	<100	<5	<200	<2	<50	26	<10	10	2.7	5.4	<10
S1 AS506		8	<100	<5	<200	<2	<50	25	<10	12	2.9	5.7	<10
S1 AS507		<5	<100	<5	<200	<2	<50	15	<10	9	2.6	5.1	<10
S1 AS508		<5	<100	<5	<200	<2	<50	33	<10	9	2.3	5.5	<10
S1 AS509		5	<100	<5	<200	2	<50	21	<10	12	2.6	5.7	<10
S1 AS510		<5	<100	<5	<200	<2	<50	15	<10	9	2.8	5.9	<10
S1 AS511		<5	<100	<5	<200	<2	<50	16	<10	9	3.0	6.2	<10
S1 AS512		<5	<100	<5	<200	<2	73	22	<10	10	3.2	6.8	<10
S1 AS513		8	<100	<5	<200	2	<50	<10	<10	8	2.0	5.4	<10
S1 AS514		<5	<100	<5	<200	<2	<50	17	<10	6	2.5	4.9	<10
S1 AS515		<5	<100	<5	270	<2	<50	12	<10	7	2.1	5.1	<10
S1 AS516		<5	<100	<5	<200	3	<50	12	<10	9	2.0	5.1	<10
S1 AS517		6	<100	<5	<200	<2	<50	<10	<10	8	2.1	4.7	<10
S1 AS518		<5	<100	<5	<200	<2	<50	<10	<10	6	1.8	3.9	<10
S1 AS520		<5	<100	<5	<200	<2	<50	17	<10	9	2.2	6.6	<10
S1 AS521		<5	<100	<5	<200	<2	69	28	<10	13	2.9	6.9	<10
S1 AS522		9	<100	<5	<200	<2	51	20	<10	12	2.2	6.8	<10
S1 AS523		10	<100	<5	<200	<2	<50	14	<10	8	2.3	4.7	<10
S1 AS524		<5	<100	<5	<200	3	<50	21	<10	10	2.2	5.8	<10
S1 AS525		<5	<100	6	<200	<2	<50	20	<10	10	2.2	5.3	<10
S1 AS526		12	<100	<5	<200	3	<50	<10	<10	10	2.1	5.4	<10
S1 AS527		<5	<100	<5	<200	<2	<50	21	<10	9	2.1	4.6	<10
S1 AS528		9	<100	<5	<200	<2	53	25	<10	11	2.1	5.0	<10
S1 AS529		<5	<100	<5	<200	<2	<50	34	<10	13	2.6	5.6	<10
S1 AS530		<5	<100	<5	<200	<2	<50	19	<10	13	2.4	6.6	<10
S1 AS531		<5	<100	<5	200	<2	<50	25	<10	7	2.4	4.7	<10
S1 AS532		<5	<100	<5	210	<2	<50	22	<10	10	2.5	5.3	<10
1 AS533		14	<100	<5	<200	<2	<50	26	<10	12	2.9	6.0	<10
S1 AS534		8	<100	<5	210	<2	<50	22	<10	12	3.0	6.3	<10
S1 AS535		11	<100	<5	<200	<2	<50	18	<10	11	2.2	5.7	<10
S1 AS536		10	<100	<5	<200	<2	56	22	<10	14	3.0	5.9	<10
S1 AS537		<5	<100	<5	<200	<2	67	22	<10	8	2.3	5.9	<10

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS497	<20	1100	210	<200	<2	4	14	29	3.2	<2	<1	<5	
S1 AS498	<20	1100	260	<200	<2	3	14	35	3.6	<2	<1	<5	
S1 AS499	<20	1100	260	<200	<2	3	15	34	3.4	<2	<1	<5	
S1 AS500	<20	980	170	<200	<2	4	17	36	3.3	<2	<1	<5	
S1 AS501	<20	1100	230	<200	<2	4	16	43	3.6	<2	1	<5	
S1 AS502	<20	970	230	<200	3	3	18	<10	3.3	<2	<1	<5	
S1 AS503	<20	1100	190	<200	<2	4	18	34	3.7	<2	<1	<5	
S1 AS504	<20	1100	170	<200	<2	4	21	42	5.0	<2	<1	<5	
S1 AS505	<20	970	190	<200	<2	4	21	47	4.7	<2	<1	<5	
S1 AS506	<20	1100	240	<200	<2	4	21	42	4.8	<2	<1	<5	
S1 AS507	<20	1000	210	<200	<2	3	18	32	3.9	<2	<1	<5	
S1 AS508	<20	880	230	<200	<2	4	25	43	6.1	3	1	<5	
S1 AS509	<20	1100	180	<200	<2	3	18	40	3.9	<2	<1	<5	
S1 AS510	<20	990	230	<200	<2	3	18	33	3.4	<2	<1	<5	
S1 AS511	<20	930	180	<200	<2	3	16	30	3.0	<2	<1	<5	
S1 AS512	<20	970	250	<200	<2	5	14	33	3.1	<2	<1	<5	
S1 AS513	<20	910	210	<200	<2	5	19	25	3.4	<2	<1	<5	
S1 AS514	<20	1200	150	<200	<2	4	17	31	3.5	<2	<1	<5	
S1 AS515	<20	1100	170	<200	<2	4	21	47	3.9	<2	<1	<5	
S1 AS516	<20	1100	210	<200	<2	4	19	53	3.7	<2	<1	<5	
S1 AS517	<20	1000	210	<200	<2	4	16	30	3.2	<2	<1	<5	
S1 AS518	<20	1000	190	<200	3	7	26	57	4.4	<2	<1	<5	
S1 AS520	<20	830	300	<200	<2	4	19	43	3.2	<2	<1	<5	
S1 AS521	<20	910	450	<200	<2	4	13	26	3.0	<2	<1	<5	
S1 AS522	<20	1000	250	<200	<2	5	10	<10	2.5	<2	<1	<5	
S1 AS523	<20	1000	200	<200	<2	4	17	33	3.5	<2	<1	<5	
S1 AS524	<20	1000	200	<200	3	8	20	49	4.7	<2	<1	<5	
S1 AS525	<20	1100	230	<200	<2	4	19	33	3.7	<2	<1	<5	
S1 AS526	<20	1000	210	<200	<2	4	22	49	3.7	<2	<1	<5	
S1 AS527	<20	1100	170	<200	<2	5	21	51	4.5	<2	<1	<5	
S1 AS528	<20	1100	240	<200	<2	6	27	54	6.5	<2	1	<5	
S1 AS529	<20	970	200	<200	<2	6	21	41	4.8	<2	<1	<5	
S1 AS530	<20	960	210	<200	<2	5	19	47	3.3	<2	<1	<5	
S1 AS531	<20	1100	150	<200	3	5	21	46	4.7	<2	<1	<5	
S1 AS532	<20	1000	220	<200	<2	7	22	44	5.6	<2	<1	<5	
S1 AS533	<20	1100	250	<200	<2	4	28	70	7.4	<2	1	<5	
S1 AS534	<20	1100	210	<200	<2	3	15	35	3.9	<2	<1	<5	
S1 AS535	<20	940	240	<200	<2	4	20	49	4.6	<2	1	<5	
S1 AS536	<20	1000	240	<200	<2	3	16	24	3.4	<2	<1	<5	
S1 AS537	<20	1100	310	<200	<2	4	15	20	3.1	<2	<1	<5	

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Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS497	<0.5	19.0	3	<1	3.2	1.5	1.80	4	64	<500	51	
S1 AS498	<0.5	21.0	4	<1	3.2	1.3	2.00	2	63	<500	67	
S1 AS499	<0.5	20.0	3	<1	3.6	1.6	2.00	4	68	<500	55	
S1 AS500	<0.5	16.0	4	<1	4.4	1.8	1.60	4	83	<500	35	
S1 AS501	<0.5	18.0	3	<1	5.1	1.7	1.70	3	60	<500	42	
S1 AS502	<0.5	16.0	3	<1	4.3	2.0	1.50	4	55	<500	34	
S1 AS503	<0.5	16.0	4	1	4.5	1.6	1.50	3	79	<500	53	
S1 AS504	<0.5	18.0	4	<1	5.8	2.2	1.50	6	57	<500	92	
S1 AS505	<0.5	21.0	5	<1	5.2	1.8	1.60	7	78	<500	86	
S1 AS506	<0.5	22.0	4	<1	4.9	2.2	1.70	5	63	<500	83	
S1 AS507	<0.5	20.0	5	<1	3.9	1.6	1.90	4	73	<500	53	
S1 AS508	0.6	27.0	3	<1	5.0	2.0	1.40	6	75	<500	265	
S1 AS509	<0.5	19.0	3	<1	4.1	1.9	1.70	5	68	<500	79	
S1 AS510	<0.5	19.0	5	<1	3.8	1.8	1.80	3	61	<500	49	
S1 AS511	<0.5	19.0	3	<1	4.0	1.7	1.70	3	50	<500	39	
S1 AS512	<0.5	20.0	3	<1	3.5	1.6	1.50	3	78	580	62	
S1 AS513	<0.5	16.0	4	<1	4.6	1.8	1.50	5	77	570	37	
S1 AS514	<0.5	19.0	4	<1	4.3	1.6	1.80	1	63	<500	30	
S1 AS515	<0.5	18.0	5	1	5.1	2.1	1.70	2	86	510	30	
S1 AS516	<0.5	17.0	5	<1	4.8	2.0	1.70	3	64	<500	42	
S1 AS517	<0.5	16.0	4	<1	3.8	1.8	1.50	3	61	<500	34	
S1 AS518	<0.5	17.0	5	1	6.7	2.3	1.60	2	97	<500	25	
S1 AS520	<0.5	18.0	3	<1	4.5	1.7	1.40	5	50	<500	37	
S1 AS521	<0.5	26.0	2	<1	2.7	1.2	1.70	5	51	<500	65	
S1 AS522	<0.5	17.0	2	<1	2.8	1.3	1.20	5	64	<500	53	
S1 AS523	<0.5	17.0	4	<1	4.0	1.8	1.50	2	58	<500	27	
S1 AS524	<0.5	18.0	4	1	4.1	1.8	1.70	5	39	<500	70	
S1 AS525	<0.5	18.0	4	<1	3.9	1.7	1.70	8	66	<500	48	
S1 AS526	<0.5	16.0	4	<1	5.0	2.0	1.50	2	57	<500	27	
S1 AS527	<0.5	20.0	5	<1	4.6	1.9	1.70	5	76	<500	96	
S1 AS528	<0.5	24.0	4	1	5.6	2.2	1.60	10	60	<500	216	
S1 AS529	<0.5	23.0	4	<1	4.0	1.5	1.60	7	59	<500	123	
S1 AS530	<0.5	17.0	3	<1	4.3	1.8	1.60	5	52	<500	46	
S1 AS531	<0.5	24.0	3	<1	5.8	1.9	1.50	13	65	<500	75	
S1 AS532	<0.5	24.0	3	<1	4.6	2.0	1.60	11	70	<500	145	
S1 AS533	0.5	28.0	4	<1	5.8	2.5	1.80	14	60	<500	91	
S1 AS534	<0.5	21.0	4	<1	4.0	2.0	1.70	6	57	<500	76	
S1 AS535	<0.5	19.0	5	<1	5.5	2.1	1.50	7	59	550	87	
S1 AS536	<0.5	19.0	4	1	4.2	1.6	1.70	4	76	<500	74	
S1 AS537	<0.5	20.0	3	<1	4.0	1.6	1.70	2	71	<500	56	

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS538		<5	<100	<5	<200	<2	<50	19	<10	8	1.5	5.7	<10
S1 AS539		7	<100	<5	<200	<2	<50	22	<10	12	2.0	6.2	<10
S1 AS540		<5	<100	<5	<200	<2	62	15	<10	9	2.5	5.1	<10
S1 AS541		<5	<100	<5	240	2	<50	32	<10	8	1.9	5.1	<10
S1 AS542		<5	<100	<5	200	<2	53	29	<10	11	2.5	5.1	<10
S1 AS543		<5	<100	<5	<200	<2	<50	18	<10	12	3.0	5.9	<10
S1 AS544		<5	<100	<5	<200	2	<50	17	<10	9	3.2	5.4	<10
S1 AS545		<5	<100	<5	<200	<2	<50	18	<10	12	2.7	5.8	<10
S1 AS546		11	<100	<5	<200	<2	<50	32	<10	11	2.8	6.1	<10
S1 AS547		<5	<100	<5	<200	2	<50	21	<10	6	2.9	6.0	<10
S1 AS548		7	<100	<5	<200	<2	<50	16	<10	5	3.4	5.9	<10
S1 AS549		14	<100	<5	<200	<2	<50	<10	<10	9	2.2	4.8	<10
S1 AS550		<5	<100	<5	<200	<2	<50	13	<10	9	2.2	5.9	<10
S1 AS551		<5	<100	<5	<200	<2	<50	<10	<10	7	2.1	4.6	<10
S1 AS552		<5	<100	<5	<200	<2	<50	19	<10	11	2.0	5.7	<10
S1 AS553		<5	<100	<5	<200	<2	55	19	<10	8	2.8	7.2	<10
S1 AS554		<5	<100	<5	<200	<2	<50	15	<10	8	2.1	5.6	<10
S1 AS555		<5	<100	<5	<200	<2	<50	26	<10	11	2.5	7.2	<10
S1 AS556		<5	<100	<5	<200	3	<50	16	<10	8	2.2	5.5	<10
S1 AS557		<5	<100	5	<200	<2	<50	11	<10	13	2.2	6.0	<10
S1 AS558		<5	<100	<5	<200	<2	<50	<10	<10	8	2.2	3.8	<10
S1 AS559		<5	<100	<5	<200	<2	<50	17	<10	10	2.1	6.8	<10
S1 AS560		<5	<100	<5	<200	<2	<50	16	<10	10	2.0	6.2	<10
S1 AS561		<5	<100	<5	<200	4	<50	12	<10	37	3.1	6.7	<10
S1 AS562		<5	<100	<5	<200	3	<50	11	<10	12	1.7	5.5	<10
S1 AS563		<5	<100	<5	<200	<2	<50	14	<10	11	2.0	7.0	<10
S1 AS564		<5	<100	<5	<200	<2	<50	12	<10	10	1.8	6.0	<10
S1 AS565		6	<100	<5	<200	<2	<50	12	<10	9	1.8	4.5	<10
S1 AS566		8	<100	<5	<200	<2	<50	<10	<10	8	1.5	4.9	<10
S1 AS567		7	<100	<5	<200	<2	<50	16	<10	10	1.7	5.0	<10
S1 AS568		<5	<100	<5	<200	<2	63	14	<10	9	1.5	5.8	<10
S1 AS569		<5	<100	<5	<200	<2	<50	10	<10	7	1.5	5.1	<10
S1 AS570		<5	<100	<5	<200	3	<50	13	<10	6	1.5	4.5	<10
S1 AS571		<5	<100	<5	<200	<2	<50	17	<10	11	1.7	5.3	<10
S1 AS572		<5	<100	<5	<200	<2	<50	<10	<10	5	1.5	3.6	<10
S1 AS573		<5	<100	<5	<200	3	<50	12	<10	11	1.9	5.1	<10
S1 AS574		10	<100	<5	<200	<2	<50	22	<10	10	1.7	4.4	<10
S1 AS575		<5	<100	<5	<200	3	<50	16	<10	9	2.3	5.2	<10
S1 AS576		<5	<100	<5	<200	2	<50	10	<10	9	1.7	4.9	<10
S1 AS577		7	<100	<5	<200	<2	<50	15	<10	10	1.9	4.8	<10

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS538	<20	1000	220	<200	<2	4	20	36	3.7	<2	<1	<5	
S1 AS539	<20	980	260	<200	<2	2	16	23	3.2	<2	<1	<5	
S1 AS540	<20	870	280	<200	<2	3	20	42	4.2	<2	<1	<5	
S1 AS541	<20	840	170	<200	2	15	19	46	4.1	<2	<1	<5	
S1 AS542	<20	1100	180	<200	<2	3	22	32	4.8	<2	<1	<5	
S1 AS543	<20	1100	220	<200	<2	4	19	35	4.1	<2	<1	<5	
S1 AS544	<20	1100	190	<200	<2	2	17	38	3.5	<2	<1	<5	
S1 AS545	<20	1000	210	<200	<2	5	16	30	3.1	<2	<1	<5	
S1 AS546	<20	1000	230	<200	<2	4	16	51	4.0	<2	<1	<5	
S1 AS547	<20	1200	170	<200	<2	4	15	24	3.0	<2	<1	<5	
S1 AS548	<20	1100	150	<200	<2	12	16	35	3.1	<2	<1	<5	
S1 AS549	<20	1200	200	<200	<2	4	17	36	3.5	<2	<1	<5	
S1 AS550	<20	960	170	<200	<2	4	19	34	3.6	<2	<1	<5	
S1 AS551	<20	1200	170	<200	<2	4	19	38	3.6	<2	<1	<5	
S1 AS552	<20	880	160	<200	2	5	25	53	4.4	<2	<1	<5	
S1 AS553	<20	810	360	<200	<2	8	15	42	3.1	<2	<1	<5	
S1 AS554	<20	730	230	<200	<2	6	19	33	3.4	<2	<1	<5	
S1 AS555	<20	1000	230	<200	<2	5	15	25	3.2	<2	<1	<5	
S1 AS556	<20	880	150	<200	<2	5	17	32	3.0	<2	<1	<5	
S1 AS557	<20	860	200	<200	3	5	16	32	3.1	<2	<1	<5	
S1 AS558	<20	860	150	<200	<2	4	17	32	3.8	<2	<1	<5	
S1 AS559	<20	940	190	<200	<2	4	13	23	2.8	<2	<1	<5	
S1 AS560	<20	880	200	<200	<2	3	15	32	3.0	<2	<1	<5	
S1 AS561	<20	910	210	<200	<2	3	14	24	2.7	<2	<1	<5	
S1 AS562	<20	890	170	<200	<2	3	18	44	3.4	<2	<1	<5	
S1 AS563	<20	890	210	<200	<2	4	15	24	2.9	<2	<1	<5	
S1 AS564	<20	800	150	<200	<2	3	18	39	3.4	<2	<1	<5	
S1 AS565	<20	980	190	<200	<2	2	17	30	3.4	<2	<1	<5	
S1 AS566	<20	880	160	<200	<2	2	19	43	3.5	<2	<1	<5	
S1 AS567	<20	1000	200	<200	<2	2	17	34	3.5	<2	<1	<5	
S1 AS568	<20	1100	170	<200	<2	3	18	27	3.7	<2	<1	<5	
S1 AS569	<20	1000	200	<200	2	2	19	50	3.8	<2	<1	<5	
S1 AS570	<20	1100	190	<200	<2	2	19	51	3.9	<2	<1	<5	
S1 AS571	<20	1000	260	<200	<2	2	18	32	3.6	<2	<1	<5	
S1 AS572	<20	990	160	<200	3	2	21	48	4.2	<2	<1	<5	
S1 AS573	<20	1000	200	<200	<2	2	18	42	3.3	<2	<1	<5	
S1 AS574	<20	950	200	<200	<2	5	20	38	3.8	<2	<1	<5	
S1 AS575	<20	930	170	<200	<2	2	15	45	3.5	<2	<1	<5	
S1 AS576	<20	840	170	<200	<2	3	14	37	3.2	<2	<1	<5	
S1 AS577	<20	1100	170	<200	<2	4	17	42	3.6	<2	<1	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS538	<0.5	15.0	5	<1	5.4	1.9	1.30	9	54	<500	68	
S1 AS539	<0.5	17.0	3	<1	4.3	1.9	1.50	6	57	<500	76	
S1 AS540	<0.5	17.0	4	<1	6.2	1.9	1.50	2	71	<500	58	
S1 AS541	<0.5	16.0	3	1	5.6	2.0	1.20	3	69	<500	83	
S1 AS542	<0.5	20.0	3	<1	5.3	2.1	1.40	6	69	<500	91	
S1 AS543	<0.5	19.0	4	<1	4.3	2.1	1.60	5	90	<500	83	
S1 AS544	<0.5	18.0	3	<1	3.6	1.7	1.80	3	64	<500	43	
S1 AS545	<0.5	18.0	3	<1	4.1	1.8	1.60	2	73	<500	44	
S1 AS546	<0.5	22.0	3	<1	3.7	1.7	1.60	8	49	<500	101	
S1 AS547	<0.5	18.0	3	<1	3.8	1.5	1.50	1	75	<500	42	
S1 AS548	<0.5	20.0	3	<1	3.8	1.3	1.60	2	99	<500	52	
S1 AS549	<0.5	16.0	5	<1	4.5	1.7	1.50	3	66	<500	29	
S1 AS550	<0.5	16.0	5	<1	4.9	1.8	1.40	2	50	530	28	
S1 AS551	<0.5	17.0	5	<1	4.3	1.9	1.60	1	100	<500	30	
S1 AS552	<0.5	17.0	6	1	6.4	2.0	1.50	2	82	<500	35	
S1 AS553	<0.5	24.0	3	<1	3.5	1.5	1.50	3	68	<500	63	
S1 AS554	<0.5	17.0	4	<1	5.0	2.0	1.40	4	66	<500	39	
S1 AS555	<0.5	20.0	2	1	3.6	1.3	1.70	2	39	<500	64	
S1 AS556	<0.5	17.0	3	<1	3.6	1.6	1.50	5	80	<500	49	
S1 AS557	<0.5	19.0	3	<1	4.1	1.4	1.40	5	59	<500	35	
S1 AS558	<0.5	15.0	4	1	4.9	2.1	1.30	3	50	<500	27	
S1 AS559	<0.5	19.0	2	<1	3.4	1.5	1.40	9	52	<500	56	
S1 AS560	<0.5	16.0	4	<1	3.8	1.6	1.50	6	41	<500	41	
S1 AS561	<0.5	16.0	3	<1	3.6	1.8	1.40	7	58	<500	42	
S1 AS562	<0.5	16.0	4	<1	4.6	1.9	1.60	5	55	<500	35	
S1 AS563	<0.5	17.0	3	<1	4.0	1.4	1.50	6	50	<500	34	
S1 AS564	<0.5	16.0	5	1	4.5	1.8	1.40	5	36	690	29	
S1 AS565	<0.5	16.0	5	<1	3.9	1.6	1.90	4	47	<500	29	
S1 AS566	<0.5	16.0	5	<1	4.5	2.1	1.50	6	38	<500	33	
S1 AS567	<0.5	19.0	4	<1	3.9	1.7	1.80	8	49	740	35	
S1 AS568	<0.5	18.0	5	<1	4.8	2.0	1.70	5	61	<500	30	
S1 AS569	<0.5	16.0	5	<1	4.3	2.1	1.60	5	63	<500	27	
S1 AS570	<0.5	17.0	4	<1	4.2	1.8	1.80	3	51	570	32	
S1 AS571	<0.5	19.0	4	<1	3.8	2.1	1.70	4	57	<500	29	
S1 AS572	<0.5	16.0	5	1	4.6	1.8	1.60	4	52	520	28	
S1 AS573	<0.5	17.0	4	<1	4.1	2.0	1.70	7	47	<500	30	
S1 AS574	<0.5	18.0	5	<1	4.9	1.9	1.60	4	59	<500	44	
S1 AS575	<0.5	20.0	3	<1	3.3	1.3	1.70	11	47	<500	63	
S1 AS576	<0.5	16.0	5	1	3.3	1.5	1.40	11	42	<500	41	
S1 AS577	<0.5	20.0	4	<1	4.0	1.7	1.80	4	61	<500	38	

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Geochemical  
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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SAMPLE NUMBER	ELEMENT UNITS	AU PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM
S1 AS578		9	<100	<5	<200	4	<50	12	<10	14	2.1	5.4	<10
S1 AS579		<5	<100	<5	<200	<2	<50	<10	<10	10	2.0	5.5	<10
S1 AS580		<5	<100	<5	<200	2	<50	15	<10	11	1.8	5.9	<10
S1 AS581		5	<100	<5	<200	<2	<50	19	<10	8	2.0	6.3	<10

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PAGE 6B

SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM
S1 AS578	<20	820	200	<200	<2	3	15	36	3.0	<2	<1	<5	
S1 AS579	<20	960	180	<200	<2	2	18	<10	3.4	<2	<1	<5	
S1 AS580	<20	910	230	<200	<2	3	18	48	3.6	<2	<1	<5	
S1 AS581	<20	960	220	<200	<2	4	19	27	3.5	<2	<1	<5	

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SAMPLE NUMBER	ELEMENT UNITS	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM	Cu PPM
S1 AS578	<0.5	16.0	3	<1	4.0	1.6	1.40	9	45	<500	35	
S1 AS579	<0.5	17.0	4	<1	4.8	1.7	1.60	8	53	<500	33	
S1 AS580	<0.5	18.0	5	<1	4.3	1.8	1.50	11	58	<500	48	
S1 AS581	<0.5	19.0	3	<1	4.0	1.7	1.40	5	66	<500	38	

APPENDIX II  
TO ACCOMPANY BIOGEOCHEM RESULTS

**A. Sample method**

Second year needles twigs were collected predominantly from balsam (true fir) trees, with the occasional spruce. The samples were collected within a radius of approximately 20 m from the sample point, and were taken on all sides of the trees. Needle and twig samples were placed in large plastic sample bags, tied, and hand delivered to Bondar Clegg Labs in North Vancouver.

**B. Analytical Methods**

The needles and twigs were macerated, blended and burnt to ash. See appended results.

**13. STATISTICS ON THE TEST BIOGEOCHEMICAL SURVEY**

**ANTHIAN-R.B. PROJECT VEGETATION SAMPLES**

**SIMPLE STATISTICS**

Element	Unit	n	Mean	Median	Standard Deviation	Lowest Value	Highest Value	Coef. of Var.
AU	PPB	45	.34	.25	.25	.01	1.30	.74
ZN	PPM	45	30.4	29.0	5.0	22.0	45.0	.17
MO	PPM	45	.675	.660	.113	.420	.910	.17
BA	PPM	45	63.0	62.0	16.9	29.0	120.0	.27
BR	PPM	45	.47	.40	.22	.20	1.60	.47
RB	PPM	45	9.8	8.6	3.9	5.0	27.0	.40

NOTE - Coefficient of Variation = Standard Deviation / Mean

**ANTHIAN-R.B. PROJECT VEGETATION SAMPLES --NB**

**CORRELATION MATRIX**

	AU	ZN	MO	BA	BR	RB
AU	1.0000	-.3769	-.2191		-.0879	-.1854
ZN		1.0000				
MO			1.0000	-.0351		
BA	.1449	.0991		1.0000	-.0809	-.1412
BR		.0457	.0474		1.0000	
RB		.4504	.2380		.2226	1.0000

45 SAMPLE PAIRS ARE COMPLETE

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**Geochemical  
Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R90-01885.D ( COMPLETE )

REFERENCE INFO: ANTHIAN-R.B.

CLIENT: JEFFCO HOLDINGS LTD  
PROJECT: ANTHIAN-R.B.

SUBMITTED BY: POLINI  
DATE PRINTED: 24-SEP-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
V VEGETATION	45	B PELLET	45	MACERATING/BLENDING	45

REPORT COPIES TO: JEFFCO HOLDINGS LTD  
COCHRANE CONSULTANTS

INVOICE TO: JEFFCO HOLDINGS LTD

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702 (359-9330)



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PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Na PPM	Br PPM	Rb PPM
VB AB-1	<50	0.6	14.0	
VB AB-2	<50	0.5	8.0	
VB AB-3	<50	0.3	9.5	
VB AB-4	<50	0.4	15.0	
VB AB-5	<50	0.3	7.2	
VB AB-6	<50	0.5	8.0	
VB AB-7	<50	0.3	6.8	
VB AB-8	<50	0.8	5.1	
VB AB-9	<50	0.5	11.0	
VB AB-10	<50	0.5	12.0	
VB AB-11	<50	0.4	7.2	
VB AB-12	<50	0.8	7.8	
VB AB-13	<50	0.4	5.0	
VB AB-14	<50	0.8	10.0	
VB AB-15	<50	0.5	10.0	
VB AB-16	<50	0.6	10.0	
VB AB-17	<50	0.4	12.0	
VB AB-18	<50	0.5	7.1	
VB AB-19	<50	0.4	11.0	
VB AB-20	<50	0.5	8.9	
VB AB-21	<50	0.5	5.4	
VB AB-22	<50	0.5	8.6	
VB AB-23	<50	0.4	8.4	
VB AB-24	<50	0.3	5.8	
VB AB-25	<50	0.2	7.6	
VB AB-26	<50	0.3	10.0	
VB AB-27	<50	0.4	10.0	
VB AB-28	<50	0.4	6.4	
VB AB-29	<50	0.2	7.3	
VB AB-30	<50	0.5	10.0	
VB AB-31	<50	1.6	16.0	
VB AB-32	<50	0.6	17.0	
VB AB-33	<50	0.6	13.0	
VB AB-34	<50	0.4	10.0	
VB AB-35	<50	0.5	14.0	
VB AB-36	<50	0.4	8.2	
VB AB-37	<50	0.3	7.2	
VB AB-38	<50	0.5	7.7	
VB AB-39	<50	0.4	12.0	
VB AB-40	<50	0.3	8.3	

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PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Se PPM	Ba PPM	Cr PPM	W PPM	La PPM	Ce PPM	Sm PPM	Sc PPM	Ta PPM	Th PPM	U PPM
VB AB-1	<0.5	43	<0.5	<0.05	<0.1	0.2	0.02	0.02	<0.05	<0.05	<0.05	<0.02
VB AB-2	<0.5	63	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-3	<0.5	68	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-4	<0.5	65	<0.5	<0.05	<0.1	0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-5	<0.5	64	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-6	<0.5	83	<0.5	<0.05	<0.1	0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-7	<0.5	69	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-8	<0.5	72	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-9	<0.5	56	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-10	<0.5	100	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-11	<0.5	100	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-12	<0.5	57	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-13	<0.5	79	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-14	<0.5	62	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-15	<0.5	57	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-16	<0.5	47	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-17	<0.5	53	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-18	<0.5	45	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-19	<0.5	50	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-20	<0.5	53	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-21	<0.5	29	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-22	<0.5	55	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-23	<0.5	78	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-24	<0.5	59	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-25	<0.5	68	<0.5	<0.05	<0.1	0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-26	<0.5	55	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-27	<0.5	45	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-28	<0.5	72	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-29	<0.5	66	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-30	<0.5	51	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-31	<0.5	59	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-32	<0.5	57	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-33	<0.5	72	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-34	<0.5	66	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-35	<0.5	76	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-36	<0.5	79	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-37	<0.5	46	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-38	<0.5	50	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-39	<0.5	43	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02
VB AB-40	<0.5	44	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.05	<0.02

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PROJECT: ANTHIAN-R.B.

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PPM
VB AB-1		0.85	<2	<0.2	29	0.49	<2	0.2	<0.2	<0.05	0.02	110
VB AB-2		0.30	<2	<0.2	26	0.53	<2	<0.2	<0.2	<0.05	0.01	59
VB AB-3		0.53	<2	<0.2	27	0.52	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-4		1.00	<2	<0.2	29	0.67	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-5		0.80	<2	<0.2	27	0.77	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-6		0.85	<2	<0.2	30	0.60	<2	<0.2	<0.2	<0.05	<0.01	50
VB AB-7		0.43	<2	<0.2	28	0.76	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-8		0.31	<2	<0.2	30	0.65	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-9		0.35	<2	<0.2	26	0.71	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-10		0.20	<2	<0.2	27	0.86	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-11		1.30	<2	<0.2	22	0.75	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-12		0.60	<2	<0.2	29	0.66	<2	0.3	<0.2	<0.05	0.01	<50
VB AB-13		0.40	<2	<0.2	28	0.67	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-14		0.41	<2	<0.2	30	0.66	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-15		0.30	<2	<0.2	24	0.63	<2	0.3	<0.2	<0.05	<0.01	51
VB AB-16		0.49	<2	<0.2	24	0.61	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-17		0.34	<2	<0.2	26	0.87	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-18		0.23	<2	<0.2	26	0.83	<2	0.2	<0.2	<0.05	<0.01	<50
VB AB-19		0.23	<2	<0.2	29	0.66	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-20		0.20	<2	<0.2	27	0.80	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-21		0.19	<2	<0.2	24	0.80	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-22		0.23	<2	<0.2	30	0.67	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-23		0.16	<2	<0.2	25	0.64	<2	<0.2	<0.2	<0.05	0.01	<50
VB AB-24		0.20	<2	<0.2	24	0.42	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-25		0.33	<2	<0.2	34	0.82	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-26		0.18	<2	<0.2	36	0.64	<2	<0.2	<0.2	<0.05	0.01	<50
VB AB-27		0.30	<2	<0.2	39	0.49	<2	<0.2	<0.2	<0.05	0.01	<50
VB AB-28		0.32	<2	<0.2	28	0.56	<2	<0.2	<0.2	<0.05	0.01	<50
VB AB-29		0.31	<2	<0.2	30	0.67	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-30		0.19	<2	<0.2	29	0.71	<2	<0.2	<0.2	<0.05	0.01	<50
VB AB-31		0.18	<2	<0.2	35	0.66	<2	<0.2	<0.2	<0.05	0.01	<50
VB AB-32		<0.05	<2	<0.2	36	0.91	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-33		0.16	<2	<0.2	38	0.77	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-34		0.22	<2	<0.2	30	0.85	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-35		0.39	<2	<0.2	35	0.67	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-36		0.25	<2	<0.2	32	0.63	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-37		0.22	<2	<0.2	34	0.66	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-38		0.17	<2	<0.2	31	0.66	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-39		0.16	<2	<0.2	32	0.63	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-40		0.17	<2	<0.2	29	0.58	<2	<0.2	<0.2	<0.05	<0.01	<50

Bondar-Clegg, Inc.  
628 Spice Island Dr.  
Building 1, Unit A  
Sparks, Nevada 89431  
702 (359-9330)



Geochemical  
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R90-01885.D ( COMPLETE )

REFERENCE INFO: ANTHIAN-R.B.

CLIENT: JEFFCO HOLDINGS LTD  
PROJECT: ANTHIAN-R.B.

SUBMITTED BY: POLINT  
DATE PRINTED: 24-SEP-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	45	0.05 PPB	INST. NEUTRON ACTIV.
2	Ir	Iridium	45	2 PPB	INST. NEUTRON ACTIV.
3	Ag	Silver	45	0.2 PPM	INST. NEUTRON ACTIV.
4	Zn	Zinc	45	2 PPM	INST. NEUTRON ACTIV.
5	Mo	Molybdenum	45	0.05 PPM	INST. NEUTRON ACTIV.
6	Ni	Nickel	45	2 PPM	INST. NEUTRON ACTIV.
7	Co	Cobalt	45	0.2 PPM	INST. NEUTRON ACTIV.
8	Cd	Cadmium	45	0.2 PPM	INST. NEUTRON ACTIV.
9	As	Arsenic	45	0.05 PPM	INST. NEUTRON ACTIV.
10	Sb	Antimony	45	0.01 PPM	INST. NEUTRON ACTIV.
11	Fe	Iron	45	50 PPM	INST. NEUTRON ACTIV.
12	Se	Selenium	45	0.5 PPM	INST. NEUTRON ACTIV.
13	Ba	Barium	45	5 PPM	INST. NEUTRON ACTIV.
14	Cr	Chromium	45	0.1 PPM	INST. NEUTRON ACTIV.
15	W	Tungsten	45	0.05 PPM	INST. NEUTRON ACTIV.
16	La	Lanthanum	45	0.1 PPM	INST. NEUTRON ACTIV.
17	Ce	Cerium	45	0.1 PPM	INST. NEUTRON ACTIV.
18	Sm	Samarium	45	0.01 PPM	INST. NEUTRON ACTIV.
19	Sc	Scandium	45	0.02 PPM	INST. NEUTRON ACTIV.
20	Ta	Tantalum	45	0.05 PPM	INST. NEUTRON ACTIV.
21	Th	Thorium	45	0.05 PPM	INST. NEUTRON ACTIV.
22	U	Uranium	45	0.01 PPM	INST. NEUTRON ACTIV.
23	Na	Sodium	45	50 PPM	INST. NEUTRON ACTIV.
24	Br	Bromine	45	0.1 PPM	INST. NEUTRON ACTIV.
25	Rb	Rubidium	45	0.5 PPM	INST. NEUTRON ACTIV.

Bondar-Clegg, Inc.  
625 Spice Island Dr.  
Building 1, Unit A  
Sparks, Nevada 89431  
702 (359-9330)



Geochemical  
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R90-01885.0

DATE PRINTED: 24-SEP-90

PROJECT: ANTHIAN-R.B.

PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PPM
VB AB-41		0.18	<2	<0.2	33	0.66	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-42		0.17	<2	<0.2	34	0.55	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-43		0.14	<2	<0.2	42	0.53	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-44		0.20	<2	<0.2	45	0.86	<2	<0.2	<0.2	<0.05	<0.01	<50
VB AB-45		0.32	<2	<0.2	38	0.62	<2	<0.2	<0.2	<0.05	<0.01	<50

Bondar-Clegg, Inc.  
625 Spice Island Dr.  
Building 1, Unit A  
Sparks, Nevada 89431  
702 (359-9330)



Geochemical  
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 24-SEP-90

REPORT: R90-01885.0

PROJECT: ANTHIAN-R.B.

PAGE 2B

SAMPLE NUMBER	ELEMENT UNITS	Se PPM	Ba PPM	Cr PPM	W PPM	La PPM	Ce PPM	Sm PPM	Sc PPM	Ta PPM	Th PPM	U PPM
VB AB-41		<0.5	71	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.02
VB AB-42		<0.5	66	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.02
VB AB-43		<0.5	120	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.02
VB AB-44		<0.5	49	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.02
VB AB-45		<0.5	72	<0.5	<0.05	<0.1	<0.1	<0.01	<0.02	<0.05	<0.05	<0.02

Bondar-Clegg, Inc.  
625 Spice Island Dr.  
Building 1, Unit A  
Sparks, Nevada 89431  
702 (359-9330)



Geochemical  
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 24-SEP-90

PROJECT: ANTHIAN-R.B.

PAGE 2C

REPORT: R90-01885.0

SAMPLE NUMBER	ELEMENT UNITS	Na PPM	Br PPM	Rb PPM
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VB AB-41	<50	0.5	6.8
VB AB-42	<50	0.4	6.9
VB AB-43	<50	0.4	8.0
VB AB-44	<50	0.4	27.0
VB AB-45	<50	0.2	14.0

COST STATEMENT

PERIOD: MARCH TO OCTOBER 1990

**PERSONNEL**

J.J. Poloni	10,375.00	
C. Poloni	5,315.00	
C. Davitt	3,045.00	
B. Harders	1,080.00	
D. Ethier	875.00	
R. Reading	875.00	
R. Cournoyer	<u>915.00</u>	
sub-total	111.5 man-days	\$22,480.00

**AIR GEOPHYSICS**

139.0 line km @ \$100	13,900.00
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**EQUIPMENT RENTAL**

Camp, Truck, etc.	6,962.10
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**FOOD, GAS, SUPPLIES**

7,903.66
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**HELICOPTER**

9,832.06
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**ASSAY**

7,905.09
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**TRANSPORTATION**

Motel, Airfare, etc.	2,233.78
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**REPORT PREPARATION**

Drafting, computer, misc.	<u>3,023.35</u>
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**TOTAL**

<u>\$74,240.04</u>
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Respectfully submitted,

D.R. Cochrane, P.Eng.  
September 20, 1991

- 10600 N

57959	57647	5762	57641	58151	58146	58023	-		
58106	57728	57704	57652	57956	58200	5846	57942		
57710	57867	57910	57980	58250	58496	58243	- 10400 N		
57976	58093	58070	58711	58561	57914	58122	58086		
57849	57982	58187	58653	58422	58156	57927	58118		
57762	57934	58015	58726	58452	58141	57978	58059		
58080	57932	58019	58411	57923	57932	57941	58117		
58265	57852	58100	58477	58412	57188	57679	- 10200 N		
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57860	58070	58404	58605	57903	57964	57858	58085	57850	57756
57820	58360	58625	58901	57955	58011	57837	57890	57860	57928
57935	58750	58405	58883	58015	58019	57983	57875	57756	- 9800 N
58351	58770	58079	58415	58010	58001	58241	57881	57722	57900
58346	58138	57874	58330	57822	58009	58274	58053	57901	- 9700 N
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58443	58141	58435	58259	57927	58275	58339	58328	57870	57986
58158	57718	58024	58147	57901	58612	58653	58715	57975	- 9600 N
58293	58109	57615	58032	58002	59073	58798	59140	58104	- 9500 N
58257	57710	57957	57963	58020	59651	58521	58473	58300	57910
58170	57631	57920	58067	58000	58401	58261	58208	58160	- 9400 N
58084	57570	57946	58167	57934	58217	58100	57927	58147	58000
58120	57701	57743	58163	57911	58104	57964	57930	58055	57984
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57936	57608	58021	58132	58021	57951	57965	57955	58059	58010
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	57821	58292	57964	58018	58026	58037			
	57835	58076	57975	58057	58074	58131			
	57970	58058	57989	58036	58070	58127			
	57919	57930	58021	58009	58161	58214			- 8800 N
	58006	57989	58051	58003	58043	58050			
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	58044	58171	58133	58141	58040	58034			
	58075	58142	57985	57986	58063	58080			
	58259	58185	58153	58047	58025	58015			
	58151	58068	58032	57975	58010	57958			- 8600 N
9600E	9800E	10000E	10200E	10400E					

N  
↓

ANTHIAN RESOURCES LTD.

R.B CLAIMS

MAGNETOMETER SURVEY  
PLAN

AR 21002

SCALE 1:5000	DATE DEC 1/90	PLAN No.
DRAWN J.J.P	CHECKED	5

- 10500N

-17	-32	-26	-8	-19	-11	-23	+22		+1	+8	+5
+1	-8	-1	-15	-16	-13	-4	+47	+29	+32	+32	+17
+6	-9	-18	-19	-6	-22	+22	+18	+51	+14	+3	+13
-6	-21	-23	+4	+6	-8	+48	-6	+17	-10	-17	-5
+9	+5	+24	+22	+14	+30	+50	-3	-4	-3	-13	-15
+19	+12	+19	+6	+3	+24	+11	+6	+10	+9	+4	-6
-1	-13	+9	-19	-20	+23	-14	.0	+10	+11	+10	+9
-25	-17	-16	-39	-3	+8	-10	-12	-4	+4	+6	+12
-39	-13	-48	-40	-30	-7	-11	-14	-16	-1	-1	+7
-25	-26	-48	+5	+13	-3	-12	-1	-7	-1	-16	+4
-13	-35	-18	+47	+2	+7	-1	+21	+9	-17	-15	+8
-30	-16	+8	+39	+11	+13	+17	+9	-5	-32	-8	+8
-20	+20	+31	+27	+14	+9	+28	-16	-20	-7	-16	-4
+18	+38	+51	+28	+20	+15	+22	-6	-3	+19	-11	-4
+37	+33	+61	+20	+15	+19	+2	+10	+14	+8	+7	+11
+32	+44	+48	+13	+5	+5	-9	+5	+7	-12	+11	+10
+11	+55	+16	+2	+3	-4	-6	-8	-4	-7	+5	-4
-2	+22	-3	-6	+1	-2	-5	-14	-10	+5	+6	-15
+18	-5	-3	-16	-11	+1	-2	-5	-9	+8	+15	-16
+47	.0	-5	-5	-14	-5	+2	+4	+2	+8	+15	-12
+33	-3	-7	-6	-1	-8	-4	-3	+4	+4	+8	-14
+4	-1	+3	-16	+2	+1	-10	-5	-2	-3	+1	-2
-1	+4	+5	-10	-3	+1	-9	+1	-4	-10	-1	+12
-3	-3	-14	+12	+2	-3	-6	+3	.0	-1	+5	+1
0	-2	-10	+25	+15	-3	+1	+4	+5	+10	-1	-10
+10	+3	+11	+14	+11	-10	.0	+5	.0	+11	-7	-2
-6	+1	+8	-21	-6	-10	-5	+7	-3	+3	-5	-5
-24	-17	-13	-56	-17	.0	-3	.0	+1	-12	+8	-2
.	.	.	-24	+5	+6	-8	.0	.0	-6	.	.
.	.	.	-21	+4	+4	-1	-1	-4	+6	.	.
N			-1	+2	-1	-11	.0	.0	+7		
			+12	-8	+3	+14	+16	+5			
			+4	-11	+1	-9	+13	-4			
			-11	-25	-5	-37	-23	-14			
			-24	-34	-19	-31	-41	-19			
			-4	-7	-25	-2	-13	-17			
			+23	+4	-6	+6	+9	-13			
			+33	+21	+4	+8	+1	-6			

AR 21002

R.B. (SOUTH) CLAIM

FILTERED VLF-EM

SURVEY PLAN

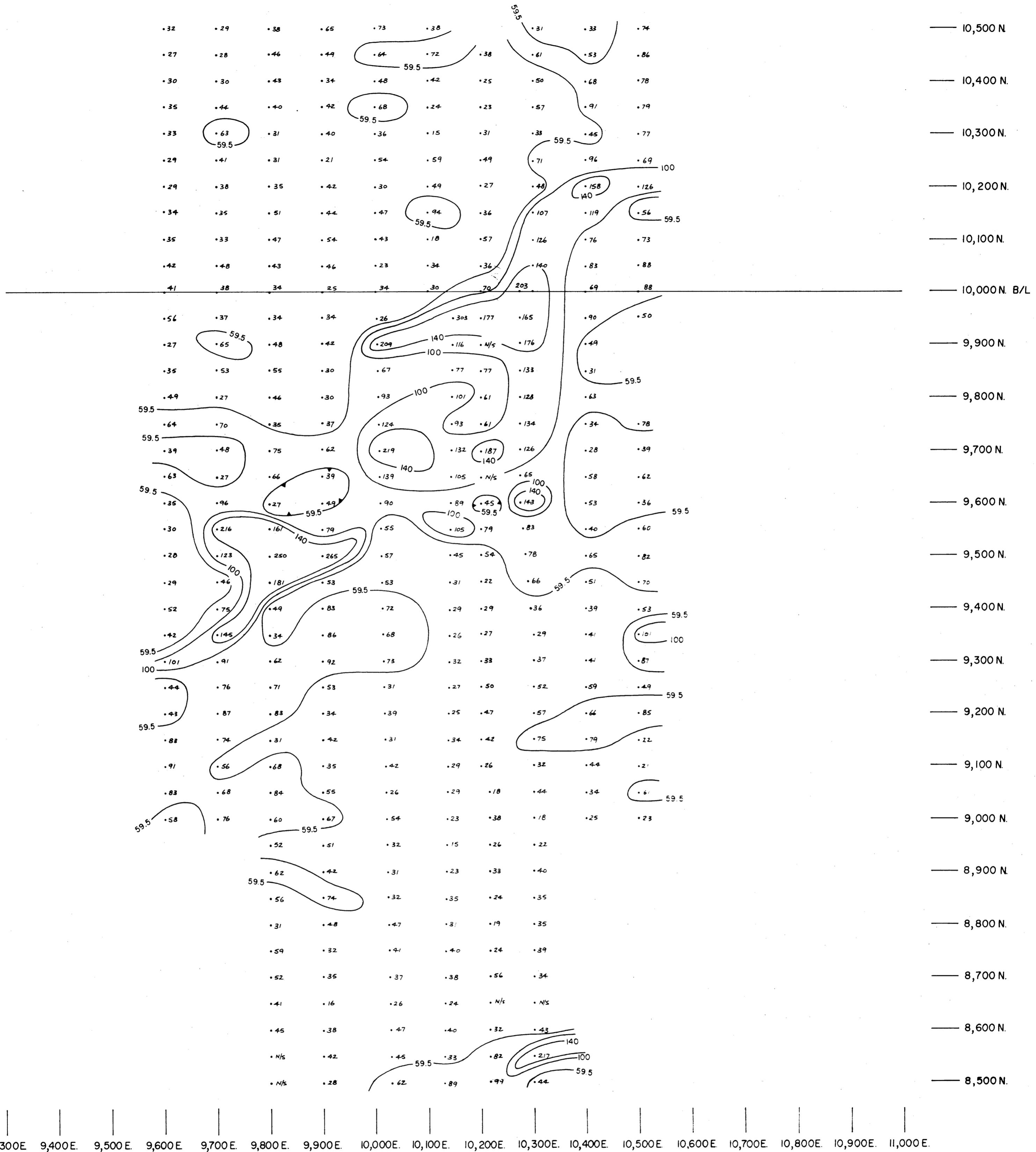
MT MILLIGAN AREA

CARIBOO MINING DIV.

DRAWN JJP DATE DEC/

SCALE 1:5000

1100E 1 9600E 1 9800E 1 10000E 1 10200E 1 10400E 1 Plan 6



Cu MEAN 59.5 ppm  
STANDARD DEVIATION 40.0 ppm

AR 21002

ANTHIAN RESOURCES LTD.

R.B. CLAIMS  
SOIL GEOCHEMICAL  
SURVEY PLAN  
COPPER IN PPM

MT. MILLIGAN AREA  
CARIBOO MINING DIVISION, B.C.

COCHRANE CONSULTANTS LTD.

DRAWN.	J.W.	CHECKED.	D.C.	PLAN No.
SCALE	1:5000	DATE.	JULY 10, 1991	7

.25	.25	.25	.10	.25	.25	.25	.25	.25	.25	-	10500N
.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	-	N
.25	.25	.6	.25	.25	.25	.25	.25	.6	.6	-	
.7	.10	.25	.25	.25	.25	.25	.25	.7	.25	-	
.8	.25	.25	.25	.25	.25	.25	.25	.25	.9	-	
.6	.25	.25	.25	.25	.12	.25	.25	.25	.25	-	
.25	.7	.5	.25	.25	.25	.25	.25	.6	.6	-	
.25	.9	.16	.25	.25	.25	.25	.25	.25	.6	-	
.25	.25	.25	.6	.25	.25	.25	.25	.25	.6	-	
.25	.25	.25	.11	.25	.25	.25	.25	.8	.6	-	
-	.25	.5	.25	.25	.5	.25	.25	.8	.14	-	10,000N
.25	.25	.25	.6	.25	.25	.25	.25	.25	.18	-	
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.25	.9	.25	.25	.25	.25	.25	.25	.14	.N/S	-	
.25	.10	.25	.25	.25	.25	.25	.25	.6	.N/S	-	
.25	.25	.25	.8	.25	.25	.25	.25	.9	.7	-	
.25	.25	.9	.25	.5	.10	.13	.6	.25	.25	-	
.25	.12	.25	.25	.5	.9	.N/S	.9	.6	.7	-	
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.25	.9	.25	.5	.9	.6	.8	.7	.87	.25	-	
.25	.25	.10	.25	.6	.11	.9	.5	.7	.5	-	9500N
.14	.25	.25	.25	.12	.9	.8	.25	.26	.9	-	
.7	.25	.5	.8	.8	.12	.25	.9	.25	.25	-	
.25	.25	.25	.25	.7	.25	.7	.8	.9	.15	-	
.11	.14	.6	.10	.6	.25	.25	.7	.25	.6	-	
.25	.8	.25	.10	.25	.25	.10	.25	.220	.45	-	
.25	.11	.6	.10	.25	.25	.6	.25	.25	.25	-	
.25	.10	.11	.9	.15	.25	.25	.8	.5	.25	-	
.25	.25	.6	.14	.25	.25	.25	.7	.15	.25	-	
.25	.25	.8	.25	.75	.7	.25	.21	.7	.57	-	
.25	.7	.25	.160	.7	.25	.11	.25	.8	.25	-	9000N
		.25	.5	.25	.25	.25	.25	.25	.25	-	
-		.25	.7	.25	.7	.25	.25	.25	.25	-	
-		.25	.8	.12	.25	.25	.25	.25	.25	-	
-		.33	.25	.25	.9	.25	.25	.11			
-		.25	.12	.25	.25	.25	.25	.11			
-		.6	.25	.7	.25	.18	.12				
-		.6	.25	.25	.25	.N/S	.N/S				
-		.8	.10	.25	.25	.25	.5				
-		.N/S	.25	.25	.25	.5	.8				
-8500N		.N/S	.25	.25	.25	.25	.6	.25			

AR 21002

R.B (SOUTH) CLAIMS

SOIL GEOCHEMISTRY

GOLD IN PPB.

MT MILLIGAN AREA  
CARIBOO MINING DIVISION

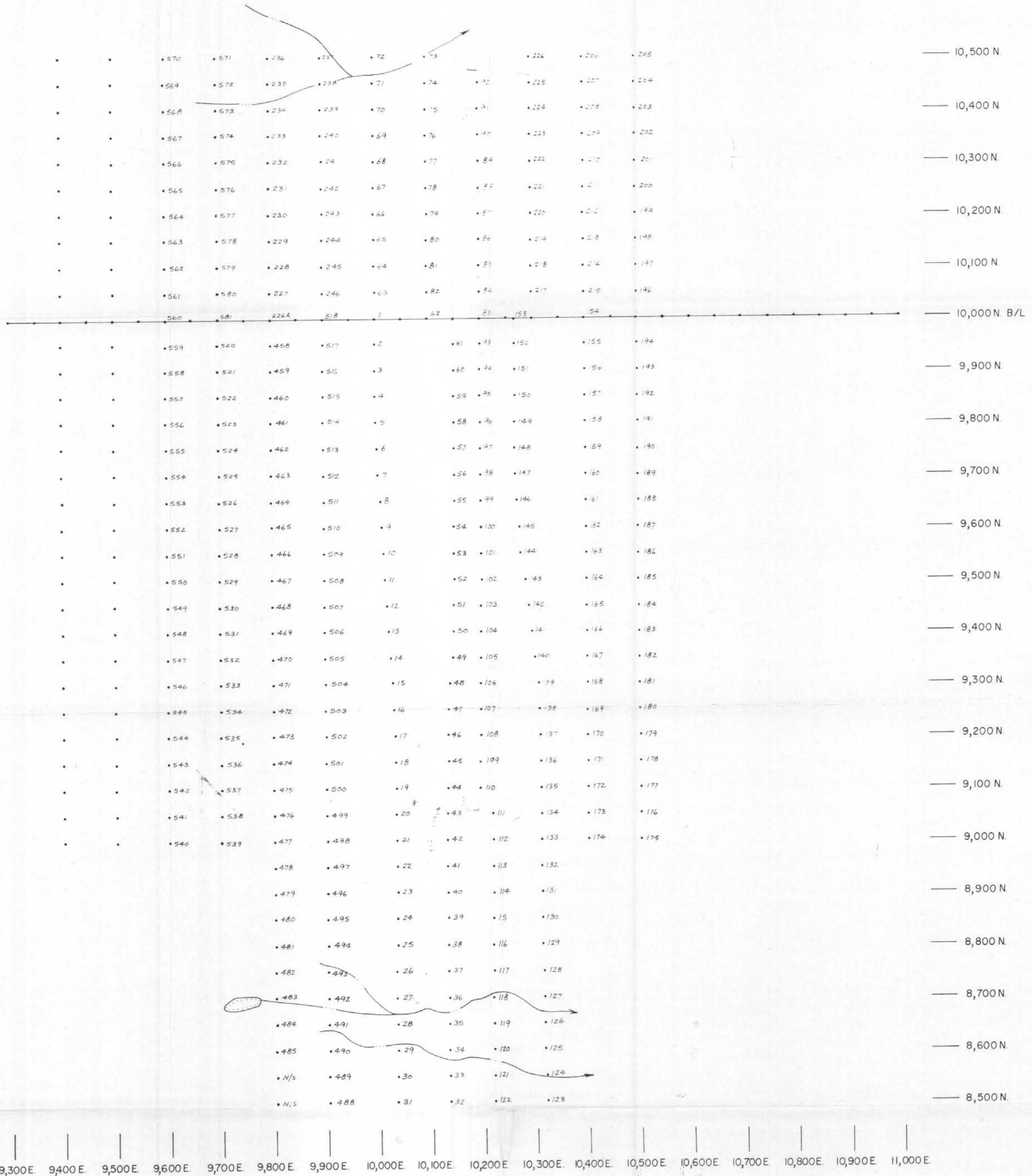
DRAWN J.S.P DATE DEC 1, 1990  
SCALE 1:5000

9600E

10,000E

10500E

Plan 8



#### LEGEND

- SURVEY SAMPLE LOCATION
- SS SOIL SAMPLE LOCATION
- CUT BASELINE
- POND AND DRAINAGE PATTERN

AR 21002

ANTHIAN RESOURCES LTD.

## R.B. CLAIMS SAMPLE LOCATION PLAN

MT. MILLIGAN AREA  
CARIBOO MINING DIVISION, B.C.

COCHRANE CONSULTANTS LTD.

DRAWN.	J.J.P.	CHECKED.	D.C.	PLAN No.
SCALE.	1:5000	DATE.		39



m 0 100 200 300 400 500 m