ARIS SUMMARY SHEET

District Geologist, Prince George Off Confidential: 90.04.21

ASSESSMENT REPORT 18667 MINING DIVISION: Cariboo

PROPERTY: Dragon
LOCATION: LAT 52 57 00 LONG 122 22 00
UTM 10 5866678 542553
NTS 093B16W
CLAIM(S): Dragon,Dragon 2-3,Rich 1-3
OPERATOR(S): Circle Res.
AUTHOR(S): Fraser, B.M.
REPORT YEAR: 1989, 31 Pages
COMMODITIES
SEARCHED FOR: Gold
KEYWORDS: Triassic,Takla Formation,Quartz Monzonite,Basalt,Sandstone
WORK
DONE: Geological,Geochemical
GEOL 2150.0 ha
Map(s) - 1; Scale(s) - 1:10 000
SOIL 362 sample(s) ;AU,AG,AS,CU,PB,ZN,SB
Map(s) - 2; Scale(s) - 1:5000
RELATED
REPORTS: 16810

Geochemical and Geological Report
on the Dragon Property
Cariboo Mining Division, British Columbia
N.T.S. 93 B / 16W

Lat: 52 degrees 57 minutes north

Long: 122 degrees 22 minutes west

Claims: Dragon, Dragon 2, Dragon 3, Rich1, Rich 2, Rich 3

Size: 87 units

By: Bryan M. Fraser, B. Sc.

For: Circle Resources Ltd.

Dated: April 20, 1989

TABLE OF CONTENTS

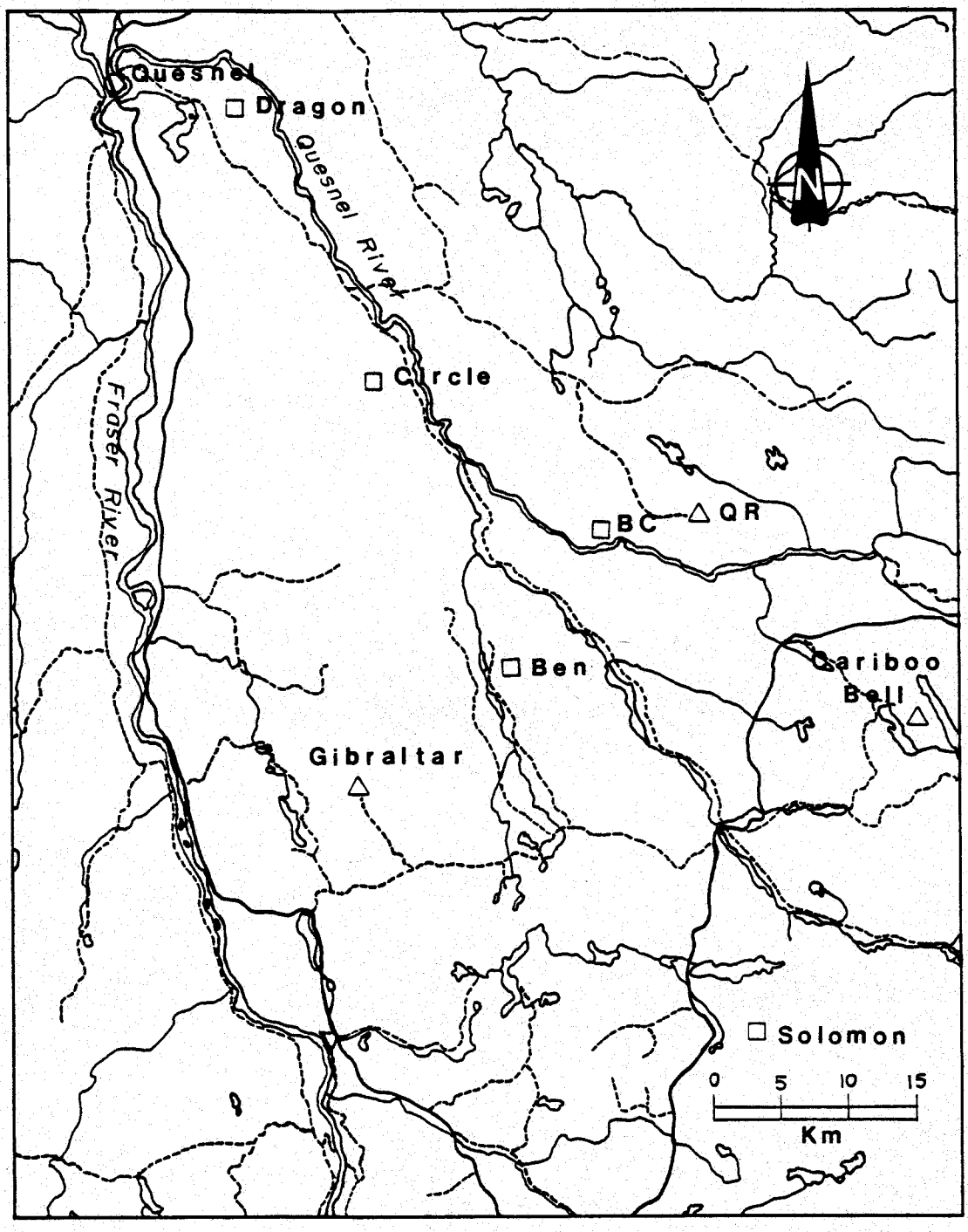
TABLES

PROPERTY MAPS

(in map pocket)

APPENDIX

Figure 1 Location Map of Dragon Property (1:500,000 scale)



INTRODUCTION

This report describes soil geochemical work and 1:10000 scale geology performed during the period September 29 to October 16, 1988 on the Dragon Property , 13 kilometers southeast of Quesnel, B.C. (see Figure 1).

PROPERTY DESCRIPTION

The Dragon Property consists of 6 mineral claims comprising 87 units (21.75 sq. km.) situated at 52° 57' north latitude, 122° 22' west latitude in the Cariboo Mining District of British Columbia. (see Figure 2).

Table 1 Dragon Claim List (N.T.S. 93B/16W)

Claim Name	Record No.	Date of Record	Units
Dragon	7986	September 25, 1986	20
Dragon 2	8627	September 25, 1987	10
Dragon 3	9345	September 30, 1988	16
Rich 1	8625	September 25, 1987	18
Rich 2	8624	September 25, 1987	20
Rich 3	8626	September 25, 1987	3
Total Units			87

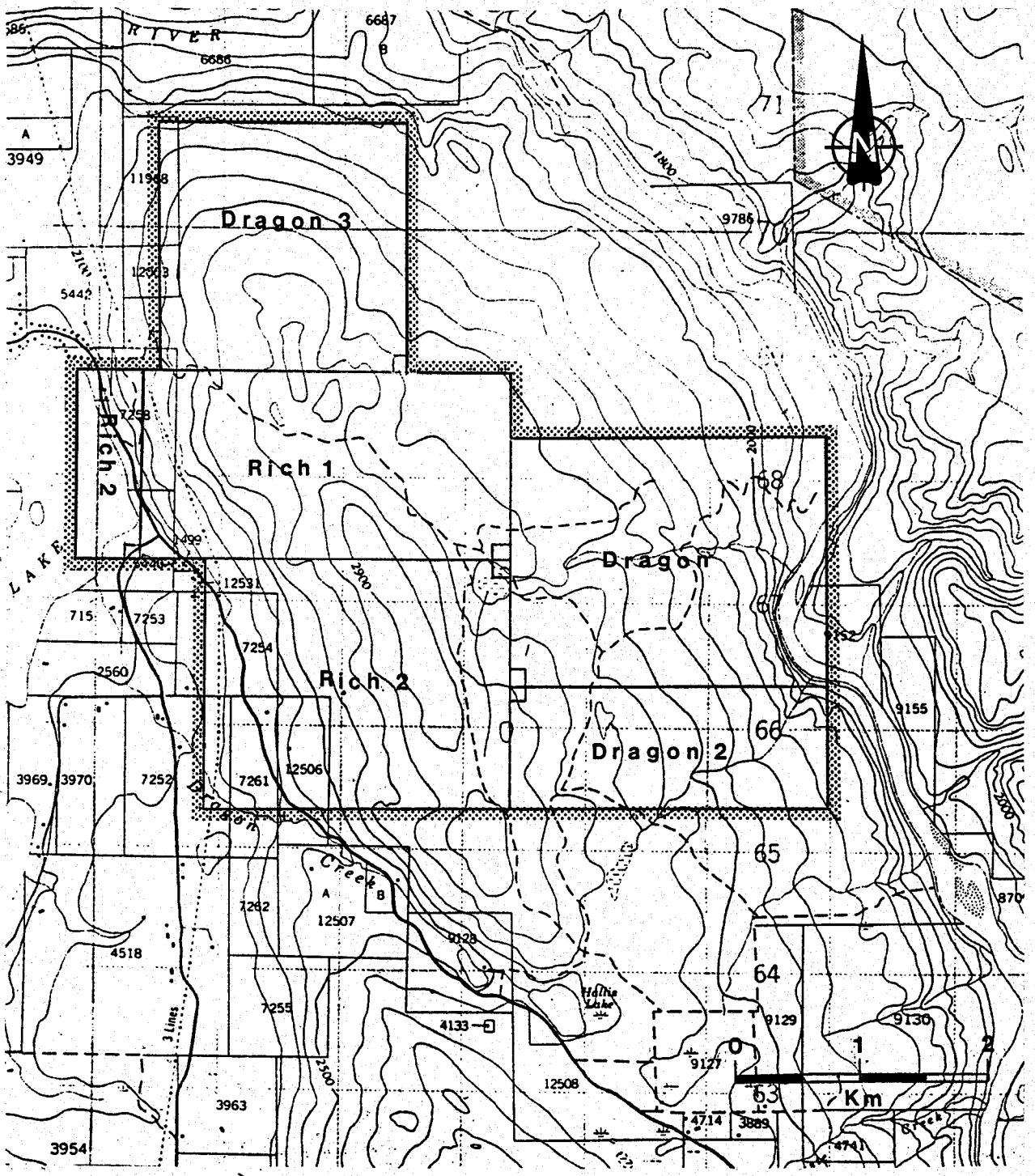
PHYSIOGRAPHY

The Dragon Property lies within the Fraser Plateau region of Central B.C. Topography shows moderate relief overall weith most of the property lying between 610 and 880 meters (2000 and 2900 feet) in elevation. The landscape is dominated by northwest trending ridges and valleys which regionally are believed to represent major fault systems. The Quesnel River valley immediately to the east is a good example.

ACCESS

The Dragon property abuts the eastern side of Dragon Lake, 13 km. southeast of Quesnel, B.C. (see Figure 1). The center of the property is reached via 9 kilometers of paved road southeast from Highway 97 end then by 3.5 kilometers of good gravel road north from the Hallis Lake turnoff. A network of farm roads and clearings covers the eastern side of the property. The western side is crossed by a north trending power line road as well as a paved highway (see Figure 2).

Figure 2 Location Map of Dragon Property
(1:50,000 scale)



PREVIOUS WORK

On the East Grid, soil sampling at 50 meter spacing in 1987 identified isolated gold highs from 45 to 1350 ppb Au (see Plan C-3). Detailed sampling at 25 meter intervals did not establish a consistent zone or pattern.

On the North Grid, soil sampling at 50 meter intervals returned gold values from 15 to 50 ppb Au on lines 5150N through 5350N, adjacent to a magnetic high picked up by ground magnetometer surveys. These marginal values suggested a stronger zone might occur to the north.

On the West Grid, soil sampling returned background values for gold. However, grab samples of quartz veins in quartz monzonite exposed in a rock quarry near the SW corner of Rich 1 claim ran 145 and 156 ppb Au. On review, it was felt that the West Grid did not extend far enough north to test the area adjacent to the quarry.

OBJECT OF PRESENT WORK

The 1988 program was designed to provide follow-up geology and extend soil grid coverage to the north of 1987 work.

CURRENT WORK

Field work was carried out by the following J. C. Stephen Explorations Ltd. personnel under field management by B. Fraser: C. Sayer, A. Anczykowski, P. Hoffmann, L. Williams, M. Rupp. Logistical support was provided by D. McVicar.

The North and West soil grids were extended 1000 meters to the north with line separation of 100 meters and samples taken at 50 meter intervals.

The property was mapped at 1:10,000 scale with focus mainly on the area covered by Dragon 3 and Rich 1 claims.

Total work on the Dragon Property entailed:

- 362 soil samples
- 20.0 km. of flag line located by hip chain and compass
- 9 rock samples
- 1:10,000 scale geology over the areas of interest.

PROPERTY GEOLOGY (see Plan C-1)

Geological mapping was performed by C. Sayer, M.Sc. as part of an overall contract with J. C. Stephen Explorations Ltd. Supplemental mapping and interpretation was by B. Fraser, B.Sc.

a. Rock Types

The Dragon Property is underlain mainly by Upper Triassic Takla Group volcanics and sediments. At least 3 bands of interbedded sediments have been recognized within a fairly homogeneous sequence of fragmental basalt.

Intruding the Takla package is a large quartz monzonite stock of Upper Jurassic to Cretaceous age. Quartz monzonite is exposed in irregular masses throughout the property. Sediments in contact with quartz monzonite are visibly hornfelsed over small distances (generally less than 15 meters).

Secondary intrusives include a suite of porphyry dikes which range from augite porphyry to hornblende porphyry to biotite feldspar porphyry. These intrusives have been grouped with the quartz monzonite during mapping but actual relationship is unclear. Lack of alteration adjacent to some of these dikes suggest that they may actually be coeval feeders to adjacent Takla volcanics.

b. Structure

Reliable attitudes are rare but overall outcrop pattern of sediment layers shows that the Takla package is generally NW striking. Tight NW trending folds have been recognized near L. 5442 in the extreme NW of the property.

The quartz monzonite does not show any preferred direction of intrusion. Where exposed, it appears as irregular masses within the overlying sediments and volcanics. This suggests that the Takla package may have been rafted onto the main intrusive mass.

c. Alteration and Mineralization

Most volcanics show pervasive weak to moderate chlorite alteration. Sediments are variably altered to hornfels adjacent to contact with quartz monzonite.

A good example of hornfelsed sediment occurs near the road junction at the SE corner of Dragon Lake. At this location, strongly hornfelsed sediment forms a 1 to 2 meter zone extending outward from the intrusive contact. Strongly hornfelsed sediment is pale green to cream in colour and cherty in appearance. Less intense, argillic alteration extends beyond the strong hornfels for up to 15 meters. Similar alteration has been observed elsewhere on the property but sampling has not indicated gold enrichment.

On the Dragon Lake road, an adit was driven on a 5 to 15 cm quartz vein which quickly pinched out within an easterly trending shear zone. Rock samples in 1987 from this working returned high As (146 to 231 ppm) but background values for Au, Ag, Sb, Cu, Pb, Zn.

At 2 locations, pits have been dug on quartz-carbonate pods in the quartz monzonite intrusive. Rock samples from both of these areas returned low to background values for Au.

SAMPLING PROCEDURE

Soil samples were taken by grub-hoe at depths ranging from 20 to 30 cm. In general, soil development was poor and samples were predominantly "C" horizon glacial till. Samples were collected in wet strength kraft paper envelopes and shipped by bus from Quesnel to Bondar-Clegg & Company Ltd. in N. Vancouver for analysis.

METHOD OF ANALYSIS

All geochemical materials were sent to:

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

Rock and soil samples were analyzed for:

Au, Ag, As, Cu, Pb, Sb, Zn.

Gold Analysis

Gold was analyzed by fire assay pre-concentration with atomic absorption spectroscopy finish. Prepared samples of 10 to 30 grams were mixed with a flux composed mainly of lead oxide. Silver was added to help collect the gold and samples were fused at 1950 degrees F. until a clear melt was obtained. Lead buttons containing the precious metals were then separated from the slag. Heating in a cupellation furnace separated the lead from the noble metals. Remaining precious metal beads were transferred to test tubes and dissolved with aqua-regia. Solutions were analyzed using atomic absorption by comparing readings to those obtained from standard solutions. To prevent contamination, the following measures were taken:

- test tubes and cupels were used only once.
- fusion crucibles which contained high samples were discarded.

Analysis for Silver, Arsenic, Antimony, Copper, Lead, Zinc

Aside from gold, all other elements were analyzed by plasma emission spectroscopy. Samples of 0.5 grams in weight were digested in test tubes with concentrated nitric and hydrochloric acids. These tubes were heated in hot water baths for two and one-half hours. Samples were then diluted, mixed and analyzed on a plasma emission spectrograph by comparing emission lines for each element to emission lines obtained from standard solutions. To prevent contamination, the following measures were taken:

- test tubes were used for DC Plasma analysis only and then discarded
- solutions of de-ionized water or dilute acid were run between samples

GEOCHEMICAL RESULTS

Results are plotted on plans C-1 through C-3 (map pocket).
Table 2 summarizes basic statistics for soil geochem.
Tables 3 through 9 summarize data distribution for each element.

Table 2 Dragon Property: Basic Statistics for 1988 Soil Geochem

element	Au	Ag	As	Cu	Pb	Sb	Zn
# assays	362	362	362	362	362	362	362
max	133	2.8	980	245	90	31	375
min	0	0	0	4	0	0	17
mean	4.0	0.49	17.2	31.6	9.4	0.9	112.8
s.d.	8.6	0.47	52.0	32.9	7.8	2.6	44.5

Table 3 Gold Distribution of Soil Geochem

From	To	Assays	%	Cum.	Cum. %
0	2	213	58.8	213	58.8
2	4	0	0.0	213	58.8
4	6	0	0.0	213	58.8
6	8	53	14.6	266	73.5
8	10	39	10.8	305	84.3
10	12	27	7.5	332	91.7
12	14	11	3.0	343	94.8
14	16	6	1.7	349	96.4
16	18	2	0.6	351	97.0
18	20	1	0.3	352	97.2
20	22	4	1.1	356	98.3
22	24	1	0.3	357	98.6
24	26	1	0.3	358	98.9
26	28	0	0.0	358	98.9
28	30	1	0.3	359	99.2
30	32	1	0.3	360	99.4
32	34	0	0.0	360	99.4
34	36	0	0.0	360	99.4
36	>36	2	0.6	362	100.0

Table 4 Silver Distribution of Soil Geochem

From	To	Assays	%	Cum.	Cum. %
0.0	0.1	155	42.8	155	42.8
0.1	0.2	0	0.0	155	42.8
0.2	0.3	0	0.0	155	42.8
0.3	0.4	0	0.0	155	42.8
0.4	0.5	13	3.6	168	46.4
0.5	0.6	36	9.9	204	56.4
0.6	0.7	41	11.3	245	67.7
0.7	0.8	32	8.8	277	76.5
0.8	0.9	30	8.3	307	84.8
0.9	1.0	13	3.6	320	88.4
1.0	1.1	15	4.1	335	92.5
1.1	1.2	10	2.8	345	95.3
1.2	1.3	10	2.8	355	98.1
1.3	1.4	4	1.1	359	99.2
1.4	1.5	0	0.0	359	99.2
1.5	1.6	1	0.3	360	99.4
1.6	1.7	0	0.0	360	99.4
1.7	1.8	1	0.3	361	99.7
1.8	>1.8	1	0.3	362	100.0

Table 5 Arsenic Distribution of Soil Geochem

From	To	Assays	%	Cum.	Cum. %
0	5	59	16.3	59	16.3
5	10	84	23.2	143	39.5
10	15	82	22.7	225	62.2
15	20	56	15.5	281	77.6
20	25	34	9.4	315	87.0
25	30	14	3.9	329	90.9
30	35	16	4.4	345	95.3
35	40	7	1.9	352	97.2
40	45	3	0.8	355	98.1
45	50	1	0.3	356	98.3
50	55	0	0.0	356	98.3
55	60	0	0.0	356	98.3
60	65	1	0.3	357	98.6
65	70	3	0.8	360	99.4
70	75	0	0.0	360	99.4
75	80	0	0.0	360	99.4
80	85	0	0.0	360	99.4
85	90	0	0.0	360	99.4
90	>90	2	0.6	362	100.0

Table 6 Copper Distribution of Soil Geochem

From	To	Assays	%	Cum.	Cum. %
0	10	27	7.5	27	7.5
10	20	140	38.7	167	46.1
20	30	89	24.6	256	70.7
30	40	49	13.5	305	84.3
40	50	14	3.9	319	88.1
50	60	12	3.3	331	91.4
60	70	4	1.1	335	92.5
70	80	5	1.4	340	93.9
80	90	4	1.1	344	95.0
90	100	2	0.6	346	95.6
100	110	0	0.0	346	95.6
110	120	1	0.3	347	95.9
120	130	1	0.3	348	96.1
130	140	3	0.8	351	97.0
140	150	2	0.6	353	97.5
150	160	0	0.0	353	97.5
160	170	3	0.8	356	98.3
170	180	2	0.6	358	98.9
180	>180	4	1.1	362	100.0

Table 7 Lead Distribution of Soil Geochem

From	To	Assays	%	Cum.	Cum. %
0	2	41	11.3	41	11.3
2	4	0	0.0	41	11.3
4	6	54	14.9	95	26.2
6	8	90	24.9	185	51.1
8	10	78	21.5	263	72.7
10	12	42	11.6	305	84.3
12	14	18	5.0	323	89.2
14	16	12	3.3	335	92.5
16	18	8	2.2	343	94.8
18	20	1	0.3	344	95.0
20	22	3	0.8	347	95.9
22	24	4	1.1	351	97.0
24	26	1	0.3	352	97.2
26	28	4	1.1	356	98.3
28	30	0	0.0	356	98.3
30	32	0	0.0	356	98.3
32	34	2	0.6	358	98.9
34	36	1	0.3	359	99.2
36	>36	3	0.8	362	100.0

Table 8 Antimony Distribution of Soil Geochem

From	To	Assays	%	Cum.	Cum. %
0	1	314	86.7	314	86.7
1	2	0	0.0	314	86.7
2	3	0	0.0	314	86.7
3	4	0	0.0	314	86.7
4	5	14	3.9	328	90.6
5	6	17	4.7	345	95.3
6	7	13	3.6	358	98.9
7	8	1	0.3	359	99.2
8	9	1	0.3	360	99.4
9	10	1	0.3	361	99.7
10	>10	1	0.3	362	100.0

Table 9 Zinc Distribution of Soil Geochem

From	To	Assays	%	Cum.	Cum. %
0	20	1	0.3	1	0.3
20	40	2	0.6	3	0.8
40	60	18	5.0	21	5.8
60	80	56	15.5	77	21.3
80	100	83	22.9	160	44.2
100	120	82	22.7	242	66.9
120	140	49	13.5	291	80.4
140	160	26	7.2	317	87.6
160	180	17	4.7	334	92.3
180	200	14	3.9	348	96.1
200	220	7	1.9	355	98.1
220	240	2	0.6	357	98.6
240	260	0	0.0	357	98.6
260	280	2	0.6	359	99.2
280	300	1	0.3	360	99.4
300	320	0	0.0	360	99.4
320	340	1	0.3	361	99.7
340	360	0	0.0	361	99.7
360	>360	1	0.3	362	100.0

DISCUSSION OF GEOCHEMISTRY

a. Soil Geochemistry (see Plans C-2, C-3)

A review of tables 3 through 9 indicates the following threshold values for soil analyses:

Element	Threshold Values	
	95%	99%
Gold	15	20
Silver	1.2	1.4
Arsenic	35	70
Copper	90	180
Lead	20	36
Antimony	6	8
Zinc	200	280

Gold enrichment in soils is limited to isolated values greater than 20 ppb Au. Extension of the North Grid closed off the marginal anomaly present on lines 5150N through 5350N. Extension of the West Grid also yielded mainly background values with the occasional spot high.

Higher values of arsenic (> 20 ppm) on the West Grid may reflect a weak hornfels aureole adjacent to the main quartz monzonite mass.

b. Rock Geochemistry (see Plan C-1)

With the exception of quartz and quartz-carbonate veins exposed in quartz monzonite, rock samples have returned background values. Highest gold value in 1988 sampling was 46 ppb Au which came from sample 70905 of quartz-carbonate pods exposed in an old test pit. This compares with 1987 samples of quartz veins in the quarry near Dragon Lake which ran up to 156 ppb Au.

CONCLUSION

Work to date on the Dragon Property has shown:

- Soil geochemistry indicates only small zones of marginal Au enrichment. Isolated values greater than 20 ppb Au are most likely due to regional dispersion by Pleistocene glaciation and not from a local source.

- Rock geochemistry returns best values (to 156 ppb Au) from narrow quartz veins within quartz monzonite. Alteration zones adjacent to intrusives show background values in gold.

STATEMENT OF COSTS

Cost Statement for Work Performed September 29 - October 16, 1988

Dragon Property
NTS 93B/16W
Cariboo Mining Division

Preparatory survey:			
o 20.0 km. of flag line @ $100/km.			$ 2000
Soil sample collection:			
o 362 soils @ $5.00/soil			1810
Meals, accommodations (motel):			1639
Vehicle rental:			
o 2 trucks @$55/day/truck x 8 days			880
Vehicle expenses (gas, oil, etc.):			174
Labour:			
o Project manager	8 days @ $200/day	$ 1600	
o Geologist	8 days @ $225/day	1800	
o Logistical services	8 days @ $125/day	1000	

			4400
Field supplies:			482
Shipping:			76
Analyses:			
o 362 soil samples @ $12.50		$ 4525	
o 9 rock samples @ $16.50		149	

			4674
Drafting:			886
Report preparation:			2187
Office expenses:			216
Administration:			1496

TOTAL ...			$ 20920
			=========

STATEMENT OF QUALIFICATIONS

I, Bryan M. Fraser of 932 Glenayre Drive, Port Moody, B.C. certify my education and experience as follows:

Education:

- B. Sc. in Geology from University of B. C. (1976)
- Dipl. T. in Computer Systems from B.C.I.T. (1986)

Experience:

- Summer field work, 1971-75; Noranda Explorations Ltd., Bacon and Crowhurst, Canadian Superior Explorations Ltd., McIntyre Mines Ltd.
- Field geologist, 1976-78; Tyee Lake Resources Ltd.
- Field geologist, 1979; United Hearne Resources Ltd.
- Field geologist, 1980; J.C. Stephen Explorations Ltd.
- Pit geologist, 1981-83; Amax of Canada Ltd., Kitsault
- Field geologist, 1987; Aurum Geological Consultants
- Field geologist, 1988; self-employed.

Bryan M. Fraser

Date:_____

APPENDIX

BONDAR-CLEGG GEOCHEMICAL LAB REPORTS

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08671.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #9

CLIENT: CIRCLE RESOURCES LTD.
PROJECT: 88C

SUBMITTED BY: B. FRASER
DATE PRINTED: 21-OCT-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	272	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	272	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	272	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu	Copper	272	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb	Lead	272	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb	Antimony	272	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn	Zinc	272	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	272	1 -80	272	DRY, SIEVE -80	272
				FAX CHARGE	1

REPORT COPIES TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

INVOICE TO: MR. BRYAN M. FRASER

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08671.0 | PROJECT: 88C | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L54+50N 25+00E		9	1.0	32	25	5	<5	114
S1 L54+50N 25+50E		7	1.3	66	29	10	6	135
S1 L54+50N 26+00E		<5	1.3	<5	32	22	7	164
S1 L54+50N 26+50E		7	<0.5	<5	11	8	<5	83
S1 L54+50N 27+00E		7	<0.5	<5	12	10	<5	122
S1 L54+50N 27+50E		9	0.9	<5	18	10	<5	106
S1 L54+50N 28+00E		6	0.7	<5	13	9	<5	68
S1 L54+50N 28+50E		<5	<0.5	15	15	7	5	52
S1 L54+50N 29+00E		<5	0.9	13	29	9	<5	75
S1 L54+50N 29+50E		9	0.6	<5	18	8	7	117
S1 L54+50N 30+00E		8	0.7	<5	17	<5	<5	140
S1 L54+50N 30+50E		6	0.6	<5	16	9	<5	121
S1 L54+50N 31+00E		7	0.6	14	32	8	<5	71
S1 L54+50N 31+50E		8	<0.5	<5	12	8	<5	109
S1 L54+50N 32+00E		13	0.8	<5	15	7	7	131
S1 L54+50N 32+50E		6	0.7	11	20	8	<5	116
S1 L54+50N 33+00E		<5	0.9	<5	33	10	<5	73
S1 L54+50N 33+50E		5	0.7	<5	21	10	<5	82
S1 L54+50N 34+00E		7	1.0	6	29	11	<5	117
S1 L54+50N 34+50E		5	1.3	<5	14	7	<5	165
S1 L54+50N 35+00E		14	0.7	6	39	<5	<5	65
S1 L54+50N 35+50E		10	0.6	11	30	5	<5	108
S1 L54+50N 36+00E		8	<0.5	<5	16	7	<5	121
S1 L54+50N 36+50E		9	0.8	6	29	10	<5	90
S1 L54+50N 37+00E		11	0.7	10	31	6	<5	93
S1 L54+50N 37+50E		6	0.9	8	23	7	6	107
S1 L54+50N 38+00E		8	<0.5	11	14	7	<5	118
S1 L54+50N 38+50E		10	0.5	<5	18	6	<5	102
S1 L54+50N 39+00E		14	0.6	13	71	6	<5	95
S1 L55+50N 25+00E		7	0.7	6	19	6	<5	71
S1 L55+50N 25+50E		5	<0.5	<5	15	7	7	87
S1 L55+50N 26+00E		<5	0.9	11	14	6	<5	83
S1 L55+50N 26+50E		9	1.0	13	36	6	<5	155
S1 L55+50N 27+00E		6	0.7	9	24	8	5	86
S1 L55+50N 27+50E		10	0.6	8	21	7	<5	77
S1 L55+50N 28+00E		11	1.1	10	31	8	<5	82
S1 L55+50N 28+50E		10	1.3	17	70	9	<5	118
S1 L55+50N 29+00E		<5	1.2	9	81	10	<5	184
S1 L55+50N 29+50E		5	0.7	21	11	9	<5	82
S1 L55+50N 30+00E		5	0.7	11	12	8	<5	115

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North Vancouver, B.C.
V7P 2R5
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BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08671.0 | PROJECT: 88C | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L55+50N 30+50E		<5	<0.5	17	14	9	<5	123
S1 L55+50N 31+00E		<5	0.8	10	20	7	6	93
S1 L55+50N 31+50E		<5	0.7	8	15	8	<5	94
S1 L55+50N 32+00E		<5	0.8	12	25	8	6	102
S1 L55+50N 32+50E		<5	0.6	<5	11	6	<5	96
S1 L55+50N 33+00E		6	0.6	10	17	7	<5	76
S1 L55+50N 33+50E		<5	0.7	14	5	7	<5	59
S1 L55+50N 34+00E		<5	<0.5	9	10	6	<5	84
S1 L55+50N 34+50E		<5	0.7	16	36	8	<5	91
S1 L55+50N 35+00E		<5	1.2	8	20	7	<5	86
S1 L55+50N 35+50E		<5	1.0	8	26	10	6	103
S1 L55+50N 36+00E		<5	0.9	9	15	5	<5	109
S1 L55+50N 36+50E		<5	0.7	8	14	10	<5	129
S1 L55+50N 37+00E		8	0.7	<5	18	7	<5	106
S1 L55+50N 37+50E		8	1.4	<5	26	13	<5	141
S1 L55+50N 38+00E		<5	1.2	5	36	9	<5	94
S1 L55+50N 38+50E		<5	0.8	8	22	7	<5	87
S1 L55+50N 39+00E		17	<0.5	8	96	<5	<5	55
S1 L56+50N 25+00E		<5	1.2	10	25	9	<5	129
S1 L56+50N 25+50E		<5	0.9	10	12	7	<5	124
S1 L56+50N 26+00E		9	0.8	8	21	7	<5	114
S1 L56+50N 26+50E		7	0.9	6	17	9	<5	118
S1 L56+50N 27+00E		<5	1.1	9	26	7	<5	146
S1 L56+50N 27+50E		<5	0.8	8	24	6	<5	76
S1 L56+50N 28+00E		20	1.0	9	16	11	<5	128
S1 L56+50N 28+50E		<5	1.1	5	15	8	<5	87
S1 L56+50N 29+00E		<5	0.8	7	18	6	<5	88
S1 L56+50N 29+50E		<5	0.7	9	21	<5	5	91
S1 L56+50N 30+00E		<5	0.6	17	20	6	<5	99
S1 L56+50N 30+50E		<5	0.7	7	20	7	<5	98
S1 L56+50N 31+00E		<5	1.0	<5	26	11	<5	96
S1 L56+50N 31+50E		<5	0.8	<5	17	8	<5	101
S1 L56+50N 32+00E		9	1.4	<5	20	8	9	101
S1 L56+50N 32+50E		<5	1.0	8	16	10	5	143
S1 L56+50N 33+00E		<5	0.8	6	12	8	<5	191
S1 L56+50N 33+50E		<5	0.7	7	20	7	<5	101
S1 L56+50N 34+00E		<5	0.9	7	12	7	<5	73
S1 L56+50N 34+50E		<5	0.7	<5	27	9	<5	123
S1 L56+50N 35+00E		<5	<0.5	9	14	10	<5	90
S1 L56+50N 35+50E		<5	0.8	5	12	8	<5	140

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130 Pemberton Ave.
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V7P 2R5
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BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08671.0 | PROJECT: 88C |

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L56+50N 36+00E		<5	0.9	<5	8	8	<5	135
S1 L56+50N 36+50E		9	0.8	<5	26	10	10	136
S1 L56+50N 37+00E		<5	0.6	<5	15	6	<5	109
S1 L56+50N 37+50E		<5	0.8	7	20	6	5	77
S1 L56+50N 38+00E		<5	2.8	<5	134	11	<5	190
S1 L56+50N 38+50E		<5	0.6	15	16	8	<5	103
S1 L56+50N 39+00E		<5	0.6	13	18	7	<5	68
S1 L57+50N 25+00E		<5	1.0	16	55	7	<5	75
S1 L57+50N 25+50E		<5	1.2	9	23	<5	<5	119
S1 L57+50N 26+00E		<5	0.6	15	18	8	<5	92
S1 L57+50N 26+50E		<5	1.2	7	74	9	6	118
S1 L57+50N 27+00E		<5	1.2	<5	7	15	<5	120
S1 L57+50N 27+50E		<5	<0.5	9	7	6	<5	74
S1 L57+50N 28+00E		<5	0.8	13	18	68	<5	92
S1 L57+50N 28+50E		<5	0.7	7	19	11	<5	57
S1 L57+50N 29+00E		<5	0.5	11	14	8	<5	68
S1 L57+50N 29+50E		<5	0.9	<5	22	6	<5	86
S1 L57+50N 30+00E		<5	0.7	13	8	5	<5	130
S1 L57+50N 31+00E		<5	0.9	<5	53	9	<5	108
S1 L57+50N 31+50E		<5	0.6	13	12	8	<5	103
S1 L57+50N 32+00E		<5	0.9	11	13	7	<5	100
S1 L57+50N 32+50E		<5	0.7	12	15	10	<5	86
S1 L57+50N 33+00E		<5	0.8	18	17	9	<5	86
S1 L57+50N 33+50E		<5	1.8	17	22	12	6	122
S1 L57+50N 34+00E		<5	0.9	10	20	10	<5	129
S1 L57+50N 34+50E		<5	0.5	12	12	5	<5	126
S1 L57+50N 35+00E		28	1.4	<5	33	9	<5	115
S1 L57+50N 35+50E		<5	0.8	6	20	8	<5	135
S1 L57+50N 36+00E		<5	0.9	10	24	7	<5	138
S1 L57+50N 36+50E		<5	0.6	18	39	15	7	105
S1 L57+50N 37+00E		<5	1.3	12	37	9	<5	172
S1 L57+50N 37+50E		<5	1.3	16	49	9	7	121
S1 L57+50N 38+00E		<5	1.1	12	35	8	<5	90
S1 L57+50N 38+50E		<5	0.9	11	23	7	<5	88
S1 L57+50N 39+00E		<5	1.0	8	22	6	<5	154
S1 L58+50N 25+00E		<5	1.1	7	33	9	<5	120
S1 L58+50N 25+50E		<5	0.9	<5	19	7	<5	208
S1 L58+50N 26+00E		10	0.7	6	14	8	<5	66
S1 L58+50N 26+50E		<5	1.2	5	18	17	<5	239
S1 L58+50N 27+00E		<5	1.0	9	15	9	<5	109

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V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08671.0 | PROJECT: 88C | PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L58+50N 27+50E		6	0.9	21	29	7	<5	61
S1 L58+50N 28+00E		<5	0.8	19	35	7	<5	64
S1 L58+50N 30+00E		<5	0.7	8	20	6	<5	66
S1 L58+50N 30+50E		<5	0.9	21	23	6	<5	66
S1 L58+50N 31+00E		7	0.7	12	28	6	<5	163
S1 L58+50N 32+00E		5	1.0	<5	63	8	6	174
S1 L58+50N 32+50E		<5	1.0	12	21	7	<5	83
S1 L58+50N 33+00E		<5	1.1	<5	192	17	<5	155
S1 L58+50N 33+50E		<5	<0.5	11	4	7	<5	46
S1 L58+50N 34+00E		7	0.9	9	19	6	<5	92
S1 L58+50N 34+50E		5	0.8	14	18	16	<5	119
S1 L58+50N 35+00E		<5	0.5	22	19	7	<5	95
S1 L58+50N 35+50E		15	1.3	<5	25	10	<5	125
S1 L58+50N 36+00E		<5	1.3	<5	43	13	<5	112
S1 L58+50N 36+50E		<5	1.3	17	29	11	5	158
S1 L58+50N 37+00E		5	0.6	9	19	6	<5	44
S1 L58+50N 37+50E		<5	0.8	<5	25	10	6	99
S1 L58+50N 38+00E		<5	0.8	<5	18	8	<5	153
S1 L58+50N 38+50E		<5	1.1	9	10	6	<5	110
S1 L58+50N 39+00E		14	1.1	13	33	9	<5	135
S1 L59+50N 25+00E		<5	1.3	8	48	12	7	113
S1 L59+50N 25+50E		9	0.9	10	20	9	<5	77
S1 L59+50N 26+00E		11	0.6	12	14	6	5	68
S1 L59+50N 26+50E		5	0.7	11	24	6	6	84
S1 L59+50N 27+00E		<5	0.8	14	13	9	<5	178
S1 L59+50N 29+00E		<5	0.7	8	17	<5	7	113
S1 L59+50N 29+50E		6	0.6	11	15	5	<5	93
S1 L59+50N 30+50E		<5	1.4	<5	38	8	7	108
S1 L59+50N 31+50E		<5	0.6	20	10	9	<5	126
S1 L59+50N 32+50E		<5	<0.5	7	18	14	<5	105
S1 L59+50N 33+50E		8	<0.5	23	20	14	<5	119
S1 L59+50N 34+00E		21	0.5	11	10	36	<5	187
S1 L59+50N 34+50E		7	<0.5	<5	44	21	<5	102
S1 L59+50N 36+00E		9	<0.5	7	7	10	<5	120
S1 L59+50N 36+50E		<5	0.6	23	21	12	<5	187
S1 L59+50N 37+00E		5	<0.5	20	16	12	<5	158
S1 L59+50N 37+50E		<5	<0.5	11	16	9	<5	96
S1 L59+50N 38+00E		<5	<0.5	19	23	14	<5	98
S1 L59+50N 38+50E		<5	<0.5	5	15	8	<5	137
S1 L59+50N 39+00E		5	<0.5	16	20	7	<5	70

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08671.0 | PROJECT: 88C |

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L60+50N 25+00E		9	<0.5	18	21	11	<5	81
S1 L60+50N 25+50E		<5	<0.5	16	15	12	<5	135
S1 L60+50N 26+00E		7	<0.5	22	39	14	<5	98
S1 L60+50N 26+50E		<5	<0.5	7	12	5	<5	109
S1 L60+50N 27+00E		<5	<0.5	18	22	9	<5	64
S1 L60+50N 28+50E		<5	<0.5	15	19	10	<5	70
S1 L60+50N 29+00E		<5	<0.5	17	7	8	<5	80
S1 L60+50N 29+50E		<5	<0.5	68	63	11	<5	124
S1 L60+50N 30+00E		<5	<0.5	11	12	13	<5	81
S1 L60+50N 30+50E		<5	<0.5	8	14	10	<5	73
S1 L60+50N 31+00E		<5	<0.5	14	20	10	<5	106
S1 L60+50N 31+50E		20	<0.5	14	23	17	<5	134
S1 L60+50N 32+50E		<5	0.6	21	10	10	<5	75
S1 L60+50N 33+00E		<5	0.9	31	115	27	<5	201
S1 L60+50N 33+50E		<5	<0.5	14	39	15	<5	89
S1 L60+50N 34+00E		6	<0.5	18	17	14	<5	114
S1 L60+50N 34+50E		5	0.5	6	12	9	<5	118
S1 L60+50N 35+00E		10	<0.5	<5	17	12	<5	107
S1 L60+50N 35+50E		<5	<0.5	15	25	12	<5	100
S1 L60+50N 36+00E		<5	<0.5	17	11	7	<5	87
S1 L60+50N 36+50E		<5	<0.5	10	23	12	<5	174
S1 L60+50N 37+00E		11	<0.5	19	18	10	<5	119
S1 L60+50N 37+50E		<5	<0.5	26	38	13	<5	119
S1 L60+50N 38+00E		<5	<0.5	7	10	8	<5	140
S1 L60+50N 38+50E		<5	<0.5	20	37	15	<5	99
S1 L60+50N 39+00E		<5	<0.5	14	36	13	<5	97
S1 L61+50N 25+00E		<5	<0.5	23	36	10	<5	64
S1 L61+50N 25+50E		<5	<0.5	<5	11	8	<5	90
S1 L61+50N 26+00E		<5	0.6	5	9	10	<5	79
S1 L61+50N 26+50E		<5	<0.5	14	10	9	<5	82
S1 L61+50N 27+00E		<5	0.6	12	9	9	<5	65
S1 L61+50N 27+50E		<5	<0.5	11	25	12	<5	90
S1 L61+50N 28+00E		<5	<0.5	12	7	11	<5	75
S1 L61+50N 28+50E		5	<0.5	21	8	14	<5	71
S1 L61+50N 29+00E		7	<0.5	18	28	11	<5	114
S1 L61+50N 29+50E		7	<0.5	25	17	10	<5	147
S1 L61+50N 30+00E		7	<0.5	22	171	27	<5	87
S1 L61+50N 30+50E		5	1.1	<5	61	<5	<5	17
S1 L61+50N 31+00E		<5	<0.5	7	40	15	<5	104
S1 L61+50N 31+50E		7	1.2	13	23	11	<5	69

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V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08671.0 | PROJECT: 88C | PAGE 6

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L61+50N 32+00E		<5	<0.5	13	18	10	<5	116
S1 L61+50N 33+00E		<5	<0.5	14	8	9	<5	132
S1 L61+50N 33+50E		<5	<0.5	12	22	10	<5	58
S1 L61+50N 34+00E		<5	0.6	<5	14	12	<5	93
S1 L61+50N 34+50E		5	<0.5	17	19	9	<5	93
S1 L61+50N 35+00E		5	<0.5	6	13	10	<5	121
S1 L61+50N 35+50E		9	1.2	16	165	21	<5	152
S1 L61+50N 36+00E		<5	<0.5	<5	45	16	<5	185
S1 L61+50N 36+50E		<5	0.6	<5	16	11	<5	93
S1 L61+50N 37+00E		8	1.1	14	137	24	<5	184
S1 L61+50N 37+50E		9	<0.5	<5	59	15	<5	103
S1 L61+50N 38+00E		<5	<0.5	15	11	9	<5	142
S1 L61+50N 38+50E		6	<0.5	11	27	12	<5	113
S1 L61+50N 39+00E		<5	0.7	8	14	7	<5	127
S1 L62+50N 25+00E		<5	<0.5	8	10	9	<5	65
S1 L62+50N 25+50E		8	<0.5	13	72	11	<5	187
S1 L62+50N 26+00E		<5	<0.5	93	28	18	<5	146
S1 L62+50N 26+50E		<5	<0.5	26	23	8	<5	56
S1 L62+50N 27+00E		<5	<0.5	17	17	10	<5	92
S1 L62+50N 27+50E		<5	<0.5	17	16	12	<5	114
S1 L62+50N 28+00E		<5	1.6	12	148	<5	<5	32
S1 L62+50N 28+50E		5	<0.5	13	17	10	<5	91
S1 L62+50N 29+00E		<5	<0.5	6	17	8	<5	63
S1 L62+50N 29+50E		<5	0.7	19	51	90	<5	203
S1 L62+50N 30+00E		<5	<0.5	11	17	12	<5	137
S1 L62+50N 30+50E		<5	0.7	10	16	11	<5	148
S1 L62+50N 31+00E		<5	<0.5	<5	32	19	<5	331
S1 L62+50N 31+50E		5	<0.5	9	14	47	<5	175
S1 L62+50N 32+00E		<5	<0.5	10	53	28	<5	274
S1 L62+50N 32+50E		7	0.8	15	245	23	<5	105
S1 L62+50N 33+00E		<5	<0.5	14	34	15	<5	92
S1 L62+50N 33+50E		<5	<0.5	11	24	12	<5	74
S1 L62+50N 34+00E		<5	<0.5	18	15	10	<5	75
S1 L62+50N 34+50E		<5	0.8	23	146	24	<5	96
S1 L62+50N 35+00E		<5	0.9	14	196	27	<5	109
S1 L62+50N 35+50E		<5	<0.5	5	51	17	<5	130
S1 L62+50N 36+00E		<5	<0.5	21	21	12	<5	90
S1 L62+50N 36+50E		<5	<0.5	24	34	11	<5	94
S1 L62+50N 37+00E		<5	<0.5	11	9	8	<5	62
S1 L62+50N 37+50E		12	<0.5	20	59	18	<5	183

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08671.0 | PROJECT: 88C | PAGE 7

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L62+50N 38+00E		<5	<0.5	20	44	12	<5	67
S1 L62+50N 38+50E		<5	<0.5	17	12	10	<5	109
S1 L62+50N 39+00E		<5	<0.5	12	20	9	<5	120
S1 L63+50N 25+00E		<5	<0.5	<5	162	18	<5	109
S1 L63+50N 25+50E		<5	<0.5	11	39	14	<5	118
S1 L63+50N 26+00E		<5	<0.5	<5	31	14	<5	178
S1 L63+50N 26+50E		<5	0.8	8	197	13	<5	69
S1 L63+50N 27+00E		<5	<0.5	18	24	10	<5	48
S1 L63+50N 27+50E		<5	<0.5	11	170	11	<5	46
S1 L63+50N 28+00E		<5	<0.5	22	14	11	<5	36
S1 L63+50N 28+50E		<5	<0.5	18	15	11	<5	74
S1 L63+50N 29+00E		<5	<0.5	14	22	16	<5	121
S1 L63+50N 29+50E		<5	<0.5	13	46	8	<5	63
S1 L63+50N 30+00E		<5	<0.5	14	35	10	<5	94
S1 L63+50N 30+50E		6	0.5	6	56	11	<5	138
S1 L63+50N 31+00E		<5	<0.5	9	20	11	<5	117
S1 L63+50N 31+50E		16	0.7	11	16	11	<5	100
S1 L63+50N 32+00E		<5	<0.5	9	12	<5	<5	60
S1 L63+50N 32+50E		5	<0.5	13	17	12	<5	42
S1 L63+50N 33+00E		<5	<0.5	9	21	10	<5	58
S1 L63+50N 33+50E		<5	<0.5	16	21	12	<5	133
S1 L63+50N 34+00E		<5	0.5	11	7	5	<5	44
S1 L63+50N 34+50E		6	<0.5	<5	26	12	<5	101
S1 L63+50N 35+00E		6	<0.5	14	29	14	<5	86
S1 L63+50N 35+50E		<5	0.9	9	26	<5	<5	43
S1 L63+50N 36+00E		<5	0.8	980	41	14	31	64
S1 L63+50N 36+50E		<5	<0.5	9	30	15	<5	219
S1 L63+50N 37+00E		6	0.8	19	178	23	<5	169
S1 L63+50N 37+50E		<5	<0.5	9	18	11	<5	134
S1 L63+50N 38+00E		<5	<0.5	23	51	14	<5	86
S1 L63+50N 38+50E		<5	0.7	11	17	9	<5	52
S1 L63+50N 39+00E		29	<0.5	9	11	7	<5	81

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130 Pemberton Ave.
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BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08691.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #11

CLIENT: CIRCLE RESOURCES LTD.
PROJECT: 88C

SUBMITTED BY: B. FRASER
DATE PRINTED: 20-OCT-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	90	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	90	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	90	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu	Copper	90	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb	Lead	90	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb	Antimony	90	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn	Zinc	90	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	90	1 -80	90	DRY, SIEVE -80	90

REPORT COPIES TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

INVOICE TO: MR. BRYAN M. FRASER
MR. FERGUS GRAHAM

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08691.0 | PROJECT: 88C | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L5450 1700E		<5	0.6	19	18	6	5	157
S1 L5450 1750E		<5	<0.5	9	27	7	<5	76
S1 L5450 1800E		<5	<0.5	19	40	5	<5	98
S1 L5450 1850E		<5	0.9	28	26	<5	<5	131
S1 L5450 1900E		5	0.9	35	22	<5	<5	79
S1 L5450 1950E		6	0.6	40	31	6	<5	61
S1 L5450 2000E		<5	0.5	37	26	<5	<5	112
S1 L5450 2050E		9	0.8	25	32	<5	<5	61
S1 L5450 2100E		<5	<0.5	9	7	6	<5	52
S1 L5550 1700E		<5	0.7	24	18	7	<5	164
S1 L5550 1750E		<5	0.7	61	94	33	<5	268
S1 L5550 1800E		<5	0.5	27	75	<5	8	78
S1 L5550 1850E		<5	1.1	13	39	<5	<5	110
S1 L5550 1900E		7	<0.5	17	13	8	5	65
S1 L5550 1950E		<5	0.7	20	50	6	5	97
S1 L5550 2000E		<5	<0.5	23	27	15	<5	147
S1 L5550 2050E		6	0.9	11	11	<5	<5	195
S1 L5550 2100E		<5	1.1	27	46	<5	<5	286
S1 L5650 1700E		<5	0.7	12	14	<5	<5	191
S1 L5650 1750E		<5	<0.5	34	32	7	<5	133
S1 L5650 1800E		<5	0.6	32	31	8	<5	100
S1 L5650 1850E		<5	<0.5	41	24	6	<5	114
S1 L5650 1900E		<5	0.7	32	82	<5	<5	144
S1 L5650 1950E		<5	0.7	29	122	7	<5	128
S1 L5650 2000E		<5	0.6	34	35	8	<5	166
S1 L5650 2050E		<5	1.1	20	24	<5	6	82
S1 L5650 2100E		<5	0.6	43	27	<5	<5	143
S1 L5750 1700E		11	0.7	67	28	<5	<5	75
S1 L5750 1750E		5	0.9	46	38	7	<5	113
S1 L5750 1800E		6	0.9	22	38	7	<5	97
S1 L5750 1850E		<5	<0.5	41	22	6	<5	117
S1 L5750 1900E		5	<0.5	40	55	9	<5	77
S1 L5750 1950E		7	0.8	40	55	7	<5	240
S1 L5750 2000E		<5	<0.5	21	19	9	<5	138
S1 L5750 2050E		<5	<0.5	35	21	6	<5	145
S1 L5750 2100E		19	0.8	28	14	5	6	105
S1 L5850 1700E		<5	0.6	11	12	5	6	112
S1 L5850 1750E		6	0.6	25	29	<5	<5	103
S1 L5850 1800E		7	1.1	19	47	6	<5	184
S1 L5850 1850E		8	<0.5	20	34	<5	<5	83

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Geochemical Lab Report

REPORT: V88-08691.0 | PROJECT: 88C |

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L585O 1900E		5	<0.5	31	34	<5	7	139
S1 L585O 1950E		133	0.6	27	27	6	<5	90
S1 L585O 2000E		11	<0.5	15	14	7	<5	185
S1 L585O 2050E		<5	<0.5	14	9	7	<5	94
S1 L585O 2100E		8	1.0	33	22	5	<5	161
S1 L595O 1700E		<5	0.6	30	22	5	<5	170
S1 L595O 1750E		11	0.8	40	46	<5	<5	163
S1 L595O 1800E		11	1.1	16	81	11	<5	139
S1 L595O 1850E		7	<0.5	26	25	<5	<5	95
S1 L595O 1900E		6	<0.5	34	34	7	<5	86
S1 L595O 1950E		9	<0.5	19	9	<5	<5	138
S1 L595O 2000E		9	0.8	29	27	6	7	164
S1 L595O 2050E		9	0.8	16	30	7	<5	60
S1 L595O 2100E		9	0.6	10	29	<5	<5	135
S1 L605O 1700E		7	<0.5	39	48	<5	6	93
S1 L605O 1750E		<5	<0.5	21	32	<5	<5	89
S1 L605O 1800E		5	0.6	31	80	<5	<5	90
S1 L605O 1850E		<5	0.5	32	47	<5	<5	103
S1 L605O 1900E		6	0.5	26	29	10	5	102
S1 L605O 1950E		<5	<0.5	37	28	8	<5	104
S1 L605O 2000E		8	0.5	12	25	9	7	124
S1 L605O 2050E		5	<0.5	21	10	10	<5	149
S1 L605O 2100E		7	<0.5	9	136	<5	<5	77
S1 L615O 1700E		10	<0.5	20	28	5	<5	217
S1 L615O 1750E		5	0.9	17	90	6	<5	375
S1 L615O 1800E		7	<0.5	13	40	14	<5	120
S1 L615O 1850E		5	<0.5	24	35	10	5	120
S1 L615O 1900E		8	<0.5	7	20	9	6	154
S1 L615O 1950E		39	<0.5	25	18	7	<5	78
S1 L615O 2000E		7	<0.5	23	17	6	<5	115
S1 L615O 2050E		<5	<0.5	29	21	<5	<5	149
S1 L615O 2100E		9	<0.5	32	16	34	<5	213
S1 L625O 1700E		10	<0.5	20	54	<5	<5	218
S1 L625O 1750E		6	<0.5	31	31	5	7	95
S1 L625O 1800E		14	<0.5	25	39	8	<5	84
S1 L625O 1850E		20	<0.5	8	38	25	<5	67
S1 L625O 1900E		8	<0.5	20	13	18	<5	113
S1 L625O 1950E		12	<0.5	22	11	7	<5	89
S1 L625O 2000E		13	<0.5	22	18	6	5	146
S1 L625O 2050E		5	<0.5	20	13	<5	<5	108

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Geochemical Lab Report

REPORT: V88-08691.0 | PROJECT: 88C | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L6250 2100E		6	<0.5	18	13	7	<5	108
S1 L6350 1700E		5	<0.5	17	27	5	<5	147
S1 L6350 1750E		12	<0.5	22	26	<5	<5	115
S1 L6350 1800E		23	<0.5	<5	35	<5	<5	72
S1 L6350 1850E		7	<0.5	26	28	10	<5	148
S1 L6350 1900E		<5	0.7	17	27	9	6	167
S1 L6350 1950E		<5	<0.5	16	18	9	5	154
S1 L6350 2000E		<5	<0.5	31	23	<5	<5	181
S1 L6350 2050E		6	<0.5	24	13	5	6	106
S1 L6350 2100E		6	0.7	22	18	7	<5	125

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North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-09310.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #16

CLIENT: CIRCLE RESOURCES LTD.
PROJECT: 88C,88D,88E

SUBMITTED BY: B. FRASER
DATE PRINTED: 7-NOV-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g	Gold 30 grams	10	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag	Silver	10	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As	Arsenic	10	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu	Copper	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb	Lead	10	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb	Antimony	10	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn	Zinc	10	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	10	2 -150	10	CRUSH,PULVERIZE -150	10

REPORT COPIES TO: MR. FERGUS GRAHAM
MR. BRYAN M. FRASER

INVOICE TO: MR. BRYAN M. FRASER

Bondar-Clegg & Company Ltd.
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North Vancouver, B.C.
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BONDAR-CLEGG

Geochemical Lab Report

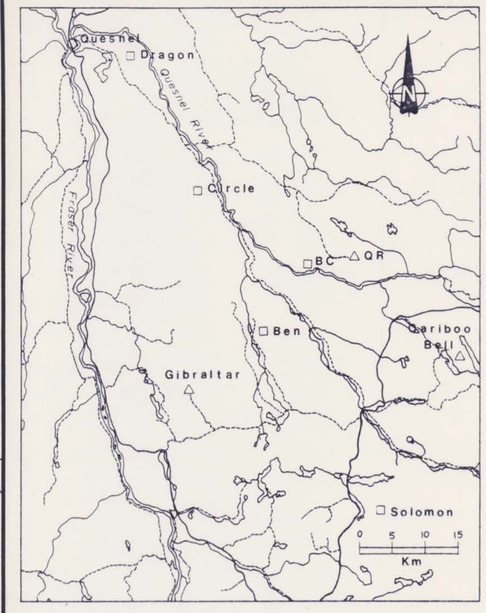
REPORT: V88-09310.0

PROJECT: 88C,88D,88E PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
R2 70901		7	<0.5	18	14	9	<5	41
R2 70902		11	<0.5	57	17	7	5	73
R2 70903		<5	<0.5	<5	49	6	<5	54
R2 70904		5	<0.5	20	40	10	<5	45
R2 70905		46	<0.5	<5	9	9	<5	31
R2 70906		<5	<0.5	<5	8	17	<5	49
R2 71051		<5	<0.5	<5	14	7	<5	14
R2 71076		5	<0.5	<5	48	11	<5	81
R2 71077		<5	<0.5	23	87	6	<5	90
R2 71078		<5	<0.5	<5	4	7	<5	16

SOLOMON

CIRCLE PROPERTY



RICH 1

RICH 2

DRAGON LAKE

POWER LINE

DRAGON CREEK

6350 N
6250 N
6150 N
6050 N
5950 N
5850 N
5750 N
5650 N
5550 N
5450 N
5350 N
5250 N
5150 N
5050 N
4950 N
4850 N
4750 N
4650 N
4550 N
4450 N

2800 E
2700 E
2600 E
2500 E
2400 E
2300 E
2200 E BASELINE
2100 E
2000 E
1900 E
1800 E
1700 E

3900 E
3800 E
3700 E
3600 E
3500 E BASELINE
3400 E
3300 E
3200 E
3100 E
3000 E
2900 E

LEGEND

ROCK UNITS

Pleistocene and Recent

17 — Glacial debris and valley fill.

Tertiary and Quaternary

16 — Plateau basalt; olivine basalt flows and breccia.

Jurassic and Cretaceous

15 — Quartz monzonite, granodiorite, quartz diorite.

QUESNEL RIVER GROUP (FORMERLY TAKLA GROUP)

Jurassic

14 — Conglomerate (local granitic clasts), greywacke, shale.

Triassic and Jurassic

13 — Syenite, monzonite, diorite; sub-volcanic intrusive phases, probably mainly Lower Jurassic.

12 — Massive basalt.

11 — Augite porphyry basalt.

10 — Fragmental basalt; basaltic breccia.

9 — Sandstone; mainly immature basaltic wacke.

8 — Siltstone.

7 — Shale, argillite.

6 — Limestone; mainly black micrite, minor bioclastic.

5 — Chert

CACHE CREEK GROUP

Pennsylvanian and/or Permian

4 — Limestone, orange weathering dolomite.

3 — Argillite, shale.

2 — Chert.

1 — Greenstone.

SYMBOLS

Geological Structures

- Outcrop; defined area, isolated outcrop.
- Geological contact; defined, inferred.
- Fault, attitude where measured.
- Fault zone, attitude where measured.
- Vein.
- Dike.
- Bedding.
- Fold axis.
- Slaty cleavage.

Alteration Minerals		Sulfides	
Sil	Silica.	Py	Pyrite.
Mar	Apple green mariposite.	Cpy	Chalcopyrite.
Chl	Chlorite.	Apy	Arsenopyrite.
Carb	Orange weathering carbonate.	Po	Pyrrhotite.
Fl	Fluorite.	Sph	Sphalerite.
Ep	Epidote.	Gal	Galena.
Bi	Biotite.		

Map Symbols

- Rock sample site.
- Soil sample site.
- Silt sample site.
- Heavy mineral sample site.

Value(s) indicated at sample sites is(are):

eg. 10,20,3 Au ppb, As ppm, Sb ppm

NS — No sample taken at site.

Legal corner post and claim boundary.

Note: Base map taken from photo enlargement of 1:50,000 scale NTS sheet. Topographic contours in feet above sea level. Contour interval is 100 feet. Map orientation is true North.

0 100 200 300 400 500
METERS

CIRCLE RESOURCES LTD.

QUESNEL PROJECT

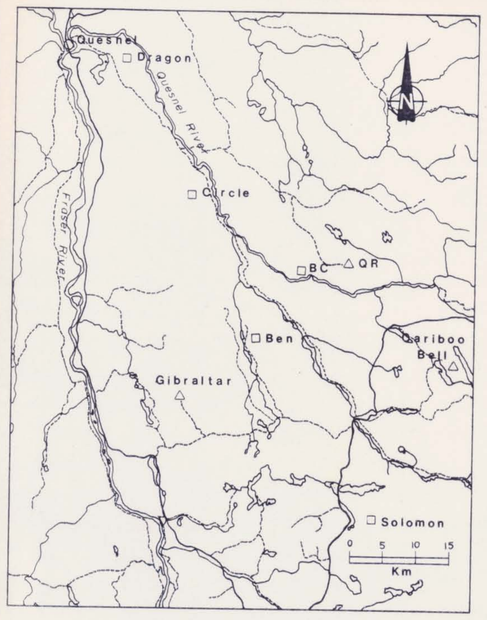
DRAGON PROPERTY

GEOCHEMISTRY

Gold, Arsenic, Antimony

PROJECT NO: 8724A, 88C	NTS: 93B/16	SCALE: 1:5000
DRAWN BY: LC	DATE: DEC. 87	
REVISED BY: BF	DATE: DEC. 88	
APPROVED BY:	DATE:	

PLAN C-2



Dragon East Grid

DRAGON

DRAGON 2

QUESNEL RIVER

4000 E BASELINE

LEGEND

ROCK UNITS

Pleistocene and Recent

17 Glacial debris and valley fill.

Tertiary and Quaternary

16 Plateau basalt; olivine basalt flows and breccia.

Jurassic and Cretaceous

15 Quartz monzonite, granodiorite, quartz diorite.

QUESNEL RIVER GROUP (FORMERLY TAKLA GROUP)

Jurassic

14 Conglomerate (local granitic clasts), greywacke, shale.

Triassic and Jurassic

13 Syenite, monzonite, diorite; sub-volcanic intrusive phases, probably mainly Lower Jurassic.

12 Massive basalt.

11 Augite porphyry basalt.

10 Fragmental basalt; basaltic breccia.

9 Sandstone; mainly immature basaltic wacke.

8 Siltstone.

7 Shale, argillite.

6 Limestone; mainly black micrite, minor bioclastic.

5 Chert

CACHE CREEK GROUP

Pennsylvanian and/or Permian

4 Limestone, orange weathering dolomite.

3 Argillite, shale.

2 Chert.

1 Greenstone.

SYMBOLS

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- Fault, attitude where measured.
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- Vein.
- Dike.
- Bedding.
- Fold axis.
- Slaty cleavage.

Alteration Minerals		Sulfides	
Sil	Silica.	Py	Pyrite.
Mar	Apple green mariposite.	Cpy	Chalcopyrite.
Chl	Chlorite.	Apy	Arsenopyrite.
Carb	Orange weathering carbonate.	Po	Pyrrhotite.
Fl	Fluorite.	Sph	Sphalerite.
Ep	Epidote.	Gal	Galena.
Bi	Biotite.		

Map Symbols

- Rock sample site.
- Soil sample site.
- Silt sample site.
- Heavy mineral sample site.

Value(s) indicated at sample sites is(are):

eg. 10,36,2 Au ppb, As ppm, Sb ppm

NS No sample taken at site.

Legal corner post and claim boundary.

Note: Base map taken from photo enlargement of 1:50,000 scale NTS sheet. Topographic contours in feet above sea level. Contour interval is 100 feet. Map orientation is true North.

0 100 200 300 400 500

METERS

CIRCLE RESOURCES LTD.

QUESNEL PROJECT

DRAGON PROPERTY

GEOCHEMISTRY

Gold, Arsenic, Antimony

PROJECT NO: 8724A, 88C	NTS: 93B/16	SCALE: 1:5000
DRAWN BY: LC	DATE: DEC. 87	
REVISED BY: BF	DATE: DEC. 88	
APPROVED BY:	DATE:	

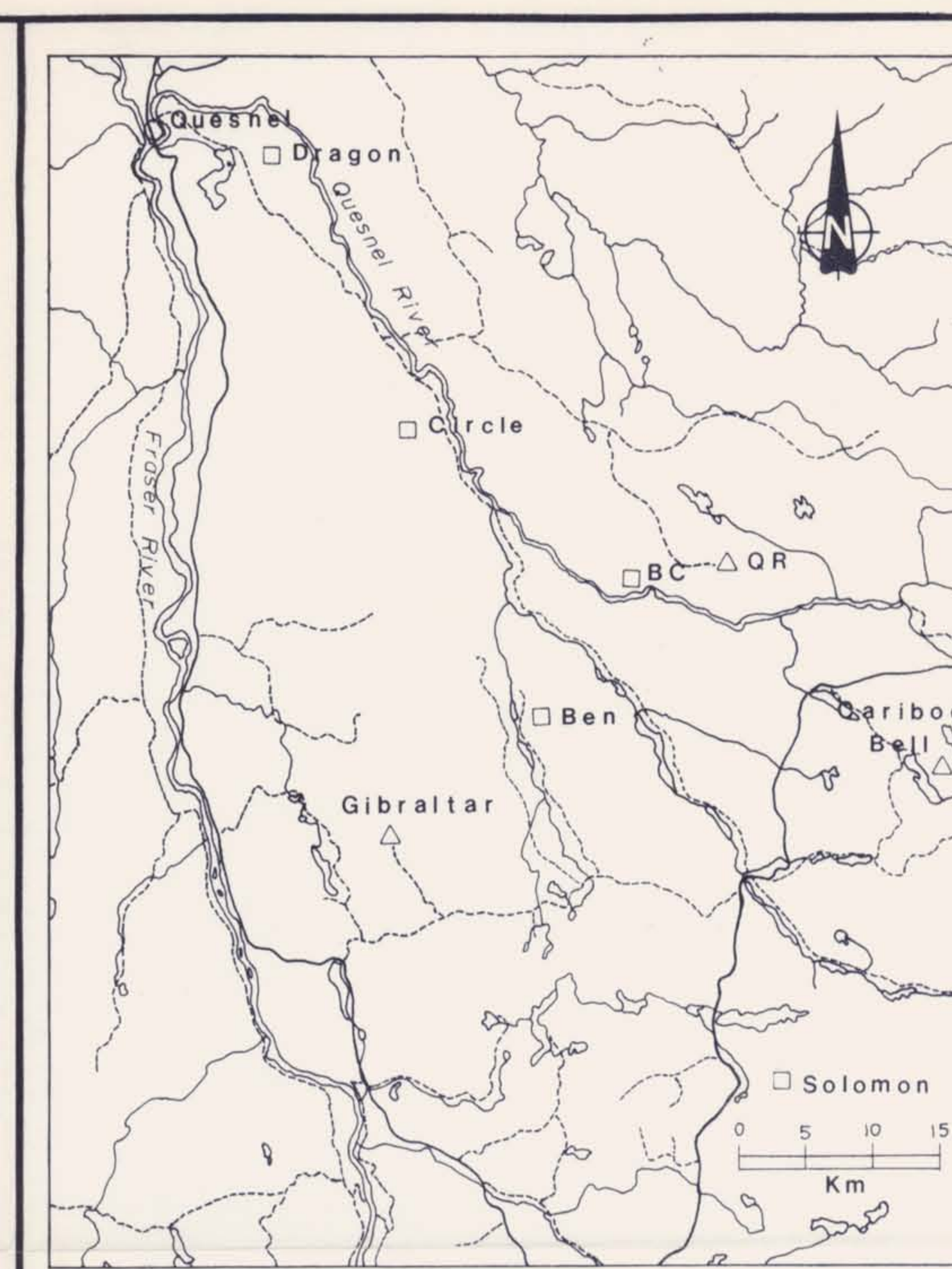
PLAN C-3

1987 Rock Geochem
Dragon Property   Property: 8724A

Sample	Au ppb	Ag ppm	As ppm	B ppm	Ba ppm	Cu ppm	K ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
0004	9	1.4	5	12	143	14	1080	1	18	2	46.3	78
0005	2	1.6	22	7812	13	8	60	6	10	3	109.9	41
0006	5	1.5	13	42	47	30	650	3	19	3	64	53
0007	7	1.9	16	72	90	32	800	1	22	4	61.3	62
0008	2	2	28	27	44	96	610	22	17	3	96.9	73
0009	10	1.1	7	14	64	228	1050	3	21	4	37.7	62
0010	4	0.1	1	1	16	61	190	11	7	2	3.2	40
39 018	145	1	1	2	2330	94	2130	4	26	1	5.8	41
39 019	5	0.6	1	5	1125	17	2420	6	24	1	6.6	45
39 020	156	0.8	4	3	2853	3	1520	5	28	1	3.7	65
39 021	3	0.3	1	1	2921	3	1150	6	27	2	4.4	43
39 022	4	0.1	1	1	145	2	1470	3	43	1	2.6	33
39 103	5	1.8	11	22	46	40	390	3	12	6	45.7	65
39 104	3	1.8	11	4	36	15	600	1	25	1	23.3	40
39 105	2	1.8	1	6	72	17	1400	1	20	2	29.7	45
39 106	4	1.7	16	5	46	14	1270	1	26	1	24.4	41
39 107	9	1.5	41	11	120	41	2490	1	26	2	34.4	54
39 108	4	2.1	30	23	78	40	960	3	8	6	75.9	75
39 109	3	2.7	16	38	34	14	410	3	15	4	106.7	76
39 110	7	1.4	4	7	113	24	1490	1	8	1	32	46
39 111	5	2.5	1	21	73	180	2160	1	21	1	153.8	79
39 112	18	1.2	23	6	128	81	1180	3	22	[illegible]	47.9	70
39 113	4	0.3	1	1	102	11	1260	18	19	2	17.1	42
39 114	5	0.4	2	1	55	21	930	16	11	1	5.8	30
39 115	9	2.1	26	1	20	23	170	6	14	1	41.9	19
39 116	3	2.4	25	23	74	56	290	1	13	6	63.9	80
39 117	4	2	20	12	41	102	600	2	18	1	39.2	47
39 118	4	0.8	10	16	58	13	1100	1	8	5	12.2	62
39 119	5	0.9	18	11	60	12	1070	2	14	2	6.7	42
39 120	3	2.1	1	14	54	28	970	1	26	4	47.4	68
39 121	4	2.1	22	24	72	40	240	3	22	1	109.9	76
A39 023	6	1.4	5	37	55	58	1010	4	22	2	73.9	83
A39 024	4	1.6	11	27	38	34	450	3	25	3	117.2	81
A39 025	6	1.4	1	28	42	20	1390	2	16	1	64	48
A39 026	3	1	1	24	40	14	1050	1	17	2	61.2	47
A39 027	2	1.7	12	28	24	130	200	2	12	3	78.9	59
A39 028	173	2.5	52	27	56	1015	130	1	12	427	8.9	96
A39 029	3	2.4	12	28	94	52	690	6	24	3	95.9	68
A39 030	5	1.2	11	22	151	108	1690	5	15	1	56.1	35
A39 031	4	1.1	146	13	71	54	2210	25	40	3	17.8	75
A39 032	17	1	231	11	86	52	2560	19	38	4	11.5	88
A39 033	5	0.3	14	9	106	13	2380	8	24	2	5.2	44
A39 034	3	1.6	65	162	19	20	300	20	16	2	25.9	56
A39 037	4	1.9	25	22	50	128	740	5	8	1	80.9	49
A39 038	7	0.3	6	13	133	12	2260	22	19	1	21.5	22
A39 039	2	0.8	2	40	142	80	810	16	21	1	99	91
A39 040	5	1.3	10	25	68	135	3520	26	24	4	106.4	62
A39 041	3	2	23	15	56	48	1910	29	22	3	106	112
BF96-01	3	0.6	2	1	248	7	790	1	22	1	18.2	50
BF96-02	4	0.7	4	1	64	10	650	9	31	1	25.4	60
BF96-03	2	0.7	3	10	58	15	1320	7	22	1	34.2	72
BF96-04	6	0.1	1	1	7	3	110	2	8	1	1.7	19
BF96-05	8	0.1	1	1	45	16	900	10	24	1	6.7	40
BF96-06	6	0.5	10	3	450	5	910	13	18	1	39.1	65
BF96-07	2	1.5	10	10	166	39	1430	35	26	2	70.2	87
BF96-08	5	1.4	26	13	61	6	540	173	30	1	60.9	48
BF95-09	4	2	15	[illegible]	[illegible]	23	110	1	23	2	64.4	61
BF96-10	2	1.3	8	1	25	6	420	3	26	1	44.5	29
BF96-11	6	0.7	6	6	98	21	1570	3	16	10	15.1	39

Dragon Property 1988 Rock Geochem

Sample Number	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Sb ppm	Zn ppm
70876	6	-0.5	26	98	-5	6	56
70877	7	-0.5	23	50	-5	-5	38
70878	9	0.7	8	109	5	-5	32
70901	7	-0.5	18	14	9	-5	41
70902	11	-0.5	57	17	7	5	73
70903	-5	-0.5	-5	49	6	-5	54
70904	5	-0.5	20	40	10	-5	45
70905	46	-0.5	-5	9	9	-5	31
70906	-5	-0.5	-5	8	17	-5	49



LEGEND

ROCK UNITS

Pleistocene and Recent

17 Glacial debris and valley fill.

Tertiary and Quaternary

16 Plateau basalt; olivine basalt flows and breccia.

Jurassic and Cretaceous

15 Quartz monzonite, granodiorite, quartz diorite.

QUESNEL RIVER GROUP (FORMERLY TAKLA GROUP)

Jurassic

14 Conglomerate (local granitic clasts), greywacke, shale.

Triassic and Jurassic

13 Syenite, monzonite, diorite; sub-volcanic intrusive phases, probably mainly Lower Jurassic.

12 Massive basalt.

11 Augite porphyry basalt.

10 Fragmental basalt; basaltic breccia.

9 Sandstone; mainly immature basaltic wacke.

8 Siltstone.

7 Shale, argillite.

6 Limestone; mainly black micrite, minor bioclastic.

5 Chert

CACHE CREEK GROUP

Pennsylvanian and/or Permian

4 Limestone, orange weathering dolomite.

3 Argillite, shale.

2 Chert.

1 Greenstone.

SYMBOLS

Geological Structures

Outcrop; defined area, isolated outcrop.

Geological contact; defined, inferred.

Fault, attitude where measured.

Fault zone, attitude where measured.

Vein.

Dike.

Bedding.

Fold axis.

Slaty cleavage.

Alteration Minerals		Sulfides	
Sil	Silica.	Py	Pyrite.
Mar	Apple green mariposite.	Cpy	Chalcopyrite.
Chl	Chlorite.	Apy	Arsenopyrite.
Carb	Orange weathering carbonate.	Po	Pyrrhotite.
Fl	Fluorite.	Sph	Sphalerite.
Ep	Epidote.	Gal	Galena.
Bi	Biotite.		

Map Symbols

Rock sample site.

Soil sample site.

Silt sample site.

Heavy mineral sample site.

Value(s) indicated at sample sites is(are):

eg.

NS No sample taken at site.

Legal corner post and claim boundary.

Note: Base map taken from photo enlargement of 1:50,000 scale NTS sheet. Topographic contours in feet above sea level. Contour interval is 100 feet. Map orientation is true North.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,667

0 200 400 600 800 1000
METERS

CIRCLE RESOURCES LTD.

QUESNEL PROJECT

DRAGON PROPERTY

GEOLOGY

PROJECT NO: 8724A, 88C	NTS: 93B/16	SCALE: 1:10 000
DRAWN BY: BF, DM	DATE: DEC. 88	
REVISED BY:	DATE:	
APPROVED BY:	DATE:	

PLAN C-1