

ARIS SUMMARY SHEET

District Geologist, Prince George

Off Confidential: 90.03.06

ASSESSMENT REPORT 18674

MINING DIVISION: Cariboo

PROPERTY: Ben
LOCATION: LAT 52 40 00 LONG 122 04 00
UTM 10 5835382 563119
NTS 093B09E

CLAIM(S): Ben 1-5
OPERATOR(S): Circle Res.
AUTHOR(S): Fraser, B.M.
REPORT YEAR: 1989, 46 Pages

COMMODITIES
SEARCHED FOR: Gold, Antimony, Arsenic
KEYWORDS: Carboniferous, Cache Creek Group, Basalt, Shale, Pyrite, Chert, Dolomite
Mariposite

WORK
DONE: Geochemical, Geological, Physical
GEOL 2500.0 ha
Map(s) - 1; Scale(s) - 1:10 000
LINE 54.0 km
SOIL 636 sample(s) ; AU, AG, AS, CU, PB, ZN, SB
Map(s) - 1; Scale(s) - 1:10 000

LOG NO: 0425	RD.
ACTION:	
FILE NO:	

FILMED

Geochemical and Geological Report
on the Ben Property
Cariboo Mining Division, British Columbia
N.T.S. 93 B / 9E

SUB-RECORDER
RECEIVED
APR 21 1989
M.R. # \$
VANCOUVER, B.C.

Lat: 52 degrees 40 minutes north
Long: 122 degrees 04 minutes west
Claims: Ben 1, Ben 2, Ben 3, Ben 4, Ben 5
Size: 100 units

By: Bryan M. Fraser, B. Sc.
For: Circle Resources Ltd.
Dated: April 20, 1989

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,674

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PROPERTY MAPS

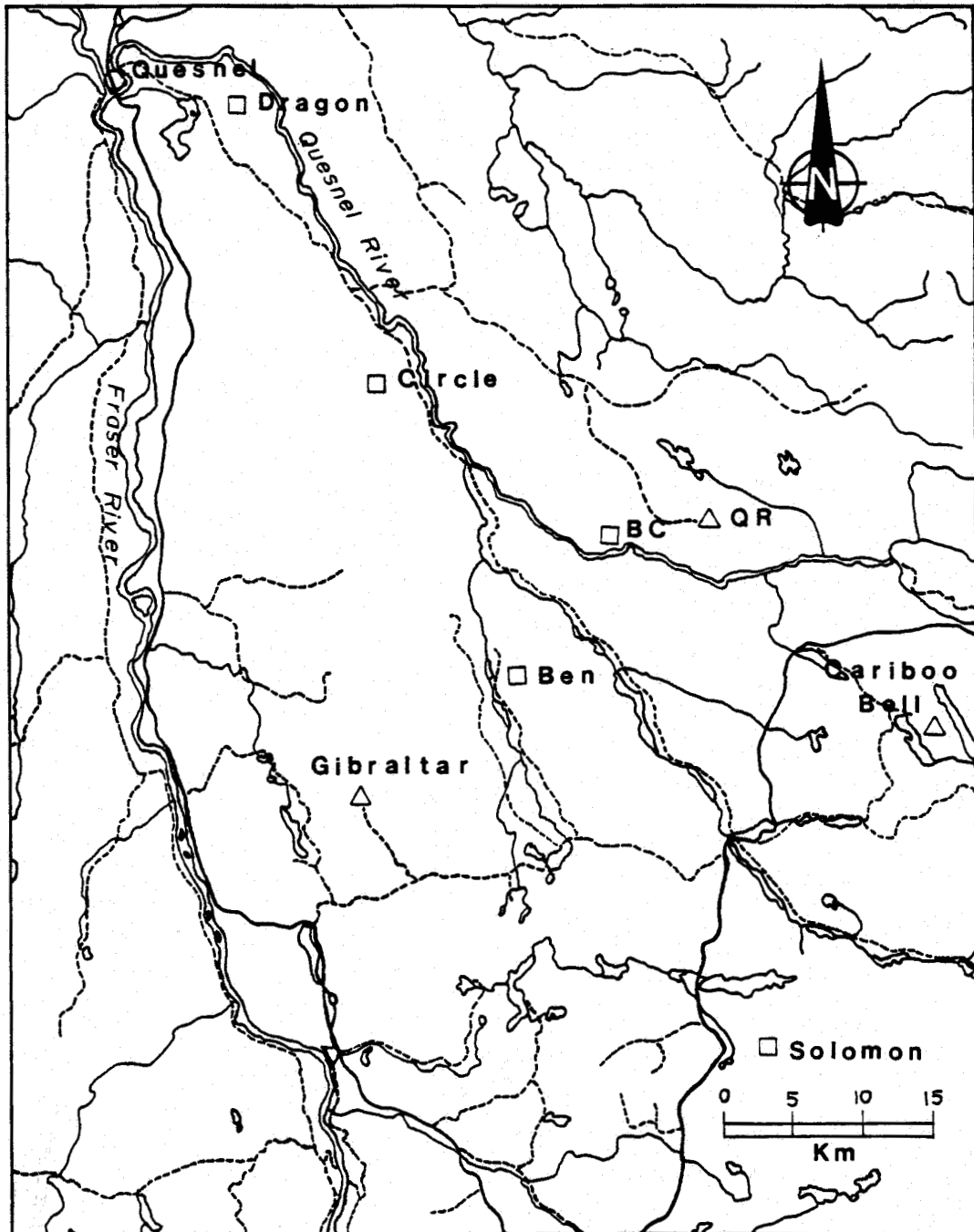
(in map pocket)

Plan D-1	GEOLOGY	1:10000 scale.....	
Plan D-2	GEOCHEM	1:10000 scale Au, As, Sb	

APPENDIX

BONDAR-CLEGG GEOCHEMICAL LAB REPORTS.....	
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Figure 1 Location Map of Ben Property
(1:500,000 scale)



INTRODUCTION

This report describes soil geochemical work and 1:10000 scale geology performed during the period September 3 to 16, 1988 on the Ben Property, 50 kilometers north of Williams Lake (see Figure 1).

PROPERTY DESCRIPTION

The Ben property consists of 5 mineral claims comprising 100 units (25 sq. km.) situated at 52° 40' north latitude, 122° 04' west longitude in the Cariboo Mining District of British Columbia (see Figure 2).

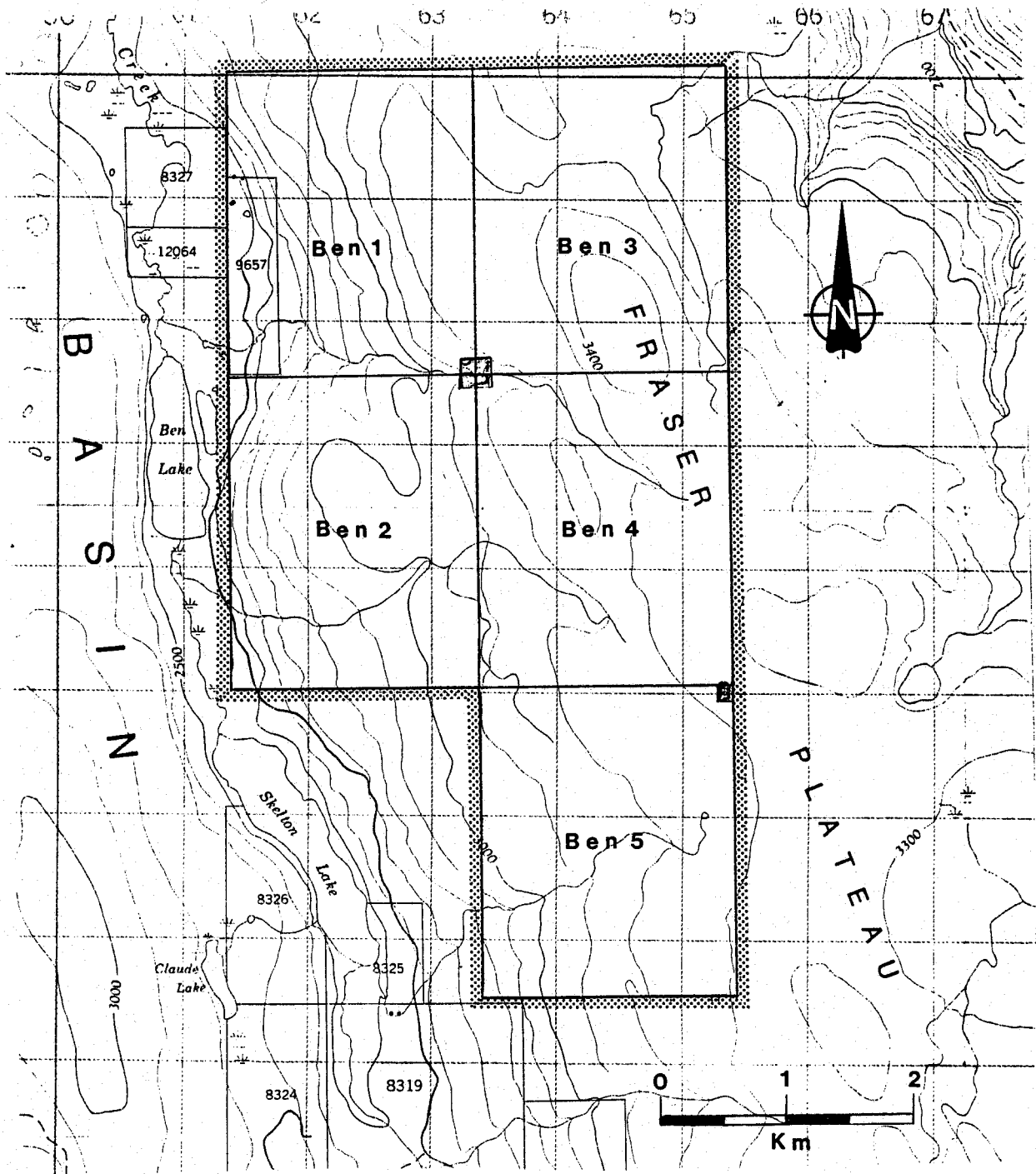
Table 1 Ben Claim List (N.T.S 93B/9E)

Claim Name	Record No.	Date of Record	Units
Ben 1	8288	March 5, 1987	20
Ben 2	8289	March 5, 1987	20
Ben 3	8290	March 5, 1987	20
Ben 4	8291	March 5, 1987	20
Ben 5	8292	March 5, 1987	20
Total Units			100

PHYSIOGRAPHY

The Ben Property lies within the Fraser Plateau region of Central British Columbia. The property covers rounded hills east of Ben Lake in the Beedy Creek Valley. Topographic relief is moderate with most of the claims lying between 854 and 1037 meters (2800 and 3400 feet) in elevation.

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



ACCESS

The Ben Property adjoins Ben Lake, 50 kilometers north of Williams Lake, B.C. (see Figure 1). The nearest settlement is the village of McLeese Lake (40 kilometers north from Williams Lake on Highway 97). The property is situated about 10 kilometers east of the Gibraltar porphyry copper mine.

Access from McLeese Lake is east towards Likely along 22 kilometers of gravel highway and then north for 13 kilometers on good gravel road following the Beedy Creek valley. Travel time is roughly 30 minutes from McLeese Lake.

PREVIOUS WORK

The 1988 program on Ben was planned in response to the following encouraging results from the 1987 program:

- (1). A Au bearing silica-carbonate ledge exposed in North Ben Creek. Specimens from the zone showed several stages of brecciation and silica flooding. High Au (to 210 ppb) was reported from grab samples taken from 10 meters of exposed high silica breccia and in 60 meters of exposed carbonate-mariposite altered rock. Samples also returned high values for other elements commonly associated with epithermal gold deposits: As (to 573 ppm), Hg (to 1945 ppb), Sb (to 249 ppm), and Ni (to 981 ppm).
- (2). Heavy mineral samples indicated strong possibility of in place Au in the area. Three creeks draining the property showed a strong increase from near background in the -40 +80 mesh non-magnetic fraction to values from 850 ppb to 1575 ppb Au in the -80 mesh non-magnetic fraction.

OBJECT OF PRESENT WORK

The current program of reconnaissance soil sampling and prospecting was designed to provide follow-up geology and sampling on promising zones of Au enrichment from 1987 work.

CURRENT WORK

The 1987 soil grid was extended to cover the entire property with lines at 200 meter separation and samples at 100 meter spacing. Over the Main Zone, a closer spaced grid was emplaced with lines at 100 meter separation and samples at 50 meter spacing. The northern half of the property was mapped and prospected at 1:10,000 scale with detail geology at 1:500 scale over the Main Zone. Work involved:

- o 54 km. of flag line
- o 558 soil samples.
- o 76 rock samples of which 25 were from the Main Zone.
- o geological mapping at 1:10,000 scale

PROPERTY GEOLOGY (see Plan A-1)

Geological mapping on Ben Property 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 Units

Regionally, Ben property lies within the Cache Creek Group of Pennsylvanian Age. Outcrop exposure is less than 5% and mapping has relied extensively on areas of angular float.

The major rock package on Ben is a sequence of interbedded black pyritic shale and chert with minor sections of chloritized basalt. At the east of the property, a resistant weathering dolomite unit acts as a good marker horizon. Based on this unit the overall trend of the sequence is believed to be NNW. Reliable attitudes are rare in the sediment package but those taken indicate a gentle dip to the west.

On the west of the property, outcrops of augite porphyry flow have been included with the sequence but may very well be a section of Block faulted volcanics from the base of the Takla Group of Upper Triassic age.

Intrusive rock has only been observed on South Ben Creek. At this location, epidotized medium grained diorite is found in a 40 meter exposure of outcrop and sub-outcrop.

b. Structure

Prominent NNW trending gullies are inferred to be surface expression of major shear zones sub-parallel to the trend of the Pinchi Fault. On Skelton Creek, an 8 meter shear zone is exposed trending 160/77SW. However, no clear association has been shown between Au enrichment in soils and these major faults.

Cataclastic fabric in altered shales indicates faulting sub-parallel to bedding. This style of faulting is consistent with thrust faulting recognized regionally in the Quesnel Terrane to the east.

c. Alteration and Mineralization

At the Main Zone on North Ben Creek, in situ Au is associated with quartz-carbonate-mariposite alteration of Cache Creek shales. 1988 mapping by Chris Sayer of J. C. Stephen Explorations Ltd. has established an 80 meter long zone of Au enriched altered shale trending NE sub-parallel to a shale basalt contact. Strength of Au enrichment appears related to silica content.

Other zones of quartz-carbonate-mariposite alteration have been located and sampled to the north and east of the Main Zone. Investigation to date has not shown significant Au enrichment although Sb (to 82ppm) and As (to 752 ppm) are at levels comparable to the Main Zone.

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:

- o test tubes and cupels were used only once.
- o 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:

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

GEOCHEMICAL RESULTS

Results are plotted on plans A-1 through A-2 (map pocket).

Table 2 summarizes basic statistics for soil geochem.

Tables 3 through 11 summarize data distribution for each element.

 Table 2 Ben Property: Basic Statistics for 1988 Soil Analyses

element	Au	Ag	As	Cu	Pb	Sb	Zn	Co	Ni
#assays	636	636	636	636	636	636	636	636	636
max	144	1.9	231	252	24	54	677	48	1126
min	0	0	0	3	0	0	26	0	10
mean	1.8	0.17	17.7	29.7	8.4	2.8	138.5	12.7	86.0
s.d.	8.2	0.32	22.5	22.7	3.8	5.8	80.0	5.4	75.3

 Table 3 Gold: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0	2	551	86.64
2	4	0	86.64
4	6	31	91.51
6	8	16	94.03
8	10	8	95.28
10	12	10	96.86
12	14	4	97.48
14	16	5	98.27
16	18	2	98.58
18	20	0	98.58
20	22	1	98.74
22	24	1	98.90
24	26	0	98.90
26	28	1	99.06
28	30	0	99.06
30	32	1	99.21
32	34	0	99.21
34	36	0	99.21
36	38	1	99.37
38	>38	4	100.00

 Table 4 Silver: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0.0	0.1	484	76.10
0.1	0.2	0	76.10
0.2	0.3	0	76.10
0.3	0.4	0	76.10
0.4	0.5	39	82.23
0.5	0.6	41	88.68
0.6	0.7	30	93.40
0.7	0.8	18	96.23
0.8	0.9	6	97.17
0.9	1.0	6	98.11
1.0	1.1	3	98.58
1.1	1.2	2	98.90
1.2	1.3	4	99.53
1.3	1.4	1	99.69
1.4	>1.4	2	100.00

 Table 5 Arsenic: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0	5	147	23.11
5	10	106	39.78
10	15	103	55.97
15	20	81	68.71
20	25	71	79.87
25	30	45	86.95
30	35	22	90.41
35	40	19	93.40
40	45	6	94.34
45	50	10	95.91
50	55	5	96.70
55	60	3	97.17
60	65	3	97.64
65	70	0	97.64
70	75	0	97.64
75	80	0	97.64
80	85	1	97.80
85	90	1	97.96
90	95	3	98.43
95	100	0	98.43
100	105	1	98.58
105	110	0	98.58
110	115	0	98.58
115	120	1	98.74
120	125	0	98.74
125	130	2	99.06
130	>130	6	100.00

 Table 6 Copper: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0	10	28	4.40
10	20	182	33.02
20	30	218	67.30
30	40	98	82.70
40	50	53	91.04
50	60	30	95.75
60	70	9	97.17
70	80	4	97.80
80	90	4	98.43
90	100	1	98.58
100	110	2	98.90
110	120	0	98.90
120	130	2	99.21
130	>130	5	100.00

 Table 7 Lead: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0	1	48	7.55
1	2	0	7.55
2	3	0	7.55
3	4	0	7.55
4	5	30	12.26
5	6	94	27.04
6	7	91	41.35
7	8	95	56.29
8	9	63	66.19
9	10	66	76.57
10	11	36	82.23
11	12	38	88.21
12	13	19	91.19
13	14	20	94.34
14	15	11	96.07
15	16	7	97.17
16	17	7	98.27
17	18	5	99.06
18	>18	6	100.00

Table B Antimony: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0	1	466	73.27
1	2	0	73.27
2	3	0	73.27
3	4	0	73.27
4	5	16	75.79
5	6	24	79.56
6	7	28	83.96
7	8	14	86.16
8	9	15	88.52
9	10	15	90.88
10	11	13	92.92
11	12	8	94.18
12	13	9	95.60
13	14	5	96.38
14	15	1	96.54
15	16	5	97.33
16	17	2	97.64
17	18	4	98.27
18	19	1	98.43
19	20	0	98.43
20	21	3	98.90
21	22	0	98.90
22	23	1	99.06
23	>23	6	100.00

 Table 9 Zinc: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0	20	0	0.00
20	40	6	0.94
40	60	23	4.56
60	80	78	16.82
80	100	103	33.02
100	120	107	49.84
120	140	101	65.72
140	160	75	77.52
160	180	31	82.39
180	200	25	86.32
200	220	21	89.62
220	240	16	92.14
240	260	7	93.24
260	280	8	94.50
280	300	7	95.60
300	320	2	95.91
320	340	6	96.86
340	360	2	97.17
360	380	2	97.48
380	400	5	98.27
400	420	3	98.74
420	440	1	98.90
440	460	0	98.90
460	480	1	99.06
480	>480	6	100.00

 Table 10
 Cobalt: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0	2	2	0.31
2	4	8	1.57
4	6	30	6.29
6	8	75	18.08
8	10	118	36.64
10	12	139	58.49
12	14	87	72.17
14	16	63	82.08
16	18	42	88.68
18	20	21	91.98
20	22	16	94.50
22	24	16	97.01
24	26	7	98.11
26	28	3	98.58
28	30	1	98.74
30	32	5	99.53
32	>32	3	100.00

Table 11 Nickel: Cumulative Percent Distribution of Soil Geochem

From	To	Assays	Cum. %
0	20	4	0.63
20	40	60	10.06
40	60	198	41.19
60	80	139	63.05
80	100	79	75.47
100	120	55	84.12
120	140	36	89.78
140	160	23	93.40
160	180	9	94.81
180	200	10	96.38
200	220	4	97.01
220	240	3	97.48
240	260	1	97.64
260	280	3	98.11
280	300	0	98.11
300	320	0	98.11
320	340	2	98.43
340	360	3	98.90
360	380	0	98.90
380	400	1	99.06
400	>400	6	100.00

DISCUSSION OF GEOCHEMISTRY

a. Soil Geochemistry (See Plan A-2)

A review of tables 3 through 11 indicates the following threshold values for soil analyses:

Element	T h r e s h o l d	
	95%	V a l u e s 99%
Gold	10 ppb	28 ppb
Silver	0.8 ppm	1.3 ppm
Arsenic	50 ppm	130 ppm
Copper	60 ppm	130 ppm
Lead	15 ppm	18 ppm
Antimony	13 ppm	23 ppm
Zinc	300 ppm	480 ppm
Cobalt	24 ppm	32 ppm
Nickel	200 ppm	400 ppm

Au in soils is limited to isolated high values ranging from 20 to 300 ppb Au. Detailed sampling over the Main Zone returned background values. Resampling of line 4800N did not confirm a high value of 650 ppb Au at station 1800E reported in 1987.

Arsenic values in soils were noticeably higher in 1988 than in 1987. Mean arsenic was 17.7 ppm as opposed to 9.8 ppm, respectively. This deviation is probably due to analysis technique and should be noted when contouring the data. A zone of high As (44 to 231 ppm) between 4900N-2700E and 5700N-3500E may reflect a NE striking shear zone. Arsenic over 40 ppm occurs as spot values along a NE trend sub-coincident with the resistant carbonate unit between 5200N-3100E and 7400N-1800E.

High Sb (>10 ppm) was commonly associated with high As. Coincident high Sb (to 54ppm) and As (to 231 ppm) occur on the NE extent of the arsenic zone mentioned earlier. If continuous, this zone is at least 500 meters long and 100 meters wide. As will be shown under rock geochemistry, this soil anomaly coincides with a strongly silicified zone indicative of a large hydrothermal system.

b. Rock Geochemistry (See Plan A-1)

The Main Zone was sampled with chips across 1 meter widths on surface exposures in North Ben Creek. 25 samples (70751 to 70775) were taken. Sampling confirmed a multi-element enrichment in the silica-carbonate-mariposite zone with high values up to 122 ppb Au, 1109 ppm As, 205 ppm Sb, 1074 Ni.

Prospecting follow-up on a spot Au high of 30 ppb at 5200N-3100E led to identification of an exposure of pervasively silicified rock in a zone extending roughly 150 meter east and 100 meter north, centered at roughly 5400N-3250E. Grab samples (70807 to 70811) from this area returned high Sb (to 82 ppm), marginal As (to 32 ppm) and background values for other elements. The extent and degree of alteration suggests major hydrothermal activity. One possibility is that this zone represents surface expression of a low level porphyry system.

Splashy mariposite-carbonate near 6800N-2250E forms a 100 meter long NNW trending zone. Grab samples (70787 to 70796) from this area returned high As (to 422 ppm), Sb (to 50 ppm) and Ni (to 656ppm), with background values for all other elements.

CONCLUSION

Although Au enrichment (to 210 ppb) has been identified on North Ben Creek, soil sampling does not confirm any extent to the zone. Elsewhere, Au values from soil sampling form erratic highs but no consistent zone.

In contrast, high As, Sb, and Ni form well defined zones coincident with mariposite-carbonate rock. This rock type is widespread over the property. It may have formed where concentrations of heavy minerals leached from the shale package were dumped from fracture systems crossing carbonate rich horizons.

STATEMENT OF COSTS

Cost Statement for Work Performed September 3 - 20, 1988

Ben Property (Ben1, Ben2, Ben3, Ben4, Ben5 mineral claims)
 NTS 93B/9E
 Cariboo Mining Division

Preparatory survey:			
o 54.0 km. of flag line @ \$100/km.			\$ 5400
Soil sample collection:			
o 558 soils @ \$5.00/soil			2790
o 78 soils @ labour cost			
Meals, accommodations (motel):			2230
Vehicle rental:			
o 2 trucks @\$55/day/truck x 12 days			1323
Vehicle expenses (gas, oil, etc.):			387
Labour:			
o Project manager	15 days @ \$200/day	\$ 3000	
o Geologist	13 days @ \$225/day	2925	
o Logistical services	13 days @ \$125/day	1625	
		-----	7550
Field supplies:			502
Shipping:			161
Analyses:			
o 636 soil samples @ \$14.00		\$ 8603	
o 76 rock samples @ \$18.65		1417	
		-----	10020
Drafting:			486
Report preparation:			2188
Office expenses:			207
Administration:			1770
TOTAL ...			-----
			\$ 35014
			=====

STATEMENT OF QUALIFICATIONS

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

Education:

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

Experience:

- o Summer field work, 1971-75; Noranda Explorations Ltd., Bacon and Crowhurst, Canadian Superior Explorations Ltd., McIntyre Mines Ltd.
- o Field geologist, 1976-78; Tye Lake Resources Ltd.
- o Field geologist, 1979; United Hearne Resources Ltd.
- o Field geologist, 1980; J.C. Stephen Explorations Ltd.
- o Pit geologist, 1981-83; Amax of Canada Ltd., Kitsault
- o Field geologist, 1987; Aurum Geological Consultants
- o 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
 (4) 985-0681 Telex 04-352667



**Geochemical
 Lab Report**

REPORT: V88-117818.11 (COMPLETE)

REFERENCE INFO: SHIPMENT #1

CLIENT: CIRCLIF RESOURCES LTD.
 PROJECT: 88A

SUBMITTED BY: B. FRASER
 DATE PRINTED: 27-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 311g Gold 311 grams	28	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Ag Silver	28	11.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As Arsenic	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu Copper	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb lead	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb Antimony	28	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn Zinc	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Co Cobalt	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Ni Nickel	28	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	28	2 -150	28	CRUSH,PULVERTIZE -150	28

REPORT COPIES TO: ATTN: MR. BYRAN M. FRASER
 MR. FERGUS GRAHAM

INVOICE TO: ATTN: MR. BYRAN M. FRASER

REPORT: V88-07818.0

PROJECT: 88A

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
R2 70751		37	<0.5	81	187	<5	59	90	26	95
R2 70752		16	0.9	63	54	<5	34	55	17	53
R2 70753		<5	<0.5	40	118	20	17	75	41	138
R2 70754		15	<0.5	163	84	9	131	61	49	391
R2 70755		51	0.8	534	99	9	51	57	35	259
R2 70756		94	<0.5	720	64	<5	98	22	60	601
R2 70757		105	<0.5	630	142	<5	192	19	51	490
R2 70758		<5	<0.5	770	92	<5	108	11	56	608
R2 70759		89	<0.5	885	68	<5	188	14	64	804
R2 70760		134	<0.5	710	170	8	151	15	57	600
R2 70761		85	2.1	630	119	<5	113	8	51	489
R2 70762		29	<0.5	79	21	<5	44	20	3	37
R2 70763		28	<0.5	89	21	<5	56	29	4	43
R2 70764		136	<0.5	364	33	<5	146	62	27	131
R2 70765		47	1.1	91	22	9	65	23	5	34
R2 70766		104	<0.5	283	46	6	67	114	20	73
R2 70767		116	<0.5	1109	80	5	205	5	69	806
R2 70768		6	<0.5	52	164	23	<5	67	29	83
R2 70769		<5	1.0	37	102	<5	10	56	24	42
R2 70770		63	<0.5	438	92	<5	87	7	51	783
R2 70771		97	0.8	570	72	<5	64	6	59	702
R2 70772		122	0.8	570	87	<5	69	4	62	821
R2 70773		79	<0.5	640	88	<5	128	2	75	1074
R2 70774		<5	0.5	405	62	<5	119	3	67	871
R2 70775		103	0.8	310	190	<5	123	13	32	375
R2 70801		6	0.8	31	6	<5	16	17	2	26
R2 70802		<5	<0.5	180	<1	<5	30	9	46	585
R2 70803		<5	<0.5	43	10	<5	14	15	64	1159

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (4) 985-0681 Telex 04-352667



**Geochemical
 Lab Report**

REPORT: V88-07843.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #2

CLIENT: CIRCLE RESOURCES LTD.
 PROJECT: 88A

SUBMITTED BY: B. FRASER
 DATE PRINTED: 30-SEP-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - Fire Assay	386	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Au 30g Gold 30 grams	4	5 PPB	FIRE-ASSAY	Fire Assay AA
3	Co Cobalt	390	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Ag Silver	390	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	As Arsenic	390	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Ni Nickel	390	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Cu Copper	390	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Pb Lead	390	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Sb Antimony	390	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Zn Zinc	390	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	STRT FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	386	1 -80	386	DRY, SIFVE -80	386
R ROCK OR BED ROCK	4	2 -150	4	CRUSH,PULVERTZE -150	4

REMARKS: ERRATIC GOLD RESULT NOTED.
 LSD+DNN 24+50% CHECK = <5 PPB Au

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

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

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SAMPLE NUMBER	ELEMENT UNITS	Au PPR	Au 30g PPR	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L16+00N 20+00E		<5		8	<0.5	21	31	17	7	9	54
S1 L16+00N 21+00E		<5		18	<0.5	10	81	29	6	6	141
S1 L16+00N 22+00E		<5		11	<0.5	14	55	26	6	7	70
S1 L16+00N 23+00E		<5		11	<0.5	10	58	35	7	<5	74
S1 L16+00N 24+00E		<5		13	<0.5	11	81	31	6	8	75
S1 L16+00N 25+00E		<5		12	<0.5	9	67	31	6	<5	102
S1 L16+00N 26+00E		<5		12	<0.5	11	107	29	6	<5	76
S1 L16+00N 27+00E		<5		12	<0.5	<5	64	38	7	7	82
S1 L16+00N 28+00E		<5		9	<0.5	24	61	28	8	5	49
S1 L16+00N 29+00E		<5		10	<0.5	7	62	25	6	<5	60
S1 L16+00N 30+00E		<5		15	<0.5	11	122	31	6	<5	261
S1 L16+00N 31+00E		<5		16	<0.5	16	78	34	7	<5	394
S1 L16+00N 32+00E		<5		21	1.9	<5	124	53	9	<5	123
S1 L16+00N 33+00E		<5		12	<0.5	16	101	42	8	<5	74
S1 L16+00N 34+00E		<5		17	<0.5	<5	95	35	8	<5	136
S1 L16+00N 35+00E		5		18	<0.5	9	107	43	8	<5	230
* S1 L16+00N 36+00E		<5		11	0.6	16	54	22	8	<5	212
* S1 L16+00N 38+00E		<5		17	<0.5	14	81	37	7	<5	122
** S1 L16+00N 39+00E		<5		15	0.5	24	92	30	7	<5	256
S1 L16+00N 40+00E		<5		15	<0.5	6	55	24	7	<5	148
S1 L18+00N 20+00E		<5		17	<0.5	19	116	40	9	<5	86
S1 L18+00N 21+00E		<5		8	<0.5	<5	44	18	7	<5	65
S1 L18+00N 22+00E		<5		7	<0.5	<5	36	15	8	<5	65
S1 L18+00N 23+00E		<5		11	<0.5	6	72	23	6	<5	69
S1 L18+00N 24+00E		<5		16	<0.5	12	98	48	10	<5	132
S1 L18+00N 25+00E		<5		12	<0.5	15	81	32	7	<5	87
S1 L18+00N 26+00E		<5		12	<0.5	13	58	30	7	<5	76
S1 L18+00N 27+00E		<5		11	<0.5	5	72	30	8	<5	76
S1 L18+00N 28+00E		<5		13	<0.5	7	78	24	8	<5	109
S1 L18+00N 29+00E		<5		17	<0.5	10	135	50	11	<5	217
S1 L18+00N 30+00E		<5		10	<0.5	<5	54	26	7	<5	108
S1 L18+00N 31+00E		<5		10	<0.5	8	65	31	8	<5	63
S1 L18+00N 32+00E		90		15	<0.5	9	137	63	7	<5	76
S1 L18+00N 33+00E		<5		11	<0.5	14	65	27	8	<5	227
S1 L18+00N 34+00E		<5		17	<0.5	32	110	55	10	6	509
S1 L18+00N 35+00E		<5		7	<0.5	11	56	16	7	<5	130
S1 L18+00N 36+00E		<5		13	<0.5	10	66	22	8	<5	137
S1 L18+00N 37+00E		<5		13	<0.5	13	100	46	10	<5	242
S1 L18+00N 38+00E		<5		15	<0.5	5	70	39	9	9	198
S1 L18+00N 39+00E		<5		15	<0.5	9	73	30	9	<5	186

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SAMPLE NUMBER	FILAMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L48+00N 40+00F		<5		7	<0.5	20	35	21	9	<5	66
S1 L48+00N 15+00E		<5		11	<0.5	32	58	37	9	13	234
S1 L48+00N 15+50F		8		11	<0.5	42	92	73	13	15	383
S1 L48+00N 16+00E		8		19	<0.5	20	97	57	12	<5	170
S1 L48+00N 16+50F		<5		7	<0.5	17	32	16	8	7	148
S1 L48+00N 17+00E		<5		11	<0.5	23	59	25	8	<5	92
S1 L48+00N 17+50F		<5		8	<0.5	27	45	19	8	10	91
S1 L48+00N 18+00E		<5		9	<0.5	20	48	15	7	<5	102
S1 L48+00N 18+50F		12		12	<0.5	25	67	30	9	5	153
S1 L48+00N 19+00E		<5		9	<0.5	10	38	14	10	<5	114
S1 L48+00N 19+50F		<5		7	<0.5	9	36	15	8	<5	90
S1 L48+00N 20+00E		9		9	<0.5	<5	50	16	8	<5	151
S1 L48+00N 20+50F		28		10	<0.5	14	79	35	11	<5	126
S1 L48+00N 21+00E		16		13	<0.5	22	91	36	10	<5	269
S1 L48+00N 21+50F		<5		9	<0.5	<5	59	22	9	<5	141
S1 L48+00N 22+00E		<5		10	<0.5	15	63	33	9	<5	121
S1 L48+00N 22+50F		<5		12	<0.5	18	59	32	10	<5	211
S1 L48+00N 23+00E		<5		8	<0.5	11	49	25	10	<5	137
S1 L48+00N 23+50F		<5		10	<0.5	17	57	19	8	<5	183
S1 L48+00N 24+00E		<5		11	<0.5	16	65	28	10	<5	138
S1 L48+00N 24+50F		<5		10	<0.5	19	62	26	9	<5	104
S1 L48+00N 25+00E		<5		11	<0.5	15	72	30	10	<5	156
S1 L48+00N 25+50F		<5		14	<0.5	8	72	34	10	<5	149
S1 L48+00N 26+00E		<5		8	<0.5	7	51	22	8	<5	125
S1 L48+00N 26+50F		<5		9	<0.5	17	67	31	11	<5	137
S1 L48+00N 27+00E		<5		13	<0.5	9	74	31	10	<5	128
S1 L48+00N 27+50F		<5		18	<0.5	38	107	43	13	8	160
S1 L48+00N 28+00E		<5		13	<0.5	27	64	28	11	<5	95
S1 L48+00N 28+50F		<5		22	0.6	26	141	44	12	<5	178
S1 L48+00N 29+00E		<5		11	<0.5	22	74	29	10	<5	119
S1 L48+00N 29+50F		<5		14	<0.5	9	89	31	11	<5	107
S1 L48+00N 30+00E		<5		14	<0.5	26	109	32	10	<5	104
S1 L48+00N 30+50F		<5		16	0.6	6	111	30	11	<5	119
S1 L48+00N 31+00E		<5		15	<0.5	<5	115	25	10	<5	120
S1 L48+00N 31+50F		<5		19	<0.5	<5	150	41	10	6	149
S1 L48+00N 32+00E		<5		18	<0.5	25	121	29	10	<5	117
S1 L48+00N 32+50F		<5		15	<0.5	12	131	29	10	<5	112
S1 L48+00N 33+00E		12		14	<0.5	15	106	25	9	<5	69
S1 L48+00N 33+50F		<5		13	<0.5	8	125	21	9	<5	77
S1 L48+00N 34+00E		<5		14	<0.5	17	99	22	9	<5	92

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SAMPLE NUMBER	ELEMENT UNITS	Au PPM	Au 31g PPM	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L48+00N 34+50E		<5		20	<0.5	10	152	23	10	<5	97
S1 L48+00N 35+10W		<5		25	<0.5	11	171	27	10	<5	127
S1 L50+00N 15+00E		<5		11	<0.5	31	70	24	10	<5	336
S1 L50+00N 15+50W		<5		13	<0.5	27	59	23	11	<5	190
* S1 L50+00N 16+00E		<5		11	<0.5	18	62	26	10	<5	123
S1 L50+00N 17+10W		8		14	<0.5	32	87	33	10	<5	134
S1 L50+00N 17+50E		<5		9	<0.5	13	43	11	9	<5	88
S1 L50+00N 18+10W		5		9	<0.5	11	43	8	8	<5	125
S1 L50+00N 18+50E		<5		11	<0.5	34	55	14	14	<5	214
S1 L50+00N 19+10W		<5		12	<0.5	31	62	15	9	<5	332
* S1 L50+00N 19+50E		<5		10	<0.5	20	63	27	10	<5	339
S1 L50+00N 21+10W		<5		14	0.5	6	54	19	10	<5	291
S1 L50+00N 21+50E		<5		10	<0.5	32	72	15	9	<5	127
S1 L50+00N 22+10W		<5		9	<0.5	16	60	10	8	<5	72
* S1 L50+00N 22+50E		10		13	0.6	11	59	24	8	<5	185
* S1 L50+00N 23+10W		<5		15	0.7	21	66	31	11	<5	406
S1 L50+00N 24+00E		<5		10	<0.5	14	47	24	6	<5	98
S1 L50+00N 24+50W		144		9	<0.5	6	46	11	10	7	64
S1 L50+00N 25+00E		<5		13	<0.5	24	67	29	11	<5	74
S1 L50+00N 25+50W		6		18	1.2	53	92	124	17	<5	608
S1 L50+00N 26+00E		<5		10	<0.5	20	67	38	9	<5	487
S1 L50+00N 26+50W		<5		9	<0.5	22	47	11	8	<5	116
S1 L50+00N 27+00E		<5		18	0.6	149	116	34	10	<5	426
S1 L50+00N 27+50W		<5		18	<0.5	171	262	37	11	<5	185
S1 L50+00N 28+00E		<5		20	0.6	94	108	45	9	6	207
S1 L50+00N 28+50W		<5		12	<0.5	13	59	19	10	<5	103
S1 L50+00N 29+00E		16		13	0.5	18	88	21	9	<5	150
S1 L50+00N 29+50W		<5		13	0.6	10	79	20	6	<5	96
S1 L50+00N 30+00E		<5		12	<0.5	5	96	17	7	5	85
S1 L50+00N 30+50W		<5		11	<0.5	10	85	15	6	<5	113
S1 L50+00N 31+00E		<5		11	<0.5	<5	70	17	7	<5	72
S1 L50+00N 31+50W		<5		9	<0.5	11	61	15	8	<5	58
S1 L50+00N 32+00E		10		13	<0.5	<5	132	29	6	<5	84
S1 L50+00N 32+50W		8		19	<0.5	<5	188	30	7	<5	71
S1 L50+00N 33+00E		<5		14	<0.5	<5	86	10	6	<5	75
S1 L50+00N 33+50W		5		16	0.6	12	168	17	<5	<5	86
S1 L50+00N 34+00E		<5		17	<0.5	<5	165	26	7	<5	66
S1 L50+00N 34+50W		<5		26	<0.5	<5	207	36	6	<5	84
S1 L50+00N 35+00E		<5		22	<0.5	<5	200	24	<5	<5	102
S1 L51+00N 30+10W		<5		14	<0.5	8	103	23	<5	<5	86

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L51+00N 31+000F		<5		23	<0.5	30	227	50	9	<5	125
S1 L51+00N 32+000F		<5		13	<0.5	<5	102	20	6	<5	77
S1 L51+00N 33+000F		<5		12	<0.5	<5	79	19	8	<5	65
S1 L51+00N 34+000F		<5		12	0.5	15	115	22	6	<5	67
S1 L51+00N 35+000F		<5		12	<0.5	7	96	22	<5	<5	57
S1 L53+00N 25+000F		<5		18	<0.5	25	99	43	8	7	147
S1 L53+00N 26+000F		<5		14	<0.5	15	99	41	5	<5	91
S1 L53+00N 27+000F		<5		23	0.7	24	131	52	10	<5	143
S1 L53+00N 28+000F		<5		9	0.7	63	360	33	<5	<5	63
S1 L53+00N 29+000F		<5		31	<0.5	231	329	60	7	27	112
S1 L53+00N 30+000F		<5		15	<0.5	157	74	59	8	54	113
S1 L53+00N 31+000F		<5		14	<0.5	19	70	18	8	<5	69
S1 L53+00N 32+000F		<5		11	<0.5	18	64	23	7	<5	77
S1 L53+00N 33+000F		<5		18	<0.5	<5	149	32	5	<5	64
S1 L53+00N 34+000F		12		10	<0.5	10	44	9	7	<5	66
S1 L53+00N 35+000F		<5		14	<0.5	15	105	28	6	<5	108
S1 L54+00N 15+000F		<5		11	<0.5	32	80	43	8	10	224
S1 L54+00N 16+000F		21		10	<0.5	<5	51	21	6	<5	105
S1 L54+00N 17+000F		<5		10	<0.5	21	34	39	13	9	213
S1 L54+00N 18+000F		5		15	0.5	21	142	96	15	<5	232
S1 L54+00N 19+000F		<5		11	<0.5	12	54	26	5	<5	146
S1 L54+00N 20+000F		<5		11	0.5	<5	65	31	8	<5	164
S1 L54+00N 21+000F		<5		12	0.7	12	61	29	8	<5	137
S1 L54+00N 22+000F		<5		10	<0.5	23	50	18	8	<5	107
S1 L54+00N 23+000F		<5		7	<0.5	11	47	18	8	<5	76
S1 L54+00N 24+000F		<5		8	<0.5	10	47	15	<5	6	108
S1 L54+00N 25+000F		<5		19	0.6	23	113	47	8	<5	168
S1 L54+00N 26+000F		<5		18	<0.5	23	101	43	10	<5	200
S1 L54+00N 27+000F		<5		17	0.7	27	101	28	9	<5	148
S1 L54+00N 28+000F		<5		14	<0.5	9	92	27	7	<5	96
S1 L54+00N 29+000F		<5		12	<0.5	9	63	19	7	<5	68
S1 L54+00N 30+000F		<5		16	0.7	11	75	24	<5	6	85
S1 L54+00N 31+000F		<5		23	<0.5	88	154	40	7	19	99
S1 L54+00N 32+000F		<5		12	0.8	131	79	50	12	49	143
S1 L54+00N 33+000F		<5		15	0.6	93	94	50	11	34	140
S1 L54+00N 34+000F		<5		12	<0.5	17	59	14	8	<5	98
S1 L54+00N 35+000F		<5		13	<0.5	30	73	22	8	<5	102
S1 L56+00N 15+000F		6		9	<0.5	14	39	38	12	7	156
S1 L56+00N 16+000F		15		32	1.9	28	172	104	14	<5	276
S1 L56+00N 17+000F		5		24	1.4	22	274	162	13	<5	399

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SAMPLE NUMBER	ELEMENT UNITS	Au PPR	Au 30g PPR	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L56+00N 18+00E		<5		12	<0.5	8	57	24	6	<5	171
S1 L56+00N 19+00E		<5		14	<0.5	9	58	25	7	<5	129
S1 L56+00N 20+00E		<5		11	<0.5	<5	57	19	5	<5	108
S1 L56+00N 21+00E		<5		10	<0.5	6	63	26	7	<5	127
S1 L56+00N 22+00E		<5		8	<0.5	20	51	28	10	<5	95
S1 L56+00N 23+00E		<5		9	<0.5	11	54	19	10	<5	106
S1 L56+00N 24+00E		<5		15	0.5	23	75	39	8	8	134
S1 L56+00N 25+00E		<5		11	0.5	<5	57	27	9	<5	110
S1 L56+00N 26+00E		<5		13	0.5	23	71	29	12	<5	124
S1 L56+00N 27+00E		<5		11	<0.5	11	51	12	8	<5	56
S1 L56+00N 28+00E		<5		12	<0.5	13	74	24	8	6	83
S1 L56+00N 29+00E		<5		22	0.5	24	187	39	8	<5	138
S1 L56+00N 30+00E		<5		15	<0.5	36	107	19	6	<5	91
S1 L56+00N 31+00E		<5		15	<0.5	26	90	21	10	<5	92
S1 L56+00N 32+00E		S11		10	<0.5	<5	55	20	10	<5	93
S1 L56+00N 33+00E		<5		19	<0.5	41	131	25	10	<5	93
S1 L56+00N 34+00E		<5		11	<0.5	19	62	11	11	<5	122
S1 L56+00N 35+00E		<5		22	0.6	65	186	72	11	<5	517
S1 L58+00N 15+00E		11		8	0.6	15	38	47	11	10	151
S1 L58+00N 16+00E		6		6	<0.5	9	23	27	11	<5	62
S1 L58+00N 17+00E		<5		10	<0.5	<5	51	21	10	<5	91
S1 L58+00N 18+00E		6		21	<0.5	<5	36	33	8	<5	144
S1 L58+00N 19+00E		12		16	<0.5	<5	86	43	10	<5	191
S1 L58+00N 20+00E		<5		12	<0.5	<5	97	33	11	<5	178
* S1 L58+00N 21+00E		<5		12	0.6	43	74	21	10	<5	136
S1 L58+00N 23+00E		<5		20	0.6	<5	99	42	12	10	207
S1 L58+00N 24+00E		<5		12	<0.5	<5	59	16	10	<5	200
S1 L58+00N 25+00E		<5		15	<0.5	24	54	27	10	11	113
S1 L58+00N 26+00E		<5		11	<0.5	<5	56	17	9	11	108
S1 L58+00N 27+00E		<5		21	<0.5	185	210	31	8	16	115
S1 L58+00N 28+00E		<5		16	<0.5	81	134	16	5	<5	79
S1 L58+00N 29+00E		8		15	<0.5	<5	107	18	10	<5	96
S1 L58+00N 30+00E		<5		12	<0.5	21	95	11	7	13	73
S1 L58+00N 31+00E		<5		25	<0.5	37	351	28	12	21	83
S1 L58+00N 32+00E		<5		12	0.8	13	584	226	8	<5	360
S1 L58+00N 33+00E		9		8	<0.5	20	48	6	8	11	85
S1 L58+00N 34+00E		<5		12	<0.5	9	68	18	8	8	92
S1 L58+00N 35+00E		<5		16	<0.5	20	83	23	11	14	171
S1 L60+00N 15+00E		<5		8	<0.5	13	31	21	9	5	97
S1 L60+00N 16+00E		<5		10	<0.5	<5	43	15	9	16	125

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L60+00N 17+00F		<5		7	0.6	6	50	13	9	<5	71
S1 L60+00N 18+00F		<5		8	0.7	<5	54	19	9	<5	126
S1 L60+00N 19+00F		5		7	<0.5	8	49	14	7	<5	133
* S1 L60+00N 20+00F		<5		10	<0.5	10	42	25	10	12	140
S1 L60+00N 20+50F		<5		10	<0.5	<5	45	9	8	11	128
S1 L60+00N 21+00F		<5		11	<0.5	<5	72	25	8	5	146
S1 L60+00N 21+50F		12		32	1.2	33	382	210	12	11	392
S1 L60+00N 22+00F		<5		4	<0.5	<5	43	60	<5	10	73
S1 L60+00N 22+50F		<5		15	<0.5	16	87	43	10	<5	127
S1 L60+00N 23+00F		5		12	<0.5	16	54	19	14	18	115
S1 L60+00N 23+50F		<5		14	<0.5	16	72	13	8	<5	158
S1 L60+00N 24+00F		11		11	<0.5	<5	62	19	11	<5	101
S1 L60+00N 24+50F		6		12	<0.5	8	71	18	12	10	76
S1 L60+00N 25+00F		<5		11	<0.5	26	54	24	9	10	96
S1 L60+00N 25+50F		<5		12	<0.5	6	67	15	10	8	98
S1 L60+00N 26+00F		<5		14	0.6	25	85	22	7	7	80
S1 L60+00N 26+50F		<5		12	<0.5	39	70	15	11	9	137
S1 L60+00N 27+00F		<5		15	<0.5	48	98	24	8	21	87
S1 L60+00N 27+50F		<5		11	<0.5	27	68	24	9	<5	105
S1 L60+00N 28+00F		<5		15	<0.5	32	106	19	8	<5	81
S1 L60+00N 28+50F		<5		15	<0.5	<5	101	22	8	<5	104
S1 L60+00N 29+00F		<5		14	<0.5	5	106	21	12	<5	129
S1 L60+00N 29+50F		<5		13	<0.5	11	87	16	11	<5	75
S1 L60+00N 30+00F		<5		18	<0.5	30	117	20	11	<5	76
S1 L60+00N 30+50F		<5		18	<0.5	17	134	23	10	<5	121
S1 L60+00N 31+00F		<5		9	<0.5	<5	36	8	10	<5	58
S1 L60+00N 31+50F		<5		16	<0.5	22	89	23	11	<5	152
S1 L60+00N 32+00F		<5		21	<0.5	26	193	23	14	<5	145
S1 L60+00N 32+50F		<5		12	0.7	23	63	17	12	<5	112
S1 L60+00N 33+00F		<5		11	<0.5	<5	44	12	10	<5	132
S1 L60+00N 33+50F		<5		10	<0.5	20	55	13	9	<5	190
S1 L60+00N 34+00F		<5		11	<0.5	6	59	23	11	<5	123
S1 L60+00N 34+50F		<5		20	<0.5	<5	112	19	5	<5	98
S1 L60+00N 35+00F		<5		13	<0.5	<5	57	23	6	8	111
S1 L62+00N 15+00F		<5		12	1.0	11	115	45	7	<5	132
S1 L62+00N 16+00F		<5		13	<0.5	16	70	31	7	8	171
S1 L62+00N 17+00F		6		20	0.7	36	114	43	9	<5	175
S1 L62+00N 18+00F		<5		9	<0.5	12	64	29	6	<5	150
S1 L62+00N 19+00F		<5		10	<0.5	<5	53	21	5	7	143
S1 L62+00N 20+00F		<5		14	<0.5	<5	85	29	7	<5	154

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L62+00N 21+00E		<5		7	<0.5	<5	45	12	7	5	127
S1 L62+00N 22+00E		<5		9	<0.5	23	72	22	<5	<5	110
S1 L62+00N 23+00E		<5		24	0.6	26	133	61	17	<5	298
S1 L62+00N 24+00E		<5		20	<0.5	13	128	35	12	7	155
S1 L62+00N 25+00E		<5		13	<0.5	<5	70	7	8	5	77
S1 L62+00N 26+00E		<5		17	<0.5	7	98	22	7	<5	98
S1 L62+00N 27+00E		<5		13	<0.5	46	76	17	12	<5	102
S1 L62+00N 28+00E		<5		23	1.0	30	155	34	13	7	218
S1 L62+00N 29+00E		<5		19	0.6	11	151	29	12	<5	139
* S1 L62+00N 30+00E		<5		15	<0.5	11	99	27	10	<5	101
S1 L62+00N 30+50E		<5		12	<0.5	6	80	29	12	<5	130
S1 L62+00N 31+00E		<5		21	<0.5	25	353	50	13	<5	677
S1 L62+00N 31+50E		<5		12	<0.5	<5	69	7	12	<5	129
S1 L62+00N 32+00E		6		17	0.6	7	89	22	13	<5	232
S1 L62+00N 32+50E		<5		12	0.5	11	51	18	11	<5	119
S1 L62+00N 33+00E		<5		15	<0.5	21	81	19	18	<5	148
S1 L62+00N 33+50E		<5		22	<0.5	<5	143	58	12	<5	253
S1 L62+00N 34+00E		<5		11	<0.5	<5	47	19	11	<5	148
S1 L62+00N 34+50E		<5		21	<0.5	32	112	50	18	<5	161
S1 L62+00N 35+00E		<5		14	0.9	18	63	36	14	<5	139
S1 L64+00N 15+00E		6		10	<0.5	22	55	29	12	<5	141
S1 L64+00N 16+00E		<5		11	<0.5	<5	38	16	11	<5	133
S1 L64+00N 17+00E		<5		10	<0.5	7	42	12	14	<5	117
S1 L64+00N 18+00E		<5		10	<0.5	7	46	12	13	<5	125
S1 L64+00N 19+00E		<5		10	<0.5	<5	45	14	14	<5	124
S1 L64+00N 20+00E		<5		9	0.6	<5	41	5	12	<5	119
S1 L64+00N 21+00E		<5		13	0.7	53	86	27	12	10	149
S1 L64+00N 22+00E		<5		13	<0.5	33	77	29	14	<5	101
S1 L64+00N 23+00E		<5		9	<0.5	<5	35	4	14	<5	82
S1 L64+00N 24+00E		<5		12	<0.5	15	56	9	14	<5	97
S1 L64+00N 25+00E		<5		23	<0.5	42	126	21	15	<5	127
S1 L64+00N 26+00E		<5		10	<0.5	9	43	9	12	<5	108
S1 L64+00N 27+00E		<5		12	<0.5	24	64	23	14	<5	217
S1 L64+00N 28+00E		18		17	0.5	25	129	12	15	<5	171
S1 L64+00N 29+00E		<5		16	<0.5	25	87	24	13	<5	130
S1 L64+00N 30+00E		<5		10	<0.5	9	52	19	15	<5	111
S1 L64+00N 31+00E		<5		9	<0.5	<5	37	8	11	<5	100
S1 L64+00N 32+00E		9		14	<0.5	<5	57	18	13	<5	112
S1 L64+00N 33+00E		10		14	0.8	12	56	23	15	<5	102
S1 L64+00N 34+00E		6		12	<0.5	13	57	28	9	<5	112

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 3lig PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L64+00N 35+IIIF		<5		22	0.7	35	132	51	17	<5	176
S1 L66+00N 15+IIIF		5		4	1.1	<5	15	19	24	<5	236
S1 L66+00N 16+IIIF		<5		12	<0.5	<5	52	3	12	<5	105
S1 L66+00N 17+IIIF		16		11	<0.5	<5	51	18	12	<5	95
S1 L66+00N 18+IIIF		<5		13	<0.5	26	78	22	11	<5	116
S1 L66+00N 19+IIIF		<5		9	<0.5	13	41	9	14	<5	124
S1 L66+00N 20+IIIF		<5		15	<0.5	47	76	25	12	5	132
S1 L66+00N 21+IIIF		<5		48	<0.5	19	604	89	11	<5	142
S1 L66+00N 22+IIIF		<5		18	<0.5	15	103	36	13	<5	281
S1 L66+00N 23+IIIF		<5		18	<0.5	19	79	28	18	<5	250
S1 L66+00N 24+IIIF		<5		14	0.6	17	57	13	14	<5	90
S1 L66+00N 25+IIIF		<5		12	0.8	15	58	11	15	<5	108
S1 L66+00N 26+IIIF		<5		23	0.7	21	136	36	16	<5	147
S1 L66+00N 27+IIIF		<5		30	0.7	55	248	38	16	<5	128
S1 L66+00N 28+IIIF		<5		18	<0.5	9	112	25	17	<5	160
S1 L66+00N 29+IIIF		14		15	0.8	30	103	45	16	<5	121
S1 L66+00N 30+IIIF		<5		16	0.8	19	105	54	8	12	131
S1 L66+00N 31+IIIF		<5		14	0.8	10	86	41	8	<5	267
S1 L66+00N 32+IIIF		<5		9	<0.5	9	49	20	7	<5	100
S1 L66+00N 33+IIIF		<5		10	<0.5	9	45	21	10	6	129
S1 L66+00N 34+IIIF		<5		6	<0.5	6	41	22	6	7	86
S1 L66+00N 35+IIIF		<5		10	0.5	22	33	12	6	5	170
S1 L68+00N 15+IIIF		5		11	<0.5	<5	71	29	9	17	226
S1 L68+00N 16+IIIF		<5		6	<0.5	<5	33	11	6	<5	119
S1 L68+00N 17+IIIF		7		11	<0.5	13	66	31	7	9	144
S1 L68+00N 18+IIIF		<5		42	<0.5	91	561	75	8	36	124
S1 L68+00N 19+IIIF		<5		11	<0.5	15	60	27	6	<5	88
S1 L68+00N 20+IIIF		<5		12	0.5	8	105	15	6	11	86
S1 L68+00N 21+IIIF		5		20	1.3	7	460	252	12	7	291
S1 L68+00N 22+IIIF		7		10	<0.5	21	48	13	6	<5	50
S1 L68+00N 23+IIIF		9		1	<0.5	<5	28	10	5	<5	41
S1 L68+00N 24+IIIF		<5		13	<0.5	20	68	16	8	10	150
S1 L68+00N 25+IIIF		5		12	0.8	20	154	106	8	13	188
S1 L68+00N 26+IIIF		<5		12	<0.5	19	76	20	6	<5	104
S1 L68+00N 27+IIIF		<5		23	0.8	15	176	39	10	<5	204
S1 L68+00N 28+IIIF		11		13	0.5	17	61	27	<5	<5	102
S1 L68+00N 29+IIIF		<5		12	0.6	15	82	31	9	7	158
S1 L68+00N 30+IIIF		<5		15	<0.5	30	147	20	9	<5	243
S1 L68+00N 31+IIIF		<5		7	<0.5	8	38	18	6	<5	89
S1 L68+00N 32+IIIF		<5		9	<0.5	11	53	26	7	<5	103

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SAMPLE NUMBER	ELEMENT UNITS	Au PPM	Au 30g PPM	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L68+00N 33+00E		8		8	<0.5	<5	38	16	6	<5	64
S1 L68+00N 34+00E		<5		13	<0.5	14	63	23	8	<5	60
S1 L68+00N 35+00E		6		6	0.5	7	26	11	<5	7	68
S1 L70+00N 15+00E		11		14	0.5	31	89	39	9	5	96
S1 L70+00N 16+00E		8		15	<0.5	37	102	37	7	<5	108
S1 L70+00N 17+00E		5		15	<0.5	8	136	29	6	<5	114
S1 L70+00N 18+00E		6		12	<0.5	36	48	51	9	18	122
S1 L70+00N 19+00E		7		25	0.9	18	1126	61	8	11	203
S1 L70+00N 20+00E		6		10	0.7	<5	62	20	5	10	89
S1 L70+00N 21+00E		6		12	0.7	<5	117	13	6	<5	64
S1 L70+00N 22+00E		<5		17	<0.5	120	106	30	9	11	122
S1 L70+00N 23+00E		<5		8	<0.5	7	45	21	5	<5	59
S1 L70+00N 24+00E		<5		8	<0.5	<5	49	16	<5	<5	72
S1 L70+00N 25+00E		<5		10	<0.5	7	105	34	10	<5	144
S1 L70+00N 26+00E		<5		20	<0.5	16	118	31	9	9	121
S1 L70+00N 27+00E		<5		14	<0.5	16	79	34	8	<5	115
S1 L70+00N 28+00E		<5		9	<0.5	26	46	16	6	<5	114
S1 L70+00N 29+00E		8		9	<0.5	<5	41	19	6	<5	119
S1 L70+00N 30+00E		5		7	<0.5	10	32	15	6	<5	67
S1 L70+00N 31+00E		<5		8	<0.5	24	44	15	7	<5	95
S1 L70+00N 32+00E		<5		10	<0.5	11	71	17	7	<5	81
S1 L70+00N 33+00E		<5		7	<0.5	18	37	15	7	5	51
S1 L70+00N 34+00E		<5		5	<0.5	19	34	10	5	<5	60
S1 L70+00N 35+00E		6		8	<0.5	<5	22	13	<5	<5	45
S1 L72+00N 15+00E		<5		11	0.5	13	81	31	8	<5	114
S1 L72+00N 16+00E		<5		16	<0.5	19	136	52	7	8	111
S1 L72+00N 17+00E		<5		12	<0.5	28	82	41	7	10	98
S1 L72+00N 18+00E		7		31	<0.5	14	227	26	5	<5	116
S1 L72+00N 19+00E		32		17	<0.5	41	106	32	9	18	94
S1 L72+00N 20+00E		<5		11	<0.5	23	65	15	7	<5	81
S1 L72+00N 21+00E		10		14	<0.5	7	94	36	10	10	98
S1 L72+00N 22+00E		<5		9	<0.5	10	50	12	7	<5	76
S1 L72+00N 23+00E		<5		14	<0.5	22	97	21	7	6	74
S1 L72+00N 24+00E		<5		9	<0.5	9	58	17	8	<5	84
S1 L72+00N 25+00E		<5		23	0.5	<5	212	68	8	16	205
S1 L72+00N 26+00E		<5		13	0.7	6	93	36	10	<5	173
S1 L72+00N 27+00E		<5		10	<0.5	48	91	29	9	<5	125
S1 L72+00N 28+00E		<5		5	<0.5	18	31	15	8	<5	74
S1 L72+00N 29+00E		<5		7	<0.5	10	38	14	6	<5	72
S1 L72+00N 30+00E		<5		7	<0.5	17	45	13	6	<5	61

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au 30g PPB	Co PPM	Ag PPM	As PPM	Ni PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM
S1 L72+00N 31+IIIF		<5		5	<0.5	<5	36	11	6	5	40
S1 L72+00N 32+IIIF		<5		10	<0.5	18	53	22	7	<5	70
S1 L72+00N 33+IIIF		<5		8	<0.5	10	41	13	6	<5	75
S1 L72+00N 34+IIIF		<5		6	<0.5	<5	14	11	<5	<5	40
S1 L72+00N 35+IIIF		<5		11	<0.5	24	44	24	7	6	40
S1 L74+00N 15+IIIF		<5		11	<0.5	34	70	28	7	13	94
S1 L74+00N 16+IIIF		<5		28	0.6	38	180	62	12	<5	133
S1 L74+00N 17+IIIF		<5		24	<0.5	18	189	25	6	<5	117
S1 L74+00N 18+IIIF		<5		22	<0.5	50	200	21	9	12	105
S1 L74+00N 19+IIIF		<5		16	<0.5	14	125	20	9	<5	120
S1 L74+00N 20+IIIF		<5		12	<0.5	128	132	51	7	18	284
S1 L74+00N 21+IIIF		<5		10	<0.5	10	75	23	7	<5	89
S1 L74+00N 22+IIIF		<5		20	<0.5	37	128	48	9	14	119
S1 L74+00N 23+IIIF		<5		32	0.8	15	414	51	7	8	107
S1 L74+00N 24+IIIF		<5		13	0.5	10	77	27	9	<5	131
S1 L74+00N 25+IIIF		<5		10	0.5	18	64	16	6	6	89
S1 L74+00N 26+IIIF		<5		11	<0.5	13	64	21	9	7	82
S1 L74+00N 27+IIIF		<5		8	<0.5	<5	50	18	7	<5	50
S1 L74+00N 28+IIIF		<5		7	<0.5	<5	39	19	6	<5	65
S1 L74+00N 29+IIIF		<5		12	<0.5	29	63	37	8	<5	86
S1 L74+00N 30+IIIF		<5		7	0.5	19	39	15	7	8	41
S1 L74+00N 31+IIIF		<5		7	<0.5	32	37	13	6	<5	54
S1 L74+00N 32+IIIF		<5		9	<0.5	9	44	24	8	<5	56
S1 L74+00N 33+IIIF		<5		7	<0.5	11	45	20	8	11	80
S1 L74+00N 34+IIIF		<5		12	0.6	26	61	26	6	6	111
S1 L74+00N 35+IIIF		<5		4	<0.5	<5	10	8	8	<5	26
R2 70776			<5	29	<0.5	10	107	71	8	10	73
R2 70777			<5	6	<0.5	<5	10	51	7	7	15
R2 70778			5	24	<0.5	6	61	90	7	<5	59
R2 70804			<5	11	<0.5	26	41	11	10	19	78

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (4) 985-0681 Telex 04-352667



**Geochemical
 Lab Report**

REPORT: V88-07864.D (COMPLETE)

REFERENCE INFO: SHTPMNT #3

CLIENT: CIRCLE RESOURCES LTD.
 PROJECT: 88A

SUBMITTED BY: B. FRASER
 DATE PRINTED: 28-OCT-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g Gold 30 grams	13	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Au Gold - Fire Assay	250	5 PPB	FTRE-ASSAY	Fire Assay AA
3	Au/wt Sample weight/grams	10	0.1 G		
4	Au/wt -20 Mesh Sample Wt.	5	0.1 G		
5	Ag Silver	263	0.5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
6	As Arsenic	263	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Cu Copper	263	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Pb Lead	263	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Sb Antimony	263	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Zn Zinc	263	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
11	Co Cobalt	263	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
12	Ni Nickel	263	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPFS	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	250	1 -80	250	DRY, SIEVE -80	250
R ROCK OR BED ROCK	13	2 -150	13	CRUSH,PULVERIZE -150	13

FAX CHARGE 1

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

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

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PROJECT: 88A

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L20+00N 20+00F			<5			<0.5	9	17	6	<5	103	9	44
S1 L20+00N 21+00E			<5			<0.5	22	32	10	<5	170	6	46
S1 L20+00N 22+00F			<5			0.8	13	29	8	<5	130	8	45
S1 L20+00N 23+00E			<5			<0.5	17	36	7	7	128	8	91
S1 L20+00N 24+00F			<5			0.6	<5	35	10	<5	119	7	46
S1 L20+00N 25+00E			<5			<0.5	<5	24	6	<5	102	8	37
S1 L20+00N 26+00F			<5			<0.5	49	24	7	<5	92	10	67
S1 L20+00N 27+00E			<5			<0.5	50	32	8	<5	132	13	57
S1 L20+00N 28+00F			<5			<0.5	17	19	12	<5	141	3	47
S1 L20+00N 29+00E			<5			<0.5	38	6	<5	<5	114	<1	17
S1 L20+00N 30+00F			<5			<0.5	26	37	5	<5	131	12	60
S1 L20+00N 31+00E			<5			0.7	6	43	<5	9	173	17	94
S1 L20+00N 32+00F			<5			0.7	<5	28	<5	<5	122	5	34
S1 L20+00N 33+00E			<5			1.1	17	58	9	14	674	8	88
S1 L20+00N 34+00F			<5			0.8	14	33	<5	<5	223	8	43
S1 L20+00N 35+00E			<5			0.8	<5	37	6	<5	251	12	59
S1 L20+00N 37+00F			<5			0.7	12	38	<5	<5	203	10	47
S1 L20+00N 38+00E			<5			0.6	10	26	<5	<5	63	5	34
S1 L20+00N 39+00F			<5			<0.5	26	30	<5	8	149	12	61
S1 L20+00N 40+00E			<5			<0.5	24	27	<5	7	89	5	21
S1 L22+00N 20+00F			<5			<0.5	<5	18	7	<5	120	7	45
S1 L22+00N 21+00E			<5			<0.5	<5	15	5	<5	72	14	56
S1 L22+00N 22+00F			13			<0.5	12	49	6	<5	77	20	153
S1 L22+00N 23+00E			<5			<0.5	<5	31	8	<5	103	13	71
S1 L22+00N 24+00F			<5			<0.5	<5	28	7	6	80	15	105
S1 L22+00N 25+00E			<5			<0.5	<5	22	6	6	104	10	61
S1 L22+00N 26+00F			6			<0.5	<5	17	8	<5	98	10	60
S1 L22+00N 27+00E			<5			<0.5	<5	23	7	<5	150	9	57
S1 L22+00N 28+00F			<5			<0.5	<5	23	9	<5	175	10	55
S1 L22+00N 29+00E			<5	5.0		0.6	<5	61	10	5	419	8	111
S1 L22+00N 30+00F			<5			<0.5	<5	42	8	<5	196	18	125
S1 L22+00N 31+00E			<5	2.0	8.0	<0.5	<5	58	9	7	213	18	123
S1 L22+00N 32+00F			<5			<0.5	13	24	7	<5	337	15	93
S1 L22+00N 33+00E			<5			<0.5	9	36	7	<5	150	6	43
S1 L22+00N 34+00F			<5			<0.5	<5	22	9	<5	124	4	40
S1 L22+00N 35+00E			<5			<0.5	7	25	7	<5	99	9	52
S1 L22+00N 36+00F			<5			<0.5	<5	19	7	<5	94	5	45
S1 L22+00N 37+00E			<5			<0.5	<5	18	5	<5	81	5	44
S1 L22+00N 38+00F			<5			<0.5	7	17	<5	7	94	5	38
S1 L22+00N 39+00E			<5			<0.5	12	16	7	<5	125	5	36

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L22+00N 40+00E			<5			<0.5	11	22	<5	9	83	8	53
S1 L24+00N 20+00F			<5			<0.5	21	8	<5	6	28	4	50
S1 L24+00N 21+00E			<5			<0.5	31	27	<5	<5	61	17	127
S1 L24+00N 22+00F			<5			<0.5	12	22	5	<5	80	15	80
S1 L24+00N 23+00E			<5			<0.5	22	17	6	<5	98	9	42
S1 L24+00N 24+00F			<5			0.7	31	38	5	<5	62	15	103
S1 L24+00N 25+00E			<5			<0.5	<5	12	<5	<5	78	8	52
S1 L24+00N 26+00F			<5			0.6	<5	44	6	<5	59	7	57
S1 L24+00N 27+00E			<5			<0.5	28	43	6	<5	115	7	49
S1 L24+00N 28+00F			<5			<0.5	27	39	<5	6	58	11	75
S1 L24+00N 29+00E			<5			<0.5	13	39	<5	<5	48	11	52
S1 L24+00N 30+00F			<5			<0.5	9	41	6	<5	305	13	62
S1 L24+00N 31+00E			<5			<0.5	40	52	6	<5	315	13	86
S1 L24+00N 32+00F			<5			<0.5	22	33	6	<5	184	9	61
S1 L24+00N 33+00E			<5			<0.5	17	20	6	<5	108	4	41
S1 L24+00N 34+00F			<5			<0.5	14	22	<5	<5	78	5	48
S1 L24+00N 35+00E			<5			<0.5	17	26	<5	<5	65	5	42
S1 L24+00N 36+00F			<5			0.6	<5	22	<5	<5	79	6	49
S1 L24+00N 37+00E			<5			<0.5	22	21	6	<5	83	5	44
S1 L24+00N 38+00F			<5			<0.5	8	12	5	<5	122	5	27
S1 L24+00N 39+00E			<5			<0.5	11	29	<5	<5	121	8	47
S1 L24+00N 40+00F			<5	4.0	6.0	<0.5	27	76	8	<5	128	13	150
S1 L26+00N 15+00E			<5			<0.5	10	33	7	7	149	11	47
S1 L26+00N 16+00F			<5	4.0	6.0	1.1	<5	213	5	<5	141	14	185
S1 L26+00N 17+00E			<5			<0.5	19	53	7	<5	153	13	76
S1 L26+00N 18+00F			<5			<0.5	28	81	9	8	173	18	137
S1 L26+00N 19+00E			<5	7.0		<0.5	38	88	8	<5	155	16	141
S1 L26+00N 20+00F			<5			<0.5	7	58	5	<5	59	13	121
S1 L26+00N 21+00E			<5			<0.5	17	29	<5	<5	96	12	147
S1 L26+00N 22+00F			<5			<0.5	7	11	6	<5	89	8	39
S1 L26+00N 23+00E			<5			<0.5	22	24	5	<5	99	9	50
S1 L26+00N 24+00F			<5			<0.5	18	18	6	7	89	9	53
S1 L26+00N 25+00E			<5			<0.5	9	9	<5	<5	154	8	48
S1 L26+00N 26+00F			<5			<0.5	<5	23	9	5	111	12	57
S1 L26+00N 27+00E			<5			0.8	7	25	8	9	206	15	65
S1 L26+00N 28+00F			<5			<0.5	<5	16	10	<5	154	10	45
S1 L26+00N 29+00E			<5			<0.5	12	23	9	<5	98	7	40
S1 L26+00N 30+00F			<5			0.8	14	16	7	<5	195	7	64
S1 L26+00N 31+00E			<5			<0.5	<5	17	17	<5	149	8	40
S1 L26+00N 32+00F			<5			<0.5	18	19	10	7	182	11	93

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L26+00N 33+00F			<5			<0.5	<5	15	12	17	150	7	42
S1 L26+00N 34+00E			<5			0.5	<5	20	12	<5	100	7	35
S1 L26+00N 35+00F			<5			<0.5	<5	25	8	<5	101	7	52
S1 L28+00N 15+00E			<5			<0.5	10	23	13	<5	113	12	36
S1 L28+00N 16+00F			<5			0.6	13	19	12	<5	171	13	50
S1 L28+00N 17+00E			14			0.5	<5	42	9	<5	75	14	136
S1 L28+00N 18+00F			<5			1.0	7	31	16	<5	224	14	90
S1 L28+00N 19+00E			<5			<0.5	<5	18	10	<5	154	13	81
S1 L28+00N 20+00F			<5			<0.5	<5	19	11	<5	38	7	33
S1 L28+00N 21+00E			<5			<0.5	<5	6	14	<5	66	5	23
S1 L28+00N 22+00F			<5			<0.5	7	16	14	<5	67	7	27
S1 L28+00N 23+00E			<5			<0.5	23	20	10	<5	80	8	48
S1 L28+00N 24+00F			<5			0.5	16	29	10	<5	117	9	50
S1 L28+00N 25+00E			7			0.5	12	13	10	<5	85	8	62
S1 L28+00N 26+00F			<5			<0.5	23	22	15	<5	90	11	73
S1 L28+00N 27+00E			<5			0.7	12	21	<5	<5	82	8	33
S1 L28+00N 28+00F			<5			<0.5	<5	31	8	<5	237	12	88
S1 L28+00N 29+00E			<5			<0.5	23	26	10	<5	368	17	144
S1 L28+00N 30+00F			<5			<0.5	25	31	14	<5	194	9	50
S1 L28+00N 31+00E			<5			0.9	13	60	12	<5	365	16	158
S1 L28+00N 32+00F			38			<0.5	10	32	11	<5	191	13	58
S1 L28+00N 33+00E			<5			<0.5	23	60	19	<5	409	14	108
S1 L28+00N 34+00F			<5			<0.5	5	10	10	<5	78	7	40
* S1 L28+00N 35+00E			<5			<0.5	<5	20	11	<5	141	9	41
S1 L47+00N 15+00F			16			0.7	17	23	13	<5	171	6	33
S1 L47+00N 15+50E			13			<0.5	33	29	12	7	139	9	45
S1 L47+00N 16+00F			<5			0.7	10	43	16	12	174	11	71
S1 L47+00N 16+50E			<5			<0.5	53	50	12	<5	244	16	103
S1 L47+00N 17+00F			<5			<0.5	20	24	12	<5	105	6	48
S1 L47+00N 17+50E			<5			0.9	9	28	10	<5	149	9	54
S1 L47+00N 18+00F			<5			<0.5	12	18	7	<5	155	11	48
S1 L47+00N 18+50E			<5			0.5	22	15	9	<5	87	9	41
S1 L47+00N 19+00F			<5			<0.5	19	20	15	<5	121	9	52
S1 L47+00N 19+50E			<5			0.8	30	65	15	<5	170	19	106
S1 L47+00N 20+00F			<5			<0.5	22	28	17	<5	94	9	43
S1 L47+00N 20+50E			<5			0.7	27	23	14	9	90	8	41
S1 L47+00N 21+00F			<5			0.9	<5	30	16	<5	151	13	62
S1 L47+00N 21+50E			17			0.6	<5	39	12	<5	176	13	80
S1 L47+00N 22+00F			<5			<0.5	6	30	11	<5	228	13	62
S1 L47+00N 22+50E			<5			0.6	17	33	12	7	202	8	99

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L47+00N 23+00E			<5			<0.5	28	43	12	<5	348	15	125
S1 L47+00N 23+50F			<5			0.5	<5	30	15	<5	216	11	53
S1 L47+00N 24+00E			<5			<0.5	<5	23	13	<5	148	11	36
S1 L47+00N 24+50F			<5			<0.5	<5	16	13	<5	133	9	31
S1 L47+00N 25+00E			<5			<0.5	<5	23	11	<5	82	6	43
S1 L47+00N 25+50F			<5			<0.5	<5	12	9	<5	137	9	31
S1 L47+00N 26+00E			<5			<0.5	7	14	13	<5	107	5	51
S1 L47+00N 26+50F			<5			<0.5	17	17	<5	<5	147	9	44
S1 L47+00N 27+00E			7			<0.5	9	25	14	<5	110	10	47
S1 L47+00N 27+50F			<5			<0.5	25	31	11	<5	142	8	59
S1 L47+00N 28+00E			7			0.6	25	22	14	<5	66	8	73
S1 L47+00N 28+50F			<5			<0.5	<5	36	11	<5	111	11	80
S1 L47+00N 29+00E			<5			0.8	7	27	18	6	115	10	62
S1 L47+00N 29+50F			<5			1.3	8	129	18	<5	386	20	179
S1 L47+00N 30+00E			<5	4.0	6.0	1.0	11	62	13	<5	181	22	150
S1 L47+00N 30+50F			<5			<0.5	11	55	13	<5	153	23	180
S1 L47+00N 31+00E			<5			<0.5	8	53	19	6	193	23	164
S1 L47+00N 31+50F			<5			<0.5	<5	21	17	11	113	13	66
S1 L47+00N 32+00E			<5			0.6	19	46	16	<5	124	28	217
S1 L47+00N 32+50F			<5			<0.5	19	48	6	12	120	15	132
S1 L47+00N 33+00E			6			1.3	11	44	19	<5	143	22	146
S1 L47+00N 33+50F			<5	2.0	8.0	0.5	10	57	7	12	160	26	199
S1 L47+00N 34+00E			<5	6.0		0.8	19	51	13	<5	139	45	333
S1 L47+00N 34+50F			<5			<0.5	11	39	9	<5	97	17	138
S1 L47+00N 35+00E			<5	5.0		0.7	11	41	14	<5	126	27	232
S1 L49+00N 15+00E			<5			<0.5	27	40	20	16	339	9	64
S1 L49+00N 15+50E			<5			0.7	29	30	7	<5	191	7	46
S1 L49+00N 16+50F			<5			<0.5	17	24	6	13	75	4	58
S1 L49+00N 17+00E			<5			<0.5	29	29	6	<5	121	8	57
S1 L49+00N 17+50F			<5			<0.5	23	19	7	<5	263	11	44
S1 L49+00N 18+00E			<5			0.6	20	29	<5	<5	124	9	56
S1 L49+00N 18+50F			<5			<0.5	56	47	9	<5	472	10	83
S1 L49+00N 19+00E			<5			<0.5	30	18	7	<5	321	9	56
S1 L49+00N 19+50F			<5			<0.5	16	10	<5	<5	85	5	26
S1 L49+00N 20+00E			<5			<0.5	21	32	6	<5	150	11	80
S1 L49+00N 20+50F			<5			<0.5	37	41	7	<5	134	11	80
S1 L49+00N 21+00E			<5			<0.5	29	18	6	<5	157	8	45
S1 L49+00N 21+50F			<5			<0.5	30	23	7	<5	193	12	66
S1 L49+00N 22+00E			<5			0.5	17	23	8	13	215	11	55
S1 L49+00N 22+50F			<5			0.5	25	18	<5	<5	164	9	43

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L49+00N 23+00F			<5			<0.5	<5	39	9	6	206	15	88
S1 L49+00N 23+50E			<5			<0.5	<5	22	8	<5	136	9	61
S1 L49+00N 24+00F			<5			<0.5	24	15	6	13	155	7	49
S1 L49+00N 24+50E			<5			<0.5	21	30	7	<5	139	10	61
S1 L49+00N 25+00F			<5			0.5	39	43	7	12	211	17	85
S1 L49+00N 25+50E			<5			<0.5	36	41	6	<5	190	12	73
S1 L49+00N 26+00F			<5			<0.5	10	20	8	<5	156	6	56
S1 L49+00N 26+50E			<5			<0.5	38	37	6	6	139	12	66
S1 L49+00N 27+00F			5			<0.5	44	37	6	<5	154	14	50
S1 L49+00N 27+50E			<5			<0.5	30	21	6	13	119	9	57
S1 L49+00N 28+00F			5			0.6	28	57	8	<5	164	18	141
S1 L49+00N 28+50E			<5			<0.5	28	33	7	6	170	15	81
S1 L49+00N 29+00F			<5			<0.5	22	26	9	14	147	16	80
S1 L49+00N 29+50E			<5			<0.5	20	35	9	<5	190	16	106
S1 L49+00N 30+00F			<5			<0.5	37	24	6	12	131	12	77
S1 L49+00N 30+50E			<5			<0.5	32	21	6	9	94	12	74
S1 L49+00N 31+00F			<5			<0.5	27	37	<5	10	116	16	127
S1 L49+00N 31+50E			<5	7.0		0.5	54	44	8	23	158	18	148
S1 L49+00N 32+00F			<5			<0.5	19	18	7	<5	103	15	91
S1 L49+00N 32+50E			<5			<0.5	19	29	6	7	111	17	132
S1 L49+00N 33+00E			<5			<0.5	28	26	6	5	77	24	194
S1 L49+00N 33+50E			<5			<0.5	5	24	6	11	56	11	98
S1 L49+00N 34+00F			<5			<0.5	23	22	5	<5	106	13	114
S1 L49+00N 34+50E			<5			0.5	5	13	5	6	138	11	114
S1 L49+00N 35+00F			<5			<0.5	9	20	6	<5	104	12	84
S1 L51+00N 15+00E			<5			0.6	57	54	6	13	169	12	88
S1 L51+00N 15+50F			<5			<0.5	8	16	6	10	127	9	46
S1 L51+00N 16+00E			<5			0.5	22	36	<5	<5	190	11	69
S1 L51+00N 16+50F			<5			<0.5	46	47	8	32	236	15	107
S1 L51+00N 17+00E			<5			0.5	9	8	<5	14	225	10	54
S1 L51+00N 17+50F			23			<0.5	<5	22	5	11	162	8	40
S1 L51+00N 18+00E			<5			<0.5	11	17	<5	<5	88	8	37
S1 L51+00N 18+50F			<5			<0.5	<5	23	5	<5	123	7	43
S1 L51+00N 19+00E			<5			<0.5	<5	23	6	<5	101	10	46
S1 L51+00N 19+50F			<5			<0.5	<5	28	<5	11	101	12	85
S1 L51+00N 20+00E			<5			<0.5	12	11	7	<5	102	9	46
S1 L51+00N 20+50F			<5			<0.5	12	19	<5	<5	96	9	48
S1 L51+00N 21+00E			<5			<0.5	16	28	5	<5	209	12	53
S1 L51+00N 21+50F			7			<0.5	14	31	6	16	137	14	67
S1 L51+00N 22+00E			<5			<0.5	<5	26	7	8	104	11	56

REPORT: V88-07864.0

PROJECT: 88A

PAGE 6

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L51+00N 22+50E			<5			<0.5	<5	24	5	<5	143	10	62
S1 L51+00N 23+00F			<5			<0.5	6	11	5	10	100	6	43
S1 L51+00N 23+50E			<5			<0.5	11	19	6	<5	135	9	45
S1 L51+00N 24+00F			<5			<0.5	14	12	6	<5	116	7	24
S1 L51+00N 24+50E			<5			<0.5	23	23	6	<5	80	11	54
S1 L51+00N 25+00F			<5			<0.5	18	21	5	<5	145	13	47
S1 L51+00N 25+50E			<5			1.0	<5	88	9	<5	289	18	106
S1 L51+00N 26+00F			<5			0.7	<5	52	8	<5	276	20	118
S1 L51+00N 26+50E			<5			0.6	30	54	10	9	292	22	110
S1 L51+00N 27+00F			<5			0.7	37	39	10	8	136	25	117
S1 L51+00N 27+50E			<5			0.5	16	28	7	7	277	19	89
S1 L51+00N 28+00F			<5			<0.5	130	13	8	<5	126	15	157
S1 L51+00N 28+50E			<5			0.6	49	16	7	<5	110	10	70
S1 L51+00N 29+00F			<5			0.6	10	16	6	6	103	13	82
S1 L51+00N 29+50E			<5			<0.5	13	21	7	<5	77	12	69
* S1 L51+00N 30+50F			<5			<0.5	<5	16	<5	9	99	13	68
* S1 L51+00N 31+50E			<5			<0.5	<5	22	6	<5	81	13	93
S1 L51+00N 32+50F			<5			<0.5	13	17	6	7	89	17	100
S1 L51+00N 33+50E			<5			<0.5	<5	10	8	6	83	10	71
S1 L51+00N 34+50F			<5			<0.5	32	15	<5	<5	66	16	127
S1 L53+00N 15+00E			<5			<0.5	25	19	7	<5	226	12	61
S1 L53+00N 15+50F			<5			<0.5	37	16	7	<5	266	14	69
S1 L53+00N 16+00E			<5			<0.5	13	44	8	<5	226	15	53
S1 L53+00N 16+50F			<5			<0.5	<5	29	8	<5	146	10	36
S1 L53+00N 17+00E			<5			1.3	14	42	15	<5	118	10	27
S1 L53+00N 17+50F			<5			<0.5	13	32	7	7	115	9	43
S1 L53+00N 18+00E			<5			1.0	<5	56	8	9	91	11	51
S1 L53+00N 18+50F			<5			<0.5	14	15	8	<5	129	12	49
S1 L53+00N 19+00E			<5			<0.5	<5	30	21	<5	164	12	42
S1 L53+00N 19+50F			<5			0.6	22	33	6	<5	126	14	87
S1 L53+00N 20+00E			<5			<0.5	35	14	6	<5	138	10	48
S1 L53+00N 20+50F			<5			<0.5	<5	10	6	<5	155	12	41
S1 L53+00N 21+00E			<5			<0.5	<5	25	8	<5	139	12	62
S1 L53+00N 21+50F			<5			<0.5	6	33	6	<5	146	12	70
S1 L53+00N 22+00E			<5			<0.5	21	17	7	<5	150	10	53
S1 L53+00N 22+50F			<5			<0.5	<5	31	8	<5	126	12	57
S1 L53+00N 23+00E			<5			<0.5	<5	11	7	<5	111	9	66
S1 L53+00N 23+50F			<5			<0.5	21	24	6	<5	127	12	67
S1 L53+00N 24+00E			<5			0.5	11	19	7	<5	165	11	65
* S1 L53+00N 24+50F			<5			0.5	46	61	12	<5	198	24	130

REPORT: V88-07864.0

PROJECT: 88A

PAGE 7

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au PPB	Au/wt G	Au/wt G	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
S1 L53+00N 25+50F			11			<0.5	<5	45	9	<5	179	20	106
S1 L53+00N 26+50E			56			<0.5	14	17	8	<5	104	13	57
S1 L53+00N 27+50F			<5			0.9	64	30	8	<5	135	23	146
S1 L53+00N 28+50E			<5			<0.5	104	47	8	21	147	25	263
S1 L53+00N 29+50F			<5			<0.5	<5	28	6	9	95	15	81
S1 L53+00N 30+50E			<5			<0.5	29	21	6	<5	89	17	93
S1 L53+00N 31+50F			<5			<0.5	24	17	6	<5	89	15	77
S1 L53+00N 32+50E			<5			<0.5	13	17	7	<5	81	10	72
S1 L53+00N 33+50F			<5			0.7	8	28	7	<5	92	14	91
S1 L53+00N 34+50E			<5			0.7	58	23	5	5	119	17	90
R2 70805		<5				<0.5	315	79	<5	15	58	39	595
R2 70806		<5				0.5	<5	24	<5	<5	28	111	3429
R2 70807		<5				<0.5	27	23	<5	65	11	4	32
R2 70808		<5				<0.5	<5	25	<5	82	8	3	13
R2 70809		<5				<0.5	<5	30	<5	20	29	4	15
R2 70810		<5				<0.5	<5	8	<5	14	14	4	14
R2 70811		<5				<0.5	32	12	<5	13	15	2	13
R2 70812		<5				<0.5	<5	<1	<5	<5	14	4	12
R2 70813		<5				<0.5	646	4	<5	26	16	78	1753
R2 70814		<5				<0.5	<5	3	<5	<5	21	<1	19
R2 70815		<5				<0.5	81	78	7	13	50	58	994
R2 70816		<5				0.7	242	15	10	17	21	54	971
R2 70817		<5				<0.5	<5	9	8	<5	18	2	21

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 North Vancouver, B.C.
 V7P 2R5
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**Geochemical
 Lab Report**

REPORT: V88-118109.11 (COMPLETE)

REFERENCE INFO: SHIPMENT # 4

CLIENT: CIRCI RESOURCES LTD.
 PROJECT: 88A

SUBMITTED BY: B. FRASER
 DATE PRINTED: 5-OCT-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 3lg Gold 30 grams	28	5 PPM	FIRE-ASSAY	Fire Assay AA
2	Ag Silver	28	0.5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As Arsenic	28	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu Copper	28	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb lead	28	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb Antimony	28	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn Zinc	28	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Co Cobalt	28	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Ni Nickel	28	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	28	2 -150	28	CRUSH, PULVERIZE -150	28
				FAX CHARGE	1

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

INVOICE TO: MR. BRYAN M. FRASER

REPORT: V88-08109.0

PROJECT: 88A

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
R2 70779		<5	0.7	19	22	<5	<5	20	6	7
R2 70780		7	<0.5	88	<1	<5	<5	9	3	1
R2 70781		<5	0.9	375	6	<5	10	15	50	999
R2 70782		12	0.6	94	13	<5	6	21	6	33
R2 70783		<5	<0.5	<5	44	<5	<5	49	22	29
R2 70784		<5	0.6	30	4	<5	<5	28	5	2
R2 70785		<5	<0.5	15	3	<5	6	17	<1	3
R2 70786		8	<0.5	735	34	<5	24	27	51	614
R2 70787		<5	0.8	461	52	<5	35	47	29	251
R2 70788		6	<0.5	125	224	<5	50	20	28	168
R2 70789		6	0.8	286	28	<5	32	53	37	600
R2 70790		<5	0.8	140	61	<5	23	70	39	351
R2 70791		<5	<0.5	109	12	<5	12	47	8	92
R2 70792		5	0.5	339	36	<5	23	52	44	656
R2 70793		<5	<0.5	62	30	<5	17	23	8	38
R2 70794		<5	0.8	171	25	<5	14	45	29	397
R2 70795		<5	0.6	40	34	<5	10	39	40	526
R2 70796		<5	0.7	422	37	<5	20	56	41	597
R2 70797		6	0.6	367	39	5	20	48	42	568
R2 70798		<5	<0.5	104	11	<5	12	31	28	435
R2 70799		10	0.9	481	6	<5	12	16	42	748
R2 70800		<5	0.8	179	5	<5	10	19	40	647
R2 70951		10	1.0	420	6	<5	19	9	56	961
R2 70952		9	0.6	244	7	<5	12	13	55	1067
R2 70953		8	0.7	425	10	<5	15	22	61	1015
R2 70954		7	0.8	483	4	<5	10	12	54	977
R2 70955		8	0.8	145	13	<5	12	8	55	1100
R2 70956		16	0.6	752	9	<5	23	11	61	1141

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**Geochemical
 Lab Report**

REPORT: V88-08629.D (COMPLETE)

REFERENCE INFO: SHIPMENT #5

CLIENT: CIRCLF RESOURCES LTD.
 PROJECT: 88A

SUBMITTED BY: B. FRASER
 DATE PRINTED: 14-OCT-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g Gold 30 grams	4	5 PPM	FIRE-ASSAY	Fire Assay AA
2	Ag Silver	4	0.5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
3	As Arsenic	4	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Cu Copper	4	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Pb lead	4	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Sb Antimony	4	5 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Zn Zinc	4	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Co Cobalt	4	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Ni Nickel	4	1 PPM	HN03-HCL HOT EXTR	PLASMA EMISSION SPEC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	4	2 -150	4	CRUSH,PULVERIZE -150	4

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

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

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
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Geochemical Lab Report

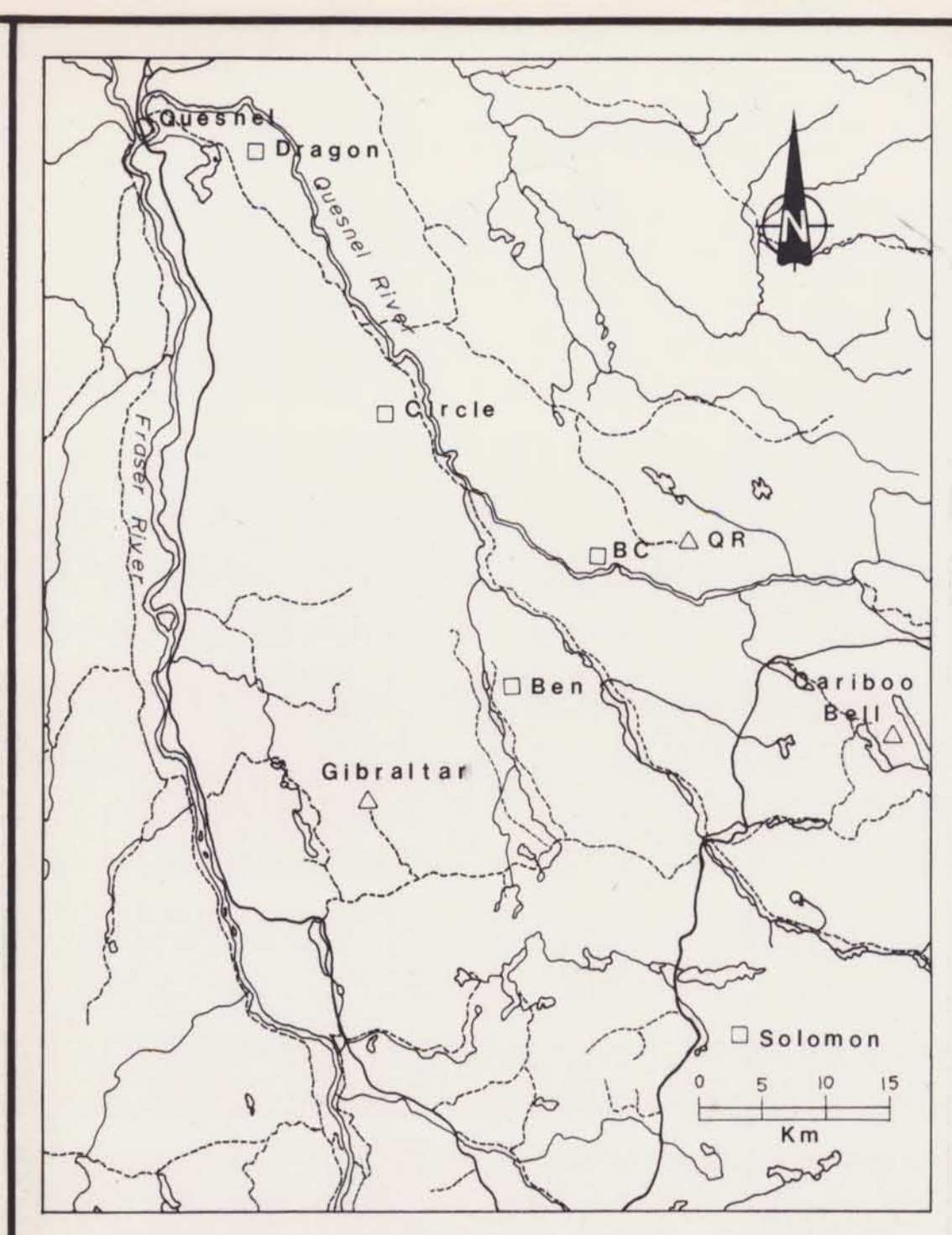
REPORT: V88-08629.0

PROJECT: 88A

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPR	Ag PPM	As PPM	Cu PPM	Pb PPM	Sb PPM	Zn PPM	Co PPM	Ni PPM
R2 70851		<5	<0.5	40	4	12	<5	8	2	5
R2 70957		<5	<0.5	28	40	56	6	20	48	1012
R2 70958		<5	<0.5	38	70	12	<5	38	6	33
R2 70959		<5	<0.5	52	83	15	6	55	16	34

BC PROPERTY ... PROJECT: 88B

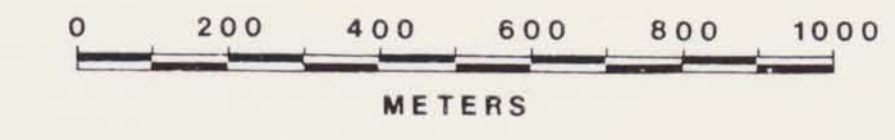


- LEGEND**
- ROCK UNITS**
- Pleistocene and Recent**
- 17 Glacial debris and valley fill.
- Tertiary and Quaternary**
- 18 Plateau basalt; olivine basalt flows and breccia.
- Jurassic and Cretaceous**
- 19 Quartz monzonite, granodiorite, quartz diorite.
- QUESNEL RIVER GROUP (FORMERLY TAKLA GROUP)**
- Jurassic**
- 14 Conglomerate (local granitic clasts), greywacke, shale.
- Triassic and Jurassic**
- 12 Syenite, monzonite, diorite; sub-volcanic intrusive phases, probably mainly Lower Jurassic.
 - 13 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 siccite, minor bioclastic.
 - 5 Chert.
- CACHE CREEK GROUP**
- Pennsylvanian and/or Permian**
- 4 Limestone, orange weathering dolomite.
 - 3 Argillite, shale.
 - 2 Chert.
 - 1 Greenstone.

- SYMBOLS**
- X 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**
- | | | | |
|------|------------------------------|-----|---------------|
| Sil | Silica. | Py | Pyrite. |
| Mar | Apple green malapropite. | Cpy | Chalcocypite. |
| Chl | Chlorite. | Apy | Arsenopyrite. |
| Carb | Orange weathering carbonate. | Py | 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.
- Values indicated at sample sites (Aras):
 Au: 1/5, 1/4 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 MTS sheet. Topographic contours in feet above sea level. Contour interval is 100 feet. Map orientation is true North.

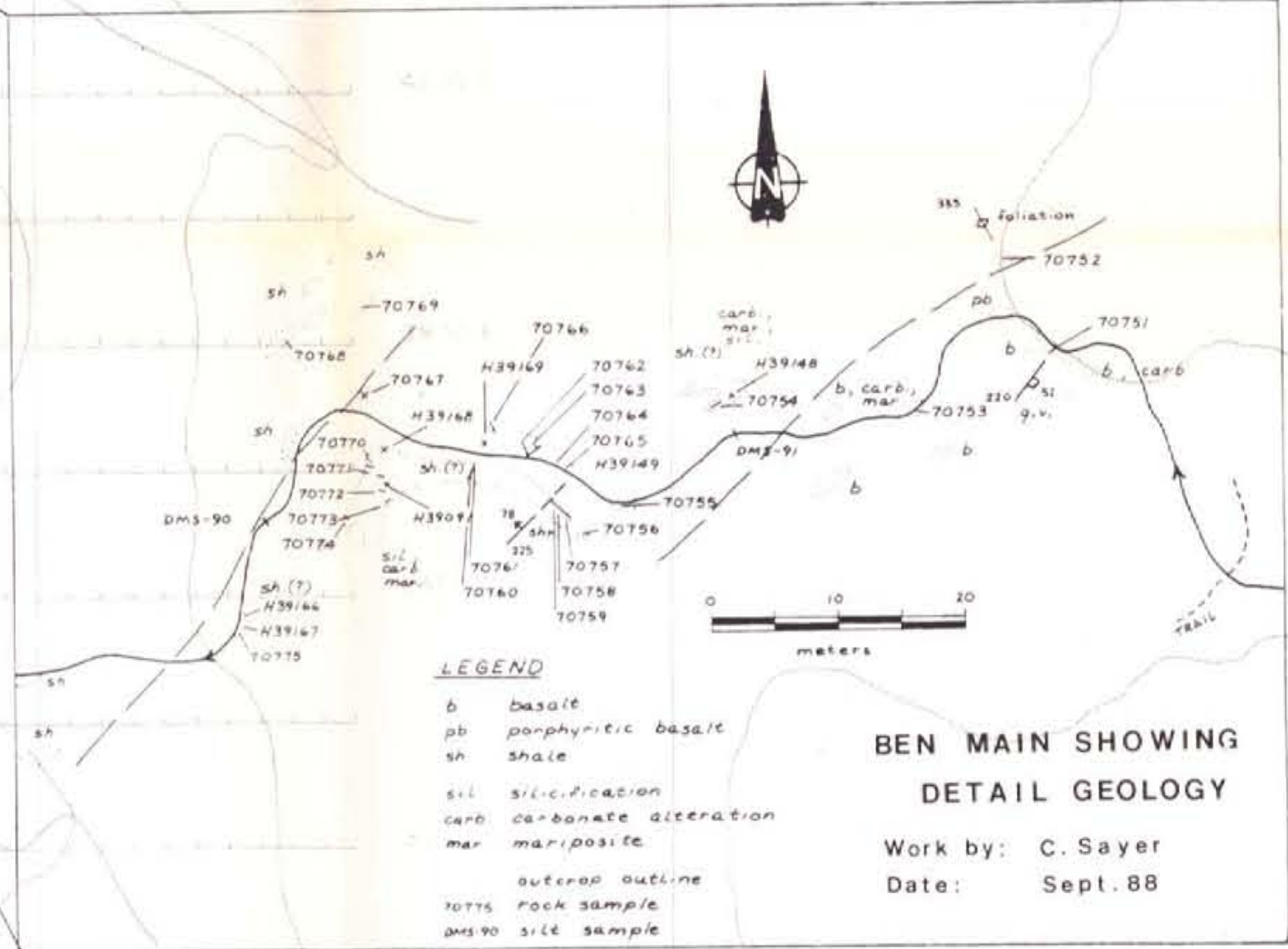
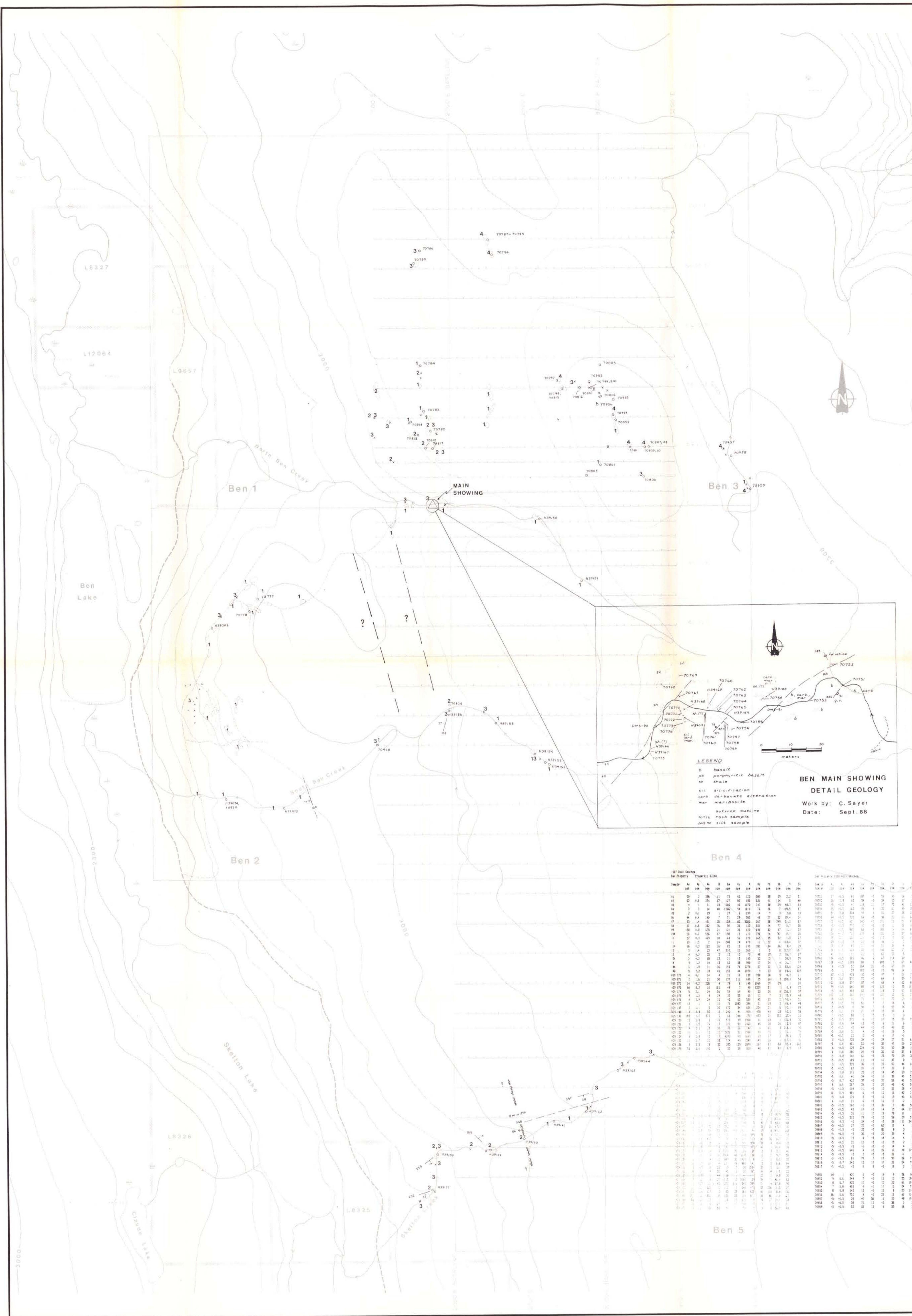
GEOLOGICAL BRANCH ASSESSMENT REPORT

18,674



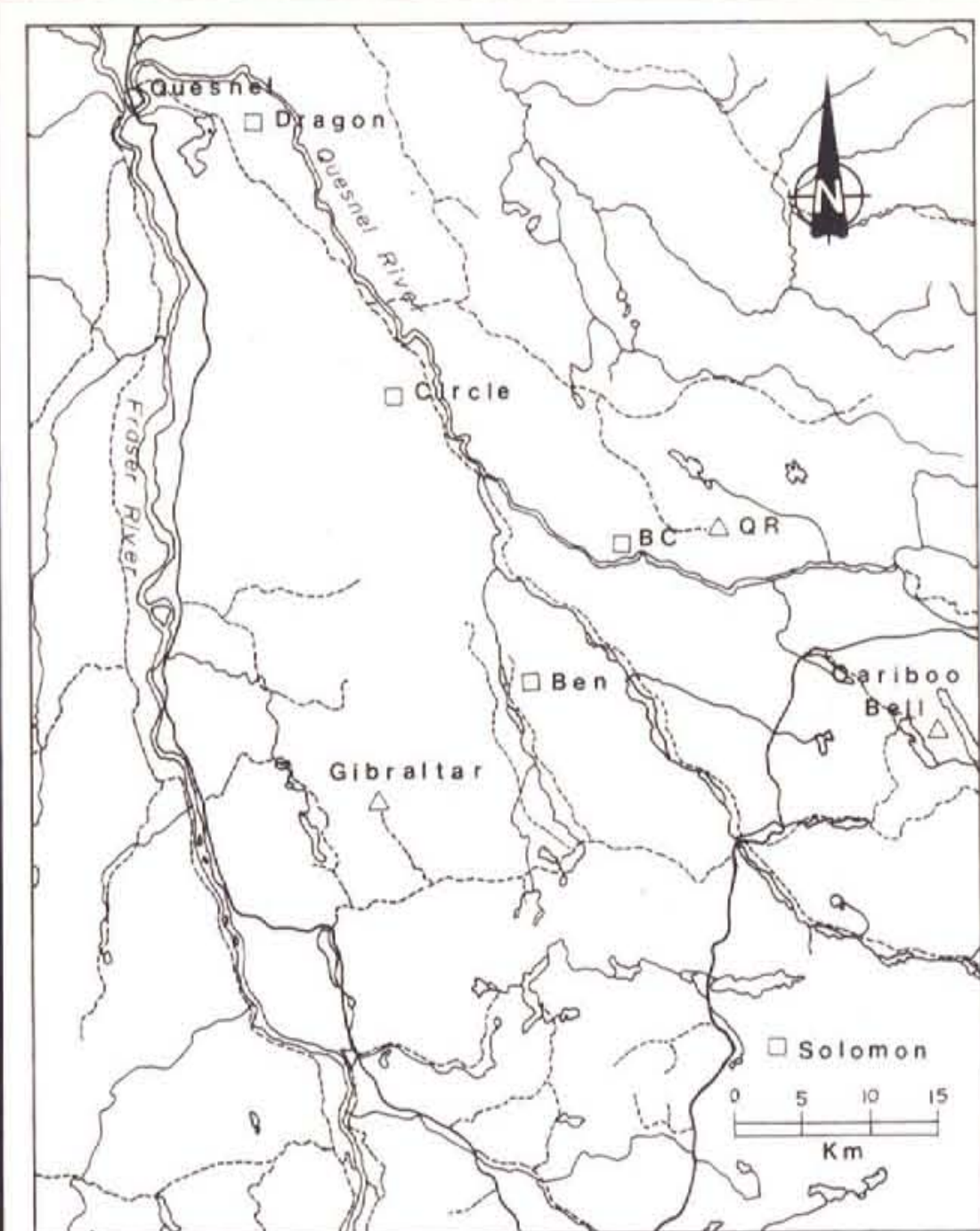
CIRCLE RESOURCES LTD.
QUESNEL PROJECT
BEN PROPERTY
GEOCHEMISTRY
 Gold, Arsenic, Antimony

PROJECT NO: 8724 H. 88A	NTS: 93 B / 9	SCALE: 1:10 000
DRAWN BY: BF, DM	DATE: NOV. 88	
REVISED BY:	DATE:	
APPROVED BY:	DATE:	



- LEGEND**
- a Basalt
 - pb porphyritic basalt
 - sh Shale
 - sil Siliceous siltstone
 - cs Carbonaceous siltstone
 - ms mafic gneiss
 - au Aulacogenic Breccia
 - pcg Porphyritic gneiss
 - 70776 ROCK SAMPLE
 - 70775 SILIC SAMPLE

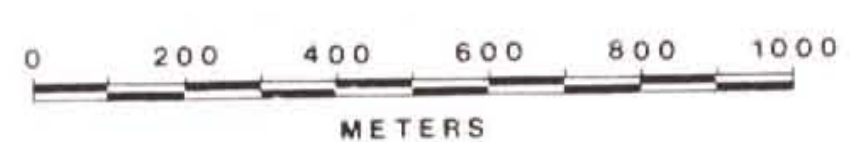
Sample	Lat	Long	Elev	Dip	Strike	Remarks
70776	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70777	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70778	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70779	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70780	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70781	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70782	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70783	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70784	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt
70785	58° 00' 00"	128° 00' 00"	2100	30°	N 60° E	Basalt



- 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 block granitic clasts, greywacke, shale
- Triassic and Jurassic
- 13 Gneiss, monzonite, diorite; sub-volcanic intrusive phases, probably mainly Lower Jurassic
 - 12 Massive basalt
 - 11 Augite porphyry basalt
 - 10 Fragmental basalt; basaltic breccia
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 - 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**
- | | |
|----------------------------------|--------------------|
| sil Silica | py Pyrite |
| mar Apple green malpaisite | cpy Chalcocopyrite |
| chl Chlorite | apy Arsenopyrite |
| carb Orange weathering carbonate | pyr Pyrrhotite |
| fl Fluorite | sph Sphalerite |
| sp Spinite | gal Galena |
| st Stibnite | |
- Map Symbols
- o Rock sample site
 - Soil sample site
 - Silic sample site
 - Heavy mineral sample site
- Value(s) indicated at sample sites (where):
- ms No sample taken at site
 - Legal corner post and claim boundary
- Note: Same map taken from photo enlargement of 1:50,000 scale 7.5' sheet. Topographic contours in feet above sea level. Contour interval is 100 feet. Map orientation is true North.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

18,674



**CIRCLE RESOURCES LTD.
QUESNEL PROJECT**

**BEN PROPERTY
GEOLOGY**

PROJECT NO: 8724 H-88A	NTS: 93B/9	SCALE: 1:10,000
DRAWN BY: BF, DM	DATE: DEC. 88	
REVISED BY:	DATE:	
APPROVED BY:	DATE:	