



**DIAMOND DRILLING
ASSESSMENT REPORT
ON THE
POP #10 AND #34 MINERAL CLAIMS
105 D/3
WHITEHORSE MINING DISTRICT
LAT: 60° 11'N
LONG: 135° 17'W**

093631

**TERENCE M. ELLIOTT
SENIOR GEOLOGIST
OMNI RESOURCES INC.
NOVEMBER 8, 1996**

TABLE OF CONTENTS

STATEMENT OF THE LOCATION OF THE THREE (3) DIAMOND DRILL HOLES	3
CORE STORAGE LOCATION	3
STATEMENT OF QUALIFICATION	3
ALLOWABLE ASSESSMENT COSTS	4
(According to the Yukon Quartz Mining Act, Schedule of Representation Work, Section 3(a))	

FIGURES

FIGURE 1: Locations of DDH BC-96-1, PF 96-1 and PF 96-2

APPENDICES

APPENDIX 1: DDH BC 96-1 LOG and ICP Rock Geochemical Results

APPENDIX 2: DDH PF 96-1 LOG an ICP Rock Geochemical Results

APPENDIX 3: DDH PF 96-2 LOG and ICP Rock Geochemical Results

**STATEMENT OF THE LOCATION OF THE THREE (3)
DIAMOND DRILL HOLES**
(See Figure 1)

DDH B/C (Becker-Cochran) 96-1 is located on the north side of Carbon Hill on the POP #10 Claim. Since no claim posts were visible at the location, the hole was approximately tied into the B/C Adit #3 (Lower Adit). B/C 96-1 is approximately 262 feet (80 meters) due north of the portal of Adit #3. It is across Adit Gulley at approximately the same elevation as the Adit.

DDH PF (Porter-Fleming) 96-1 is approximately 120 feet horizontally at 190° (S10°W) from the Porter Adit on the POP #34 claim on the north side of Antimony Creek. The hole collar is approximately at elevation 5170 feet (1576 meters).

DDH PF 96-2 is approximately 394 feet (120 meters) at 085° from DDH PF 96-1. It is 39 feet (12 meters) higher in elevation at 5209 feet (1588 meters).

All drill holes are 4 wheel-drive road accessible.

No claim posts were located to tie in DDH PF 96-1 or DDH PF 96-2.

CORE STORAGE LOCATION

All core from the three (3) diamond drill holes is located in core racks adjacent to Mt. Skukum Mine's old core shacks near the present-day Omni Resources Inc. trailer camp.

Omni Resources Inc. will be contacting the Engineer of Mines with regard to sending selected drill core to the Whitehorse core library in late 1996 or early 1997.

STATEMENT OF QUALIFICATION

I, Terence M. Elliott of #301 - 519 12th Street, New Westminster, British Columbia, Canada, V3M 6V9;

- (1) have graduated from U.B.C., Canada, with a B.Sc. Degree in 1967, and from Stanford University, California, U.S.A with an M.S. Degree in 1973.
- (2) have worked for 20 field seasons in mineral exploration including work in the Yukon beginning in 1979.
- (3) am Senior Geologist employed by Omni Resources Inc. of Vancouver, B.C. and Whitehorse, Yukon.

Terence M. Elliott
Nov. 8, 1996.

ACTUAL ASSESSMENT COSTS
ASSOCIATED WITH POP #10 AND POP #34
CLAIMS MOBILIZATION AND DRILLING

(R) = Receipt attached

MOBILIZATION OF SURFACE DRILL

July 29 to 31, 1996 = 4,274.65 (R)

DDH B/C 96-1 (POP #10 Claim)

Total length of hole = 2912 feet

DRILLING CHARGES
Aug. 1 to Sept. 3, 1996 = 110,146.87 (R)

CORE ANALYSIS CHARGES
Acme Labs, Vancouver
54 Samples @ \$21.51/Sample = 1,161.54

GEOLOGICAL SUPERVISION &
CORE LOGGING
Aug. 3 to Sept. 3, 1996. 32 days @ \$230/day = 7,360.00

GEOLOGICAL ASST.
for core prep; splitting & storage
@ \$150/day (32 days) = 4,800.00

CAMP COSTS (4 Diamond Drillers,
1 Geologist & 1 Geol. Asst.)
@ \$30 per man day x 194 man days = 5,820.00

Subtotal: \$133,563.06

DDH PF 96-1 (POP #34 Claim)

Total length of hole = 917 feet

DRILLING CHARGES
Sept. 9 to Sept. 16, 1996 = 30,259.48 (R)

CORE ANALYSIS CHARGES
Acme Labs, Vancouver
13 Samples @ \$21.51/Sample = 279.63

GEOLOGICAL SUPERVISION &
CORE LOGGING
Sept. 9 to Sept 16, 1996. 7½ days @ \$230/day = 1,725.00

GEOLOGICAL ASST.
for core prep; splitting & storage
@ \$150/day (7½ days) = 1,125.00

CAMP COSTS (4 Diamond Drillers,
1 Geologist & 1 Geo. Asst.)
@ \$30 per man day x 45 man days = 1,350.00

Subtotal: \$34,739.11

DDH PF 96-2 (POP #34 Claim)

Total length of hole = 757 feet.

DRILLING CHARGES
Sept. 16 to Sept. 21, 1996 = 27,205.82 (R)

CORE ANALYSIS CHARGES
Acme Labs, Vancouver
5 Samples @ \$21.51/Sample = 107.55

GEOLOGICAL SUPERVISION &
CORE LOGGING
Sept. 16 - Sept. 20, 1996. 4½ days @ \$230/day = 1,035.00

GEOLOGICAL ASST.
for core prep; splitting & storage
@ \$150/day (4½ days) = 675.00

CAMP COSTS (4 Diamond Drillers,
1 Geologist & 1 Geol. Asst.)
@ \$30 per man day x 27 man days = 810.00

Subtotal: \$29,833.37

TOTAL ASSESSMENT COSTS: = \$198,135.54



August 15, 1996
Invoice #3456
Drill: CHD-1

IN ACCOUNT WITH

Omni Resources Inc.,
316 - 744 West Hastings Street,
Vancouver, B. C.
V6C 1A5

Mobilization of Surface Drill July 29 to 31, 1996: (Wheaton River/Surface)

Tractor D-7

6 machine hrs. @ \$130.00 per hr. = \$ 780.00

July 30/96

Moving

12 man hrs. @ \$35.00 per hr. = \$ 420.00

Waterline

10 man hrs. @ \$35.00 per hr. = \$ 350.00

July 31/96

Moving

12 man hrs. @ \$35.00 per hr. = \$ 420.00

Waterline

2 man hrs. @ \$35.00 per hr. = \$ 70.00

J.P. Larouche/Truck Hours

July 29/96

4 truck hrs. @ \$85.00 per hr. = \$ 340.00

July 30/96

9 truck hrs. @ \$85.00 per hr. = \$ 765.00

July 31/96

10 truck hrs. @ \$85.00 per hr. = \$ 850.00 \$ 1,955.00 \$ 3,995.00

G.S.T. 10155 7122RT @ 7% \$ 279.65

Total Invoice \$ 4,274.65

FAXED
Aug 23/96

pd
BM 0050
aug 29/96





August 15, 1996
Invoice #3455
Drill: CHD-1

IN ACCOUNT WITH

Omni Resources Inc.,
316 - 744 West Hastings Street,
Vancouver, B. C.
V6C 1A5

Drilling Charges August 1 to 15, 1996: (Wheaton River/Surface)

Hole: BC-1/-70/HQ-NQ

Moving

32 man hrs. @ \$35.00 per hr. = \$ 1,120.00

Fishing Rods

10 man hrs. @ \$35.00 per hr. = \$ 350.00
5 machine hrs. @ \$21.00 per hr. = \$ 105.00 \$ 455.00

Reaming Cave

2 man hrs. @ \$35.00 per hr. = \$ 70.00
1 machine hr. @ \$21.00 per hr. = \$ 21.00 \$ 91.00

Waterline

48 man hrs. @ \$35.00 per hr. = \$ 1,680.00

Testing

10 man hrs. @ \$35.00 per hr. = \$ 350.00
5 machine hrs. @ \$21.00 per hr. = \$ 105.00 \$ 455.00

Travelling Time

60 man hrs. @ \$35.00 per hr. = \$ 2,100.00

Casing

0 - 20 = 20 ft. @ \$24.00 per ft. = \$ 480.00

Coring

20 - 705 = 685 ft. @ \$24.00 per ft. = \$16,440.00
705 - 917 = 212 ft. @ \$23.00 per ft. = \$ 4,876.00 \$21,316.00 \$27,697.00

Tractor-D-7

11 machine hrs. @ \$130.00 per hr. = \$ 1,430.00

Propane from Whitehorse Stock

4 refills @ \$50.00 each = \$ 200.00

Items Consumed & Chargeable

122 bags Quik Gel @ \$15.00 each = \$ 1,830.00
57 bags Poly Gel @ \$15.00 each = \$ 855.00
3 pails Lub Tub @ \$160.00 each = \$ 480.00
2 pails Rod Grease @ \$92.00 each = \$ 184.00 \$ 3,349.00

Sub Total \$32,676.00

G.S.T. 10155 7122RT @ 7% \$ 2,287.32

Total Invoice \$34,963.32

#9122

*pd 28,701.27
Aug 29
Bm CA 0050*



August 31, 1996
 Invoice #3472
 Drill: CHD-1

IN ACCOUNT WITH

Omni Resources Inc.,
 316 - 744 West Hastings Street,
 Vancouver, B. C.
 V6C 1A5

Drilling Charges August 16 to 31, 1996: (Wheaton River/Surface)

Hole: BC-1/-70/HO-NO

Testing

24 man hrs. @ \$35.00 per hr. = \$ 840.00
 12 machine hrs. @ \$21.00 per hr. = \$ 252.00 \$ 1,092.00

Travelling Time

64 man hrs. @ \$35.00 per hr. = \$ 2,240.00

Coring

917 - 1000 = 83 ft. @ \$23.00 per ft. = \$ 1,909.00
 1000 - 1500 = 500 ft. @ \$25.00 per ft. = \$12,500.00
 1500 - 2000 = 500 ft. @ \$27.00 per ft. = \$13,500.00
 2000 - 2500 = 500 ft. @ \$29.00 per ft. = \$14,500.00
 2500 - 2727 = 227 ft. @ \$31.00 per ft. = \$ 7,037.00 \$49,446.00 \$52,778.00

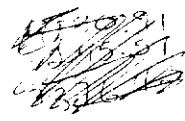
Items Consumed & Chargeable

209 bags Quik Gel @ \$15.00 each = \$ 3,135.00
 176 bags Poly Gel @ \$15.00 each = \$ 2,640.00
 5 pails Rod Grease @ \$92.00 each = \$ 460.00 \$ 6,235.00

Sub Total \$59,013.00

G.S.T. 10155 7122RT @ 7% \$ 4,130.91

Total Invoice \$63,143.91



*pd. 8/23/96
 ch. BM 0078
 \$122,753.92
 2122*



September 15, 1996
Invoice #3484
Drill: CHD-1

IN ACCOUNT WITH

Omni Resources Inc.,
316 - 744 West Hastings Street,
Vancouver, B. C.
V6C 1A5

Drilling Charges September 1 to 15, 1996: (Wheaton River/Surface)

Hole: BC-1/-70/NO

Waterline

21 man hrs. @ \$35.00 per hr. = \$ 735.00

Conditioning Hole

22 man hrs. @ \$35.00 per hr. = \$ 770.00

11 machine hrs. @ \$21.00 per hr. = \$ 231.00 \$ 1,001.00

Testing

28 man hrs. @ \$35.00 per hr. = \$ 980.00

14 machine hrs. @ \$21.00 per hr. = \$ 294.00 \$ 1,274.00

Standby

16 man hrs. @ \$35.00 per hr. = \$ 560.00

Travelling Time

19 man hrs. @ \$35.00 per hr. = \$ 665.00

Coring

2727 - 2913 = 186 ft. @ \$31.00 per ft. = \$ 5,766.00 \$10,001.00

Hole: PF-1/-45/NO

Moving

77 man hrs. @ \$35.00 per hr. = \$ 2,695.00

Reaming Casing

4 man hrs. @ \$35.00 per hr. = \$ 140.00

2 machine hrs. @ \$21.00 per hr. = \$ 42.00 \$ 182.00

Waterline

10 man hrs. @ \$35.00 per hr. = \$ 350.00

Conditioning Hole

2 man hrs. @ \$35.00 per hr. = \$ 70.00

1 machine hr. @ \$21.00 per hr. = \$ 21.00 \$ 91.00

Travelling Time

68 man hrs. @ \$35.00 per hr. = \$ 2,380.00

Casing

0 - 10 = 10 ft. @ \$24.00 per ft. = \$ 240.00

Coring

10 - 897 = 887 ft. @ \$23.00 per ft. = \$20,401.00 \$26,339.00

PAID OCT 03 1996





E. CARON DIAMOND DRILLING LTD.

7 Roundel Road Whitehorse, Yukon Y1A 3H3

Phone (403) 668-2424 FAX (403) 668-4520

Items Consumed & Chargeable

Hole: BC-1

33 bags Quik Gel @ \$15.00 each = \$ 495.00

28 bags Poly Gel @ \$15.00 each = \$ 420.00

6 bags Calcium @ \$56.00 each = \$ 336.00

Hole: PF-1

102 bags Quik Gel @ \$15.00 each = \$ 1,530.00

78 bags Poly Gel @ \$15.00 each = \$ 1,170.00 \$ 3,951.00

Sub Total \$40,291.00

G.S.T. 10155 7122RT @ 7% \$ 2,820.37

Total Invoice \$43,111.37



September 21, 1996
Invoice #3489
Drill: CHD-1

IN ACCOUNT WITH

Omni Resources Inc.,
316 - 744 West Hastings Street,
Vancouver, B. C.
V6C 1A5

Drilling Charges September 16 to 21, 1996: (Wheaton River/Surface)

Hole: PF-1/-45/NOTesting

8 man hrs. @ \$35.00 per hr. = \$ 280.00
4 machine hrs. @ \$21.00 per hr. = \$ 84.00 \$ 364.00

Travelling Time

4 man hrs. @ \$35.00 per hr. = \$ 140.00

Coring

897 - 917 = 20 ft. @ \$23.00 per ft. = \$ 460.00 \$ 964.00

Hole: PF-2/-45/NOMoving

56 man hrs. @ \$35.00 per hr. = \$ 1,960.00

Reaming Cave

4 man hrs. @ \$35.00 per hr. = \$ 140.00
2 machine hrs. @ \$21.00 per hr. = \$ 42.00 \$ 182.00

Testing

6 man hrs. @ \$35.00 per hr. = \$ 210.00
3 machine hrs. @ \$21.00 per hr. = \$ 63.00 \$ 273.00

Travelling Time

40 man hrs. @ \$35.00 per hr. = \$ 1,400.00

Casing

0 - 20 = 20 ft. @ \$24.00 per ft. = \$ 480.00

Coring

20 - 757 = 737 ft. @ \$23.00 per ft. = \$16,951.00 \$21,246.00

Tractor Hours

Sept 16 3 hrs.
Sept 20-21 10 hrs.
13 hrs. @ \$130.00 per hr. = \$ 1,690.00

Loader Hours

Sept 21 6 hrs. @ \$85.00 per hr. = \$ 510.00

\$28237.30

PAID OCT 17 1996

BM 0094

2122





E. CARON DIAMOND DRILLING LTD.

7 Roundel Road Whitehorse, Yukon Y1A 3H3

Phone (403) 668-2424 FAX (403) 668-4520

Items Consumed & Chargeable

67 bags Quik Gel @ \$15.00 each	= \$ 1,005.00	
65 bags Poly Gel @ \$15.00 each	= <u>\$ 975.00</u>	<u>\$ 1,980.00</u>
Sub Total		\$26,390.00
G.S.T. 10155 7122RT @ 7%		<u>\$ 1,847.30</u>
Total Invoice		<u>\$28,237.30</u>

PAID OCT 17 1996



FIGURE 1: Locations of DDH BC-96-1, PF 96-1 and PF 96-2

105D-3 QUARTZ & PLACER

LATITUDE 60° 00' 60" 15"

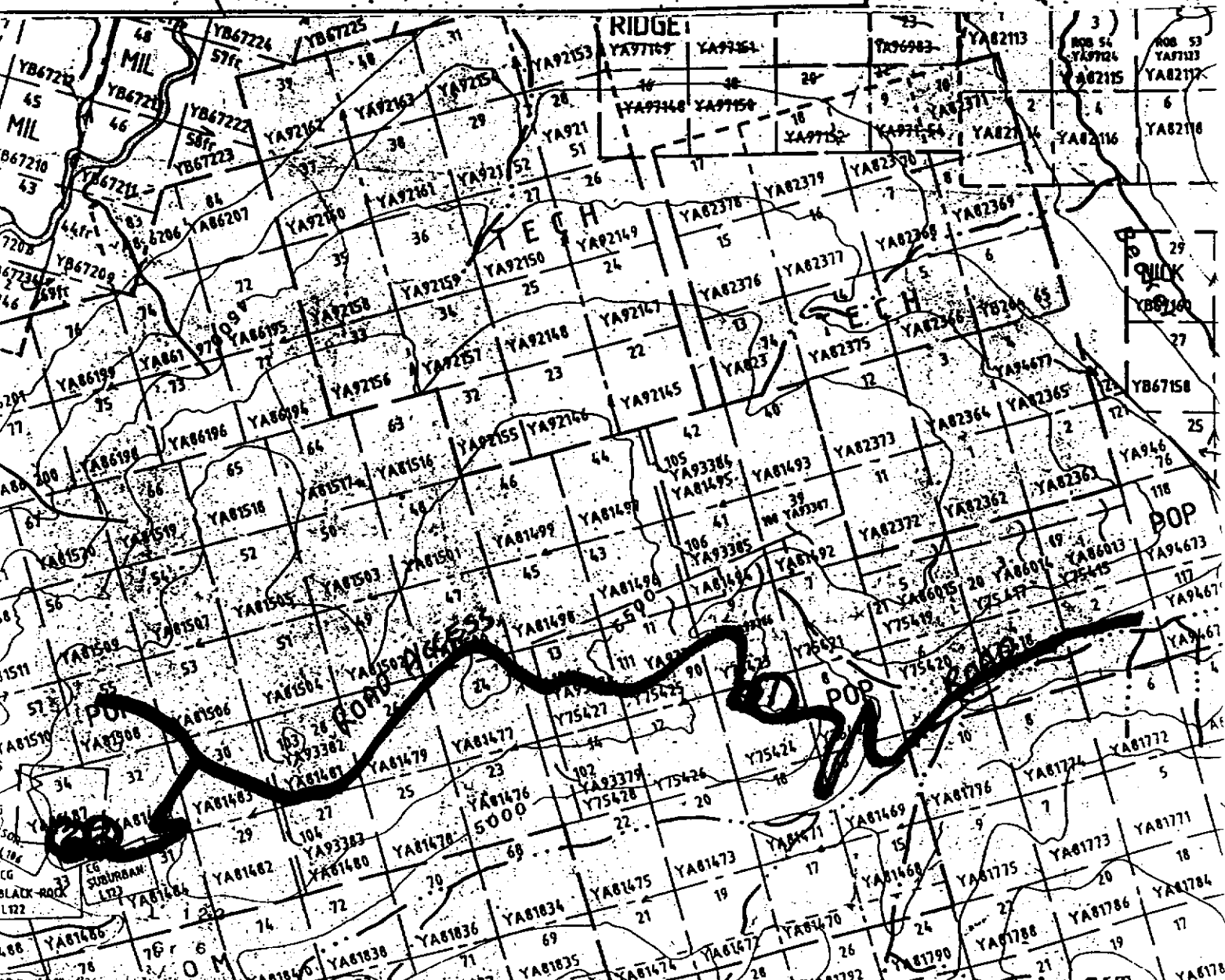
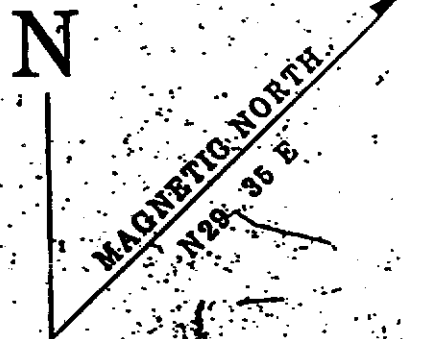
LONGITUDE 135° 00' 135° 30"

ISSUED UNDER THE AUTHORITY OF THE MINISTER
OF
INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

SCALE 1:30,000



FIGURE 1:
LOCATIONS OF
DDH BC 96-1,
PF 96-1 and PF 96-2
① = BC 96-1
② = PF 96-1
③ = PF 96-2



APPENDIX 1: DDH BC 96-1 LOG and ICP Rock Geochemical Results

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au ^{g/t} ppb	Ag ^{g/t} ppb		
57.00	85.25	<u>Bennett Granite</u> - pink, pale green - as above, but very hard, more potassic, abundant epidote, solid core. Kspar megacrysts to 6cm, av. ~ 1%. Mottled colour & texture. <u>Structure:</u> Very hard, solid core, no cleavage. Minor ductile shears to 5cm wide. Hematite-healed fractures locally abundant. <u>Alteration:</u> Probable potassic (Kspar) flooding. Abundant epidote, weak calcite. No mafics preserved. Weak sericite. Minor clay on fractures. Local chlorite.	2	2	2	0	0	2	2	99.9									
		<u>Mineralization:</u> Strong hematite. Weak pyrite, < 1%. Trace galena and sphalerite in shears w/ epidote @ 72.0m + chlorite, calcite, hematite	2	3	2	1	0	2	2	99.9	100055		71.90	72.90	1.00	< 1	404		
85.25	93.55	<u>Andesite Dyke</u> - grey-green w/ pink phenos, light green phenos 15-25%. Pink Kspar? phenos euhedral-subhedral, 10-20%, to 6mm. Green phenos (epidote) 5-10%, anhedral-subhedral, to 3mm. Variable texture & comp. green fig. matrix. <u>Structure:</u> Very hard, solid core, no cleavage, irreg. contacts ~ 20°. Calcite-hem. frac./veinlets common. <u>Alteration:</u> Very hard - Kspar flooding? Abundant epidote, minor chlorite, weak calcite + cal. veinlets. Weak sericite. <u>Mineralization:</u> Weak to mod. hematite. Local dissem. py. << 1%. Calcite-hem. veinlets common. Rare Q eyes to 3mm.	3	3	1	0	0	2	1	99.7									

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
93.55	104.10	<u>Bennett Granite</u> - pink and green -similar to 57.00m, but rare fspar megacrysts → replaced by epidote. Local Kspar - flooding, but epidote +/- chlorite, calcite is most abundant. Mottled colour + texture. <u>Structure:</u> Solid, v. hard core, no cleavage. Fractures common, w/ calcite, clay, hem. coating + chlor. local indistinct breccia texture. <u>Alteration:</u> local pink Kspar flooding. Local strom. epidote, mod. chlorite, weak calcite. Weak sericite. <u>Mineralization:</u> Mod. hematite. Dissem. pyrite <1%	2	3	2	1	0	2	2	99.7								
104.10	112.30	<u>Bennett Granite</u> = sheared, green -sericitic bleaching adjacent to Q-sulphide breccia veins w/ minor clay/gouge seams <u>Structure:</u> Solid hard core, local heterolithic breccia (healed) esp. 108.6 - 109.1m, 111.0 - 111.8m. Minor gouge/clay coated fractures. <u>Alteration:</u> Local sericite-pyrite (no calcite) esp. below 108m. Local chlorite-epidote-calcite. Sericitic altn. is locally texture-destructive.	2	2	3	2	1	3	3	98.7								
		<u>Mineralization:</u> Local remnant hematite, pyrite common 1-2%. Quartz breccia veins w/ pyrite, fig. grey sulphides (ground pyrite?), trace chalcocopyrite.	2	3	2	2	1	3	3	98.6	100056	106.60	108.00	1.40	2	544		
			1	2	3	1	1	3	3	98.7	100057	108.00	109.30	1.30	<1	226		
			1	2	2	0	0	2	3	99.9	100058	109.30	110.80	1.50	<1	298		
		Q.V. @ 106.9-107.1m, 108.6-108.8m, 111.3-111.6m.	2	2	3	1	1	3	3	98.7	100059	110.80	112.30	1.50	2	618		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t	Ag g/t	
112.30	159.10	<u>Bennett Granite</u> - pink, Kspar megacrystic - relatively fresh - mafics locally black, local magnetite. Kspar megacrysts locally 3%, up to 4cm, Q grains to 5mm. Structure: Solid, very hard core. Minor, narrow ductile-brittle shears 45° \wedge @ 123.3m 5cm gouge seam 35° \wedge @ 128.10m Fault - very poor recovery 130.18m - 132.59m only 15cm redrilled rubble. Alteration: Local fresh hornblende. Local pink Kspar flooding. Plag. locally pale green, sericitic but still hard. Epidote abundant, dissem. above ~120m, but mostly in veinlets below 120m. Mod. chloritization of hb. above 120m trace below. Weakly calcareous, + calcite veinlets	2	3	1	1	0	1	1	99.8							ppb	ppb
		Mineralization: Stibnite in narrow shears w/ epidote, chlorite, hematite @ 123.3m, 124.6m Hematite abundant. Pyrite dissem. < 1%. Dissem. magnetite in fresh-looking rock.	2	3	1	0	0	2	2	99.7	100060	122.80	124.30	1.50	< 1	407		
		155.7 - 159.1m - commonly bleached, abundant irreg. hematitic fractures. Narrow clay/gouge seam ~30° \wedge at lower contact.	2	3	1	0	0	2	2	99.7	100061	124.30	125.30	1.00	< 1	776		
159.10	160.20	<u>Andesite Dyke</u> - Plagioclase-Hornblende Porphyry - dark green, top 40 cm bleached light green - 10% white-green 4mm euhedral plag., 5% 2mm black hb. phenos. Structure: Solid hard core, no cleavage, irreg. sheared contacts ~20° \wedge .	3	1	3	1	0	2	2	99.8	100062	158.80	160.50	1.70	< 1	549		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
159.10 (continued)	160.20	Alteration: Weak phyllic, stronger near top, bleached. Calcareous. Weak clay in brittle sheared det. Mineralization: Pyritic Q.V. at contacts - white & grey Q. Dissem. py. ≤ 1%. Hem. & limonite on fracs.																
160.20	179.80	Bennett Granite - pink & green - locally fresh, more bleached and hematitic below ~ 175m Structure: solid, very hard core, no cleavage Alteration: Local Kspar flooding. Weak sericite - plagioclase still hard. Calcareous. Weak chlorite, trace epid. Mineralization: weak to strong hematite, increasing d/s. Dissem. pyrite < 1%. No magnetite.	3	1	2	1	0	2	2	99.9								
179.80	187.30	Shear Zone - Granite host - ductile-brittle shear breccia w/ multi-lithic fragments, some pyritic Q.V. frags. Structure: Solid core, hard to soft. Wavy mylonitic shear seams, clay/gouge, local breccia. Soft clay alteration. Structures 15°-55° &. Alteration: Bleached clay +/- sericite overprinting harder Kspar (?) alt'n. Weakly to strongly calcareous Mineralization: Hematite in less-sheared domains, Quartz-pyrite veins & dissem. in shears. Minz. Q.V. frags, subrounded, in bria. Q.V. max. 10cm @ 183.0m.	3	1	2	3	0	2	3	99.9	100063	179.80	181.30	1.50	< 1	267		
			3	1	2	3	0	2	2	99.9	100064	181.30	182.80	1.50	2	120		
			3	1	2	3	1	3	3	98.8	100065	182.80	184.30	1.50	2	440		
			3	1	2	2	0	3	2	99.10	100066	184.30	185.80	1.50	< 1	227		
			3	1	2	3	0	3	3	99.10	100067	185.80	187.30	1.50	2	372		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phylic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
187.30	193.40	<u>Bennett Granite</u> - pale green - weak alteration, structure, mineralization - solid core, moderate hardness, irreg. narrow shears - weak sericitic bleaching, weak clay, weak to mod. calcite - weak pyrite, hematite, veining	2	1	2	2	0	2	2	99.9								
193.40	214.88	<u>Andesite Dyke</u> - grey-green (med., light, dark) 20% 1-2mm feldspar phenos	3	2	2	1	0	1	1	99.9								
		<u>Structure</u> : top 1.7m is breccia texture w/ more felsic matrix (w/ @ eyes), some granite and minz. Q.V. frags. Top contact 30° \nwarrow .	3	2	2	0	0	2	2	99.10	100068		193.30	195.10	1.80	<1	221	
		<u>Alteration</u> : Calcareous. Local weak sericite, chlorite.																
		<u>Mineralization</u> : Dissem. pyrite << 1%. Trace hematite. Trace magnetite. Irreg. calcite veinlets at low core angles.																
		<u>Note</u> : Rods stuck at ~ 710' - lost bit, core barrel, tube with core + 20' rods. Core recovered to 705'. Rods blasted, recovered 680' of rods. Wedge at 680', reduce to NQ. 3° Wedge. Core recovered is all very solid, no indications of problem rock.																

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
206.65		Start of wedged NQ core.																
206.65	233.80	Andesite Dyke - as at 193.4m - grey-green. 5-20% 1-2m. pale fspar phenos Solid, mod. hard core. .9 RQD, full recovery, nothing to cause drilling problems. Xenolith of Granite 226.4-227.2m. Structure: Breccia zone - granitic fragments (subangular-subround) in f.g. green andesitic matrix at lower contact 232.2-233.8m. Alteration: weak propylitic (green), calcareous. Possible weak sericite. Mineralization: Local weak magnetite. Dissem py, << 1%, except in contact breccia ~1%. Breccia has rare Q.V. fragments.	3	2	1	1	0	1	1	99	1.0							
233.80	262.00	Bennett Granite - pink, green - typical, 1% Kspar megacrysts Structure: Solid, very hard core. Local fracture network healed by calcite-hematite veinlets. Mismatch @ 261.21m, redrilled w/ poor recovery 25% - 261.21m. Change to 10' core barrel tube @ 261.21m. Alteration: Very hard, pink - possible Kspar-flooding. Local weak-mod. sericite, - waxy green plagi, still hard. Mafics commonly chloritized, calcareous. Mineralization: Weak to mod. hematite, Dissem. pyrite < 1%. Weak Qtz. veining.	3	2	2	1	2	2	2	99	.8							

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phylic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb
262.00	267.40	<u>Andesite Dyke</u> - dark grey-green, locally feldspar porphyritic (+ glaucophanitic) - euhedral plag. laths to 3mm, white + green. <u>Structure:</u> Solid, mod. hard core. No fabric. Contacts at 45° + 25° ↗. Granite xenolith 263.0-264.7m <u>Alteration:</u> Calcareous. Weak chloritization. Weak sericitic alt'n. of plag. <u>Mineralization:</u> Local magnetite. Weak pyrite < 1%. Trace hematite.	3	2	1	1	0	1	1	99.9							
267.40	277.80	<u>Bennett Granite</u> - pink + green, typical <u>Structure:</u> Solid, very hard core. Sheared near lower contact <u>Alteration:</u> Possible Kspar-flooding. Weak chloritization of mafics. Weak sericitization of plag., stronger bleaching 272.8-274.3m w/ Q.V.'s. <u>Mineralization:</u> Weak py. + hem. Narrow (< 3cm) Q.V.'s ~ 40° ↗ 272.8-274.3m.	3	2	2	1	1	2	1	99.9							
		Ductile-brittle shear w/ sericite-clay-calcite-pyrite alt'n. Trace gn, sl, cp, w/ Q.V. 293.5-297.8m, ~10° ↗.	3	1	3	2	2	2	2	99.10	100071	293.50	294.50	1.00	<1	352	430
297.80	302.80	<u>Andesite Dyke</u> - pale grey-green - 1% green fsp phenos., aphanitic - fig. matrix <u>Structure:</u> Solid, mod. hard core. Contacts irreg., ~10°, 20° ↗. <u>Alteration:</u> Weak sericitic bleaching. Locally calcareous. <u>Mineralization:</u> Pyrite < 1% in dissem. + veinlets. Narrow white Q-cc. veinlets.	2	1	3	1	0	2	1	99.9							

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
302.80	319.25	Bennett Granite - green, sericitic -andesite dykes 312.7-313.2m, 316.2-316.4m. Structure: Solid, mod. hard core. 7cm sericitic ductile shear 15° * @ 311.2m. Alteration: Green sericite (tchlorite?) replaces mafics, plag., most Kspar megacrysts. Calcareous. Abundant Q veinlets → local minor silicification Mineralization: Pyrite common, ≤ 1% in dissem. & Q.V. Abundant grey & white Q.V.'s 15° * also other angles. Local gn, sl.	3	1	3	1	1	2	1	99	.9							
			2	1	3	1	2	3	2	99	1.0	100072	310.90	312.60	1.70	< 1	437	
			2	1	3	1	2	3	2	99	1.0	100073	312.60	314.30	1.70	1	430	
			2	1	3	1	2	3	2	99	1.0	100074	314.30	316.00	1.70	1	636	
319.25	323.31	Andesite Dyke - bleached pale grey-green -abundant Q & cc. veinlets → weak stockwork Structure: Solid, mod. hard core. Brittle sheared contacts 50°, 10° * (sericite + clay). Alteration: Sericitic bleaching. Calcareous. Possible silicification assoc. w/ Q.V.'s. Mineralization: Dissem. py. < 1%. Minor hematite on fractures. Weak Q stockwork, esp. bottom metre.	3	0	3	1	1	3	1	99	1.0							
			2	0	3	1	2	3	2	99	1.0	100075	322.31	323.31	1.00	< 1	520	
323.31	337.20	Bennett Granite - green, phyllic alt'd., local shears. -andesite dyke, irreg. contacts, bleached, 326.6-327.3m Structure: Solid, mod. hard core. Ductile shearing at low *. Alteration: Strong phyllic: micas & feldspars → sericite, local silicification (texture destructive), weak calcite, plus pyrite. Trace clay in sericitic shears. Mineralization: Qtz. veining & silicification w/ 1% pyrite, minor galena + chalcocite (334.9m). Shear, Q.V. 7° * @ 325.0m																
			2	0	4	1	2	3	2	99	.9	100076	323.31	324.84	1.53	5	621	
			2	0	4	1	3	3	2	99	.9	100077	324.84	326.64	1.80	5	2729	
			1	0	4	1	3	3	2	99	.9	100078	334.86	336.51	1.65	2	890	

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t	Ag g/t		
337.20	342.70	<u>Andesite Dyke</u> - dark grey-green, fresh Structure: Solid, hard core. Both contacts 30° ±. Alteration: Weak bleaching near contacts. Weak calcite. Mineralization: Dissem. magnetite. Weak calcite veining. Lithology: Plag. - hornblende porphyry. 1-2mm phenos.	2	1	1	1	0	1	0	99.8									
342.70	360.00	<u>Bennett Granite</u> - green, pink - fsp megacrysts pink, hard Structure: Solid, very hard core. Local weak fabric, esp. 354-357m. 20cm bxia healed by andesite dyke @ 346.5m. Narrow shears (2mm) ~ 60° ± common. Alteration: Weak to mod. sericitization of plag. & mafics. Local Kspar-flooding, esp. 352-357m. Weak calcite. Mineralization: Dissem. py. << 1%. Hematite common as dissem. & on fractures.	1	1	2	0	1	2	1	99.9									
360.00	377.50	<u>Andesite Dyke</u> - dark grey-green, fresh - similar to 337.2m - 10-20% 1-3mm anhedral plag. phenos. 5-10% 1-2mm hb. phenos. Structure: Solid, hard core. Upper contact ~ 70° ±, lower 30° ±. Alteration: Weak calcite. Chlorite? Weak bleaching near contacts. Mineralization: Dissem. magnetite common. Calcite veinlets.	2	1	1	1	0	1	0	99.7									
377.50	396.10	<u>Bennett Granite</u> - green, minor pink - andesite dyke, bleached, contacts @ 50° & 15° ± 390.35-391.6m. - similar to 323.3m	3	0	4	1	2	3	2	99.8									

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb
377.50	396.10	Structure: Solid, hard core. Ductile shearing (continued) common, various orientations. Late brittle shears w/ clay-calcite ~ 30° \mp . Black cataclastic shear 90° \mp @ 385.6m.	2	0	4	1	3	3	2	99.9	100079	379.06	380.09	1.03	11	330	
		Alteration: Strong phyllic alteration, mafics & fspar \rightarrow sericite, Kspar megacrysts locally preserved.	2	0	4	2	1	2	3	99.10	100080	385.23	385.93	0.70	7	278	
		Mineralization: Narrow interval. Q.V.'s common, local silicification. Pyrite common, < 1%.															
396.10	401.80	Andesite Dyke - pale green 20% 1-3mm pale plag. phenos. Structure: Top 80cm is breccia w/ granite frags in andesitic matrix. Both contacts irregular, ~20° \mp . Solid, mod. hard core.	2	0	3	1	0	1	1	99.10							
		Alteration: Weakly bleached (sericitic). Weakly calcareous															
		Mineralization; Trace pyrite. Weak calcite veinlets. Trace mag.															
401.80	409.20	Bennett Granite - sheared, phyllic, green	3	1	4	1	2	2	2	99.10							
		Structure: Sericitic shears common, 30°-60° \mp . Solid, mod. hard core. Lower contact ~ 10° \mp .															
		Alteration: Mod. to strong phyllic: sericite replaces most fspar, mafics. Mod. calcite.															
		Mineralization: Dissem pyrite < 1%. Trace hematite.															
409.20	412.90	Rhyolite Dyke - pale green to tan 5-10% 1mm white plag. phenos	2	0	2	1	0	1	1	99.9							
		Structure: Solid hard core. Lower contact 25° \mp , sericitic.															
		Alteration: Probable sericite (clay). Weak carbonate.															
		Mineralization: Weak cc veinlets, trace pyrite.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb
412.90	416.50	Bennett Granite - sheared, pink & green															
		Structure: Black cataclastic (mylonitic?) shears to 7 cm. true width, 15° - 50° \wedge . Black due to sheared pyrite (?) - similar to Goddell.	3	0	4	1	0	2	3	99	.8	100082	414.00	414.50	0.50	<1	278
		Alteration: Mod. to strong phyllic, esp. near shears. Mod. calcite.	3	0	3	1	0	2	1	99	.8	100083	414.50	415.50	1.00	8	107
		Mineralization: Pyrite < 1%. Hematite locally strong (away from shears).	3	0	4	1	0	2	3	99	.9	100084	415.50	416.50	1.00	1	274
416.50	448.00	Rhyolite Dyke - white, pale green, pink-brown 5-15% 1-3mm white plag. phenos	2	0	3	2	0	2	1	98							
		Structure: Contacts ~50° \wedge . Solid to blocky core, hard. Calcite-clay coating fractures in blocky zones. Flow-banding near contacts. Sericitic shearing common below 442.8m.															
		Alteration: Weak phyllic \rightarrow strong below 442.8m. Sericite-clay-calcite.	2	0	4	1	0	2	2	99	.8	100085	442.84	444.04	1.20	2	219
		Mineralization: Trace pyrite, increasing below 442.8m (<1%). Local v.f.g. hematite \rightarrow pink colour. Very weak veining.	2	0	4	1	0	2	2	99	.9	100086	447.20	448.00	0.80	2	170
448.00	505.94	Bennett Granite - pink, speckled - pink Kspar megacrysts 1-5%	2	0	3	1	1	2	3	99	1.0	100087	448.00	449.00	1.00	5	935
		Structure: Solid, very hard core. Sericitic shears decrease d/s. Black cataclastic shears above 449.0m, similar to 412.9m 5°-40° \wedge .	1	0	2	1	1	2	2	99	.8		449.0	482.19			
		Alteration: Local Kspar flooding. Local black hornblende. Plag. weakly sericitic. Minor green sericitic zones.	1	0	3	1	2	2	3	98	.5	100088	504.44	505.94	1.50	8	501
		Mineralization: Pyrite < 1%. Mod. hematite. Trace magnetite. Trace gm, sl, cp. in Q.V. @ 448.0m. 10cm bx. dyke 35° \wedge @ 495.6m.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au _{gr}	Ag _{gr}
																ppb	ppb.
505.94	535.84	<u>Granite cut by Heterolithic Breccia Dykes</u>	1	1	2	1	1	2	2	98.5	100089	505.94	507.60	1.66		5	235
		- granite commonly has spaced cleavage	2	1	2	1	2	2	2	99.7	—	507.60	512.90				
		minor faults + shears, and ~10% of interval	2	1	3	1	2	3	3	99.8	100090	512.90	514.40	1.50		5	418
		is heterolithic breccia dyke. Bxia frags are	3	1	2	1	2	2	2	98.7	—	514.40	535.84				
		angular to subround granite, andesite, Qtz. in															
		bands to 50 cm w/ irreg. contacts.															
		- andesite dykes at 518.5-519.3m, 525.8-526.7m															
		are cut by breccia dykes.															
		- breccia matrix is mod. hard, grey-green, v.f.g., weakly															
		calcareous pyritic ($\leq 1\%$).															
		<u>Structure:</u> Ductile-brittle shear common, local spaced															
		cleavage, incipient brecciation, breccia dykes.															
		Solid to blocky core, mod. hard.															
		<u>Alteration:</u> Weak to strong phyllic. Local fairly fresh															
		granite w/ black hornblende.															
		<u>Mineralization:</u> Dissem. py. $< 1\%$. Hematite common.															
		Trace magnetite. Pyritic shear w/ grey Q.V.															
		tr. sphalerite @ 513.0m, $\sim 30^\circ \mp$.															
535.84	548.62	<u>Andesite Dyke</u> - dark grey-green, plag.-hb.	3	1	1	0	0	0	0	99.7							
		porphyry - 15% 1-3mm pale plag. phenos, 10% black															
		1-2mm hb. phenos.															
		<u>Structure:</u> Solid, mod. hard core, Irregular contacts.															
		<u>Alteration:</u> Mod. calcite. Trace propylitic, phyllic.															
		Trace clay on fractures.															
		<u>Mineralization:</u> Weak magnetite. Weak calcite veinlets.															
		Trace hematite, pyrite.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t	Ag g/t		
548.62	551.87	<u>Rhyolite Dyke - Quartz Porphyry</u> - pale green, 10% 1-3mm euhedral-subhedral Q eyes <u>Structure:</u> Lower contact 50° ±, solid, v. hard core. Local flow banding, variable orientation. Cut by ~1cm irreg. bxia dykelet. <u>Alteration:</u> Weak-mod. phyllic (?) - cut by sericitic shears. Calcareous. <u>Mineralization:</u> Rare Q veinlets, trace py.	3	0	2	0	0	1	1	99.9									
551.87	558.40	<u>Granite - grey green, weak to mod. shearing</u> <u>Structure:</u> Ductile-brittle sericitic shearing common, minor faults (healed) common, local weak cleavage (incipient brecciation?) <u>Alteration:</u> Sericitic shears, but plag. fresh to weakly sericitized. Matrix sericitic +/- chloritic (?) Calcareous. <u>Mineralization:</u> Weak pyrite (< 1%), minor hematite, weak veining.	3	2	2	1	0	2	2	99.8									
558.40	587.10	<u>Andesite Dyke - Plagioclase-Hornblende Porphyry</u> 20% Plag. 5% Hb. phenos, plus 3% 1-10mm white calcite blebs. Grey-green. <u>Structure:</u> Solid, fairly hard core. Contacts ~ 40° ±. <u>Alteration:</u> Strong calcite. Black hb. - very weak alteration. <u>Mineralization:</u> Weak calcite veining. Trace magnetite.	4	1	0	0	0	1	0	99.10									

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Ag _{gt} ppb	Ag _{gt} ppb
587.10	600.55	<u>Bennett Granite - weak to strong shearing</u>	2	1	3	1	1	2	2	99	.8	—	587.1	593.5			
		<u>Structure:</u> Solid, mod. hard core. Minor narrow sericite-clay-calcite brittle shears. Ductile sericitic shears v. common, locally pyritic. Black pyritic cataclastic shears common 593.5-596.9m	2	0	4	2	1	2	2	98	.6	100091	593.50	594.90	1.40	13	1674
			2	0	4	1	1	2	3	99	.7	100092	594.90	595.90	1.00	8	685
			2	0	4	1	1	2	3	99	.9	100093	595.90	596.90	1.00	11	5909
		<u>Alteration:</u> Weak to strong phyllic, strongest in center of unit. Weak alin. at upper contact.	2	1	3	1	1	2	2	99	.9	—	596.90	600.55			
		<u>Mineralization:</u> Disseminated pyrite <1% except 593.5-596.9m ~2%.															
600.55	602.97	<u>Rhyolite Dyke - Quartz Porphyry - pale green</u> ~5% 1-2mm euhedral @ eyes	1	0	3	1	1	1	1	99	1.0						
		<u>Structure:</u> Solid, hard core. Contacts 50°, 80° & weakly sheared. Narrow sericitic shears.															
		<u>Alteration:</u> Moderate sericite w/ minor calcite, trace clay.															
		<u>Mineralization:</u> Very weak veining, pyrite <1%															
602.97	619.82	<u>Bennett Granite - mottled grey-green</u> -andesite dykes 606.3-607.3m, 611.7-611.9m	3	1	3	1	1	2	2	99	.9						
		<u>Structure:</u> Solid, hard core. Narrow sericitic shears common.															
		<u>Alteration:</u> Mod. phyllic. Calcareous. Local remnant propylitic.															
		<u>Mineralization:</u> Weak veining, Pyrite <1%. Pyritic black shear ~45° & 5cm wide @ 605.5m															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Ag at ppb	Ag at ppb		
619.82	629.20	Andesite Dyke - Plagioclase-Hornblende Porphyry - dark grey, fresh-looking. Structure: Solid, hard core. Irregular contacts. 40cm andesite-healed breccia w/ granite frags @ 622.9m Alteration: Fresh, black hb., hard plag. Calcareous. Mineralization: Local mod. magnetite. Minor hematite. Trace pyrite. Local calcite veins.	3	1	1	1	0	1	1	99.9									
629.20	634.50	Bence# Granite - mottled grey-green. - weak to mod. shearing & alteration - typical - solid core, local sericitic shearing & alteration - weak veining, pyrite ≤ 1%	3	1	3	0	1	2	2	99.9									
634.50	639.95	Quartz-Feldspar Porphyry - green matrix - euhedral Qtz., Kspar & Plag. - 5-10% 1-3mm Qtz., 5-10% 1-4mm white plag., 5-10% 1-5mm orange-pink Kspar phenos - 1m sheared granite xenolith @ 635.5m Structure: Solid, hard core. Irreg. contacts ~ 40°-60° ±. No fabric in dyke Alteration: Fresh-looking, hard matrix and feldspars. Mineralization: Dissem. magnetite common. Weak calcite veinlets.	1	1	1	0	1	1	1	99.10									
* 639.95	643.07	Sheared Granite - includes Pyritic Shear Zone from 641.45 to 642.47m. Mottled grey to grey-green. Structure: Intense cataclastic shearing w/ sericite, local strong pyrite (except bottom 60cm). Fabric 35° to 65° ±, chaotic to brecciated in center of zone.	2	0	4	0	1	2	3	99.10	100094		639.95	641.45	1.50	125	2422		
			1	0	4	0	1	2	4	99.8	100095		641.45	642.47	1.02	121	1144		
			2	0	3	0	1	1	1	99.10	—		642.47	643.07					

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au ^{g/t} ppb	Ag ^{g/t} ppb	
639.95	643.07	Alteration; Mod. to intense phyllic: sericite - (continued) (pyrite - quartz).																
		Mineralization: Highly variable pyrite - first interval ~2%, 2nd interval ~15%, bottom 60cm <1%. No exotic sulphides observed. Weak Q veining.																
643.07	644.15	Rhyolite Dyke - pale green, sheared - no phenocrysts noted	1	0	4	0	1	1	1	99	10							
		Structure: Solid, hard core. Irreg. contacts & internal fabric ~ 40°-60° ±.																
		Alteration: Strong sericite (+ silicification?).																
		Mineralization: Trace pyrite. Local v. hard siliceous patches.																
644.15	653.20	Bennett Granite - grey-green w/ pink Kspar - quite fresh-looking, 2-5% Kspar megacrysts	1	1	2	0	0	2	1	99	10							
		Structure: Solid, very hard core. Narrow sericitic shears minor. Other healed shears & faults common.																
		Alteration: Weak to mod. sericization of plag. Mafics generally black.																
		Mineralization: Weak Q-c. veinlets. Local hematite, magnetite, pyrite < 1%.																
653.20	664.60	Andesite Dyke - grey-green, fig. - deformed by weak shearing (sericitic) - solid, hard core.	2	1	2	0	1	2	1	99	10		653.20	659.00				
		Irreg. contacts lower has granite xenoliths	2	1	2	0	2	3	1	99	10	100096	659.00	660.50	1.50	12	5705	
		Alteration: Weak bleaching (sericite - Q-corr.)																
		Mineralization: Irreg. Q-corr. veining. Trace pyrite. Local hematite, magnetite.	2	1	2	0	1	2	1	99	10		660.50	664.60				

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
664.60	720.00	Bennett Granite - grey, green, pink - 5% pink Kspar megacrysts to 4 cm. - pale green sheared sericitic rhyolite dykes 681.4-682.3m, 684.5-685.0m, irreg. contacts. Structure: Solid, v. hard core. Healed minor faults + shears common. Alteration: Weak to mod. sericitization of plag. Matrics commonly black, locally bleached. Mineralization: Local mod. hematite. Dissem. magnetite in freshest rock. Pyrite << 1%. Weak veining (Q-cc)	W	1	2	0	0	2	1	99	.9							
720.00	761.00	Bennett Granite - grey-green - small areas similar to above, but mostly more sericitic Structure: Solid, hard core, block 737.0-739.0m Healed sericitic shears common. Individual sericit w/ rounded white Q frags (1-2 cm) 0-20° to 737.0m. - 20cm ser.-py.-cc. vein, 20° E 749.6m, cut by gypsum veins. Alteration: Strong to weak phyllic - minor - fresh patches w/ pink Kspar + black matrics → green sericitic plag, Kspar + matrics. Calcareous.	3	1	3	0	1	2	1	99	.9	—	720.00	737.00				
		Mineralization: Weak pyrite << 1%. Hematite common. Minor magnetite in near-mag. veinlets. Weak veining except at 749.6m.	2	0	4	1	1	3	2	98	.6	100097	737.00	738.30	1.30	* 4	1063	
		* 737.1-737.9m: Breccia vein w/ granitic white Q fragments, grey-green Q-rich matrix, in center is white Q v. w/ bladed barite, accessory py. + stibnite + chalcopyrite (± possible other sulph. desc.). Q-hem veinlets later cut by vein. Minor sericitic-clay-cc. brittle shears	3	1	3	0	1	2	1	99	.9	—	738.30	761.00				

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au grt ppb	Ag grt ppb		
761.00	762.00	Andesite Dyke - grey, irregular contacts Structure: Solid, hard core. Ductile-brittle shearing. Alteration: Locally quite fresh → sericitic bleaching. Local black hb, white plag. Mineralization: Magnetite common. Tr. hem., weak py. Weak 2-cc. veinlets	2	0	2	0	0	1	2	99	10								
762.00	795.73	Bennett Granite - green, grey, pink - 5% pink Kspar megacrysts - quite fresh, w/ black hb. Structure: Solid, very hard core. Minor sericitic shears. Alteration: Weak sericitic → green plag, still hard. Local narrow sericitic (- clay - calcite) w/ shearing. Mineralization: Pyrite < 1%. Magnetite common. Rare, narrow (~3mm) veinlets w/ galena epithermal pyrite, sericitic @ 777.0m, 781.6m, 783.5m	2	1	2	0	1	1	1	99	9								
795.73	804.50	Andesite Dyke - speckled grey-green - quite fresh-looking. Indistinct granophyric text. Structure: Solid hard core. Contacts ~ 30°, 45° & No fabric. Alteration: Weak to mod. propylitic → chlorite, tr. epid. Weak local bleaching → po = green. Mineralization: Trace pyrite, hematite, weak calcite veinlets. No magnetite noted.	2	3	1	0	0	1	1	99	8	100098	781.00	782.00	1.00	7	1072		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
804.50	811.50	<u>Bennett Granite</u> - pink, grey-green - fresh-looking, cut by breccia zones w/ sericitic matrix, local silicification Structure: Solid, v. hard core. Narrow ductile → brittle shears, breccia. Narrow dykelet @ 808.5m in breccia. Alteration: Ksp is pink, fresh. Plag. is green but hard. Mafics locally black, often bleached. Mineralization: Weak veining, trace pyrite in sericitic shears. Grey silicified zone 810.3-810.9m. Trace magnetite veins, Hematite common.	2	0	2	0	2	1	1	99	.9							
			2	0	3	0	3	3	2	99	.7	100099	810.10	811.10	1.00	2	129	
811.50	819.70	<u>Andesite Dyke</u> - as at 795-73m - speckled grey-green, fresh-looking - irregular contacts	2	2	1	0	0	1	1	99	.8							
819.70	821.23	<u>Bennett Granite</u> - pink-grey, "fresh" 5% pink Ksp megacrysts. - bottom 30cm green, sericitized	2	0	2	0	1	1	1	99	1.0							
821.23	822.10	<u>Andesite Dyke</u> - grey-green → pale green - dyke as at 811.50m, with bottom 30cm bleached sericitic, w/ bright green fuchsite (?) replacing mafics - irregular contacts	3	2	2	0	0	1	1	99	.9							
822.10	823.20	<u>Breccia Dyke w/ Sericitic Shears</u> - heterolithic dyke w/ fragments of rhyolite and andite dykes, granite + other small frags of exotic liths. Rounded to subangular fragments 1mm → 10cm																

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
822.10 (continued)	823.20	Structure: Solid, hard core. Ductile green sericite shear zones to 2cm wide $\sim 45^\circ \&$, may be rhyolitic flow-banded dykes replaced by sericite (?) Alteration: Breccia matrix is v. hard, grey, f.g. - Qtz, or rhyolite (?) Quartz-sericite (-pyrite) alter. Mineralization: Q veins & silicification moderate, w/ py. < 1%.																
823.20	878.10	Rhyolite Dyke - white to pale grey - aphanitic w/ indistinct blebs, local white plagioclase to 2mm, rare Q eyes - flow banding $\sim 45^\circ \&$ in top 1.5m, bottom 1.0m Structure: Solid, hard core. Local weak crackle fracturing healed, 50cm clay gouge seams & fractures @ 854.0m Alteration: Very hard, possible silicification. Weak sericite. No calcite noted. Mineralization: Barren. Rare trace py., hem. Rare veinlets Q. cc.	1	0	3	1	3	2	2	99	1.0/100/100		822.10	823.20	1.10	3	164	
878.10	879.60	Breccia Dyke w/ Sericitic Shears - similar to 822.10m - pink-grey & light green - fragments mostly rhyolitic, variable textures colors - matrix is v. hard, grey, rhyolite or Qtz. Structure: Solid, v. hard core. Waxy green sericite shear zones to 5cm $\sim 45^\circ \&$. Alteration: Qtz-sericite-pyrite. Mineralization: Pyrite $\leq 1\%$. Possible Qtz. barren matrix.	1	0	3	1	3	2	2	99	9/100/101		878.10	879.60	1.50	17	1250	

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
879.60	887.58	Rhyolite Dyke - pink-grey w/white speckles - crowded feldspar porphyry - 20% 1-3mm white plag. subhedral phenocrysts ↳ (+ green)																
		Structure: Solid, v. hard core. Local brecciation, healed by sericite-pyrite.																
		Alteration: Weak to mod. phyllic. Plag. white → green (fairly hard). No calcite noted. Possible silicification (?).	1	0	3	1	2	1	2	99	1.0	100/02	879.60	880.90	1.30	6	323	
		Mineralization: Pyrite in dissem. & sericitic shears ≥ 1%.	1	0	3	1	2	2	2	99	.9	100/04	885.00	886.25	1.25	13	1053	
		887.58m, 2912' E.O.H.																



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B %	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb	SAMPLE lb
B 100051	2.6	315.2	538.9	4456.4	2849	10	14	1008	3.04	9.4	<5	3	115	35.69	122.2	2.5	21	1.47	.080	13	13	.39	39<.01	<2	.83	.03	.31	4	<.2	7926	4.4	<.2	1.7	1	12	
B 100052	332.8	39.3	224.0	613.5	2143	12	12	1016	2.75	21.7	12	5	76	6.95	3.2	3.2	5	2.07	.044	6	7	.52	23<.01	2	.43	.01	.29	3	<.2	606	1.3	.9	<.5	8	14	
B 100053	13.2	21.4	84.3	162.4	500	7	10	713	2.49	32.2	11	4	103	1.12	5.5	.4	4	1.34	.070	7	8	.31	23<.01	3	.52	.01	.25	2	<.2	248	.6	.5	.5	2	9	
B 100054	10.5	24.3	65.4	118.8	413	9	7	563	1.97	22.6	10	5	102	.98	6.2	.3	4	1.11	.056	8	9	.16	31<.01	<2	.47	.01	.23	3	<.2	255	.4	.4	.6	4	15	
B 100055	1.6	17.6	454.3	756.0	404	5	4	722	1.41	14.2	<5	5	111	5.79	4.5	.1	15	2.14	.050	11	17	.37	212<.01	<2	.69	.04	.17	4	<.2	566	2.4	.3	2.2	<1	10	
B 100056	73.9	31.2	238.7	237.7	5414	7	5	877	1.54	5.9	<5	5	74	2.54	10.7	9.3	8	1.59	.057	16	22	.27	325<.01	<2	.83	.03	.32	4	<.2	287	.8	.8	1.5	2	13	
B 100057	12.3	15.3	17.2	89.4	226	7	7	735	1.80	20.6	<5	6	47	.20	4.8	.4	10	.65	.050	14	18	.64	188<.01	<2	.97	.03	.21	2	<.2	73	<.3	.3	2.7	<1	17	
B 100058	21.0	53.2	17.1	114.3	298	8	6	730	1.65	10.1	<5	4	55	.27	10.8	.6	12	.57	.054	11	26	.67	401<.01	<2	1.09	.04	.22	4	<.2	237	<.3	<.2	2.9	<1	14	
B 100059	43.6	25.9	58.5	113.8	618	5	6	672	1.58	6.6	<5	4	100	1.01	3.4	1.1	10	1.41	.049	11	16	.48	228<.01	<2	.86	.03	.20	3	<.2	144	.3	.4	2.3	2	14	
B 100060	11.4	19.8	82.6	636.4	407	7	6	804	1.39	4.4	<5	6	81	5.70	2.6	.3	18	1.73	.054	13	25	.46	267<.01	<2	.79	.05	.17	3	<.2	465	<.3	<.2	3.0	<1	15	
B 100061	.7	14.1	2360.3	2362.3	673	5	6	1086	1.27	11.8	5	5	88	14.59	1.6	.1	15	1.95	.047	11	15	.49	121<.01	<2	.85	.04	.10	5	<.2	1860	4.2	<.2	2.7	<1	11	
RE B 100061	.9	16.7	2622.3	2682.3	792	6	7	1213	1.45	13.1	<5	5	102	16.88	2.2	.1	18	2.24	.054	13	18	.56	138<.01	<2	.99	.04	.12	4	<.2	1889	5.1	.3	2.9	<1	-	
RRE B 100061	1.6	17.7	2830.2	2890.1	852	7	7	1211	1.46	12.0	<5	5	98	18.13	2.1	<.1	17	2.21	.054	13	19	.57	139<.01	<2	.94	.06	.14	3	<.2	2097	6.4	.3	2.9	<1	-	
B 100062	29.4	21.9	45.1	207.0	549	13	10	1373	2.17	2.1	<5	3	171	.55	2.6	.7	19	3.65	.057	20	34	.86	708<.01	52	1.03	.05	.24	2	<.2	34	<.3	<.2	2.2	<1	17	
B 100063	5.8	28.6	29.9	90.1	267	6	6	1045	1.76	5.9	<5	6	208	.27	1.0	.3	16	2.90	.059	14	19	.40	390<.01	2	.62	.05	.24	2	<.2	49	<.3	.2	1.4	<1	14	
B 100064	5.2	10.3	17.9	138.7	120	5	5	1093	1.38	3.1	<5	6	138	.59	1.4	.2	10	2.52	.049	15	26	.38	434<.01	<2	.55	.04	.22	3	<.2	79	<.3	<.2	1.4	2	16	
B 100065	42.1	15.7	26.8	104.0	440	5	4	1090	1.39	4.4	<5	5	161	.55	2.4	.5	3	2.46	.043	12	15	.26	272<.01	<2	.24	.03	.21	3	<.2	87	<.3	<.2	<.5	2	14	
B 100066	6.8	12.9	14.2	48.4	227	6	7	858	1.86	9.4	<5	5	208	.21	.9	.3	11	2.52	.057	14	13	.48	94<.01	<2	.44	.05	.21	3	<.2	23	.3	.6	1.1	<1	15	
B 100067	8.1	12.4	27.8	43.0	372	7	6	722	1.78	22.4	<5	5	139	.20	1.3	.4	5	2.26	.057	15	11	.20	91<.01	<2	.34	.04	.26	3	<.2	45	.4	.4	<.5	2	14	
B 100068	3.7	14.5	17.3	125.5	221	3	9	1139	3.04	5.4	<5	4	228	.18	.9	.4	22	3.54	.072	21	16	.75	343<.01	<2	1.03	.06	.25	<2	<.2	30	<.3	.2	3.1	<1	19	
STANDARD D2/HG-500/AU-R	24.4	125.5	103.0	285.1	1996	32	16	1066	4.53	77.0	22	18	63	2.40	8.6	22.2	79	.78	.111	19	59	1.18	255	.16	26	2.33	.06	.68	14	2.4	540	.4	2.2	7.3	484	-

DDH
BC 96-1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

AA
LL

DDH

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

AA
LL

BC 96-1 BYG Natural Resources Inc. PROJECT OMNI File # 96-4026

Page 1

110 Industrial Road, Whitehorse YT Y1A 2T9 Submitted by: Bill Mann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
B 100069	12.2	44.4	24.5	91.3	511	10	8	911	2.20	13.7	<5	6	102	.14	.6	.6	20	2.79	.055	17	19	.81	188	<.01	<2	1.23	.05	.16	<2	<.2	81	<.3	<.2	4.5	<1
B 100070	9.6	12.5	38.6	84.1	430	6	4	770	1.09	1.9	<5	6	96	.26	1.6	.5	5	2.03	.047	13	20	.20	329	<.01	<2	.54	.03	.25	3	<.2	48	<.3	<.2	1.1	1
B 100071	9.0	22.0	22.1	79.3	352	6	5	1002	1.59	2.5	<5	4	184	.11	.8	.4	7	2.84	.055	13	23	.42	584	<.01	<2	.69	.03	.22	3	<.2	84	<.3	<.2	1.4	<1
B 100072	11.9	24.9	40.0	120.0	437	8	5	1064	1.20	3.3	<5	3	137	.36	3.9	.3	3	2.15	.036	9	27	.47	509	<.01	2	.57	.02	.21	4	<.2	210	<.3	<.2	.8	<1
B 100073	10.8	29.8	25.2	255.8	430	8	7	1456	1.62	4.1	<5	3	110	.85	3.1	.4	5	2.02	.046	12	23	.58	375	<.01	<2	.69	.02	.20	2	<.2	448	<.3	<.2	1.3	1
B 100074	5.5	19.4	31.2	154.9	636	8	5	1041	1.46	2.7	5	6	152	.56	3.3	.4	4	2.34	.049	12	18	.45	278	<.01	2	.76	.03	.21	3	<.2	297	<.3	<.2	1.1	1
B 100075	35.1	117.6	45.2	272.5	520	12	10	1332	2.07	5.6	<5	1	156	.43	20.7	.6	10	2.62	.069	18	24	.74	574	<.01	<2	1.05	.04	.23	<2	<.2	566	<.3	<.2	1.6	<1
B 100076	18.1	33.0	26.5	85.6	621	8	6	788	1.57	5.3	<5	4	167	.15	9.1	1.0	8	1.98	.058	13	19	.52	393	<.01	<2	.92	.04	.24	2	<.2	336	.4	.3	1.6	5
B 100077	53.1	88.3	34.4	105.8	2729	6	5	718	1.42	5.3	9	4	132	.73	14.9	2.0	3	1.85	.048	11	10	.47	211	<.01	<2	.55	.03	.29	2	<.2	907	<.3	.9	1.0	5
B 100078	16.3	54.3	46.0	153.6	890	7	5	802	1.35	17.0	<5	6	98	.47	9.1	.8	5	1.77	.043	13	24	.35	511	<.01	<2	.79	.03	.26	3	<.2	324	<.3	<.2	2.1	2
B 100079	9.1	12.0	31.1	46.3	330	6	3	611	1.21	3.4	<5	4	105	.19	3.1	.2	6	2.07	.025	9	27	.30	621	<.01	<2	.51	.02	.21	4	<.2	68	<.3	<.2	1.5	11
B 100080	13.3	10.1	83.5	58.8	283	8	6	765	1.66	65.4	13	5	181	.23	5.2	.3	5	2.36	.050	14	17	.37	295	<.01	3	.59	.02	.24	3	<.2	433	<.3	.4	1.4	4
RE B 100080	11.7	11.4	77.5	57.1	286	8	6	742	1.60	63.1	11	5	176	.22	5.2	.3	5	2.26	.047	14	18	.36	316	<.01	3	.60	.02	.24	3	<.2	398	<.3	.3	1.3	1
RRE B 100080	13.5	9.8	75.8	64.8	266	7	7	785	1.78	65.0	13	6	193	.18	4.9	.4	5	2.64	.054	16	15	.43	312	<.01	2	.57	.02	.22	2	<.2	314	.3	.2	1.1	15
B 100081	5.0	27.9	87.8	155.6	590	11	11	993	2.41	14.6	<5	2	197	.82	2.8	.9	13	3.24	.068	19	10	.52	157	<.01	<2	.76	.03	.26	<2	<.2	100	1.4	.3	1.9	6
B 100082	2.4	10.2	59.1	48.5	278	7	8	608	1.25	71.2	<5	5	167	.29	4.5	.4	6	1.93	.048	12	21	.53	453	<.01	3	.39	.04	.26	2	.2	333	<.3	<.2	.9	<1
B 100083	1.8	12.6	15.0	36.6	107	6	4	828	1.61	3.0	<5	5	158	.16	3.3	.1	18	2.92	.056	15	23	.31	373	<.01	<2	.40	.05	.27	3	<.2	44	<.3	<.2	1.4	8
B 100084	2.0	7.1	32.4	47.9	274	6	5	919	1.47	84.2	10	5	172	.15	2.9	.2	7	2.97	.050	13	23	.32	574	<.01	<2	.40	.03	.25	2	<.2	357	<.3	<.2	.9	1
STANDARD D2	25.8	130.4	97.6	289.9	2009	32	17	1138	4.63	79.4	24	18	50	2.50	7.9	21.8	82	.89	.110	20	66	1.28	283	.13	31	2.79	.06	.66	13	2.6	490	.6	1.9	7.7	478

Standard is STANDARD D2/HG-500/AU-R.

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: CORE AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 28 1996

DATE REPORT MAILED: *Sept 10/96*SIGNED BY: *C. Leong* .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

AA
LL

BC-96-1

BYG Natural Resources Inc. PROJECT OMNI File # 96-4255 Page 1

110 Industrial Road, Whitehorse YT Y1A 2T9 Submitted by: Bill Mann

AA
LL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
B 100085	13.8	6.1	28.2	43.6	219	3	<1	320	.57	1.7	8	11	18	.24	2.0	.3	1	.39	.002	21	8	.05	12<.01	5	.25	.02	.21	4	<.2	51	<.3	.2	1.1	2	
B 100086	4.0	3.6	26.2	29.3	170	2	<1	386	.39	3.6	<5	7	75	.16	2.1	.2	1	1.18	.009	20	6	.07	31<.01	2	.27	.02	.23	3	<.2	71	<.3	.2	1.0	2	
B 100087	2.6	8.8	72.1	152.2	935	5	7	1106	1.68	121.2	<5	7	239	.75	5.1	1.1	6	1.96	.063	8	7	.32	425<.01	14	.36	.02	.29	2	<.2	1054	<.3	.2	.7	5	
B 100088	1.8	20.9	24.3	57.4	501	5	5	519	1.53	7.1	<5	5	456	.24	20.3	.2	7	1.75	.049	5	9	.43	268<.01	<2	.48	.04	.20	3	<.2	365	<.3	<.2	1.0	8	
B 100089	1.7	9.9	34.4	66.5	235	6	5	624	1.79	27.5	<5	3	336	.17	17.4	.2	9	2.43	.053	13	10	.50	772<.01	<2	.87	.03	.19	3	<.2	192	<.3	<.2	2.4	5	
B 100090	2.2	11.8	40.8	48.9	418	8	6	638	1.61	337.3	<5	6	326	.42	21.8	.2	5	1.70	.049	11	8	.36	185<.01	3	.62	.01	.22	4	<.2	906	<.3	<.2	1.3	2	
RE B 100090	2.0	11.9	36.7	49.6	419	8	6	645	1.61	337.5	<5	5	333	.38	20.4	.2	5	1.71	.050	10	9	.37	197<.01	3	.63	.01	.21	4	<.2	933	.3	.2	1.3	5	

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
- SAMPLE TYPE: CORE AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 4 1996

DATE REPORT MAILED:

Sept 30/96

SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE


 BC 96-1 BYG Natural Resources Inc. PROJECT OMNI File # 96-4369

Page 2

110 Industrial Road, Whitehorse YT Y1A 2T9 Submitted by: Bill Mann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
B 100091	4.8	12.3	53.3	40.3	1674	8	7	869	2.47	101.1	<5	5	388	.64	62.2	.5	8	3.33	.061	8	13	.71	114	<.01	5	.55	.02	.29	5	<.2	840	.4	.3	1.1	13
B 100092	2.9	15.2	41.4	36.4	685	10	7	777	2.06	175.5	<5	5	432	.35	41.6	.4	7	2.64	.057	6	12	.62	82	<.01	3	.43	.02	.26	6	<.2	625	.6	.2	.9	8
B 100093	1.9	14.5	136.8	78.0	5909	9	5	646	1.60	46.3	<5	6	525	1.40	2509.0	.2	7	2.45	.048	9	12	.57	205	<.01	3	.62	.03	.22	4	<.2	2113	.9	.2	.5	11
B 100094	11.9	21.2	78.6	60.0	2422	12	8	646	2.22	50.3	<5	5	129	.88	22.1	2.6	13	2.26	.061	14	12	.70	428	<.01	<2	1.30	.04	.28	3	.2	337	.4	.3	3.9	125
B 100095	6.4	17.7	54.1	46.1	1144	11	8	428	2.05	271.6	<5	4	187	.67	23.8	.5	7	1.50	.061	9	9	.30	53	<.01	<2	.78	.04	.31	4	<.2	620	.8	.2	1.9	121
B 100096	31.4	1791.5	777.4	712.9	5959	13	9	806	2.18	9.8	<5	7	752	20.40	278.1	11.6	17	7.25	.050	12	15	.75	49	<.01	<2	.99	.04	.16	<2	<.2	471	3.7	1.6	3.2	15
RE B 100096	32.0	1812.6	780.3	720.4	6421	11	9	815	2.19	7.9	<5	7	776	20.23	276.8	12.8	17	7.56	.051	12	17	.76	45	<.01	<2	.97	.04	.14	<2	<.2	402	4.0	1.7	3.1	12
RRE B 100096	22.5	1800.2	587.8	557.5	4974	13	10	924	2.44	10.5	<5	7	778	16.87	91.1	10.1	18	7.49	.055	13	17	.85	50	<.01	<2	1.13	.04	.18	<2	<.2	258	3.0	1.4	3.6	9
B 100097	2.0	29.9	161.6	80.1	1063	8	6	1126	2.11	209.8	<5	5	1254	.94	97.8	.7	11	3.41	.041	7	11	.79	115	<.01	2	.86	.02	.17	2	<.2	728	.3	<.2	2.0	4
B 100098	1.5	13.0	993.5	250.1	1072	10	8	889	2.88	17.6	<5	6	220	12.27	4.0	1.0	52	2.93	.079	13	31	1.07	551	.05	<2	1.33	.07	.14	3	<.2	44	2.7	.7	6.2	7

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
 - SAMPLE TYPE: P1 ROCK P2 TO P4 CORE AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

 DATE RECEIVED: SEP 11 1996 DATE REPORT MAILED: *Sept 30/96* SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

BC 96-1 BYG Natural Resources Inc. PROJECT OMNI File # 96-4516 Page 1

110 Industrial Road, Whitehorse YT Y1A 2T9 Submitted by: Bill Mann



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg % ppm	Ba % ppm	Ti % ppm	B %	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
B 100099	1.7	10.6	26.0	84.2	129	8	6	751	1.92	2.0	19	7	283	.23	.5	.2	40	3.47	.074	12	23	.80	92	.01	<2	.99	.05	.11	2	<2	10	.3	<2	4.7	2
B 100100	4.4	9.6	15.8	36.3	164	15	5	483	1.36	9.4	<5	6	105	.23	2.0	.2	6	2.60	.035	25	21	.73	82	<.01	<2	.33	.04	.23	4	<2	<10	<.3	<2	1.1	3
B 100101	5.4	12.8	40.3	58.8	1250	4	2	325	.98	39.4	<5	7	53	.91	4.4	.3	1	.79	.018	26	9	.07	473	<.01	<2	.25	.04	.21	4	<2	<10	<.3	<2	.7	17
B 100102	13.7	5.7	23.2	14.4	323	6	2	195	1.13	4.4	<5	20	22	.13	.9	.3	2	.25	.015	29	14	.07	177	<.01	<2	.21	.04	.16	5	<2	23	<.3	<2	.5	6
B 100103	10.6	3.5	14.7	21.7	223	5	2	305	1.12	3.4	<5	22	35	.15	.6	.2	2	.43	.021	35	10	.13	365	<.01	<2	.22	.04	.15	3	<2	17	<.3	<2	.7	3
B 100104	38.9	10.5	29.7	29.2	1053	7	3	476	1.28	11.9	7	22	108	.26	2.4	3.1	3	1.38	.019	37	14	.21	704	<.01	<2	.28	.04	.21	6	<2	16	<.3	<2	.7	13
B 100105	1.1	11.7	5.7	41.6	119	22	13	672	2.44	5.8	<5	10	139	.16	5.0	<.1	16	3.78	.068	18	11	1.30	808	<.01	2	.32	.01	.21	3	<2	1883	<.3	<2	.5	4
B 100106	<.1	24.9	<.3	53.3	<30	80	26	891	3.82	<.5	8	3	195	<.01	<.2	<.1	34	4.79	.074	14	46	2.48	804	<.01	<2	1.01	.02	.24	<2	<2	221	<.3	<2	<.5	7
B 100107	.9	14.6	8.5	48.2	195	28	15	702	2.74	3.1	<5	8	133	.17	2.4	<.1	22	3.87	.104	22	18	1.38	340	<.01	<2	.38	.02	.24	3	<2	30	<.3	<2	.9	5
B 100108	1.1	11.6	6.3	33.8	40	16	11	560	2.04	2.1	<5	10	142	.13	1.5	.1	18	3.14	.062	22	14	1.15	984	<.01	<2	.33	.03	.21	3	<2	10	<.3	<2	.8	4
RE B 100108	1.1	11.6	5.8	33.3	40	16	10	555	1.99	1.7	5	10	139	.13	1.4	.1	17	3.10	.062	19	16	1.14	939	<.01	<2	.29	.03	.19	4	<2	<10	<.3	<2	.6	4
RRE B 100108	1.0	10.9	5.5	33.5	52	15	10	553	1.97	1.7	<5	10	139	.12	1.5	<.1	17	3.08	.062	20	14	1.13	958	<.01	<2	.29	.03	.19	3	<2	12	<.3	<2	.8	5
B 100109	.5	22.4	14.8	65.2	66	67	27	1041	4.40	1.3	5	5	265	.22	3.1	.1	45	5.44	.143	17	66	2.71	534	<.01	<2	1.59	.02	.21	<2	<2	15	<.3	<2	4.7	4
B 100110	.5	30.4	12.0	66.5	89	88	28	873	4.27	1.5	<5	4	214	.23	1.5	.1	53	4.99	.101	18	91	2.62	115	<.01	<2	2.07	.02	.17	<2	<2	17	<.3	<2	6.0	5
B 100111	.6	21.2	22.4	89.4	94	75	29	1062	4.62	2.2	12	2	266	.27	2.3	.1	46	5.15	.143	20	76	2.69	307	<.01	<2	1.68	.02	.22	<2	<2	83	.3	<2	5.3	5
STANDARD #2/	26.0	134.4	112.6	290.9	2007	36	19	1077	4.28	77.2	17	19	54	2.38	8.9	21.2	84	.78	.107	18	60	1.21	277	.16	30	2.40	.05	.70	18	2.4	512	.7	2.6	7.6	420

Standard is STANDARD D2/HG-500/AU-R.

PF 96-1 ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%. - SAMPLE TYPE: CORE AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 16 1996 DATE REPORT MAILED: Sept 30/96 SIGNED BY: [Signature] D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

APPENDIX 2: DDH PF 96-1 LOG an ICP Rock Geochemical Results

Logged By: <u>W.D. Mann</u>		Field Coordinates:										Core Size: <u>NO</u>						
Property: <u>Porter Fleming</u>		Survey Coordinates:										Hole Length: <u>917' 279.50m</u>						
Target: <u>Below Porter Adit</u>		Azimuth / Dip: <u>010° - 45°</u>					Drilled By: <u>Caron</u>					Downhole Surveys:						
Started: <u>Sept. 9 / 96</u>		Claim: <u>POP 34</u>					Assays By: <u>Acme</u>											
Completed: <u>Sept. 28 / 96</u>		Casing: <u>19'</u>																
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Ag Au ppb	Ag Pt ppb	
0	5.00	Casing - No recovery																
5.00	15.40	Andesite Dyke Zone - Shear Zone w/ ~1.5% Quartz Monzonite (esp. 9.9-11.0m) Structure: - gouge/clay seams common, Ductile - brittle healed shears common. Irregular dyke contacts. Solid to blocky hard core w/ local soft rubbly core. Local carb.-healed crackle bxia. Alteration: Weak to strong phyllic; sericite-py.-Q- carb., plus minor bright green fuchsite in alt'd. dykes. Some grey-green, fresh-looking Andesite. QM is v. hard, silicified locally. Mineralization: Abundant carb. veinlets. Local py., <1% Limonite common near fractures. Minor Q-carb.- py. hem. crackle bx/vein, dark grey, esp. 8.4-9.0m	3	1	3	2	2	2	2	95.2			5.00	15.40				
			2	0	3	3	0	2	1	90	0	100/05	5.18	7.16	1.98	4	119	
			3	1	2	1	1	2	2	95.2		100/06	7.16	8.23	1.07	7	<30	
			2	0	3	1	2	2	2	98.3		100/07	8.23	9.45	1.22	5	195	
			2	0	3	1	2	2	2	98.4		100/08	9.45	11.28	1.23	4	44	
			3	1	2	1	1	2	2	98.2		100/09	11.28	12.50	1.22	4	66	
			3	1	2	1	1	2	2	95.0		100/10	12.50	13.41	0.91	5	89	
			3	0	3	2	1	2	2	90.2		100/11	13.41	15.40	1.99	5	94	
15.40	27.20	Quartz Monzonite - pale grey-green Structure: Solid to blocky, hard core. Ductile - brittle shears common, local clay/gouge coating fractures. Alteration: Strong phyllic; sericite-Q-calcite-py. Probable silicification (weak). Mafics bleached. Plag. waxy green, still quite hard. Mineralization: Weak veining. Diss. py. <1%. Trace hem. Weak limonite on some fractures.	3	1	4	2	3	2	2	97.7								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au, g/t ppb	Ag, g/t ppb		
27.20	28.30	<u>Andesite Dyke</u> - dark grey-green - top 20cm limonite brown <u>Structure:</u> Solid to blocky, hard core. Lower contact ~ 70°± <u>Alteration:</u> Quite fresh. Black mafics. <u>Mineralization:</u> Limonitic fractures.	2	2	1	1	0	2	1	98.3									
28.30	44.60	<u>Quartz Monzonite</u> - pale grey, green, tan - moderate alt'n. & deformation <u>Structure:</u> Solid to blocky core. Green sericitic shear bands common. Local brittle faults w/ gouge/clay - sericite-calcite <u>Alteration:</u> Moderate phyllic: bands of pure sericite, local clay-sericite-calcite gouge. Weak to mod. sericitization of plag. Mafics bleached <u>Mineralization:</u> Weak veining. Pyrite < 1%. Weak limonite on some fractures (limonite rare below this interval). Minor hematite.	3	1	3	2	1	2	1	98.4									
44.60	69.60	<u>Quartz Monzonite</u> - pale green - similar to above, but more solid, much less limonite <u>Structure:</u> Solid to blocky, hard core. Minor soft narrow clay seams (clay-sericite-calcite). Heated irreg. ductile sericitic shears. <u>Alteration:</u> Mod. to strong sericite. Bleached mafics. Calcite mainly in veinlets. Gouge-clay-ser. esp. 56.2-57.0m <u>Mineralization:</u> Weak veining. Pyrite < 1%. Local hematite (esp. in Q-hem. vein 57.0-58.0m low *).	2	1	3	2	1	1	1	98.6			44.6	69.6					
			2	0	3	1	2	2	2	98.3	100	12	57.00	58.15	1.15	< 1	< 30		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb		
69.60	71.30	<u>Brittle Fault Zone</u> - Quartz Monzonite host - soft rubblely core - pale grey-green Structure: Blocky, crumbly core. Gouge/clay seams ~ 90° Φ . Alteration: Clay-sericite. Mineralization: Barren.	1	0	3	3	0	1	1	98	.1								
71.30	75.86	<u>Quartz Monzonite</u> - pale grey-green - altered andesite dyke ~ 20° Φ @ 86.0-87.1m. Structure: Solid, hard core, cut by narrow green ductile sericite shears, irreg. @ low angle Φ . Alteration: Weak to mod. sericitic alt. of plagi, mafics bleached. Sericite shear bands common, weak clay. Minor fuchsite (bright green) in andesite dyke Mineralization: Weak veining. Pyrite << 1%. Trace hem.	1	0	3	1	1	1	1	99	.8								
95.86	99.40	<u>Andesite Dyke</u> - grey-green - indistinct mafic phenos. Structure: Solid, hard core. Sericite-clay brittle shear ~ 70° Φ 98.2-98.5m. Alteration: Weak bleaching near contacts and shear. Calcite veinlets abundant. Chloritized mafics(?) Mineralization: No pyrite noted. Rare narrow Q veinlets, abundant calcite. Hematite weak on fractures. No magnetite noted	3	2	2	1	0	2	0	99	.8	100113	85.60	87.20	1.60	16	230		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb
99.40	144.26	Quartz Monzonite - pale pink, green - 20cm andesite dykes ~45° &, bleached @ 124.3m, 138.9m	2	0	3	2	2	1	1	99	.8	—	99.40	144.26			
		Structure: Solid, mod. hard core. Ductile-brittle. Sericite-clay-(carb.) shears common, 40°-70° &. Weakly blocky 105.8-115.0m															
		Strong ser. shear w/ fuchsite, minor Q-py veinlets 104.4-105.2m	2	0	4	2	2	2	2	79	.8	100/14	104.30	105.40	1.10	<1	75
		Alteration: Mod. to strong phyllic - mafics bleached, plag. weak → strong sericitized. Probable local silicification. Weak calcite + other carbonate (white). Rare fuchsite.															
		Mineralization: Weak veining. Local pyrite, <1%. Hematite common.															
144.26	144.96	Andesite Dyke - pale green w/ bright green fuchsite	2	0	3	0	1	2	2	99	.4	100/15	144.16	144.96	0.80	<1	9585
		Structure: Solid, hard core. Contacts 35°, 40° &. Alteration: Sericite-py. (fuchsite). Carbonate veinlets common.															
		Mineralization: Dissem. pyrite <1%. Minor Q veinlets															
144.96	178.40	Quartz Monzonite - pale green, pink - partially bleached andesite dykes: 148.7-149.9m, 154.5-154.6m, 162.2-163.0m, 171.3-171.4m, 176.2-176.7m	2	0	4	0	2	3	3	99	1.0	100/16	144.96	145.86	0.90	10	9999
		Structure: Solid, hard core. Structures mostly 30°-60° &. Sericite-clay shears common.	2	0	3	0	2	2	2	99	1.0	100/17	145.86	148.00	2.14	<1	923
		Alteration: Locally quite fresh, pink → strong sericite, green. Rare fuchsite in andesite.	2	0	3	1	2	3	2	99	1.0	100/18	148.00	149.00	1.00	3	265
		Mineralization: Local white + grey Q-cc-py veins +/- grey sulphides (?), specular hematite. Local dissem. py., hem.	2	0	4	1	2	3	2	99	.8	—	149.0	171.3			
			2	0	4	1	2	3	2	99	.9	100/19	171.30	172.00	0.70	1	262
			2	0	3	1	1	1	1	99	.9	—	172.0	176.7			
			2	0	4	1	2	3	2	99	1.0	100/20	176.70	178.40	1.70	1	3715

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
178.40	179.87	Andesite Dyke - bleached pale green-tan Structure: Solid, hard core. Contacts 80°-45° \pm . Alteration: Trace relict chlorite. Sericite (fuchsite) bleaching dominant. Mod. carbonate veinlets Mineralization: Trace pyrite.	3	1	3	0	0	2	1	99.7								
179.87	189.00	Quartz Monzonite - mottled pale pink & green - 5cm andesite dyke @ 186.9m Structure: Weak, local sericitic shearing. Solid, hard core. Alteration: Mod. sericite \rightarrow green plagioclase, bleached mafics. Mineralization: Dissem. hem. \rightarrow plnK. Trace pyrite, weak veinlets	2	0	3	1	0	2	1	99.8								
189.00	198.25	Quartz Monzonite w/ Andesite Dykes - dykes 189.0-189.8m, 194.0-195.0m, 197.5-198.25m Structure: Solid, hard core. Blocky 194.0-194.7m. Sericite-clay shears common. Alteration: Mod. sericite. Variable bleaching of dykes. Trace chlorite in dyke centers. Mineralization: Weak veining. Pyrite \approx 1%. Trace galena in 3mm QV. @ 196.6m	2	1	3	1	1	1	1	99.7								
198.25	204.60	Quartz Monzonite - pale green - altered & mineralized. 2cm Andesite dyke at 199.4m Structure: Solid, hard core. Veins, structures \sim 45° \pm . Minor ductile-brittle sericite $\frac{1}{2}$ -clay shears. Alteration: Strong sericite, weak Q-py. -carb. -clay. Mineralization: Q-carb. -py. -hem. -cp. -sl. -gn. (?) veins common, largest 10cm true width, 45° \pm @ 202.0m	2	0	4	0	1	1	1	99.10				198.25	199.7			
			2	0	4	0	2	3	2	99.9	100	121	199.70	201.20	1.50	10	17797	
			2	0	4	1	2	3	2	99.10	100	172	201.20	202.60	1.40	4	4383	
			2	0	4	0	1	1	1	99.10			202.6	204.6				

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb	
204.60	206.40	Andesite Dyke - pale green - bleached & sheared Structure: Solid core. Healed ductile-brittle shearing, 45° ±. Alteration: Pervasive sericite (fuchsite) bleaching. Carbonate veinlets common. Mineralization: Narrow Q veinlets near contacts. Minor py, f.g. grey sulphides.	3	0	3	1	1	2	2	99.9	100	123	204.60	206.40	1.80	<1	10493	
206.40	241.35	Quartz Monzonite - speckled pink & green - less alteration, deformation, mineralization than units above. Structure: Solid hard core. Local sericite +/- clay shears. - andesite dyke ~45° ± 221.7-222.4m Alteration: Moderate sericite, weak Q-py.-carb.-clay. Mineralization: Q-py. shear veinlets near upper contact, rest of unit ~ barren.	2	0	4	1	1	2	2	99.9	100	124	206.40	207.80	1.40	<1	2133	
			2	0	3	1	1	1	1	99.9	—	—	207.8	241.35				
241.35	243.05	Andesite Dyke - grey - weak bleaching Structure: Solid hard core. Lower contact 30° ±. Weak structure. Alteration: Weak sericitic bleaching. Mineralization: Minor carbonate veins. ~ Barren.	2	1	2	0	0	1	1	99.8								
243.05	279.50	Quartz Monzonite w/ Andesite Dykes - mod. alt'n., weak structure & minz. - Andesite dykes bleached grey: 250.7-251.4m, 251.9-252.1m, 255.4-255.5m, 262.1-262.2m, 264.7-265.1m, 268.5-268.6m, 270.5-271.3m, 272.5-273.5m, 273.8-274.1m, 276.4-277.0m. Structure: Dykes at variable orientations. Narrow sericitic (+/- clay) shears locally.	1	0	3	1	1	1	1	99.9								

continued,

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE



BC 96-1 BYG Natural Resources Inc. PROJECT OMNI File # 96-4516 Page 1
 110 Industrial Road, Whitehorse YT Y1A 2T9 Submitted by: Bill Mann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppm
B 100099	1.7	10.6	26.0	84.2	129	8	6	751	1.92	2.0	19	7	283	.23	.5	.2	40	3.47	.074	12	23	.80	92	.01	<2	.99	.05	.11	2	<.2	10	.3	<.2	4.7	2
B 100100	4.4	9.6	15.8	36.3	164	15	5	483	1.36	9.4	<5	6	105	.23	2.0	.2	6	2.60	.035	25	21	.73	82	<.01	<2	.33	.04	.23	4	<.2	<10	<.3	<.2	1.1	3
B 100101	5.4	12.8	40.3	58.8	1250	4	2	325	.98	39.4	<5	7	53	.91	4.4	.3	1	.79	.018	26	9	.07	473	<.01	<2	.25	.04	.21	4	<.2	<10	<.3	<.2	.7	17
B 100102	13.7	5.7	23.2	14.4	323	6	2	195	1.13	4.4	<5	20	22	.13	.9	.3	2	.25	.015	29	14	.07	177	<.01	<2	.21	.04	.16	5	<.2	23	<.3	<.2	.5	6
B 100103	10.6	3.5	14.7	21.7	223	5	2	305	1.12	3.4	<5	22	35	.15	.6	.2	2	.43	.021	35	10	.13	365	<.01	<2	.22	.04	.15	3	<.2	17	<.3	<.2	.7	3
B 100104	38.9	10.5	29.7	29.2	1053	7	3	476	1.28	11.9	7	22	108	.26	2.4	3.1	3	1.38	.019	37	14	.21	704	<.01	<2	.28	.04	.21	6	<.2	16	<.3	<.2	.7	13
B 100105	1.1	11.7	5.7	41.6	119	22	13	672	2.44	5.8	<5	10	139	.16	5.0	<.1	16	3.78	.068	18	11	1.30	808	<.01	2	.32	.01	.21	3	<.2	1883	<.3	<.2	.5	4
B 100106	<.1	24.9	<.3	53.3	<30	80	26	891	3.82	<.5	8	3	195	<.01	<.2	<.1	34	4.79	.074	14	46	2.48	804	<.01	<2	1.01	.02	.24	<2	<.2	221	<.3	<.2	<.5	7
B 100107	.9	14.6	8.5	48.2	195	28	15	702	2.74	3.1	<5	8	133	.17	2.4	<.1	22	3.87	.104	22	18	1.38	340	<.01	<2	.38	.02	.24	3	<.2	30	<.3	<.2	.9	5
B 100108	1.1	11.6	6.3	33.8	40	16	11	560	2.04	2.1	<5	10	142	.13	1.5	.1	18	3.14	.062	22	14	1.15	984	<.01	<2	.33	.03	.21	3	<.2	10	<.3	<.2	.8	4
RE B 100108	1.1	11.6	5.8	33.3	40	16	10	555	1.99	1.7	5	10	139	.13	1.4	.1	17	3.10	.062	19	16	1.14	939	<.01	<2	.29	.03	.19	4	<.2	<10	<.3	<.2	.6	4
RRE B 100108	1.0	10.9	5.5	33.5	52	15	10	553	1.97	1.7	<5	10	139	.12	1.5	<.1	17	3.08	.062	20	14	1.13	958	<.01	<2	.29	.03	.19	3	<.2	12	<.3	<.2	.8	5
B 100109	.5	22.4	14.8	65.2	66	67	27	1041	4.40	1.3	5	5	265	.22	3.1	.1	45	5.44	.143	17	66	2.71	534	<.01	<2	1.59	.02	.21	<2	<.2	15	<.3	<.2	4.7	4
B 100110	.5	30.4	12.0	66.5	89	88	28	873	4.27	1.5	<5	4	214	.23	1.5	.1	53	4.99	.101	18	91	2.62	115	<.01	<2	2.07	.02	.17	<2	<.2	17	<.3	<.2	6.0	5
B 100111	.6	21.2	22.4	89.4	94	75	29	1062	4.62	2.2	12	2	266	.27	2.3	.1	46	5.15	.143	20	76	2.69	307	<.01	<2	1.68	.02	.22	<2	<.2	83	.3	<.2	5.3	5
STANDARD D2/	26.0	134.4	112.6	290.9	2007	36	19	1077	4.28	77.2	17	19	54	2.38	8.9	21.2	84	.78	.107	18	60	1.21	277	.16	30	2.40	.05	.70	18	2.4	512	.7	2.6	7.6	420

Standard is STANDARD D2/HG-500/AU-R.

PF 96-1

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
 - SAMPLE TYPE: CORE AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 16 1996

DATE REPORT MAILED: *Sept 30/96*

SIGNED BY: *C. Leong* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

BYG Natural Resources Inc. PROJECT OMNI File # 96-4929

110 Industrial Road, Whitehorse YT Y1A 2T9 Submitted by: Bill Mann



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
B 100112	.6	7.6	14.7	90.0	<30	6	10	1024	2.54	<.5	<.5	12	176	.25	.6	.1	29	3.03	.088	26	10	1.00	341	.01	<2	.32	.03	.23	<2	<2	<10	<.3	<.2	<.5	<.1
B 100113	.9	7.3	16.7	54.4	230	11	10	644	2.10	55.5	<.5	11	339	.44	.5	<.1	15	2.85	.064	18	10	.98	1144	<.01	<2	.27	.04	.20	<2	<2	30	<.3	<.2	<.5	16
B 100114	.7	15.9	11.0	41.9	75	10	11	695	2.37	6.5	25	12	300	.18	15.5	.1	15	3.60	.079	23	9	1.14	1970	<.01	<2	.43	.04	.29	<2	<2	1414	<.3	<.2	<.5	<.1
B 100115	3.5	42.5	19.5	90.9	9585	33	26	1207	5.38	10.9	10	6	222	1.46	69.8	.1	35	6.08	.159	23	29	2.65	438	<.01	<2	.48	.03	.29	<2	<2	828	<.3	<.2	.7	<.1
B 100116	9.6	357.1	30.9	109.4	99999	8	8	511	1.84	17.6	<.5	11	135	6.87	266.7	1.5	8	2.27	.053	21	11	.80	1468	<.01	<2	.24	.02	.20	2	<2	12447	<.3	.2	.7	10
B 100117	1.3	9.5	5.6	46.9	923	6	7	571	1.79	1.4	<.5	13	124	.47	6.5	<.1	13	2.10	.063	26	10	.73	1149	<.01	<2	.28	.04	.21	2	<2	188	<.3	<.2	<.5	<.1
B 100118	3.6	9.2	14.5	55.0	265	11	8	982	2.11	203.8	12	9	103	.32	11.1	.1	12	1.33	.081	17	12	.55	609	<.01	2	.29	.02	.23	2	<2	1185	<.3	<.2	<.5	3
B 100119	9.5	18.0	14.0	49.1	262	11	11	789	2.42	2.4	5	9	157	.21	14.0	.1	13	3.19	.081	23	11	1.25	1369	<.01	<2	.27	.03	.19	2	<2	282	<.3	<.2	.5	1
B 100120	13.8	18.6	48.6	65.9	3715	6	6	464	1.51	3.0	11	12	105	1.76	22.6	.2	6	2.14	.057	21	9	.67	763	<.01	<2	.26	.02	.22	<2	<2	1164	<.3	.2	.5	1
B 100121	1.9	375.7	780.5	609.1	17797	6	6	697	1.51	37.0	<.5	11	85	21.71	228.5	4.6	5	1.84	.056	22	12	.62	444	<.01	<2	.25	.03	.21	<2	<2	5552	.6	.5	.7	10
B 100122	1.9	82.9	575.2	450.2	4719	6	6	748	1.70	6.1	<.5	13	121	12.89	54.9	2.9	8	1.99	.062	26	11	.68	848	<.01	<2	.25	.03	.20	<2	<2	2174	.5	.2	.8	3
RE B 100122	1.8	78.8	552.8	429.8	4450	6	6	710	1.62	5.5	<.5	12	115	12.22	52.4	2.9	8	1.91	.059	24	11	.65	805	<.01	<2	.24	.03	.19	<2	<2	2110	.4	.2	<.5	4
RRE B 100122	1.9	72.9	552.8	443.7	3981	7	6	700	1.63	4.5	<.5	12	115	12.11	47.3	2.7	8	1.88	.058	24	13	.64	818	<.01	<2	.26	.03	.21	<2	<2	2026	.4	<.2	.6	5
B 100123	1.2	38.4	27.7	101.0	10483	20	16	966	3.62	9.5	15	2	121	1.00	37.6	.1	11	1.29	.133	18	11	.95	701	<.01	<2	.36	.03	.26	<2	<2	1623	<.3	<.2	<.5	<.1
B 100124	11.6	26.6	56.7	62.4	2133	5	6	642	1.74	2.5	<.5	13	126	.90	20.5	.3	6	2.46	.068	27	9	.72	465	<.01	<2	.29	.03	.24	3	<2	969	<.3	<.2	.5	<.1
B 100125	9.0	17.6	9.3	45.2	599	5	6	587	1.80	.5	<.5	15	146	.69	16.2	.2	9	2.29	.064	29	9	.74	511	<.01	<2	.49	.01	.23	2	<2	616	<.3	<.2	1.1	12
B 100126	63.3	10.2	6.3	35.7	678	6	6	519	1.48	6.2	8	10	117	.51	6.9	.6	6	2.03	.049	18	13	.59	1356	<.01	<2	.31	.02	.23	7	<2	356	<.3	<.2	.8	2
B 100127	1.7	15.6	11.9	111.1	427	60	22	1750	3.83	226.6	13	6	121	.54	19.7	.1	25	1.22	.092	14	25	1.06	292	<.01	3	.62	.03	.27	<2	<2	2935	<.3	<.2	.8	20
B 100128	1.2	9.0	9.0	50.7	143	5	6	651	1.58	6.2	<.5	13	157	.27	5.8	.1	9	2.18	.052	22	10	.63	773	<.01	<2	.35	.03	.21	3	<2	476	<.3	<.2	<.5	2
B 100129	1.6	5.2	9.9	102.5	83	5	7	696	1.71	1.6	<.5	15	168	1.16	7.9	.1	12	2.54	.059	23	10	.76	972	<.01	<2	.28	.04	.21	2	<2	81	<.3	<.2	<.5	<.1
STANDARD D2/HG-500/AU-R	24.7	130.7	103.6	277.8	2024	33	17	1089	4.51	75.4	11	17	64	2.38	9.1	21.3	78	.77	.105	16	56	1.29	267	.14	26	2.41	.06	.68	16	3.0	550	.6	2.5	7.8	446

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. NO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
 - SAMPLE TYPE: CORE AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 30 1996 DATE REPORT MAILED: Oct 11/96 SIGNED BY: *C. Toye* .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE



BYG Natural Resources Inc. PROJECT OMNI File # 96-4929

110 Industrial Road, Whitehorse YT Y1A 2T9 Submitted by: Bill Mann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
B 100112	.6	7.6	14.7	90.0	<30	6	10	1024	2.54	<.5	<.5	12	176	.25	.6	.1	29	3.03	.088	26	10	1.00	341	.01	<.2	.32	.03	.23	<.2	<.2	<10	<.3	<.2	<.5	<.1
B 100113	.9	7.3	16.7	54.4	230	11	10	644	2.10	55.5	<.5	11	339	.44	.5	<.1	15	2.85	.064	18	10	.98	1144	<.01	<.2	.27	.04	.20	<.2	<.2	30	<.3	<.2	<.5	16
B 100114	.7	15.9	11.0	41.9	75	10	11	695	2.37	6.5	25	12	300	.18	15.5	.1	15	3.60	.079	23	9	1.14	1970	<.01	<.2	.43	.04	.29	<.2	<.2	1414	<.3	<.2	<.5	<.1
B 100115	3.5	42.5	19.5	90.9	9585	33	26	1207	5.38	10.9	10	6	222	1.46	69.8	.1	35	6.08	.159	23	29	2.65	438	<.01	<.2	.48	.03	.29	<.2	<.2	828	<.3	<.2	.7	<.1
B 100116	9.6	357.1	30.9	109.4	99999	8	8	511	1.84	17.6	<.5	11	135	6.87	266.7	1.5	8	2.27	.053	21	11	.80	1468	<.01	<.2	.24	.02	.20	2	<.2	12447	<.3	.2	.7	10
B 100117	1.3	9.5	5.6	46.9	923	6	7	571	1.79	1.4	<.5	13	124	.47	6.5	<.1	13	2.10	.063	26	10	.73	1149	<.01	<.2	.28	.04	.21	2	<.2	188	<.3	<.2	<.5	<.1
B 100118	3.6	9.2	14.5	55.0	265	11	8	982	2.11	203.8	12	9	103	.32	11.1	.1	12	1.33	.081	17	12	.55	609	<.01	2	.29	.02	.23	2	<.2	1185	<.3	<.2	<.5	3
B 100119	9.5	18.0	14.0	49.1	262	11	11	789	2.42	2.4	5	9	157	.21	14.0	.1	13	3.19	.081	23	11	1.25	1369	<.01	<.2	.27	.03	.19	2	<.2	282	<.3	<.2	.5	1
B 100120	13.8	18.6	48.6	65.9	3715	6	6	464	1.51	3.0	11	12	105	1.76	22.6	.2	6	2.14	.057	21	9	.67	763	<.01	<.2	.26	.02	.22	<.2	<.2	1164	<.3	.2	.5	1
B 100121	1.9	375.7	780.5	609.1	17797	6	6	697	1.51	37.0	<.5	11	85	21.71	228.5	4.6	5	1.84	.056	22	12	.62	444	<.01	<.2	.25	.03	.21	<.2	<.2	5552	.6	.5	.7	10
B 100122	1.9	82.9	575.2	450.2	4719	6	6	748	1.70	6.1	<.5	13	121	12.89	54.9	2.9	8	1.99	.062	26	11	.68	848	<.01	<.2	.25	.03	.20	<.2	<.2	2174	.5	.2	.8	3
RE B 100122	1.8	78.8	552.8	429.8	4450	6	6	710	1.62	5.5	<.5	12	115	12.22	52.4	2.9	8	1.91	.059	24	11	.65	805	<.01	<.2	.24	.03	.19	<.2	<.2	2110	.4	.2	<.5	4
RRE B 100122	1.9	72.9	552.8	443.7	3981	7	6	700	1.63	4.5	<.5	12	115	12.11	47.3	2.7	8	1.88	.058	24	13	.64	818	<.01	<.2	.26	.03	.21	<.2	<.2	2026	.4	<.2	.6	5
B 100123	1.2	38.4	27.7	101.0	10483	20	16	966	3.62	9.5	15	2	121	1.00	37.6	.1	11	1.29	.133	18	11	.95	701	<.01	<.2	.36	.03	.26	<.2	<.2	1623	<.3	<.2	<.5	<.1
B 100124	11.6	26.6	56.7	62.4	2133	5	6	642	1.74	2.5	<.5	13	126	.90	20.5	.3	6	2.46	.068	27	9	.72	465	<.01	<.2	.29	.03	.24	3	<.2	969	<.3	<.2	.5	<.1
B 100125	9.0	17.6	9.3	45.2	599	5	6	587	1.80	.5	<.5	15	146	.69	16.2	.2	9	2.29	.064	29	9	.74	511	<.01	<.2	.49	.01	.23	2	<.2	616	<.3	<.2	1.1	12
B 100126	63.3	10.2	6.3	35.7	678	6	6	519	1.48	6.2	8	10	117	.51	6.9	.6	6	2.03	.049	18	13	.59	1356	<.01	<.2	.31	.02	.23	7	<.2	356	<.3	<.2	.8	2
B 100127	1.7	15.6	11.9	111.1	427	60	22	1750	3.83	226.6	13	6	121	.54	19.7	.1	25	1.22	.092	14	25	1.06	292	<.01	3	.62	.03	.27	<.2	<.2	2935	<.3	<.2	.8	20
B 100128	1.2	9.0	9.0	50.7	143	5	6	651	1.58	6.2	<.5	13	157	.27	5.8	.1	9	2.18	.052	22	10	.63	773	<.01	<.2	.35	.03	.21	3	<.2	476	<.3	<.2	<.5	2
B 100129	1.6	5.2	9.9	102.5	83	5	7	696	1.71	1.6	<.5	15	168	1.16	7.9	.1	12	2.54	.059	23	10	.76	972	<.01	<.2	.28	.04	.21	2	<.2	81	<.3	<.2	<.5	<.1
STANDARD D2/HG-500/AU-R	24.7	130.7	103.6	277.8	2024	33	17	1089	4.51	75.4	11	17	64	2.38	9.1	21.3	78	.77	.105	16	56	1.29	267	.14	26	2.41	.06	.68	16	3.0	550	.6	2.5	7.8	446

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
 - SAMPLE TYPE: CORE AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 30 1996 DATE REPORT MAILED: Oct 11/96 SIGNED BY: C. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

APPENDIX 3: DDH PF 96-2 LOG and ICP Rock Geochemical Results

Logged By: W.D. Mann	Field Coordinates:	Core Size: NQ
Property: Porter Fleming	Survey Coordinates:	Hole Length: 757' 230.73m
Target: Shear-hosted vein system	Azimuth / Dip: 010° / 45°	Downhole Surveys:
Started: Sept. 16, 1996	Claim: POP #34	
Completed: Sept. 20, 1996	Casing: 20' Pulled	
	Drilled By: Caron	
	Assays By: Acme	

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au, g/t ppb	Ag, g/t ppb
0	2.20	Casing - No Recovery															
2.20	16.80	Quartz Monzonite with Andesite Dykes - weakly alt'd. Andesite Dykes: 2.2-2.4m, 3.0-3.2m, 4.2-4.5m, 11.3-11.6m, 12.6-13.1m. - mottled brown grey Structure: Solid, blocky and rubble core. Gouge/clay seams common. Ductile-brittle sericite(-clay) shears common. Alteration: Weak chlorite, esp. in Andesite dykes. Mafic to weak sericite - (clay - cc. - Q - py.) Mineralization: Weak limonite, decreasing downsection. Trace pyrite, weak veining (cc., Q)	2	2	3	2	0	1	1	95	1						
16.80	66.70	Quartz Monzonite - mottled pink, grey, green - variable textures, composition, alteration - minor aplitic dyke phase (old) - Andesite dyke, bleached 41.3-41.55m Structure: Solid, hard core, Minor blocky core, esp. 27.0- 28.5m assoc. w/ clay/gouge seams. Narrow ductile-brittle. Sericite +/- clay shears common. RQD increases d/s .7 → .9 Alteration: Weak to strong sericite → bleached mafic, green plag. (locally still hard). Possible local silicification. Clay assoc. w/ shearing (weak). Weak carbonate Mineralization: Q-cc. veinlets locally common. Trace pyrite. Minor hematite. Trace limonite above 28.6m. 1cm pyritic shear @ 66.5m	2	1	3	1	1	2	1	97	8						

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb		
66.70	69.20	Andesite Dyke - dark grey to grey-green - plag. - hb. porphyry, 1-2mm indistinct phenos. Structure: Solid, hard core. Upper contact 30° ±. Narrow sericite-clay brittle shears. Alteration: Local weak sericitic bleaching. Mineralization: Barren Q-carb. veinlets common (≤ 3mm wide). Trace pyrite.	2	2	2	1	0	2	1	99.8									
69.20	89.50	Quartz Monzonite - mottled grey, green, pink - andesite dykes (as above): 72.6-73.2m, 77.5-78.0m Structure: Solid, hard core. Narrow ductile-brittle sericite + clay shears common. Alteration: Locally quite fresh. Weak to mod. sericite, weak clay-carb. - Q-py. Mineralization: Q-carb. veinlets common, esp. 87.8-89.5m. Weak py. Unidentified v.f.g. grey sulphides in sampled interval in Q.V.	2	1	3	1	1	2	1	99.9									
			2	0	4	1	2	3	2	99.9	100/25		87.80	89.30	1.50	12	599		
89.50	91.40	Andesite Dyke - grey-green, speckled - 20cm QZMZ xenolith @ 90.2m - indistinct plag., hb. (?) phenos Structure: Solid to blocky, hard core. Broken at contacts, minor fuchsite Alteration: Weak sericitic bleaching. Carbonate veinlets common Mineralization: Weak veining. Trace pyrite.	3	2	2	1	0	2	1	99.6									
91.40	133.50	Quartz Monzonite - mottled pink, green, grey - minor aplitic dykes, xenoliths Structure: Solid, hard core. Local narrow sericitic shears (less clay than in previous units).	2	1	3	1	1	2	1	99.9									

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Aggr ppb	Aggr ppb	
91.40 (continued)	133.50	Alteration: Locally quite fresh, weak to med., minor strong sericite, weak Q-carb. (-py.-clay).																
		Mineralization: Local Q-carb. (-py.) veining, esp. 99.3-99.7m, 103.9-105.4m (inc. v. fine grey sulphides). Veins 30-70°, mostly 60°, ~45% of interval is vein.	2	0	4	2	2	3	2	99.8	100/26	103.90	105.40	1.50	* 2	678		
133.50	142.00	Quartz Monzonite w/ Andesite Dykes -variably bleached dykes 133.5-133.8m, 134.8-135.4m, 141.5-142.0m, 135.9-136.0m.	2	1	3	1	1	2	1	99.9								
		Structure: Solid, hard core. Narrow sericitic shears common.																
		Alteration: Moderate sericite, weak Q-py.-carb.	2	1	4	1	2	2	2	99.9	100/27	134.70	136.15	1.45	20	427		
		Mineralization: Weak veining, Trace pyrite.																
142.00	153.90	Quartz Monzonite - mottled green-grey-pink	2	1	3	1	1	2	1	99.9								
		Structure: Solid, hard core. Ductile sericitic shears, esp. 147-151m.																
		Alteration: Mod. sericite, strong in central shear. Weak Q-carb.-py.-clay.																
		Mineralization: Local narrow Q-carb. (+/-py.) veinlets	2	0	4	1	2	3	2	99.9	100/28	150.00	150.80	0.80	2	143		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phylic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au _{GRA} ppb	Ag _{GRA} ppb
153.90	155.40	Andesite Dyke - grey-green	3	1	2	1	0	2	1	99.6							
		Structure: Solid to blocky core. Contacts ~ 60° ±. Narrow sericite-clay shears.															
		Alteration: Weak to mod. sericite, carbonate. Weak to trace clay, Q, py.															
		Mineralization: Mod. carb. veinlets. Weak Q veinlets. Trace pyrite.															
155.40	177.70	Quartz Monzonite - mottled grey-green-pink -weaker alteration, structure than above units	2	1	3	1	1	1	1	99.8							
		Structure: Solid, hard core. Minor sericitic shears.															
		Alteration: Weak to mod. Sericite. Commonly pink, quite fresh.															
		Mineralization: Trace pyrite, Weak veining. Dissem. hematite common.															
177.70	188.10	Andesite Dyke Zone w/ Quartz Monzonite -grey, pink, green. Weak alteration & deformation. Variably altered Andesite Dykes: 177.7-178.1m, 179.1-180.0m, 181.8-182.6m, 186.2-186.6m, 187.3-188.1m	3	1	3	1	1	1	1	99.8							
		Structure: Solid, hard core. Dyke contacts generally 40°-50° ± Minor sericitic ductile shears															
		Alteration: Weak to mod. sericite. Some dykes fresh, dark grey, others pale grey-green, bleached, trace fuchsite															
		Mineralization: Calcite veinlets common, esp. in dykes. Dissem. hematite common. Minor pyrite, rare Q.V.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Phyllic	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au g/t ppb	Ag g/t ppb			
188.10	194.16	Quartz Monzonite - mottled pink, grey Structure: Solid, hard core, Minor ductile sericitic shears Alteration: Weak sericite (-Q-carb.-clay-py). Mafics commonly black. Mineralization: Very weak veining, pyrite. Dissem. hematite → pink colour. Calcite veinlets common.	2	1	3	0	1	1	1	99.9										
194.16	196.25	Andesite Dyke - 60% bleached pale grey-green, 40% dark grey-green. Structure: Solid, hard core, Contacts ~40°. Slightly blocky. Alteration: Weak to mod. sericitic bleaching common. Trace fuchsite. Mineralization: Carbonate veinlets common. Trace pyrite.	3	2	2	0	0	2	1	99.5										
196.25	230.73	Quartz Monzonite - pink & green, mottled - grey-green Andesite Dykes: 201.7-201.9m, 202.6-203.3m - local narrow pink aplite dykes Structure: Solid, hard core. Narrow ductile green sericite shears → ductile-brittle sericite-clay shears common. Alteration: Trace to strong sericite, mod. carbonate, weak clay, Q, trace pyrite. QM locally quite fresh, w/ black mafics. Mineralization: Q + carb. veinlets common, local minor pyrite. Dissem. hematite common.	3	1	3	1	1	2	1	99.8										
			3	0	4	2	3	3	1	99.9	100/29		219.20	220.90	1.70	<1	83			

230.73m E.O.H.



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE



BYG Natural Resources Inc. PROJECT OMNI File # 96-4929
 110 Industrial Road, Whitehorse YT Y1A 2T9 Submitted by: Bill Mann

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
B 100112	.6	7.6	14.7	90.0	<30	6	10	1024	2.54	<.5	<.5	12	176	.25	.6	.1	29	3.03	.088	26	10	1.00	341	.01	<.2	.32	.03	.23	<.2	<.2	<10	<.3	<.2	<.5	<.1
B 100113	.9	7.3	16.7	54.4	230	11	10	644	2.10	55.5	<.5	11	339	.44	.5	<.1	15	2.85	.064	18	10	.98	1144	<.01	<.2	.27	.04	.20	<.2	<.2	30	<.3	<.2	<.5	16
B 100114	.7	15.9	11.0	41.9	75	10	11	695	2.37	6.5	25	12	300	.18	15.5	.1	15	3.60	.079	23	9	1.14	1970	<.01	<.2	.43	.04	.29	<.2	<.2	1414	<.3	<.2	<.5	<.1
B 100115	3.5	42.5	19.5	90.9	9585	33	26	1207	5.38	10.9	10	6	222	1.46	69.8	.1	35	6.08	.159	23	29	2.65	438	<.01	<.2	.48	.03	.29	<.2	<.2	828	<.3	<.2	.7	<.1
B 100116	9.6	357.1	30.9	109.4	99999	8	8	511	1.84	17.6	<.5	11	135	6.87	266.7	1.5	8	2.27	.053	21	11	.80	1468	<.01	<.2	.24	.02	.20	2	<.2	12447	<.3	.2	.7	10
B 100117	1.3	9.5	5.6	46.9	923	6	7	571	1.79	1.4	<.5	13	124	.47	6.5	<.1	13	2.10	.063	26	10	.73	1149	<.01	<.2	.28	.04	.21	2	<.2	188	<.3	<.2	<.5	<.1
B 100118	3.6	9.2	14.5	55.0	265	11	8	982	2.11	203.8	12	9	103	.32	11.1	.1	12	1.33	.081	17	12	.55	609	<.01	2	.29	.02	.23	2	<.2	1185	<.3	<.2	<.5	3
B 100119	9.5	18.0	14.0	49.1	262	11	11	789	2.42	2.4	5	9	157	.21	14.0	.1	13	3.19	.081	23	11	1.25	1369	<.01	<.2	.27	.03	.19	2	<.2	282	<.3	<.2	.5	1
B 100120	13.8	18.6	48.6	65.9	3715	6	6	464	1.51	3.0	11	12	105	1.76	22.6	.2	6	2.14	.057	21	9	.67	763	<.01	<.2	.26	.02	.22	<.2	<.2	1164	<.3	.2	.5	1
B 100121	1.9	375.7	780.5	609.1	17797	6	6	697	1.51	37.0	<.5	11	85	21.71	228.5	4.6	5	1.84	.056	22	12	.62	444	<.01	<.2	.25	.03	.21	<.2	<.2	5552	.6	.5	.7	10
B 100122	1.9	82.9	575.2	450.2	4719	6	6	748	1.70	6.1	<.5	13	121	12.89	54.9	2.9	8	1.99	.062	26	11	.68	848	<.01	<.2	.25	.03	.20	<.2	<.2	2174	.5	.2	.8	3
RE B 100122	1.8	78.8	552.8	429.8	4450	6	6	710	1.62	5.5	<.5	12	115	12.22	52.4	2.9	8	1.91	.059	24	11	.65	805	<.01	<.2	.24	.03	.19	<.2	<.2	2110	.4	.2	<.5	4
RRE B 100122	1.9	72.9	552.8	443.7	3981	7	6	700	1.63	4.5	<.5	12	115	12.11	47.3	2.7	8	1.88	.058	24	13	.64	818	<.01	<.2	.26	.03	.21	<.2	<.2	2026	.4	<.2	.6	5
B 100123	1.2	38.4	27.7	101.0	10483	20	16	966	3.62	9.5	15	2	121	1.00	37.6	.1	11	1.29	.133	18	11	.95	701	<.01	<.2	.36	.03	.26	<.2	<.2	1623	<.3	<.2	<.5	<.1
B 100124	11.6	26.6	56.7	62.4	2133	5	6	642	1.74	2.5	<.5	13	126	.90	20.5	.3	6	2.46	.068	27	9	.72	465	<.01	<.2	.29	.03	.24	3	<.2	969	<.3	<.2	.5	<.1
B 100125	9.0	17.6	9.3	45.2	599	5	6	587	1.80	.5	<.5	15	146	.69	16.2	.2	9	2.29	.064	29	9	.74	511	<.01	<.2	.49	.01	.23	2	<.2	616	<.3	<.2	1.1	12
B 100126	63.3	10.2	6.3	35.7	678	6	6	519	1.48	6.2	8	10	117	.51	6.9	.6	6	2.03	.049	18	13	.59	1356	<.01	<.2	.31	.02	.23	7	<.2	356	<.3	<.2	.8	2
B 100127	1.7	15.6	11.9	111.1	427	60	22	1750	3.83	226.6	13	6	121	.54	19.7	.1	25	1.22	.092	14	25	1.06	292	<.01	3	.62	.03	.27	<.2	<.2	2935	<.3	<.2	.8	20
B 100128	1.2	9.0	9.0	50.7	143	5	6	651	1.58	6.2	<.5	13	157	.27	5.8	.1	9	2.18	.052	22	10	.63	773	<.01	<.2	.35	.03	.21	3	<.2	476	<.3	<.2	<.5	2
B 100129	1.6	5.2	9.9	102.5	83	5	7	696	1.71	1.6	<.5	15	168	1.16	7.9	.1	12	2.54	.059	23	10	.76	972	<.01	<.2	.28	.04	.21	2	<.2	81	<.3	<.2	<.5	<.1
STANDARD D2/HG-500/AU-R	24.7	130.7	103.6	277.8	2024	33	17	1089	4.51	75.4	11	17	64	2.38	9.1	21.3	78	.77	.105	16	56	1.29	267	.14	26	2.41	.06	.68	16	3.0	550	.6	2.5	7.8	446

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
 - SAMPLE TYPE: CORE AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 30 1996 DATE REPORT MAILED: Oct 11/96 SIGNED BY: *C. Toye* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS