# 1996 DIAMOND DRILLING ASSESSMENT REPORT ON THE MT 1, 2, 4, 5, 6 AND LLOYD 2 CLAIMS

## CARIBOO MINING DIVISION
## BRITISH COLUMBIA

## NTS: 93 A/12

## LATITUDE: 52° 35' NORTH
## LONGITUDE: 121° 39' WEST

**OPERATOR: BIG VALLEY RESOURCES INC.**
**BOX 4210**
**WILLIAMS LAKE, B.C. V2G 2V2**

**REPORT BY: S.J. TENNANT, GEOLOGIST**



**DATE: SEPTEMBER 27, 1996**

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## SUMMARY

Big Valley Resources Inc. owns the claim group consisting of the MT #1, 2, 4, 5, 6 and Lloyd 2 claims. These claims totalling 93 claim units are located 57 kilometres NE of Williams Lake in the Cariboo Mining Division.

Exploration has been ongoing for a number of years consisting of various geophysical surveys and diamond drilling. In May 1996, additional drilling was carried out on the Lloyd 2 claim to further evaluate the mineralized zone outlined by earlier exploration programs. Seven drill holes totalling 1,071.7 metres were drilled.

Drilling cored felsic volcanic flows and clastics that were intruded by high level dykes and sills. Shearing provided the conduits for the intrusives, as well as related altering and mineralized fluids. The main structural control appears to be northeasterly, as well as steep dipping. Drilling intersected a number of significant mineralized intersections. The main host of the higher grade mineralization is a felsic breccia healed with magnetite. Increased values in copper are usually accompanied by increased values in gold.

Results of this drilling program indicates the mineralization is still open and additional drilling should be carried out to evaluate the size potential of the zone.

# INTRODUCTION

## i. Location, Access and Physiography

The Lloyd 2, MT 1, 2, 4, 5, 6 claims are located 57 kilometres northeast of the city of Williams Lake in central British Columbia (Figure 1). The centre of the claims is at latitude 52° 35' north and longitude 121° 39' west in the Cariboo Mining Division.

The property is readily accessible from Williams Lake via 85 kilometres of paved highway to Morehead Lake, then 9 kilometres on the Morehead Forestry all weather gravel road. A network of old and new logging roads provide good access to most of the claims.

The property lies in the Quesnel Highland physiographic region of the central British Columbia interior. This region is characterized by broad valleys and gently rolling hills with elevations on the property ranging from 914 metres (3,000 feet) to 1,189 metres (3,900 feet) above sea level.

The claims occur in a moist vegetative zone dominated by combinations of coniferous (cedar-pine-spruce-fir) and deciduous (birch-popular) forests with undergrowths of alder and devil's club.

## ii. Claim Status

The property consists of six mineral claims (93 mineral claim units) located in the Cariboo Mining Division. The mineral claims are shown on Figure 2 and details are as follows:

| Claim | No. of Units | Record Number | Expiry Date |
|---|---|---|---|
| MT #1 | 15 | 319829 | July 22, 1993 |
| MT #2 | 15 | 319830 | July 24, 1993 |
| MT #4 | 15 | 319832 | July 27, 1993 |
| MT #5 | 8 | 319833 | August 4, 1993 |
| MT #6 | 20 | 319834 | August 2, 1993 |
| Lloyd #2 | 20 | 204955 | June 25, 1985 |

The claims are part of a large block of claims in the area registered to Big Valley Resources Inc.

## iii. Property History

Mining activity in the region has a long history starting with placer operations in 1890, which have continued with varying intensity to the present. From 1960 to 1975, the area was explored for porphyry copper deposits.

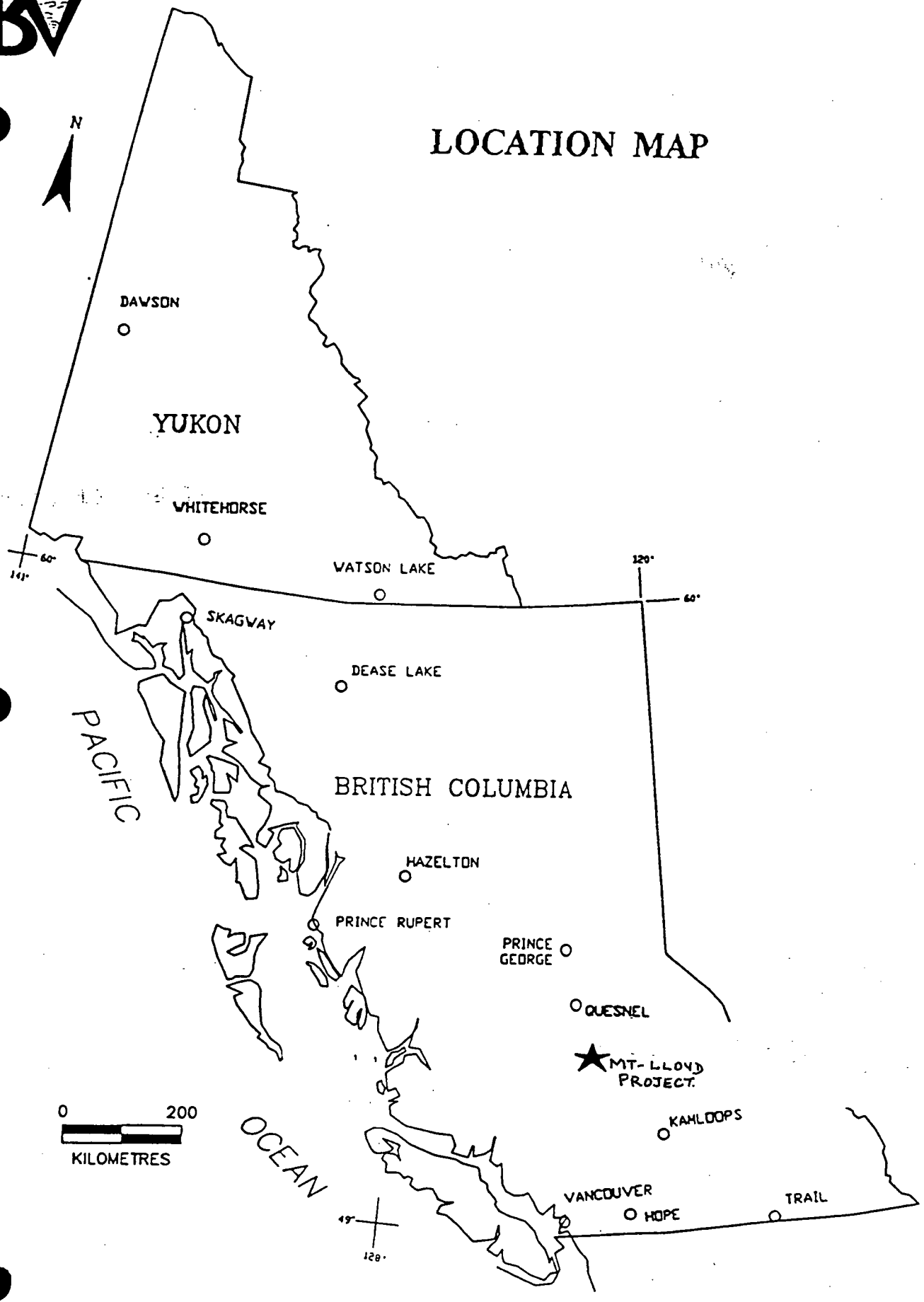
In 1964, the Cariboo Bell porphyry gold-copper deposit was discovered during exploration of a prominent aeromagnetic anomaly. Today, the Mount Polley deposit is owned by Imperial Metals Corp. and is scheduled to start production in 1997. It adjoins Big Valley Resources Inc. to the east and south.

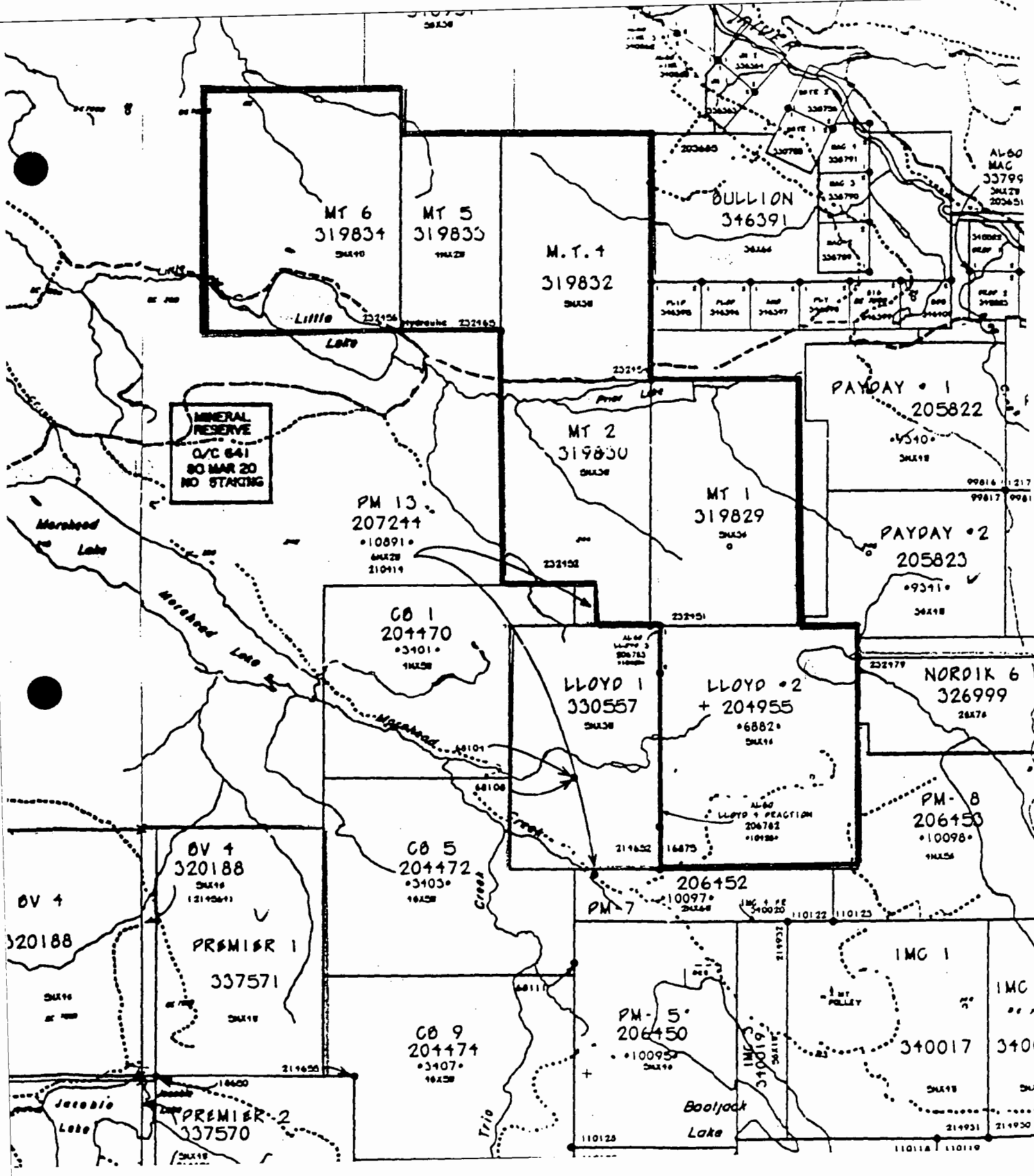
In 1975, during the investigation of a similar aeromagnetic anomaly, Dome Mines Ltd. discovered the QR gold deposit. The QR deposit is presently in production and adjoins Big Valley Resources Inc. to the north.

The MT and Lloyd 2 claims represents part of the mineral tenures that were acquired by Big Valley Resources Inc. for their potential of hosting porphyry copper and/or gold deposits similar to the Mount Polley and QR deposits.

For the past number of years, various phases of grassroots exploration has been carried out on the claim group. Results of this work outlined a geochemical anomaly with coincident geophysical magnetic and IP chargeability high anomalies. Since 1994, diamond drilling has been carried out to evaluate the anomalies.

# LOCATION MAP






1:50,000

CLAIM MAP (MT - LLOYD 2)

Figure 2

580000 590000 600000

## LEGEND

Mineral claims controlled by Big Valley Resources Inc

LITHOLOGY

11 Glacial, fluvglacial and fluvial gravel

Mount Polley Intrusions
- 9 Hornblende Granodiorite
- 8 Nepheline Syenite
- 7 Monzonite to Syenite

4 Maroon Vesicular Basalt
3C Felspathic Tuffaceous Siltstone
3B Latitic Crystal Tuff, Tuff Breccia
3A Polylithic Breccia in Chloritic Felsic Matrix
(Zeolite)
2E Analcite Bearing Basalt
2D Hornblende Bearing Pyroxene Basalt
2A/B Maroon Pyroxene -phyric Basalt

Geological Contact

Fault

Mineralized Area

(Geology After Bailey)

5830000 5820000

MT 6 MT 5 MT 4 MT

LITTLE LAKE

PRIOR LAKE

MT 2 MT 1

PAYDAY

LLEYT

MOREHEAD LAKE

Drill Area

+ LIKELY

NORDIK

POLLEY LAKE

BOOTJACK LAKE

QUESNEL LAKE

TRIO LAKE

JACOBIE LK

BV

BIG VALLEY RESOURCES

QUESNEL MINING DIVISION
PROPERTY LOCATION
/GEOLOGY PLAN

Scale 1 : 75,000.0

0 1000 2000 3000 4000 M

Date: JUNE 94 FIGURE: 3

Tech Work By: DURFELD GEOLOGICAL MANAGEMENT

## GEOLOGY AND MINERALIZATION

Big Valley Resources property is located in a structural feature known as the Quesnel Trough, a 30 kilometre wide, north west trending, volcanic-sedimentary belt of regional extent of Early Mesozoic age. It is fault bounded on the west by Paleozoic rocks of the Cache Creek Group and on the east by older Paleozoic and Pre-Cambrian strata.

Locally within the Trough intrusive rocks, in part coeval to the volcanics occur on cross cutting structures. The Mount Polley intrusions, representing one such centre, are of interest for their potential of hosting porphyry copper/gold mineralization. The QR gold deposit is associated with a pyrite-epidote zone in basaltic breccia near an alkalic stock.

Regional geological mapping of the Quesnel Trough in the claims area is taken from work recently completed by Dr. D. Bailey for the British Columbia Department of Mines (Figure 3).

In the project area, a belt of mafic and felsic volcanic rocks, comagmatic alkaline stocks and dyke complexes make up the Quesnel Trough. The belt is somewhat symmetrical around a central axis of felsic volcanics that are in turn flanked on the east and west by mafic volcanics and sediments.

Drilling on the Lloyd 2 mineralized zone indicates a northeasterly trending mineralized structure controlled by a steep dipping shear zone. The drilling cored felsic volcanic flows and clastics that have been intruded by high level dykes and sills. The highest mineralization encountered in the drilling occurs as magnetite, chalcopyrite and pyrite breccia.

2800E 2900E 3000E 3100E 3200

5200N

5100N

94-11

85-15 94-01

94-02 96-56

94-05 94-03 96-55

Road to Drill Sites

96-50

85-14 94-06 94-04 85-16

96-51 96-52 96-53 96-54 94-08

94-09

94-10

MOUNT POLLEY CLAIMS
LLOYD 2 CLAIM
(BIG VALLEY RESOURCES INC.)

DRILL HOLE LOCATION MAP (Scale 1:1,000)

○ 1996 Drill Holes

□ 1994/95 Drill Holes

Figure 4.

## DIAMOND DRILLING

Diamond drilling on Big Valley Resources claims has been ongoing at various times in different areas throughout 1995 and 1996. In May 1996, diamond drilling was carried out on the Lloyd 2 claim to further evaluate the mineralized zone located earlier by drilling geophysical anomalies.

Diamond drilling utilized a unitized Longyear Super 38 drill to recover NQ sized core. The contractor was Beaupre Drilling of Princeton, B.C. Water for drilling was pumped from streams that exist in the immediate area. Drill holes 96 - 50 to 96 - 56 totalling 1,071.7 metres were drilled on the Lloyd 2 claim. The core was transported to camp for logging, sampling and permanent storage. Intervals to be assayed were split using a manual splitter and shipped to Min-En Labs in Vancouver where they were crushed, pulverized and analyzed for Cu and Au along with 31 element I.C.P. Drill logs and assay sheets are attached as Appendix I and II respectively.

Drill hole information is as follows:

| Zone | Hole No. | Dip | Northing | Easting | Length (m) | Elev (m) |
|---|---|---|---|---|---|---|
| Lloyd 2 | 96-50 | -90° | 5,125 | 2,975 | 170.7 | 1,057 |
| Lloyd 2 | 96-51 | -90° | 5,075 | 2,900 | 170.1 | 1,055 |
| Lloyd 2 | 96-52 | -90° | 5,075 | 2,950 | 158.8 | 1,057 |
| Lloyd 2 | 96-53 | -90° | 5,075 | 3,000 | 182.9 | 1,058 |
| Lloyd 2 | 96-54 | -90° | 5,100 | 3,025 | 152.4 | 1,051 |
| Lloyd 2 | 96-55 | -90° | 5,150 | 3,050 | 44.8 | 1,055 |
| Lloyd 2 | 96-56 | -90° | 5,175 | 3,035 | 192.0 | 1,057 |

Drilling corded felsic volcanic flows and clastics that were intruded by high level dykes and sills. Shearing provided the conduits for the intrusives, as well related altering and mineralized fluids. The main structural control appears to be northeasterly, as well as steep dipping. The better grade mineralization is hosted by a felsic breccia healed with magnetite. Generally increased values in copper are accompanied by increased values in gold.

A summary of the mineralized sections are listed below:

| Drill Hole Number | Depth Metres | Intersection Metres | Cu % | Au g/tonne |
|---|---|---|---|---|
| DDH 98-50 | 75-144.8 | 70 | 0.44 | 0.14 |
| Incl. | 75-81 | 6 | 0.98 | 0.27 |
| Incl. | 97-115 | 18 | 0.77 | 0.20 |
| DDH 96-51 | 72-84 | 12 | 0.63 | 0.11 |
| | 92-102 | 10 | 0.31 | 0.08 |
| DDH 96-52 | 4-34 | 30 | 0.20 | 0.04 |
| Incl. | 4-26 | 22 | 0.23 | 0.05 |
| | 68-76 | 8 | 0.70 | 0.23 |
| DDH 96-53 | 6.7-32 | 25.3 | 0.18 | 0.05 |
| | 62-80 | 18 | 0.15 | 0.02 |
| DDH 96-54 | 84-92 | 8 | 0.18 | 0.04 |
| DDH 96-55 | Abandoned in fault | | | |
| DDH 96-56 | 3.7-12 | 8 | 0.60 | 0.75 |
| | 68-73 | 5 | 0.37 | 0.24 |

## CONCLUSIONS AND RECOMMENDATIONS

Drilling on the Lloyd 2 mineralized zone has shown a northeasterly trending mineralized structure coincident with an induced polarization chargeability high and a magnetic high. The mineralization appears to be controlled by a steep dipping shear zone as the feeder system as well as favourable stratigraphic horizons susceptible to alteration and mineralization. To date, the mineralized zone is open and additional drilling is warranted to determine the ultimate potential of the zone.

## STATEMENT OF COSTS

| | |
|---|---|
| Diamond Drilling | |
| 1,071.1 metres @ $59/metre - all inclusive | $63,194.90 |
| Sample Prep and Assay 405 @ $20.40/Sample | |
| (Prep $5.00, Assay ICP $6.90, Au $8.50) | 8,262.00 |
| Freight - samples to Vancouver | 320.00 |
| Geology - Logging Core and Report | |
| S. Tennant - 12 days @ $300/day | 3,600.00 |
| | **$75,376.90** |

## AUTHOR'S QUALIFICATIONS

I, STUART J. TENNANT, do hereby certify that:

1. I am a geologist residing at 600 Garrow Drive, Port Moody, British Columbia, V3H 1H5.

2. I am a 1959 graduate of the University of British Columbia with a Bachelor of Science degree in geology.

3. I have practiced my profession in exploration since 1959, primarily in British Columbia.

4. Since May 1996, I have been employed as an exploration geologist with Big Valley Resources Inc.

5. I personally supervised and participated in the field work and have compiled, reviewed and assessed the data resulting from the work.

Stuart J. Tennant

**STUART J. TENNANT**

DATED at Vancouver, British Columbia, this 27 day of September, 1996.

# REFERENCES


1. Bailey, David G. (1976): Geology of the Morehead Lake Area, Central British Columbia, BCMEMPR. Notes to Accompany Preliminary Map No 20.

2. Bailey, David G. (1987): Geology of the Central Quesnel Belt, Hydraulic, South-Central British Columbia (93A/12), BCMEMPR, Geological Fieldwork, 1987, Paper 1988-1.

3. Fox, Peter E., Cameron, R.S.: Geology of the QR Gold Deposit, Quesnell River area, British Columbia, CIM Special Volume 46.

4. Panteleyev, Andre, Hancock, Kirk D. (1988), Quesnel Mineral Belt: Summary of the Geology of the Beaver Creek - Horsefly River Map Area, BCMEMPR, Geological Fieldwork, 1988, Paper 1989-1.

# Appendix I

# Drill Logs

GRID: Lloyd Claim

HOLE No. 96-50
SHEET No. 1 of 2

LOCATION: _____ BEARING: Vert LATITUDE: 5125 PROPERTY: Bia Valley

DATE COLLARED: _____ LENGTH: 170.7 DEPARTURE: 297.5 CORE SIZE: NQ LOGGED BY: S. Tennant

DATE COMPLETED: _____ DIP: -90° ELEVATION: _____ SCALE OF LOG: _____ DATE: 29 May '96

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration / Footage / Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS SAMPLE No. | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0–6.4 Casing – Overburden<br>6.4–10.0 Feldspar Porphyry Latite.<br>10–12 Mafic dyke | Some potassic pheno and some chl and calcite stringers | | | | fine diss py. | barely magnetic<br>Contacts 45° to CA. | | 95% | | | |
| | Epidote pheno's.<br>Late fracturing calcite filled at 45° and 80° to CA. | | | | | Strongly magnetic. | | 95% | | | |
| 12–73.6 Feldspar Porphyry Latite | Potassic and chloritic alt. Varies slighty. More potassic pheno in some places. Chlorite clots and on fractures along with calcite. | | | | sparse finely diss py. | slightly magnetic<br>Core broken up in places where fr at 70°–70° to CA.<br>Generally competent. | | 93% | | | |
| 66.1–73.6. – Core generally broken-up.<br>73.6–80.8 Gradational change into Breccia. Fragments of porphyry. Matrix chlorite and magnetite | chlorite increases. along with mag.<br>Some minor calcite stringers and on fractures. | | | | chalco as fine diss and on fractures.<br>From 76m chalco increases | Core more competent. | | 95% | | | |
| Feldspar Porph. Latite<br>At 80.8 – Gradational. | Breccia appears mottled as well as sharp fragments.<br>Pinkish – potassic pheno with | | | | Chalco >1%<br>Diss, stringers<br>Some fine diss py. | | | 95% | | | |
| 99.6 – Felsic Breccia Contact 75° to CA<br>102.5 Core mottled and darker Brecciation cooked – clasts up to 5cm. | some chlorite in blebs<br>Chlorite increases<br>Abundant potassic and chlorite alt. | | | | Diss. and patchy Chalco. | | | 95% | | | |

GRID: Lloyd

HOLE No. 96-50
SHEET No. 2 of 2

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: NQ LOGGED BY: _____

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: 29 May '96

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration / Footage / Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102.5 – 121.5 Brecciation more intense – crackled. Fragments angular up to 10cm. | Some potassic – Chl & mag in matrix of breccia. Calcite on fractures and bleb. | | | | Some diss py. Good chalco in patch and diss. Some stringers | Strongly magnetic | | 95% | | | | | | |
| 121.5 – 136.2 Felsic tuff<br>124.5 – 126.5 Mottled<br>126.5 – 132.6 slightly more uniform. | Potassic and chloritic. Some veinlets calcite. Fractures coated with calcite. Chlorite increases | | | | Some patchy chalco diss and stringers throughout. | Slightly mag.<br>121.5 – 132.6 – competent whole<br>132.6 – 136.2 very broken up core | | 95%<br>90% | | | | | | |
| 136.2 – 145.4 · Breccia very broken<br>136.2 – 136.8 Fault gouge<br>144.8 – 145.4 Fault gouge.<br>· Faulted Breccia Zone. | Chl and mag matrix. Fragment angular various compositions. Highly broken | | | | Patch and diss Chalco. | fairly magnetic | | 70% | | | | | | |
| 145.4 – 165.4 Fine grained Feldspar porphyry Latite. Feldspars aligned along CA. in sections | Short section darker due to chlorite. Calcite on fractures. | | | | Trace chalco. | very slightly mag. | | 94% | | | | | | |
| 165.4 – 170.7 Felsic Breccia Ragged Contact<br>Matrix mostly magnetite. Cable<br>Angular fragments to 4cm. | Some chl and minor calcite. Hairline calcite stringers | | | | Some fine diss py.<br>Minor chalco. | Some fracturing 20–25° to CA.<br>Strongly magnetic | | 95% | | | | | | |
| | | | | | | | | | | | | | | |

GRID: LLOYD

HOLE No. 96-51
SHEET No. 1 of 2

LOCATION: _____ BEARING: Vert LATITUDE: 5075 PROPERTY: LLOYD 2

DATE COLLARED: _____ LENGTH: 170.1m (558 ft) DEPARTURE: 2900 CORE SIZE: NQ LOGGED BY: S. Tennant

DATE COMPLETED: _____ DIP: -90 (Vertical) ELEVATION: _____ SCALE OF LOG: _____ DATE: 10 June '96

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG: Rock Type / Alteration | GRAPHIC LOG: Footage | GRAPHIC LOG: Structure | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS: SAMPLE No. | ASSAY RESULTS | ASSAY RESULTS | ASSAY RESULTS | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 – 4.3 Casing<br>4.3 – 7.8 Latite Feldspar Porphyry. | (Overburden)<br>K-spar xtalls to 5mm. Chl alt. with calcite stringers | | | | | | | Core broken Lim on all fract. | | 90% | | | | | | |
| 7.8 – 34 Felsic Tuff ?<br>Very broken - blocky core<br>Short crushed zones.<br>Some shearing (gouge) | Mixed section of rock textures<br>Strong chl alt. Crushed sections healed with calcite. | | | | | | @18m. 10cm Chalco<br>fine diss Py. | fairly magnetic<br>Core very blocky. | | 85% | | | | | | |
| 34 – 40.6 Latite Feldspar Porphyry<br>Slightly 'crackled' at times (healed with calcite stringers) | K-spar xtalls to 5mm.<br>General alignment 45° to CA<br>Pervasive Chl Alteration<br>Some fine Magnetite | | | | | | | Has some irreg fract along core axis<br>Slightly magnetic | | 95% | | | | | | |
| 40.6 – 55.0 Spotted Mafic Dyke.<br>@ 40.6 irreg contact ≈ 45° to CA<br>@ 55.0 Crushed irreg contact ≈ 60° to CA | Much Calcite veining at all angles and along the core. | | | | | | | Strongly magnetic | | 85% | | | | | | |
| @ 46.4 Dyke crushed and very broken.<br>Fractured with several gouge zones | Dyke generally crushed and crackled, healed with calcite<br>(Alot of movement - Partly sheared.) | | | | | | | | | | | | | | | |
| 55.0 – 61.5 Felsite Tuff.<br>Slightly "crackled" and crushed. Healed with calcite. | Felsic and Chl alt.<br>Calcite veining 80° to C.A. | | | | | | Fine diss Py.<br>Odd bit of chalco. | Some very steep fracturing. | | 95% | | | | | | |

GRID: _____

HOLE No. 76-5
SHEET No. 2 of 2

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____

DATE COLLARED: _____ LENGTH: 170.1m (558ft) DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG: Rock Type Alteration | GRAPHIC LOG: Footage | GRAPHIC LOG: Structure | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS: SAMPLE No. | ASSAY RESULTS | ASSAY RESULTS | ASSAY RESULTS | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61.5 – 70.3 Latite Feldspar Porphyry. (slightly darker than normal). | K-spar xtalls to 5mm. No apparent alignment. Pervassive chl. Minor calcite veining. | | | | | | few chalco specks. | slightly magnetic | | 95% | | | | | | |
| 70.3 – 82.5 Felsic Tuff (core generally dark). | Strong chl. alt. with some mag. and calcite veining and on fractures | | | | | | @ 73.8 – 10cm good Chalco also @ 75.6 to 82.5m. | fairly good chalco in sections. fairly magnetic | | 95% | | | | | | |
| 82.5 – 91.7 Latite Feldspar Porphyry. | K-spar xtalls to 5mm. pervassive chl alt. Few chloritic frag. to 1cm. | | | | | | few specks of chalco. | slightly magnetic | | 95% | | | | | | |
| 91.7 – 102.0 Felsic Tuff (core generally dark) | Strong chl alt Some felsic fragment with chl groundmass Calcite coating fractures | | | | | | Some diss and "stringers of Chalco. through out fine diss py. | fairly magnetic 1 set fract at 45° to C.A. | | 95% | | | | | | |
| 102.0 – 170.1 Latite Feldspar Porphyry. (Core generally pinkish, generally very broken | Pervassive chl – coating on most fractures. Some calcite veining to vesicular spotty calcite. | | | | | | Not much visible sulphides | slightly mag. | | 80–85% | | | | | | |
| up. One set fractures 80–85° to C. A. EOH 170.1m (558 ft) | Few short section crackled (healed with Calcite) as well as "Crushed" sections Probably some fault movement. | | | | | | | Difficult hole for drillers due to blocky ground | | | | | | | | |

54.9 – 56.5

GRID: LLOYD

HOLE No. 96-52
SHEET No. 1 of 3

LOCATION: _____ BEARING: Vert LATITUDE: 5075 PROPERTY: LLOYD 2

DATE COLLARED: _____ LENGTH: 158.8 (521ft) DEPARTURE: 2950 CORE SIZE: NQ LOGGED BY: B. Tennant

DATE COMPLETED: _____ DIP: -90 (Vertical) ELEVATION: _____ SCALE OF LOG: _____ DATE: 9 June '96

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG: Rock Type / Alteration | GRAPHIC LOG: Footage | GRAPHIC LOG: Structure | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS: SAMPLE No. | ASSAY RESULTS | ASSAY RESULTS | ASSAY RESULTS | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 – 4.0 Casing (Overburden). | | | | | | | | | | | | | | | | |
| 4.0 – 26.9 Felsic Tuff. | Core varies pinkish to dark green depending on amount of Chl. and meg. | | | | | | fine diss py. Good blebs and | Generally fairly magnetic | | 95% | | | | | | |
| | Lim. on fract to 14m. Some calcite veining as well as on fractures. | | | | | | visible CHALCO throughout. Some chalco on fractures/appear as veinlets. | 1 set fractures @ 20–30° to C.A | | | | | | | | |
| 26.9 – 28.8 Latite Feldspar Porphyry | K-spar xtells to 4m. Some chl and mag. | | | | | | diss py and | | | 95% | | | | | | |
| 28.8 – 32.2 Breccia of Felsic fragments in Chl matrix (core mottled) | and Tuff Some calcite and magnetite mixed in ground mass. Few thin calcite veins | | | | | | some chalco. | fract. 20–30° to CA | | | | | | | | |
| 32.2 – 66.7 Felsic Tuff. | | | | | | | | | | | | | | | | |
| (core fairly uniform in texture) 54.9 – 56.5 (Mottled) Breccia of felsic frag in Chl matrix. | Pervassive Chl alt along with spotty chl. plus fine magnetite. Several large fine grained dark fragments (up to 3cm) | | | | | | Speck and blebs of chalco throughout. | Fract. @ 20–30° and @ 70° to CA Core weak to med magnetically | | 95% | | | | | | |
| | Minor irregular thin cal. vns | | | | | | | | | | | | | | | |

GRID: _____

HOLE No. 96-52
SHEET No. 2 of 2

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration / Footage / Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66.7-68.7 Spotted dark Mafic Dyke. | Chloritic spots | | | | | | | | | | | | | |
| 68.7-75.3 Felsic Breccia healed with Chl and Mag | Felsic frag. to 3cm. | | | COPPER | Strong Chalco through section | Core slightly broken up NB | | 95% | | | | | | |
| 72.2-73.8 | Fine K-spar xtalls ? | | | | even in porphyry section ? | Some fr along the the core. | | | | | | | | |
| 75.3-86.3 Felsic Tuff | Pervassive and spotty Chl. Few fine grained frag. | | | | | Core | | 90% | | | | | | |
| 86.3-88.1 Latite Feldpar porphyry. | K-spar xtalls to 4mm. xtall roughly aligned 45° to CA. | | | | Random Blebs and fine gr Chalco. | Weakly Magnetic | | 90% | | | | | | |
| 88.1-89.7 Spotted Mafic Dyke Contact @ 60-65° to CA | Network of fine calcite vns. | | | | | Strongly magnetic | | 95% | | | | | | |
| 89.7-105.8 Latite Feldspar porphyry. | Pervassive and spotty chl. | | | | Minor sporadic Chalco. | Core highly broken up | | 85% | | | | | | |
| 105.8-121.2 Felsic Tuff (105.8-117 Very broken core) | K-spar xtalls to 5mm. Pervassive and spotty chl Odd fine grained frag. | | | | Few chalco specks | Some fract along the core. Weakly magnetic Highly broken up to 117.7m. | | 85% | | | | | | |
| 121.2-127.7 Felsic Tuff (very pink) | Some pervassive chl. Core appears "crackled" healed with calcite. partly vesicular calcite spots | | | | Some fine diss py. | Barely magnetic | | 95% | | | | | | |

GRID: _____

HOLE No. 96-52
SHEET No. 3 of 3

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: 10 June '96.

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration / Footage / Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127.7 – 151.5 Felsic Tuff (Crackled, Brecciated and Crushed in sections). | Felsic and chl alt. Crushed and Crackled sections healed with calcite and Chl. Magnetite throughout. | | | | Fine diss py. diss chalco (fine) throughout. | fairly magnetic | | 92% | | | | | | |
| 151 – 158.8 Felsic Tuff (pink) | pervassive chl. Crackled area healed by | | | | little fine diss py. | Weakly mag. | | 92% | | | | | | |
| Slightly crackled. 152.1 – 152.25 fault gouge. 157.6 – 158.8 Fault Zone pebbles and clay | hairline calcite. Also vesicular calcite. | | | | | | | 20% | | | | | | |
| | | | | | | | | | | | | | | |
| 158.3 (521 ft) | | | | | | Hole fairly well mineralized. Some very strong copper sections | | | | | | | | |
| E.O.H. in Fault. | | | | | | | | | | | | | | |

GRID: _____

HOLE No. 53
SHEET No. 1 of 3

LOCATION: _____ BEARING: Vert. LATITUDE: 5075 PROPERTY: LLOYD 2.

DATE COLLARED: _____ LENGTH: 182.9 DEPARTURE: 3000 CORE SIZE: NQ LOGGED BY: S. Tennant

DATE COMPLETED: _____ DIP: -90° ELEVATION: _____ SCALE OF LOG: _____ DATE: 6 June

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG: Rock Type / Alteration | GRAPHIC LOG: Footage | GRAPHIC LOG: Structure | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS: SAMPLE No. | ASSAY RESULTS | ASSAY RESULTS | ASSAY RESULTS | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-6.7 Casing Overburden.<br>6.7—13.1 Felsic Tuff. | Felsic alteration with strong chl alt. + mag.<br>Some calcite veining | | | | | | Some fine diss py.<br>Some diss Chalco | All fracture limonite.<br>Core fairly magnetic | | 90% | | | | | | |
| 13.1-13.9 Spotted Mafic Dyke.<br>13.9-28.5 Felsic Tuff | strong felsic alt. with chl and mag. | | | | | | minor py/chalco. | Contacts 65° to CA<br>Lim on all fractures | | | | | | | | |
| 22.5-25 Latite Feldspar porphyry<br>From 26.5 to 28.5 Core very broken-up | Core pink to dark green depending on amount of felsic and chl alteration<br>Some fairly flat calcite veins | | | | | | | | | 95% | | | | | | |
| 28.5-29 Spotted mafic Dyke<br>29.0-40.8 Felsic Tuff | chl stronger than felsic alt. Minor calcite veining<br>Calcite coating on fr.<br>Couple large fragments | | | | | | Some finely diss py.<br>Some fine chalco | Contacts @ 65° to CA<br>lim on fract ends at 30.8 | | 90% | | | | | | |
| 40.8-45.4 Latite Feldspar porphyry<br>Core very pink. | of feldspar porphyry.<br>K-Spar xtals randomaly oriented. Up to 5mm.<br>Some spotty calcite. | | | | | | | | | 95% | | | | | | |
| 45.4-48.5 Mafic Dyke? | hairline calcite stringers<br>Spotty dark shattered rock healed by stockwork of qtz and calcite veins | | | | | | | Some magnetite | | 95% | | | | | | |

GRID: ____

HOLE No. 76-52
SHEET No. 2 of 3

LOCATION: ____ BEARING: ____ LATITUDE: ____ PROPERTY: ____

DATE COLLARED: ____ LENGTH: ____ DEPARTURE: ____ CORE SIZE: NQ LOGGED BY: ____

DATE COMPLETED: ____ DIP: Vertical ELEVATION: ____ SCALE OF LOG: ____ DATE: ____

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type, Alteration, Footage, Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48.5 - 50.9 Felsic Tuff | | | | | | | 95% | | | | | | | |
| 50.9 - 60.3 Latite Feldspar Porphyry (very pinkish rock) | K-spar xtal to 5mm. Randomly oriented. Some pervassive Chl alt. | | | | Some fine py | weakly magnetic | 95% | | | | | | | |
| 60.3 - 99.0 Felsic Tuff (few dark fragments to 1cm.) | strong felsic and Chl alteration. Magnetite throughout. Some calcite veining | | | | Some fine py and chalco. Chalco increasing 74.2 (good chalco) | Strongly magnetic 1 set fr @ 45° to CA. | 95% | | | | | | | |
| 99.0 - 112.8 Latite Feldspar Porphyry. | Intensity of felsic and chloritic alt. variable. Very Pink rock, K-spar xtals to 5mm. | | | | | Core very broken up | 85% | | | | | | | |
| @ 99.0 Faulted contact @ 20° to CA (Faulted to 100m). | Some pervassive Chl alt Calcite tends to be in spots Some calcite on fractures | | | | Minor finely diss py. Few blebs chalco | | | | | | | | | |
| 112.8 - 121.5 Mafic Matrix Tuff @ 112.8 Irregular contact. @ 119.8 grades to Felsic Tuff @ 121.5 Faulted Contact | Very chloritic matrix with magnetite. Some calcite on fract. faces. | | | | Minor diss py | Core very broken up. | 35% | | | | | | | |

GRID: LLOYD

HOLE No. 96-52
SHEET No. 3 of 3

LOCATION: _____ BEARING: Vert LATITUDE: _____ PROPERTY: _____

DATE COLLARED: _____ LENGTH: 182.9 DEPARTURE: _____ CORE SIZE: NQ LOGGED BY: _____

DATE COMPLETED: _____ DIP: -90° ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration / Footage / Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 121.5 – 126.6 Latite Feldspar Porphyry. | Series of shears. Feldspar xtals to 5mm. Felsic and Chloritic Alt. | | | | Minor diss py. Odd blab of Chalco. | Core very broken up. Several small faults. No contacts Fragments & Gouge. | | 70% | | | | | | |
| 126.6 – 130.1 Felsic Tuff | Generally felsic with chl alt. Chl. partly in spots Some hairline calcite fr. | | | | Minor diss py. | | | 85% | | | | | | |
| 130.1 – 137.9 Felsic Tuff. ? Very pink – highly broken. @ 137.9 Fault gouge contact. | Very minor chl. few hairline Cal. stringers faint trace of cal. spots | | | | | non magnetic | | 70% | | | | | | |
| 137.9 – 148.8 Felsic Tuff (first 3m. very broken) | Degree of felsic and chlorite alt varies. At times appears brecciated and crushed. Calcite stringers and on fracture faces. | | | | Some diss py. few chalco blebs. | fairly magnetic Could be partly brecciated due to nearby faulting. | | 90% | | | | | | |
| 148.8 – 155.4 Latite Feldspar Porphyry @ 148.8 Crushed contact @ ∠ 65-70° to C.A. | Feldspar xtals to 5mm. Fine pervassive chl. alt. Veinlets calcite and on fracture faces | | | | | Very weak magnetically | | 95% | | | | | | |
| 155.4 – 182.9 Felsic Tuff @ 155.4 Irregular steep contact Random dark fragment up to 1cm. Feldspar xtals in places. | Generally strong felsic alt. Pervassive chl alt. Few calcite stringers. Calcite on fr. faces. | | | | Some fine diss py. | weakly magnetic Strong fr set at 65–70° to C.A. | | 95% | | | | | | |

GRID: Lloyd

HOLE No. 96-5a
SHEET No. 1 of 2

LOCATION: _____ BEARING: Vert LATITUDE: 5100 PROPERTY: LLOYD 2

DATE COLLARED: _____ LENGTH: 152.4 DEPARTURE: 3025 CORE SIZE: NQ LOGGED BY: S. Tennant

DATE COMPLETED: _____ DIP: -90° ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration / Footage / Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS: SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 – 6.1 Casing / Overburden. | | | | | | | | | | | | | | |
| 6.1 – 10 Felsic Breccia. Contains some tuff fragments | Potassic and chl alt. (mottled pink-green). Minor calcite stringers | | | | Fine diss py. | Core broken-up. Weakly magnetic | | 80% | | | | | | |
| 10 – 13.2 Feldspar Latite porphyry | slightly bleached (very broken). Minor epidote and calcite. | | | | | Weakly magnetic weak fault zone. (Crushed in places) | | 70% | | | | | | |
| 13.2 – 25 Felsic Breccia. Very Broken-up. | Felsic and Tuff fragments. Calcite on fractures | | | | Some diss py & some Concentrations | Crushed in places | | 80% | | | | | | |
| 25 – 34 Latite Feldspar Porphyry. | Feldspar tend to be aligned. chlorite variable. Minor calcite veining but on fract. 40° to CA. | | | | Some fine diss py. | | | 95% | | | | | | |
| 34 – 73.5 Felsic Tuff. Generally pinkish, some darker sections, some large fragments | Some Chl and magnetite. Mag. strong in sections. Calcite on most fr. 1 set fr. at 65° to CA. | | | | Some fine py. | Strongly mag. Slightly broken in sections | | 95% | | | | | | |
| 73.5 – 79.6 Dark spotted Mafic Dyke. Contacts 30° to C.A. | Calcite on all fr. faces. Abundant random Calcite stringers. | | | | | | | 90% | | | | | | |
| 79.6 – 106 Felsic Tuff. Generally pinky-green | Chl throughout. Some calcite stringers along the core. | | | | | Slightly magnetic [illegible] 30° to CA | | 95% | | | | | | |

GRID: _____

HOLE No. 76-5-
SHEET No. 2 of 2

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration / Footage / Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS: SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-108.7 Felsic Tuff? (very pink) | Chl. alteration decreases, Some calcite veining Non magnetic | | | | | | | 75% | | | | | | |
| 108.7-111.4 Fault Zone. Core Crushed and some gouge. | Remnants of felsic and chl. alt. | | | | | Contacts maybe 20° to CA ? | | 50% | | | | | | |
| 111.4-114.6 Highly broken up Some pink Felsic Tuff. grading to darker green. @ 113.7 10cm gouge | Chl. alt intensifies magnetite increases | | | | | Just rock fragments recovered | | 30% | | | | | | |
| 114.6-133.2 Felsic Tuff? Pink to Dk green. | potassic and chl varies. generally slightly magnetic Several 10cm gouge zones | | | | Some fine diss py | Core very broken in sections. | | 85% | | | | | | |
| 133.2-152.4 .. Latite Feldspar Porphyry | Some alignment of K-spar Chl. and Some magnetite Calcite stringers and coating fractures | | | | | Fr. 20-30° to CA. | | 95% | | | | | | |
| | | | | | | | | | | | | | | |

GRID: ____

HOLE No. 96-55
SHEET No. 1 of 1

LOCATION: ____ BEARING: Vert LATITUDE: 5150 PROPERTY: LLOYD 2.
DATE COLLARED: ____ LENGTH: 44.8 DEPARTURE: 3050 CORE SIZE: NQ LOGGED BY: S. Tennant
DATE COMPLETED: ____ DIP: -90° ELEVATION: ____ SCALE OF LOG: ____ DATE: ____

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration, Footage, Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS: SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-4.3 Casing Overburden. | | | | | | | | | | | | | | |
| 4.3 – 22.2 Latite Feldspar Porphyry. | K-spar xtalls to 5mm. Rough alignment 90° to CA. Some fine calcite stringers | | | | | Lini on fract. ends Core fairly broken up | | 90% | | | | | | |
| 22.2 – 29.2 Lapilli Tuff ? | Some Chl. alt. and magnetite. Frag. crushed and welded together. | | | | diss py and flew blebs chalco | Slightly magnetic. Adjacent major fault. | | 90% | | | | | | |
| | Some felsic and Tuff frag. chl and magnetite. | | | | | | | | | | | | | |
| 29.2 – 37.8 Major Fault Zone Contact @ 29.2 appears to be 75-80° to C.A. | Chips and gouge | | | | | Fault Zone | | 35% | | | | | | |
| 37.8 – 38.7 Spotty Mafic Dyke Broken<br>38.7 – 39.7 Maroon Basaltic? Crushed | | | | | | appears to be very steep. | | | | | | | | |
| 39.7 – 44.8 Major Fault Zone | Crushed, pebbles and gouge. | | | | | | | 25% | | | | | | |
| ABANDONED IN FAULT ZONE | | | | | | | | | | | | | | |

GRID: ____

HOLE No. 5a
SHEET No. 1 of 2

LOCATION: ____ BEARING: Vert LATITUDE: 5175 PROPERTY: LLOYD 2

DATE COLLARED: ____ LENGTH: 192.0 DEPARTURE: 3035 CORE SIZE: NQ LOGGED BY: S. Tennant

DATE COMPLETED: ____ DIP: -90° ELEVATION: ____ SCALE OF LOG: ____ DATE: 2 June 96

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG (Rock Type / Alteration / Footage / Structure) | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS SAMPLE No. | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-3.7 Casing - Overburden<br>3.7-20.5 Breccia healed by magnetite. Very angular fragments of tuff and feldspar porphyry | Pervassive Chl alteration. Magnetite up to 15%. Sporadic calcite. Limonite on all fractures | | | | Some malachite stain top of the hole. Good chalco for 5m then erratic blebs and diss. | Very rusty fractures from surface. Strongly magnetic | | 95% | | | |
| 20.5 - 62.8 Fine grained porphyritic Latite.<br>To 50.3 very competent rock.<br>50.3 - 62.8 Very broken with | Pervassive felsic-chl matrix. Some patch and irregular calcite stringer. Calcite on fr faces. | | | | Erractic blebs chalco.<br>Diss py. | Limonitic fract to 32.6m<br>Moderately magnetic | | 95%<br>80% | | | |
| several narrow 10cm shear zones (mainly gouge) | Core darken with increase of Chl. | | | | Some pyritic sections | | | | | | |
| 62.8 - 100.3 Feldspar Porphyry Latite<br>62.8 - 118m Core generally very broken up. | K-spar xtalls in a fine fesic - chl + magnetite groundmass. Minor calcite stringers and on fract. faces. | | | | Some erratic diss py and spotty chalco | slighty mag. | | 92% | | | |
| 84-97 Fracture Zone partially sheared gouge at contacts | Highly fractured, crushed Feldspar Porphyry Latite with series of short gouge zones. | | | | Minor diss py. Some spotty and diss chalco. | slighty mag. | | <50% | | | |
| 100.3 - 161.5 Fine grained Felspar Porphyry Latite. Very pink, few sections dark green | K-spar alteration pervassive fine chl. matrix minor magnetite - fine vesicular calcite. | | | | Some finely diss py. | Erratically slightly magnetic | | 95% | | | |

GRID: _____

HOLE No. 5
SHEET No. 2 of 2

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

| ROCK TYPES AND TEXTURES | ALTERATION | GRAPHIC LOG: Rock Type / Alteration / Footage / Structure | JOINT OR CONTACT ANGLES | % PYRITE | MINERALIZATION | REMARKS | FOOTAGE BLOCKS | EST. CORE REC. | COMPOSITES | ASSAY RESULTS: SAMPLE No. | | | | EST. GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 115.9-117 Fault Gouge Contacts 10-15° to C.A. | Majority of calcite veins 10-15° to C.A. Occassional dark green clasts up to 1cm. | | | | | | | | | | | | | |
| 161.5-192.0 Fine grained Feldspar porphyry Latite | Chlorite matrix and some fine magnetite Some spotty calcite as well as fine stringers calcite and on fracture faces. | | | | Some finely diss py. | Slightly magnetic | | 92% | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Appendix II

# Assay Sheets

**MINERAL • ENVIRONMENTS LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**
8282 SHERBROOKE STREET
VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0256-RA1**

Company: **BIG VALLEY RESOURCES** Date: JUN-10-96
Project:
Attn: L. Tattersal / E. Livgard

*We hereby certify* the following Assay of 24 core samples submitted JUN-03-96 by L. Tattersal.

| Sample Number | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|
| 96-50 34273 (96-50) | .01 | .001 | .007 |
| 34274 | .01 | .001 | .014 |
| 34275 | .01 | .001 | .009 |
| 34276 | .01 | .001 | .007 |
| 34277 | .01 | .001 | .009 |
| 34278 | .01 | .001 | .009 |
| 34279 | .01 | .001 | .009 |
| 34280 | .02 | .001 | .007 |
| 34281 | .01 | .001 | .009 |
| 34282 | .01 | .001 | .009 |
| 34283 | .01 | .001 | .011 |
| 34284 | .01 | .001 | .008 |
| 34285 | .01 | .001 | .009 |
| 34286 | .01 | .001 | .008 |
| 34287 | .02 | .001 | .006 |
| 34288 | .01 | .001 | .008 |
| 34289 | .02 | .001 | .017 |
| 34290 | .01 | .001 | .011 |
| 34291 | .01 | .001 | .011 |
| 34292 | .01 | .001 | .010 |
| 34293 | .01 | .001 | .018 |
| 34294 | .01 | .001 | .012 |
| 34295 | .01 | .001 | .046 |
| 34296 | .15 | .004 | .715 |

*Certified by* _____

MIN-EN LABORATORIES

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## *Assay Certificate*

**6V-0256-RA2**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: L. Tattersal / E. Livgard

Date: JUN-10-96

*We hereby certify* the following Assay of 24 CORE samples submitted JUN-03-96 by L. Tattersal.

| Sample Number | | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|---|
| 34297 | 77-79 (96-50) | .50 | .015 | 1.595 |
| 34298 | | .20 | .006 | .562 |
| 34299 | | .05 | .001 | .012 |
| 34300 | | .01 | .001 | .007 |
| 34301 | 85-87 | .01 | .001 | .006 |
| 34302 | | .01 | .001 | .007 |
| 34303 | | .09 | .003 | .203 |
| 34304 | | .08 | .002 | .165 |
| 34305 | | .12 | .004 | .207 |
| 34306 | 95-97 | .08 | .002 | .228 |
| 34307 | | .15 | .004 | .579 |
| 34308 | | .34 | .010 | 1.205 |
| 34309 | | .22 | .006 | 1.305 |
| 34310 | | .08 | .002 | .328 |
| 34311 | 105-107 | .14 | .004 | .637 |
| 34312 | | .17 | .005 | .708 |
| 34313 | | .32 | .009 | 1.204 |
| 34314 | | .20 | .006 | .599 |
| 34315 | | .14 | .004 | .384 |
| 34316 | 115-117 | .13 | .004 | .278 |
| 34317 | | .09 | .003 | .221 |
| 34318 | | .10 | .003 | .167 |
| 34319 | | .10 | .003 | .219 |
| 34320 | 123-125 | .15 | .004 | .320 |

*Certified by* _____

MIN-EN LABORATORIES

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## *Assay Certificate*

**6V-0256-RA3**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: L. Tattersal / E. Livgard

Date: JUN-10-96

*We hereby certify* the following Assay of 23 CORE samples submitted JUN-03-96 by L. Tattersal.

| Sample Number | | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|---|
| 34321 | 125-127 (96-50) | .15 | .004 | .352 |
| 34322 | | .15 | .004 | .345 |
| 34323 | | .05 | .001 | .164 |
| 34324 | | .02 | .001 | .066 |
| 34325 | 133-135 | .03 | .001 | .081 |
| 34326 | | .08 | .002 | .070 |
| 34327 | | .40 | .012 | .704 |
| 34328 | | .35 | .010 | .451 |
| 34329 | | .48 | .014 | .783 |
| 34330 | 143-145 | .40 | .012 | .469 |
| 34331 | | .01 | .001 | .037 |
| 34332 | | .01 | .001 | .021 |
| 34333 | | .02 | .001 | .019 |
| 34334 | | .01 | .001 | .010 |
| 34335 | 153-155 | .02 | .001 | .025 |
| 34336 | | .02 | .001 | .015 |
| 34337 | | .01 | .001 | .011 |
| 34338 | | .03 | .001 | .012 |
| 34339 | | .01 | .001 | .022 |
| 34340 | 163-165 | .02 | .001 | .015 |
| 34341 | | .01 | .001 | .030 |
| 34342 | | .02 | .001 | .045 |
| 34343 | 169-170.7 (EOH) | .02 | .001 | .064 |

*Certified by* _____

MIN-EN LABORATORIES

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: L. Tattersal / E. Livgard

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0256-RJ1+2
DATE: 96/06/10
* * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34273 | .1 | .83 | 1 | 110 | .1 | 1 | 3.26 | .1 | 5 | 13 | 50 | 2.29 | 1 | .21 | 25 | .57 | 1079 | 6 | .02 | 6 | 770 | 23 | 1 | 1 | 100 | 1 | .01 | 1 | 69.6 | 1 | 52 |
| 34274 | .1 | 1.61 | 1 | 227 | .1 | 60 | 6.10 | .1 | 19 | 22 | 121 | 4.71 | 1 | .23 | 39 | 1.82 | 2164 | 10 | .03 | 19 | 1440 | 1 | 2 | 3 | 188 | 1 | .05 | 1 | 146.2 | 1 | 63 |
| 34275 | .1 | .79 | 1 | 200 | .1 | 5 | 3.68 | .1 | 5 | 12 | 84 | 2.21 | 1 | .16 | 18 | .58 | 1072 | 5 | .03 | 5 | 770 | 17 | 1 | 1 | 108 | 1 | .01 | 1 | 78.0 | 1 | 48 |
| 34276 | .1 | .75 | 1 | 125 | .1 | 1 | 3.44 | .1 | 5 | 17 | 56 | 2.40 | 1 | .19 | 18 | .48 | 1076 | 7 | .03 | 6 | 770 | 23 | 1 | 1 | 115 | 1 | .01 | 1 | 60.9 | 1 | 63 |
| 34277 | .1 | .74 | 1 | 96 | .1 | 1 | 3.61 | .1 | 5 | 12 | 66 | 2.48 | 1 | .20 | 20 | .45 | 1168 | 8 | .03 | 6 | 900 | 32 | 1 | 1 | 118 | 1 | .01 | 1 | 57.2 | 1 | 50 |
| 34278 | .1 | .85 | 1 | 138 | .1 | 2 | 3.80 | .1 | 6 | 16 | 88 | 2.43 | 1 | .22 | 22 | .57 | 1293 | 8 | .03 | 7 | 910 | 22 | 1 | 1 | 175 | 1 | .01 | 1 | 79.4 | 1 | 61 |
| 34279 | .1 | .83 | 1 | 80 | .1 | 3 | 3.53 | .1 | 5 | 12 | 90 | 2.39 | 1 | .21 | 21 | .59 | 1152 | 6 | .03 | 7 | 800 | 18 | 1 | 1 | 165 | 1 | .01 | 1 | 88.9 | 1 | 61 |
| 34280 | .1 | .79 | 1 | 61 | .1 | 3 | 3.91 | .1 | 4 | 14 | 59 | 2.09 | 1 | .22 | 17 | .48 | 1118 | 6 | .03 | 7 | 770 | 23 | 1 | 1 | 186 | 1 | .01 | 1 | 81.8 | 1 | 56 |
| 34281 | .1 | .76 | 1 | 52 | .1 | 2 | 4.13 | .1 | 5 | 11 | 66 | 2.33 | 1 | .21 | 16 | .47 | 1240 | 8 | .03 | 6 | 770 | 44 | 1 | 1 | 182 | 1 | .01 | 1 | 66.0 | 1 | 57 |
| 34282 | .1 | .77 | 1 | 48 | .1 | 14 | 3.60 | .1 | 4 | 10 | 89 | 2.23 | 1 | .19 | 15 | .55 | 1191 | 6 | .02 | 7 | 770 | 18 | 1 | 1 | 177 | 1 | .01 | 1 | 94.3 | 1 | 64 |
| 34283 | .1 | .77 | 1 | 39 | .1 | 17 | 3.21 | .1 | 5 | 9 | 105 | 2.23 | 1 | .18 | 18 | .60 | 1202 | 6 | .02 | 7 | 780 | 20 | 1 | 1 | 142 | 1 | .01 | 1 | 90.9 | 1 | 62 |
| 34284 | .1 | .91 | 4 | 55 | .1 | 11 | 3.54 | .1 | 5 | 11 | 53 | 2.13 | 1 | .20 | 20 | .67 | 1273 | 6 | .02 | 6 | 770 | 21 | 1 | 1 | 166 | 1 | .01 | 1 | 85.1 | 1 | 65 |
| 34285 | .1 | .88 | 1 | 61 | .1 | 11 | 3.53 | .1 | 5 | 10 | 62 | 2.26 | 1 | .18 | 19 | .68 | 1283 | 6 | .02 | 7 | 770 | 19 | 1 | 1 | 179 | 1 | .01 | 1 | 87.2 | 1 | 60 |
| 34286 | .1 | .78 | 1 | 55 | .1 | 9 | 3.65 | .1 | 5 | 10 | 58 | 2.13 | 1 | .19 | 16 | .55 | 1284 | 6 | .02 | 6 | 790 | 24 | 1 | 1 | 165 | 1 | .01 | 1 | 81.8 | 1 | 60 |
| 34287 | .1 | .84 | 29 | 46 | .1 | 32 | 3.07 | .1 | 5 | 9 | 36 | 2.23 | 1 | .14 | 20 | .78 | 1434 | 6 | .02 | 8 | 790 | 4 | 1 | 1 | 162 | 1 | .03 | 1 | 91.7 | 1 | 60 |
| 34288 | .1 | .80 | 1 | 45 | .1 | 27 | 3.98 | .1 | 5 | 11 | 57 | 2.28 | 1 | .19 | 18 | .60 | 1362 | 7 | .03 | 8 | 860 | 22 | 1 | 1 | 168 | 1 | .02 | 1 | 86.4 | 1 | 60 |
| 34289 | .1 | 1.04 | 1 | 46 | .1 | 3 | 5.18 | .1 | 9 | 10 | 186 | 3.16 | 1 | .20 | 25 | .82 | 1787 | 8 | .03 | 10 | 1330 | 18 | 1 | 2 | 189 | 1 | .01 | 1 | 112.4 | 1 | 82 |
| 34290 | .1 | 1.04 | 1 | 47 | .1 | 3 | 5.72 | .1 | 9 | 10 | 117 | 3.19 | 1 | .20 | 23 | .85 | 1763 | 7 | .03 | 9 | 1340 | 13 | 1 | 2 | 184 | 1 | .01 | 1 | 105.8 | 1 | 83 |
| 34291 | .1 | 1.08 | 10 | 178 | .1 | 9 | 5.44 | .1 | 8 | 12 | 122 | 3.17 | 1 | .22 | 23 | .84 | 1728 | 7 | .03 | 9 | 1360 | 12 | 1 | 2 | 206 | 1 | .01 | 1 | 114.7 | 1 | 103 |
| 34292 | .1 | 1.14 | 6 | 125 | .1 | 4 | 4.94 | .1 | 9 | 11 | 105 | 3.17 | 1 | .23 | 26 | .86 | 1776 | 7 | .02 | 9 | 1380 | 12 | 1 | 2 | 205 | 1 | .01 | 1 | 107.3 | 1 | 83 |
| 34293 | .1 | .94 | 14 | 99 | .1 | 2 | 6.05 | .1 | 7 | 9 | 194 | 2.78 | 1 | .20 | 22 | .67 | 1764 | 6 | .02 | 8 | 1360 | 16 | 1 | 2 | 213 | 1 | .01 | 1 | 97.9 | 1 | 71 |
| 34294 | .1 | 1.02 | 15 | 51 | .1 | 13 | 5.25 | .1 | 8 | 9 | 135 | 2.83 | 1 | .20 | 24 | .79 | 1850 | 7 | .02 | 8 | 1250 | 21 | 1 | 2 | 215 | 1 | .01 | 1 | 105.9 | 1 | 94 |
| 34295 | .1 | 1.03 | 23 | 52 | .1 | 25 | 4.47 | .1 | 8 | 12 | 486 | 2.80 | 1 | .21 | 25 | .84 | 1708 | 6 | .02 | 9 | 1050 | 15 | 1 | 2 | 206 | 1 | .02 | 1 | 107.0 | 1 | 83 |
| 34296 | 3.7 | 1.11 | 10 | 51 | .1 | 47 | 6.13 | .1 | 11 | 12 | 6995 | 3.24 | 1 | .18 | 28 | 1.03 | 2370 | 8 | .02 | 13 | 1370 | 34 | 1 | 3 | 233 | 1 | .04 | 1 | 120.6 | 1 | 129 |
| 34297 | 10.5 | 1.49 | 43 | 149 | .1 | 342 | 7.85 | .1 | 21 | 15 | >10000 | 4.74 | 1 | .22 | 47 | 1.30 | 3242 | 12 | .03 | 21 | 1730 | 67 | 33 | 4 | 290 | 1 | .05 | 1 | 174.5 | 1 | 177 |
| 34298 | 4.3 | 1.71 | 69 | 92 | .1 | 114 | 8.11 | .1 | 18 | 15 | 6197 | 4.25 | 1 | .24 | 62 | 1.54 | 3382 | 10 | .03 | 19 | 1650 | 26 | 24 | 4 | 279 | 1 | .03 | 1 | 162.0 | 1 | 175 |
| 34299 | .8 | 1.00 | 26 | 41 | .1 | 1 | 3.83 | .1 | 9 | 12 | 207 | 2.45 | 1 | .25 | 25 | .62 | 1514 | 7 | .03 | 11 | 860 | 38 | 8 | 2 | 216 | 1 | .03 | 1 | 90.9 | 1 | 82 |
| 34300 | .7 | .96 | 25 | 43 | .1 | 1 | 3.92 | .1 | 10 | 15 | 98 | 2.57 | 1 | .25 | 20 | .61 | 1458 | 8 | .03 | 9 | 840 | 31 | 8 | 2 | 207 | 1 | .01 | 1 | 85.2 | 1 | 87 |
| 34301 | 1.0 | .88 | 29 | 76 | .1 | 1 | 3.98 | .1 | 9 | 12 | 64 | 2.37 | 1 | .23 | 19 | .56 | 1406 | 6 | .03 | 10 | 830 | 26 | 9 | 2 | 229 | 1 | .04 | 1 | 87.8 | 1 | 80 |
| 34302 | 1.4 | .84 | 28 | 105 | .1 | 4 | 3.45 | .1 | 9 | 14 | 85 | 2.44 | 1 | .20 | 17 | .56 | 1455 | 7 | .03 | 9 | 870 | 21 | 9 | 2 | 306 | 1 | .09 | 1 | 105.9 | 2 | 82 |
| 34303 | 2.0 | 1.31 | 52 | 195 | .1 | 45 | 5.13 | .1 | 16 | 16 | 2419 | 4.06 | 1 | .23 | 39 | 1.02 | 2311 | 10 | .03 | 16 | 1460 | 12 | 24 | 4 | 275 | 1 | .08 | 1 | 160.9 | 1 | 123 |
| 34304 | 2.0 | 1.44 | 47 | 59 | .1 | 33 | 6.22 | .1 | 18 | 17 | 1992 | 4.70 | 1 | .23 | 40 | 1.19 | 3010 | 10 | .03 | 18 | 1690 | 11 | 24 | 4 | 262 | 1 | .08 | 1 | 186.6 | 1 | 162 |
| 34305 | 2.0 | 1.54 | 48 | 237 | .1 | 39 | 8.22 | .1 | 20 | 14 | 2341 | 5.03 | 1 | .22 | 45 | 1.36 | 4015 | 11 | .03 | 21 | 1920 | 17 | 25 | 4 | 332 | 1 | .07 | 1 | 198.0 | 1 | 183 |
| 34306 | 2.0 | 1.58 | 76 | 136 | .1 | 42 | 8.10 | .1 | 20 | 16 | 2596 | 4.96 | 1 | .20 | 51 | 1.45 | 3912 | 11 | .03 | 21 | 1950 | 21 | 23 | 4 | 253 | 1 | .05 | 1 | 189.0 | 1 | 188 |
| 34307 | 4.1 | 1.54 | 44 | 56 | .1 | 117 | 6.15 | .1 | 22 | 15 | 6753 | 6.01 | 1 | .24 | 43 | 1.24 | 3241 | 13 | .03 | 20 | 1960 | 24 | 29 | 5 | 223 | 1 | .02 | 1 | 236.7 | 1 | 177 |
| 34308 | 7.7 | 1.75 | 37 | 36 | .1 | 253 | 6.12 | .1 | 26 | 18 | >10000 | 7.16 | 1 | .20 | 50 | 1.42 | 3694 | 18 | .02 | 23 | 2390 | 22 | 36 | 6 | 208 | 1 | .02 | 1 | 291.1 | 1 | 231 |
| 34309 | 5.8 | 1.51 | 2 | 57 | .1 | 204 | 7.06 | .1 | 37 | 16 | >10000 | 8.61 | 1 | .14 | 42 | 1.34 | 3995 | 16 | .03 | 26 | 2300 | 14 | 34 | 7 | 161 | 1 | .03 | 1 | 383.2 | 1 | 304 |
| 34310 | .1 | 1.32 | 1 | 97 | .1 | 31 | 6.35 | .1 | 46 | 16 | 3760 | 11.77 | 1 | .09 | 33 | 1.18 | 4064 | 17 | .03 | 26 | 2270 | 17 | 32 | 8 | 146 | 1 | .03 | 1 | 573.6 | 1 | 377 |
| 34311 | 2.0 | 1.29 | 1 | 41 | .1 | 106 | 6.64 | .1 | 39 | 16 | 7038 | 9.94 | 1 | .11 | 30 | 1.14 | 4269 | 15 | .03 | 27 | 2430 | 19 | 33 | 7 | 154 | 1 | .05 | 1 | 498.8 | 2 | 394 |
| 34312 | 2.0 | 1.51 | 1 | 189 | .1 | 118 | 6.01 | .1 | 47 | 15 | 8214 | 11.98 | 1 | .09 | 39 | 1.37 | 4415 | 20 | .03 | 30 | 3010 | 15 | 35 | 8 | 153 | 1 | .03 | 1 | 581.7 | 1 | 394 |
| 34313 | 5.6 | 1.50 | 1 | 140 | .1 | 238 | 6.36 | .1 | 44 | 15 | >10000 | 10.10 | 1 | .08 | 40 | 1.38 | 4501 | 17 | .03 | 28 | 2670 | 41 | 38 | 8 | 154 | 1 | .03 | 1 | 511.5 | 1 | 371 |
| 34314 | .9 | 1.32 | 1 | 72 | .1 | 85 | 6.91 | .1 | 47 | 14 | 6388 | 12.64 | 1 | .11 | 32 | 1.12 | 5176 | 21 | .02 | 30 | 3530 | 23 | 37 | 9 | 181 | 1 | .06 | 1 | 627.3 | 2 | 434 |
| 34315 | .1 | 1.28 | 1 | 82 | .1 | 48 | 7.43 | .1 | 40 | 15 | 3982 | 10.69 | 1 | .15 | 32 | 1.08 | 4854 | 17 | .02 | 26 | 4050 | 7 | 34 | 8 | 211 | 1 | .06 | 1 | 539.4 | 2 | 402 |
| 34316 | .1 | 1.17 | 1 | 162 | .1 | 35 | 5.97 | .1 | 37 | 17 | 3135 | 9.55 | 1 | .12 | 28 | .97 | 3968 | 42 | .03 | 24 | 3250 | 14 | 31 | 7 | 199 | 1 | .05 | 1 | 487.8 | 3 | 332 |
| 34317 | .1 | 1.30 | 1 | 94 | .1 | 12 | 6.71 | .1 | 43 | 15 | 2538 | 11.65 | 1 | .12 | 32 | 1.12 | 4446 | 17 | .03 | 27 | 3830 | 1 | 32 | 8 | 198 | 1 | .05 | 1 | 559.6 | 2 | 420 |
| 34318 | .1 | 1.51 | 1 | 49 | .1 | 3 | 6.89 | .1 | 41 | 18 | 1872 | 10.89 | 1 | .17 | 39 | 1.23 | 4509 | 67 | .03 | 27 | 3250 | 1 | 32 | 8 | 215 | 1 | .05 | 1 | 513.1 | 1 | 389 |
| 34319 | 1.1 | 1.49 | 60 | 77 | .1 | 33 | 7.17 | .1 | 20 | 17 | 2445 | 5.57 | 1 | .18 | 35 | 1.26 | 3684 | 14 | .03 | 21 | 2090 | 15 | 25 | 4 | 212 | 1 | .02 | 1 | 252.0 | 1 | 202 |
| 34320 | 2.3 | 1.44 | 55 | 113 | .1 | 60 | 7.50 | .1 | 18 | 18 | 3498 | 4.58 | 1 | .21 | 34 | 1.18 | 3395 | 11 | .03 | 19 | 2190 | 23 | 25 | 4 | 246 | 1 | .03 | 1 | 196.9 | 1 | 185 |

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: L. Tattersal / E. Livgard

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0256-RJ3
DATE: 96/06/10
* * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34321 | 2.2 | 1.19 | 1 | 55 | .1 | 30 | 6.11 | .1 | 17 | 15 | 3535 | 4.04 | 1 | .18 | 26 | 1.04 | 2695 | 10 | .03 | 15 | 1840 | 11 | 17 | 3 | 224 | 1 | .03 | 1 | 181.6 | 1 | 152 |
| 34322 | 1.9 | 1.43 | 1 | 65 | .1 | 54 | 6.67 | .1 | 20 | 15 | 3690 | 4.93 | 1 | .19 | 33 | 1.53 | 3361 | 11 | .03 | 19 | 2790 | 10 | 15 | 3 | 254 | 1 | .05 | 1 | 217.3 | 1 | 168 |
| 34323 | 1.2 | 1.04 | 1 | 57 | .1 | 51 | 5.88 | .1 | 13 | 15 | 1862 | 3.36 | 1 | .21 | 20 | .99 | 2281 | 17 | .03 | 13 | 1580 | 5 | 4 | 2 | 259 | 1 | .04 | 1 | 128.4 | 1 | 97 |
| 34324 | .6 | 1.04 | 7 | 67 | .1 | 9 | 5.93 | .1 | 15 | 14 | 744 | 3.65 | 1 | .23 | 24 | .95 | 2408 | 17 | .03 | 14 | 1520 | 22 | 4 | 3 | 234 | 1 | .01 | 1 | 110.0 | 1 | 137 |
| 34325 | .4 | .76 | 30 | 134 | .1 | 2 | 6.03 | .1 | 13 | 13 | 914 | 3.54 | 1 | .23 | 11 | 1.23 | 2574 | 9 | .03 | 15 | 1510 | 1 | 3 | 3 | 366 | 1 | .01 | 1 | 135.3 | 1 | 117 |
| 34326 | .1 | .63 | 1 | 63 | .1 | 1 | 5.89 | .1 | 12 | 12 | 776 | 3.83 | 1 | .26 | 7 | .80 | 2633 | 8 | .03 | 13 | 1860 | 7 | 3 | 3 | 398 | 1 | .01 | 1 | 159.4 | 1 | 111 |
| 34327 | 1.5 | .72 | 1 | 111 | .1 | 7 | 6.08 | .1 | 45 | 15 | 7505 | 10.52 | 1 | .13 | 14 | .84 | 4608 | 18 | .02 | 24 | 5120 | 13 | 26 | 7 | 288 | 1 | .01 | 1 | 500.8 | 1 | 362 |
| 34328 | .3 | .87 | 1 | 114 | .1 | 8 | 5.80 | .1 | 43 | 14 | 4921 | 10.16 | 1 | .13 | 16 | .96 | 4778 | 17 | .02 | 26 | 4090 | 1 | 22 | 7 | 260 | 1 | .01 | 1 | 496.7 | 1 | 438 |
| 34329 | 1.7 | 1.11 | 1 | 65 | .1 | 8 | 5.96 | .1 | 49 | 17 | 8698 | 10.69 | 1 | .13 | 23 | 1.10 | 4969 | 18 | .03 | 26 | 4430 | 13 | 25 | 7 | 286 | 1 | .01 | 1 | 516.3 | 1 | 458 |
| 34330 | .8 | 1.24 | 1 | 112 | .1 | 8 | 6.00 | .1 | 50 | 12 | 5228 | 9.83 | 1 | .10 | 24 | 1.22 | 5150 | 17 | .02 | 26 | 3130 | 3 | 21 | 7 | 265 | 1 | .01 | 1 | 464.8 | 1 | 418 |
| 34331 | .2 | .47 | 1 | 170 | .1 | 1 | 3.62 | .1 | 10 | 13 | 447 | 2.62 | 1 | .22 | 6 | .40 | 1429 | 6 | .02 | 8 | 940 | 20 | 3 | 1 | 212 | 1 | .01 | 1 | 83.0 | 1 | 66 |
| 34332 | .4 | .41 | 1 | 177 | .1 | 1 | 4.26 | .1 | 8 | 11 | 212 | 2.34 | 1 | .23 | 3 | .53 | 1668 | 6 | .03 | 9 | 750 | 22 | 1 | 1 | 223 | 1 | .01 | 1 | 54.1 | 1 | 47 |
| 34333 | .2 | .44 | 1 | 83 | .1 | 1 | 3.42 | .1 | 8 | 14 | 202 | 2.35 | 1 | .22 | 4 | .28 | 1325 | 7 | .03 | 7 | 870 | 25 | 4 | 1 | 209 | 1 | .01 | 1 | 56.3 | 1 | 46 |
| 34334 | .3 | .73 | 26 | 336 | .1 | 37 | 2.97 | .1 | 7 | 11 | 89 | 2.32 | 1 | .21 | 10 | .52 | 1808 | 6 | .03 | 9 | 960 | 15 | 3 | 1 | 261 | 1 | .03 | 1 | 89.9 | 1 | 63 |
| 34335 | .2 | .60 | 1 | 105 | .1 | 8 | 3.75 | .1 | 9 | 14 | 261 | 2.76 | 1 | .21 | 8 | .56 | 1903 | 6 | .03 | 10 | 1050 | 10 | 3 | 2 | 218 | 1 | .01 | 1 | 112.6 | 1 | 101 |
| 34336 | .3 | .42 | 33 | 79 | .1 | 1 | 4.19 | .1 | 8 | 14 | 137 | 2.43 | 1 | .22 | 4 | .70 | 1760 | 6 | .03 | 9 | 850 | 10 | 1 | 1 | 221 | 1 | .01 | 1 | 84.3 | 1 | 70 |
| 34337 | .3 | .58 | 11 | 50 | .1 | 6 | 4.39 | .1 | 8 | 17 | 95 | 2.53 | 1 | .21 | 8 | .46 | 1840 | 6 | .04 | 9 | 900 | 22 | 4 | 1 | 191 | 1 | .01 | 1 | 77.6 | 1 | 61 |
| 34338 | .4 | .72 | 1 | 41 | .1 | 42 | 3.41 | .1 | 8 | 14 | 108 | 2.64 | 1 | .20 | 12 | .51 | 1643 | 6 | .04 | 9 | 930 | 14 | 3 | 1 | 175 | 1 | .03 | 1 | 108.7 | 1 | 62 |
| 34339 | .1 | .87 | 1 | 42 | .1 | 8 | 3.79 | .1 | 11 | 16 | 221 | 3.83 | 1 | .20 | 15 | .64 | 1841 | 8 | .04 | 12 | 1130 | 11 | 5 | 3 | 184 | 1 | .01 | 1 | 160.0 | 1 | 104 |
| 34340 | .1 | .81 | 1 | 107 | .1 | 3 | 3.81 | .1 | 12 | 14 | 142 | 3.75 | 1 | .19 | 15 | .63 | 2172 | 10 | .03 | 12 | 1160 | 20 | 4 | 3 | 189 | 1 | .01 | 1 | 139.0 | 1 | 123 |
| 34341 | .1 | 1.28 | 1 | 111 | .1 | 4 | 5.84 | .1 | 40 | 13 | 322 | 9.76 | 1 | .11 | 25 | 1.18 | 3971 | 18 | .03 | 22 | 2630 | 1 | 17 | 7 | 200 | 1 | .01 | 1 | 471.6 | 1 | 312 |
| 34342 | .1 | 1.23 | 1 | 91 | .1 | 7 | 5.97 | .1 | 41 | 13 | 491 | 10.70 | 1 | .10 | 23 | 1.14 | 4463 | 18 | .03 | 24 | 2580 | 1 | 19 | 7 | 201 | 1 | .01 | 1 | 551.4 | 1 | 351 |
| 34343 | .1 | 1.57 | 1 | 72 | .1 | 8 | 5.37 | .1 | 52 | 14 | 691 | 13.22 | 1 | .08 | 31 | 1.39 | 4554 | 39 | .03 | 28 | 3660 | 2 | 22 | 9 | 200 | 1 | .02 | 1 | 694.8 | 1 | 424 |

MINERAL
•ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**
8282 SHERBROOKE STREET
VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
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**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0275-RA1**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Lloyd Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 core samples submitted JUN-12-96 by Big Valley Res..

| Sample Number | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|
| 96-53 34645 (106-108) (96-53) | .04 | .001 | .156 |
| 34646 | .02 | .001 | .009 |
| 34647 | .01 | .001 | .021 |
| 34648 | .01 | .001 | .012 |
| 34649 116 | .01 | .001 | .016 |
| 34650 | .01 | .001 | .015 |
| 34651 | .03 | .001 | .101 |
| 34652 | .02 | .001 | .066 |
| 34653 | .02 | .001 | .064 |
| 34654 126 | .01 | .001 | .025 |
| 34655 | .02 | .001 | .069 |
| 34656 | .02 | .001 | .050 |
| 34657 | .01 | .001 | .027 |
| 34658 | .01 | .001 | .022 |
| 34659 136 | .01 | .001 | .024 |
| 34660 | .01 | .001 | .024 |
| 34661 | .01 | .001 | .031 |
| 34662 | .01 | .001 | .046 |
| 34663 | .01 | .001 | .033 |
| 34664 146 | .02 | .001 | .055 |
| 34665 | .02 | .001 | .061 |
| 34666 | .02 | .001 | .045 |
| 34667 | .01 | .001 | .011 |
| 34668 154 | .01 | .001 | .010 |

*Certified by* _____

MIN-EN LABORATORIES

**MINERAL •ENVIRONMENTS LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**
8282 SHERBROOKE STREET
VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0275-RA2**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Lloyd Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 core samples submitted JUN-12-96 by Big Valley Res..

| Sample Number | | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|---|
| 96-53 34669 | 154-156 (96-53) | .01 | .001 | .011 |
| 34670 | | .01 | .001 | .012 |
| 34671 | | .01 | .001 | .014 |
| 34672 | | .01 | .001 | .010 |
| 34673 | 164-166 | .01 | .001 | .010 |
| 34674 | | .01 | .001 | .009 |
| 34675 | | .01 | .001 | .012 |
| 34676 | | .01 | .001 | .008 |
| 34677 | | .01 | .001 | .011 |
| 34678 | 174-176 | .01 | .001 | .010 |
| 34679 | | .01 | .001 | .011 |
| 34680 | | .01 | .001 | .010 |
| 34681 | | .01 | .001 | .013 |
| 34682 | 182-182.9 Eom | .01 | .001 | .013 |
| 96-52 34683 | 4-6 (96-52) | .05 | .001 | .197 |
| 34684 | | .06 | .002 | .199 |
| 34685 | | .11 | .003 | .398 |
| 34686 | | .05 | .001 | .181 |
| 34687 | | .01 | .001 | .061 |
| 34688 | 14-16 | .06 | .002 | .334 |
| 34689 | | .04 | .001 | .183 |
| 34690 | | .04 | .001 | .165 |
| 34691 | | .09 | .003 | .384 |
| 34692 | 22-24 | .04 | .001 | .215 |

*Certified by* _____

MIN-EN LABORATORIES

MIN ERAL
•EN VIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**
8282 SHERBROOKE STREET
VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0275-RA3**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Lloyd Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 core samples submitted JUN-12-96 by Big Valley Res..

| Sample Number | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|
| 96-52 34693 24-26 (96-52) | .05 | .001 | .221 |
| 34694 | .02 | .001 | .105 |
| 34695 | .04 | .001 | .146 |
| 34696 | .02 | .001 | .089 |
| 34697 32-34 | .03 | .001 | .176 |
| 34698 | .01 | .001 | .078 |
| 34699 | .01 | .001 | .067 |
| 34700 | .01 | .001 | .055 |
| 34701 | .06 | .002 | .097 |
| 34702 42-44 | .01 | .001 | .041 |
| 34703 | .01 | .001 | .050 |
| 34704 | .01 | .001 | .048 |
| 34705 | .02 | .001 | .107 |
| 34706 | .01 | .001 | .056 |
| 34707 52-54 | .01 | .001 | .066 |
| 34708 | .01 | .001 | .063 |
| 34709 | .01 | .001 | .035 |
| 34710 | .01 | .001 | .031 |
| 34711 | .01 | .001 | .040 |
| 34712 62-64 | .01 | .001 | .035 |
| 34713 | .01 | .001 | .038 |
| 34714 | .01 | .001 | .025 |
| 34715 | .20 | .006 | .584 |
| 34716 72-72 | .31 | .009 | .861 |

*Certified by* _____

MIN-EN LABORATORIES

MINERAL
•ENVIRONMENTS
LABORATORIES
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**VANCOUVER OFFICE:**
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**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0275-RA4**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Lloyd Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 14 core samples submitted JUN-12-96 by Big Valley Res..

| Sample Number | Au-FIRE g/tonne | Au-FIRE oz/ton | Cu % |
|---|---|---|---|
| 96-52 34717 72-74 (96-52) | .29 | .008 | .995 |
| 34718 | .12 | .004 | .343 |
| 34719 | .02 | .001 | .048 |
| 34720 | .01 | .001 | .039 |
| 34721 80-82 | .02 | .001 | .040 |
| 34722 | .02 | .001 | .033 |
| 34723 | .04 | .001 | .045 |
| 34724 | .03 | .001 | .021 |
| 34725 | .02 | .001 | .016 |
| 34726 90-92 | .04 | .001 | .031 |
| 34727 | .01 | .001 | .020 |
| 34728 | .03 | .001 | .016 |
| 34729 | .02 | .001 | .021 |
| 34730 98-100 | .01 | .001 | .021 |

*Certified by* _____

MIN-EN LABORATORIES

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: Lloyd Tattersall

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0275-RJ1+2
DATE: 96/06/20
* * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34645 | 1.2 | .38 | 75 | 147 | .1 | 26 | 2.35 | .1 | 7 | 20 | 1626 | 2.03 | 1 | .25 | 3 | .55 | 955 | 16 | .02 | 8 | 530 | 25 | 1 | 1 | 182 | 1 | .01 | 1 | 37.6 | 1 | 33 |
| 34646 | .6 | .30 | 13 | 79 | .1 | 1 | 2.55 | .1 | 4 | 24 | 81 | 1.50 | 1 | .17 | 2 | .41 | 1118 | 5 | .03 | 7 | 520 | 1 | 1 | 1 | 160 | 1 | .01 | 1 | 41.0 | 2 | 42 |
| 34647 | .8 | .98 | 87 | 54 | .1 | 1 | 4.73 | .1 | 11 | 17 | 199 | 2.79 | 1 | .17 | 20 | .80 | 1722 | 11 | .03 | 11 | 1080 | 17 | 5 | 2 | 169 | 1 | .01 | 1 | 97.8 | 1 | 85 |
| 34648 | .5 | 1.23 | 86 | 73 | .1 | 1 | 3.88 | .1 | 13 | 19 | 125 | 3.46 | 1 | .16 | 26 | 1.18 | 1698 | 10 | .03 | 14 | 1510 | 1 | 4 | 2 | 179 | 1 | .01 | 1 | 112.5 | 1 | 59 |
| 34649 | .2 | 1.79 | 154 | 230 | .1 | 1 | 3.95 | .1 | 19 | 11 | 141 | 5.01 | 1 | .24 | 46 | 2.10 | 2452 | 12 | .03 | 20 | 2180 | 1 | 15 | 4 | 316 | 1 | .03 | 1 | 157.5 | 1 | 63 |
| 34650 | .3 | 1.67 | 156 | 42 | .1 | 1 | 5.28 | .1 | 18 | 13 | 138 | 4.85 | 1 | .14 | 36 | 1.77 | 2135 | 15 | .04 | 18 | 2190 | 1 | 18 | 4 | 206 | 1 | .01 | 1 | 164.7 | 1 | 65 |
| 34651 | 1.0 | 1.44 | 86 | 86 | .1 | 8 | 4.98 | .1 | 14 | 13 | 1006 | 3.62 | 1 | .18 | 33 | 1.24 | 1986 | 15 | .04 | 15 | 1710 | 9 | 13 | 3 | 186 | 1 | .01 | 1 | 131.4 | 1 | 120 |
| 34652 | .9 | .85 | 79 | 104 | .1 | 6 | 3.90 | .1 | 9 | 20 | 636 | 2.51 | 1 | .15 | 18 | .69 | 1553 | 8 | .03 | 11 | 1010 | 17 | 5 | 2 | 174 | 1 | .01 | 1 | 94.7 | 1 | 72 |
| 34653 | 1.0 | .83 | 84 | 87 | .1 | 7 | 4.13 | .1 | 9 | 19 | 642 | 2.42 | 1 | .14 | 16 | .68 | 1687 | 8 | .03 | 11 | 940 | 20 | 5 | 2 | 189 | 1 | .01 | 1 | 83.6 | 1 | 80 |
| 34654 | 1.0 | .86 | 100 | 40 | .1 | 1 | 3.86 | .1 | 8 | 10 | 224 | 2.38 | 1 | .16 | 17 | .72 | 1611 | 8 | .02 | 10 | 930 | 20 | 4 | 2 | 193 | 1 | .01 | 1 | 94.3 | 1 | 72 |
| 34655 | 1.3 | 1.66 | 162 | 61 | .1 | 4 | 7.51 | .1 | 16 | 15 | 706 | 3.67 | 1 | .17 | 41 | 1.98 | 3198 | 11 | .03 | 20 | 2030 | 1 | 15 | 3 | 277 | 1 | .03 | 1 | 136.6 | 1 | 139 |
| 34656 | .9 | 1.26 | 141 | 57 | .1 | 1 | 7.13 | .1 | 15 | 16 | 494 | 3.75 | 1 | .18 | 27 | 1.72 | 3167 | 11 | .03 | 20 | 1910 | 1 | 15 | 3 | 282 | 1 | .01 | 1 | 162.8 | 1 | 122 |
| 34657 | .8 | .47 | 91 | 82 | .1 | 1 | 4.15 | .1 | 9 | 17 | 263 | 2.24 | 1 | .18 | 8 | .64 | 1537 | 6 | .03 | 10 | 1230 | 16 | 2 | 2 | 185 | 1 | .01 | 1 | 72.4 | 1 | 74 |
| 34658 | 1.1 | .39 | 129 | 63 | .1 | 1 | 4.07 | .1 | 8 | 15 | 199 | 2.35 | 1 | .15 | 6 | .85 | 1469 | 7 | .04 | 10 | 940 | 2 | 1 | 2 | 153 | 1 | .01 | 1 | 72.9 | 1 | 69 |
| 34659 | .9 | .33 | 88 | 85 | .1 | 1 | 3.48 | .1 | 9 | 17 | 217 | 2.25 | 1 | .16 | 4 | .51 | 1326 | 7 | .03 | 9 | 910 | 1 | 3 | 1 | 158 | 1 | .01 | 1 | 59.6 | 2 | 60 |
| 34660 | 1.1 | .31 | 130 | 132 | .1 | 1 | 3.24 | .1 | 8 | 15 | 218 | 2.32 | 1 | .15 | 4 | .82 | 1471 | 8 | .03 | 11 | 900 | 1 | 1 | 2 | 143 | 1 | .01 | 1 | 74.9 | 1 | 63 |
| 34661 | .9 | .54 | 150 | 117 | .1 | 1 | 5.23 | .1 | 10 | 12 | 293 | 2.98 | 1 | .24 | 5 | 1.27 | 1804 | 8 | .03 | 13 | 1340 | 1 | 1 | 2 | 275 | 1 | .01 | 1 | 113.9 | 1 | 95 |
| 34662 | 1.1 | .67 | 108 | 176 | .1 | 1 | 5.13 | .1 | 13 | 15 | 460 | 3.64 | 1 | .23 | 11 | 1.12 | 2098 | 11 | .03 | 16 | 1700 | 7 | 3 | 2 | 278 | 1 | .01 | 1 | 92.2 | 1 | 105 |
| 34663 | .7 | .72 | 82 | 125 | .1 | 1 | 5.62 | .1 | 16 | 17 | 338 | 3.99 | 1 | .25 | 12 | 1.25 | 2293 | 13 | .03 | 16 | 1880 | 1 | 1 | 3 | 288 | 1 | .01 | 1 | 98.6 | 1 | 110 |
| 34664 | 1.0 | .69 | 67 | 102 | .1 | 1 | 5.32 | .1 | 17 | 13 | 560 | 4.16 | 1 | .25 | 10 | .96 | 2159 | 18 | .03 | 15 | 1920 | 31 | 6 | 3 | 259 | 1 | .01 | 1 | 88.8 | 1 | 113 |
| 34665 | .8 | 1.14 | 74 | 129 | .1 | 1 | 6.23 | .1 | 16 | 17 | 620 | 4.10 | 1 | .26 | 24 | 1.22 | 2537 | 15 | .04 | 17 | 2100 | 15 | 21 | 3 | 272 | 1 | .01 | 1 | 128.0 | 1 | 139 |
| 34666 | .7 | .62 | 44 | 94 | .1 | 1 | 4.45 | .1 | 14 | 15 | 469 | 4.12 | 1 | .26 | 10 | .91 | 1938 | 12 | .04 | 15 | 1580 | 27 | 4 | 3 | 238 | 1 | .01 | 1 | 91.4 | 1 | 124 |
| 34667 | .6 | .87 | 62 | 109 | .1 | 1 | 3.95 | .1 | 11 | 12 | 103 | 3.11 | 1 | .25 | 17 | .72 | 1597 | 9 | .04 | 11 | 1390 | 17 | 6 | 2 | 230 | 1 | .01 | 1 | 90.6 | 1 | 66 |
| 34668 | .7 | 1.00 | 64 | 124 | .1 | 1 | 4.04 | .1 | 13 | 12 | 91 | 3.45 | 1 | .19 | 22 | .90 | 1605 | 10 | .04 | 13 | 1500 | 13 | 6 | 2 | 198 | 1 | .01 | 1 | 102.7 | 1 | 69 |
| 34669 | .1 | .94 | 26 | 98 | .1 | 1 | 2.68 | .1 | 9 | 26 | 99 | 2.79 | 1 | .31 | 13 | .63 | 1313 | 9 | .04 | 10 | 1130 | 30 | 5 | 2 | 181 | 1 | .01 | 1 | 86.5 | 1 | 61 |
| 34670 | .1 | .88 | 13 | 101 | .1 | 1 | 2.62 | .1 | 8 | 33 | 127 | 2.51 | 1 | .29 | 10 | .57 | 1482 | 8 | .03 | 8 | 890 | 37 | 4 | 2 | 166 | 1 | .01 | 1 | 69.0 | 1 | 62 |
| 34671 | .1 | .64 | 1 | 102 | .1 | 1 | 2.73 | .1 | 8 | 31 | 140 | 2.34 | 1 | .31 | 2 | .44 | 1328 | 7 | .04 | 9 | 880 | 5 | 4 | 1 | 170 | 1 | .01 | 1 | 50.5 | 1 | 45 |
| 34672 | .1 | .75 | 37 | 54 | .1 | 1 | 2.70 | .1 | 8 | 20 | 83 | 2.33 | 1 | .26 | 8 | .51 | 1389 | 8 | .03 | 7 | 860 | 35 | 4 | 2 | 161 | 1 | .01 | 1 | 63.1 | 1 | 53 |
| 34673 | .1 | .67 | 26 | 102 | .1 | 1 | 2.93 | .1 | 7 | 31 | 79 | 2.35 | 1 | .25 | 6 | .40 | 1339 | 7 | .04 | 8 | 810 | 1 | 5 | 1 | 184 | 1 | .01 | 1 | 82.9 | 2 | 50 |
| 34674 | .1 | .71 | 34 | 194 | .1 | 1 | 2.83 | .1 | 7 | 20 | 81 | 2.38 | 1 | .26 | 7 | .49 | 1350 | 7 | .03 | 8 | 880 | 1 | 4 | 1 | 248 | 1 | .01 | 1 | 81.2 | 1 | 57 |
| 34675 | .1 | .82 | 37 | 135 | .1 | 1 | 2.60 | .1 | 8 | 35 | 132 | 2.60 | 1 | .29 | 10 | .59 | 1461 | 8 | .04 | 9 | 890 | 28 | 5 | 2 | 174 | 1 | .01 | 1 | 72.7 | 1 | 59 |
| 34676 | .1 | .59 | 2 | 84 | .1 | 1 | 3.16 | .1 | 7 | 17 | 75 | 2.17 | 1 | .24 | 6 | .46 | 1298 | 6 | .03 | 8 | 860 | 1 | 4 | 1 | 203 | 1 | .01 | 1 | 75.5 | 1 | 46 |
| 34677 | .1 | .40 | 46 | 39 | .1 | 1 | 4.12 | .1 | 8 | 27 | 79 | 2.32 | 1 | .18 | 2 | .48 | 1454 | 7 | .03 | 8 | 860 | 1 | 2 | 1 | 185 | 1 | .01 | 1 | 64.3 | 1 | 48 |
| 34678 | .2 | .35 | 48 | 65 | .1 | 1 | 3.47 | .1 | 6 | 13 | 97 | 1.95 | 1 | .18 | 1 | .63 | 1298 | 5 | .02 | 7 | 860 | 1 | 1 | 1 | 250 | 1 | .01 | 1 | 58.0 | 1 | 42 |
| 34679 | .2 | .64 | 48 | 137 | .1 | 1 | 4.16 | .1 | 9 | 26 | 100 | 2.48 | 1 | .21 | 8 | .60 | 1509 | 7 | .03 | 9 | 880 | 1 | 3 | 2 | 191 | 1 | .01 | 1 | 76.1 | 1 | 52 |
| 34680 | .1 | .74 | 62 | 83 | .1 | 1 | 3.25 | .1 | 8 | 20 | 85 | 2.38 | 1 | .16 | 13 | .68 | 1472 | 6 | .04 | 8 | 870 | 1 | 3 | 2 | 169 | 1 | .01 | 1 | 90.8 | 1 | 47 |
| 34681 | .3 | .88 | 88 | 78 | .1 | 1 | 3.21 | .1 | 8 | 30 | 139 | 2.40 | 1 | .17 | 19 | .89 | 1702 | 7 | .03 | 11 | 850 | 4 | 2 | 2 | 178 | 1 | .01 | 1 | 85.1 | 1 | 57 |
| 34682 | .2 | .78 | 82 | 105 | .1 | 1 | 2.94 | .1 | 7 | 25 | 114 | 2.34 | 1 | .22 | 14 | .77 | 1609 | 7 | .03 | 10 | 890 | 1 | 3 | 2 | 206 | 1 | .01 | 1 | 84.4 | 1 | 51 |
| 34683 | 1.4 | 1.56 | 38 | 81 | .1 | 29 | 4.50 | .1 | 15 | 26 | 2138 | 4.29 | 1 | .27 | 40 | 1.32 | 2394 | 12 | .03 | 17 | 1680 | 1 | 23 | 3 | 128 | 1 | .01 | 1 | 174.1 | 1 | 156 |
| 34684 | 1.5 | 1.41 | 42 | 91 | .1 | 31 | 4.46 | .1 | 14 | 30 | 2224 | 3.84 | 1 | .29 | 29 | 1.08 | 2025 | 10 | .04 | 16 | 1780 | 5 | 8 | 3 | 141 | 1 | .01 | 1 | 160.7 | 1 | 133 |
| 34685 | 2.8 | .67 | 1 | 388 | .1 | 79 | 3.36 | .1 | 8 | 32 | 4090 | 1.83 | 1 | .24 | 7 | .33 | 1921 | 24 | .02 | 9 | 1180 | 63 | 10 | 1 | 173 | 1 | .01 | 1 | 47.4 | 2 | 36 |
| 34686 | 1.2 | 1.03 | 59 | 94 | .1 | 30 | 4.03 | .1 | 11 | 17 | 1869 | 2.87 | 1 | .29 | 20 | .78 | 1659 | 14 | .03 | 12 | 1380 | 29 | 8 | 2 | 123 | 1 | .01 | 1 | 110.8 | 1 | 73 |
| 34687 | .9 | .96 | 65 | 97 | .1 | 6 | 3.95 | .1 | 9 | 29 | 630 | 2.47 | 1 | .25 | 17 | .61 | 1602 | 11 | .02 | 10 | 1180 | 26 | 7 | 2 | 121 | 1 | .01 | 1 | 90.6 | 1 | 72 |
| 34688 | 2.5 | .75 | 72 | 210 | .1 | 65 | 4.23 | .1 | 9 | 20 | 3351 | 2.32 | 1 | .21 | 14 | .47 | 1694 | 10 | .02 | 10 | 1180 | 59 | 10 | 2 | 122 | 1 | .01 | 1 | 63.6 | 1 | 67 |
| 34689 | 1.4 | 1.25 | 72 | 135 | .1 | 29 | 4.61 | .1 | 13 | 27 | 1893 | 3.32 | 1 | .38 | 33 | .75 | 1933 | 11 | .03 | 12 | 1460 | 64 | 13 | 2 | 149 | 1 | .01 | 1 | 92.8 | 1 | 103 |
| 34690 | 1.3 | 1.21 | 55 | 164 | .1 | 24 | 4.64 | .1 | 13 | 12 | 1681 | 3.20 | 1 | .43 | 30 | .73 | 1822 | 11 | .03 | 12 | 1550 | 54 | 12 | 2 | 146 | 1 | .01 | 1 | 85.3 | 1 | 72 |
| 34691 | 3.2 | 1.79 | 37 | 99 | .1 | 64 | 5.59 | .1 | 19 | 28 | 3886 | 4.95 | 1 | .31 | 60 | 1.39 | 2735 | 16 | .03 | 19 | 1920 | 28 | 29 | 4 | 153 | 1 | .01 | 1 | 182.0 | 1 | 162 |
| 34692 | 2.2 | 1.56 | 67 | 183 | .1 | 33 | 5.88 | .1 | 15 | 16 | 2159 | 3.82 | 1 | .29 | 50 | 1.23 | 2640 | 12 | .03 | 16 | 1610 | 26 | 26 | 3 | 158 | 1 | .01 | 1 | 140.0 | 1 | 150 |

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: Lloyd Tattersall

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0275-RJ3+4
DATE: 96/06/20
* * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34693 | 1.7 | 1.07 | 38 | 340 | .1 | 36 | 4.28 | .1 | 10 | 24 | 2219 | 2.90 | 1 | .22 | 30 | .72 | 1965 | 44 | .02 | 11 | 1670 | 36 | 9 | 2 | 158 | 1 | .01 | 1 | 107.2 | 1 | 119 |
| 34694 | 1.0 | 1.45 | 64 | 169 | .1 | 11 | 5.12 | .1 | 13 | 23 | 1070 | 3.47 | 1 | .25 | 44 | 1.14 | 2451 | 14 | .03 | 16 | 1640 | 14 | 20 | 3 | 175 | 1 | .01 | 1 | 127.5 | 1 | 142 |
| 34695 | 1.2 | 1.57 | 118 | 257 | .1 | 18 | 5.95 | .1 | 15 | 22 | 1452 | 3.81 | 1 | .22 | 49 | 1.27 | 2702 | 15 | .03 | 16 | 1840 | 13 | 21 | 3 | 186 | 1 | .01 | 1 | 147.5 | 1 | 146 |
| 34696 | 1.1 | 1.79 | 127 | 207 | .1 | 6 | 6.32 | .1 | 17 | 21 | 874 | 3.89 | 1 | .23 | 60 | 1.50 | 2862 | 20 | .04 | 17 | 1860 | 1 | 20 | 3 | 344 | 1 | .01 | 1 | 142.6 | 1 | 157 |
| 34697 | 1.4 | 1.37 | 65 | 231 | .1 | 23 | 4.56 | .1 | 12 | 23 | 1746 | 3.36 | 1 | .26 | 42 | 1.14 | 1880 | 12 | .03 | 12 | 1560 | 12 | 20 | 3 | 340 | 1 | .01 | 1 | 127.4 | 1 | 117 |
| 34698 | .8 | 1.18 | 65 | 120 | .1 | 5 | 4.15 | .1 | 12 | 15 | 749 | 3.27 | 1 | .26 | 32 | 1.03 | 1541 | 11 | .03 | 13 | 1490 | 12 | 19 | 2 | 219 | 1 | .01 | 1 | 126.9 | 1 | 109 |
| 34699 | .7 | 1.32 | 69 | 214 | .1 | 4 | 5.20 | .1 | 12 | 26 | 649 | 3.30 | 1 | .23 | 38 | 1.10 | 2000 | 10 | .03 | 14 | 1590 | 16 | 19 | 2 | 345 | 1 | .01 | 1 | 127.6 | 1 | 118 |
| 34700 | .8 | 1.47 | 87 | 350 | .1 | 1 | 5.25 | .1 | 13 | 19 | 511 | 3.39 | 1 | .16 | 45 | 1.36 | 2243 | 10 | .03 | 15 | 1710 | 4 | 18 | 3 | 400 | 1 | .01 | 1 | 133.8 | 1 | 130 |
| 34701 | 1.0 | 1.29 | 69 | 100 | .1 | 11 | 5.53 | .1 | 12 | 26 | 930 | 3.27 | 1 | .21 | 38 | 1.19 | 2102 | 10 | .03 | 15 | 1700 | 7 | 18 | 3 | 208 | 1 | .01 | 1 | 121.7 | 1 | 124 |
| 34702 | .6 | 1.40 | 69 | 222 | .1 | 1 | 5.29 | .1 | 14 | 18 | 385 | 3.56 | 1 | .23 | 40 | 1.28 | 2191 | 12 | .03 | 14 | 1670 | 1 | 18 | 3 | 216 | 1 | .01 | 1 | 139.1 | 1 | 125 |
| 34703 | .9 | 1.36 | 75 | 67 | .1 | 1 | 4.33 | .1 | 14 | 29 | 486 | 3.50 | 1 | .26 | 40 | 1.19 | 1750 | 14 | .03 | 14 | 1940 | 31 | 19 | 3 | 187 | 1 | .01 | 1 | 119.6 | 1 | 115 |
| 34704 | .8 | 1.50 | 148 | 187 | .1 | 1 | 5.27 | .1 | 14 | 18 | 462 | 3.56 | 1 | .22 | 46 | 1.34 | 2150 | 13 | .03 | 21 | 1750 | 15 | 19 | 3 | 213 | 1 | .01 | 1 | 137.1 | 1 | 140 |
| 34705 | 1.1 | 1.39 | 97 | 277 | .1 | 11 | 5.76 | .1 | 12 | 27 | 1025 | 3.08 | 1 | .22 | 39 | 1.22 | 2226 | 10 | .04 | 14 | 1630 | 5 | 18 | 2 | 249 | 1 | .01 | 1 | 120.8 | 1 | 124 |
| 34706 | .7 | 1.54 | 132 | 349 | .1 | 2 | 5.99 | .1 | 14 | 24 | 553 | 3.57 | 1 | .21 | 44 | 1.39 | 2407 | 11 | .03 | 17 | 1720 | 1 | 18 | 3 | 348 | 1 | .01 | 1 | 142.5 | 1 | 137 |
| 34707 | 1.3 | 1.30 | 91 | 125 | .1 | 4 | 4.97 | .1 | 13 | 18 | 625 | 2.94 | 1 | .19 | 32 | 1.19 | 1760 | 16 | .03 | 14 | 1670 | 35 | 18 | 2 | 218 | 1 | .01 | 1 | 111.1 | 1 | 108 |
| 34708 | .7 | 1.81 | 157 | 157 | .1 | 1 | 6.22 | .1 | 17 | 23 | 613 | 3.80 | 1 | .21 | 51 | 1.67 | 2615 | 31 | .04 | 17 | 1920 | 1 | 18 | 4 | 225 | 1 | .01 | 1 | 146.1 | 1 | 130 |
| 34709 | .6 | 1.18 | 86 | 224 | .1 | 1 | 5.27 | .1 | 12 | 14 | 351 | 3.11 | 1 | .24 | 26 | 1.04 | 1961 | 9 | .03 | 13 | 1640 | 21 | 18 | 2 | 263 | 1 | .01 | 1 | 134.3 | 1 | 108 |
| 34710 | .8 | 1.26 | 80 | 282 | .1 | 1 | 4.86 | .1 | 12 | 25 | 294 | 3.08 | 1 | .27 | 26 | 1.05 | 1766 | 12 | .03 | 13 | 1430 | 18 | 19 | 2 | 248 | 1 | .01 | 1 | 124.2 | 1 | 117 |
| 34711 | .8 | 1.24 | 75 | 126 | .1 | 1 | 5.07 | .1 | 12 | 17 | 381 | 3.04 | 1 | .26 | 30 | 1.02 | 1844 | 11 | .03 | 13 | 1450 | 27 | 19 | 2 | 222 | 1 | .01 | 1 | 113.5 | 1 | 132 |
| 34712 | .8 | 1.28 | 72 | 108 | .1 | 1 | 5.00 | .1 | 12 | 24 | 334 | 3.28 | 1 | .25 | 30 | 1.10 | 1874 | 12 | .03 | 14 | 1360 | 29 | 19 | 2 | 209 | 1 | .01 | 1 | 120.5 | 1 | 156 |
| 34713 | .6 | 1.25 | 75 | 182 | .1 | 1 | 5.35 | .1 | 12 | 16 | 371 | 3.34 | 1 | .22 | 28 | 1.12 | 1874 | 10 | .03 | 13 | 1410 | 17 | 18 | 2 | 207 | 1 | .01 | 1 | 127.0 | 1 | 136 |
| 34714 | .7 | 1.65 | 106 | 179 | .1 | 1 | 6.57 | .1 | 20 | 33 | 243 | 4.65 | 1 | .25 | 31 | 1.50 | 2235 | 14 | .17 | 22 | 1620 | 1 | 21 | 4 | 339 | 1 | .05 | 1 | 153.7 | 1 | 103 |
| 34715 | 4.3 | 1.80 | 114 | 176 | .1 | 99 | 7.56 | .1 | 24 | 22 | 5454 | 5.27 | 1 | .21 | 40 | 1.89 | 2824 | 22 | .03 | 24 | 1990 | 3 | 23 | 5 | 266 | 1 | .02 | 1 | 170.6 | 1 | 156 |
| 34716 | 5.9 | 1.39 | 126 | 136 | .1 | 154 | 7.34 | .1 | 19 | 22 | 7799 | 4.56 | 1 | .21 | 30 | 1.35 | 2873 | 14 | .03 | 18 | 1920 | 9 | 26 | 4 | 217 | 1 | .01 | 1 | 171.1 | 1 | 191 |
| 34717 | 6.5 | 1.01 | 58 | 240 | .1 | 195 | 3.61 | .1 | 12 | 15 | 9807 | 3.23 | 1 | .13 | 23 | .88 | 1576 | 12 | .03 | 14 | 1500 | 21 | 25 | 3 | 152 | 1 | .01 | 1 | 132.7 | 1 | 128 |
| 34718 | 3.0 | 1.44 | 73 | 158 | .1 | 60 | 6.05 | .1 | 14 | 15 | 3353 | 3.62 | 1 | .24 | 33 | 1.26 | 2158 | 11 | .03 | 16 | 1690 | 1 | 22 | 3 | 231 | 1 | .01 | 1 | 149.8 | 1 | 161 |
| 34719 | .9 | 1.16 | 69 | 280 | .1 | 1 | 4.86 | .1 | 12 | 15 | 467 | 3.34 | 1 | .23 | 22 | 1.00 | 1574 | 10 | .03 | 13 | 1420 | 23 | 13 | 3 | 226 | 1 | .01 | 1 | 126.3 | 1 | 139 |
| 34720 | 1.1 | 1.22 | 81 | 216 | .1 | 1 | 5.02 | .1 | 12 | 16 | 366 | 3.28 | 1 | .23 | 25 | 1.06 | 1617 | 10 | .03 | 12 | 1380 | 7 | 19 | 2 | 219 | 1 | .01 | 1 | 122.5 | 1 | 118 |
| 34721 | 1.0 | 1.15 | 76 | 147 | .1 | 1 | 5.21 | .1 | 12 | 15 | 371 | 3.27 | 1 | .23 | 21 | 1.02 | 1554 | 11 | .03 | 13 | 1380 | 1 | 12 | 2 | 229 | 1 | .01 | 1 | 125.2 | 1 | 113 |
| 34722 | 1.2 | .99 | 66 | 169 | .1 | 1 | 5.30 | .1 | 12 | 13 | 309 | 3.20 | 1 | .28 | 19 | .80 | 1638 | 9 | .03 | 13 | 1450 | 13 | 8 | 2 | 268 | 1 | .01 | 1 | 121.1 | 1 | 97 |
| 34723 | 1.3 | 1.05 | 78 | 138 | .1 | 2 | 5.48 | .1 | 11 | 13 | 422 | 3.03 | 1 | .28 | 22 | .80 | 1644 | 9 | .03 | 12 | 1430 | 12 | 8 | 2 | 251 | 1 | .01 | 1 | 104.8 | 1 | 101 |
| 34724 | 1.3 | .40 | 84 | 159 | .1 | 2 | 2.70 | .1 | 8 | 22 | 182 | 1.57 | 1 | .21 | 5 | .25 | 761 | 6 | .03 | 6 | 650 | 14 | 6 | 1 | 207 | 1 | .01 | 1 | 28.0 | 2 | 34 |
| 34725 | 1.0 | 1.38 | 107 | 84 | .1 | 1 | 6.35 | .1 | 22 | 20 | 150 | 4.74 | 1 | .24 | 25 | 1.36 | 1785 | 11 | .05 | 21 | 1410 | 1 | 20 | 4 | 364 | 1 | .04 | 1 | 118.1 | 1 | 71 |
| 34726 | 1.3 | .41 | 124 | 297 | .1 | 2 | 3.91 | .1 | 9 | 16 | 287 | 2.35 | 1 | .20 | 7 | .76 | 1351 | 8 | .02 | 10 | 770 | 13 | 3 | 2 | 223 | 1 | .01 | 1 | 35.2 | 1 | 57 |
| 34727 | 1.5 | .45 | 162 | 526 | .1 | 1 | 4.91 | .1 | 7 | 14 | 195 | 2.26 | 1 | .24 | 5 | 1.13 | 1890 | 9 | .02 | 13 | 620 | 2 | 1 | 2 | 351 | 1 | .01 | 1 | 29.6 | 1 | 71 |
| 34728 | 1.3 | .34 | 103 | 226 | .1 | 1 | 2.63 | .1 | 6 | 18 | 161 | 1.93 | 1 | .22 | 4 | .45 | 927 | 7 | .02 | 7 | 660 | 22 | 5 | 1 | 203 | 1 | .01 | 1 | 26.2 | 1 | 51 |
| 34729 | 1.4 | .38 | 96 | 424 | .1 | 2 | 2.86 | .1 | 6 | 16 | 182 | 1.72 | 1 | .22 | 5 | .37 | 1079 | 6 | .02 | 7 | 660 | 5 | 5 | 1 | 217 | 1 | .01 | 1 | 30.1 | 2 | 67 |
| 34730 | 1.4 | .37 | 80 | 231 | .1 | 1 | 3.35 | .1 | 7 | 18 | 180 | 2.02 | 1 | .20 | 5 | .30 | 1234 | 6 | .03 | 7 | 640 | 7 | 6 | 1 | 209 | 1 | .01 | 1 | 38.5 | 2 | 61 |

MINERAL
•ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**
8282 SHERBROOKE STREET
VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0285-RA1**

Company: **BIG VALLEY RESOURCES**
Date: JUN-24-96
Project:
Attn: L. Tattersal

*We hereby certify* the following Assay of 24 CORE samples submitted JUN-17-96 by L. Tattersal.

| Sample Number | | Au-fire g/tonne | Cu % |
|---|---|---|---|
| 96-51 34813 | (96-51) | .01 | .013 |
| 34814 | | .01 | .009 |
| 34815 | | .01 | .019 |
| 34816 | | .01 | .014 |
| 34817 | 123-126 | .01 | .011 |
| 34818 | | .01 | .009 |
| 34819 | | .01 | .017 |
| 34820 | | .01 | .015 |
| 34821 | | .01 | .011 |
| 34822 | 138-141 | .01 | .009 |
| 34823 | | .01 | .011 |
| 34824 | | .01 | .009 |
| 34825 | | .01 | .008 |
| 34826 | | .02 | .012 |
| 34827 | 153-156 | .01 | .009 |
| 34828 | | .01 | .013 |
| 34829 | | .01 | .018 |
| 34830 | | .01 | .012 |
| 34831 | | .01 | .010 |
| 34832 | 168-170.1 (EOH) | .01 | .013 |
| 6-58 34833 | 4-6 | .01 | .033 |
| 34834 | | .01 | .035 |
| 34835 | | .01 | .034 |
| 34836 | 10-12 | .02 | .036 |

*Certified by* _____

MIN-EN LABORATORIES

MINERAL
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LABORATORIES
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**VANCOUVER OFFICE:**
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VANCOUVER, B.C. CANADA V5X 4E8
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**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0285-RA2**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: L. Tattersal

Date: JUN-24-96

*We hereby certify* the following Assay of 24 CORE samples submitted JUN-17-96 by L. Tattersal.

| Sample Number | Au-fire g/tonne | Cu % |
|---|---|---|
| 34837 | .02 | .040 |
| 34838 | .01 | .036 |
| 34839 | .02 | .067 |
| 34840 | .01 | .039 |
| 34841 | .03 | .064 |
| 34842 | .03 | .055 |
| 34843 | .18 | .186 |
| 34844 | .28 | .354 |
| 34845 | .04 | .065 |
| 34846 | .04 | .068 |
| 34847 | .09 | .109 |
| 34848 | .06 | .090 |
| 34849 | .03 | .044 |
| 34850 | .02 | .048 |
| 34851 | .01 | .021 |
| 34852 | .01 | .015 |
| 34853 | .01 | .014 |
| 34854 | .01 | .010 |
| 34855 | .01 | .011 |
| 34856 | .01 | .015 |
| 34857 | .01 | .008 |
| 34858 | .01 | .010 |
| 34859 | .01 | .011 |
| 34860 | .01 | .014 |

*Certified by* _____

MIN-EN LABORATORIES

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• EN VIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

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**VANCOUVER OFFICE:**
8282 SHERBROOKE STREET
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**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0285-RA3**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: L. Tattersal

Date: JUN-24-96

*We hereby certify* the following Assay of 23 CORE samples submitted JUN-17-96 by L. Tattersal.

| Sample Number | Au-fire g/tonne | Cu % |
|---|---|---|
| 34861 | .01 | .012 |
| 34862 | .01 | .013 |
| 34863 | .01 | .012 |
| 34864 | .01 | .013 |
| 34865 | .01 | .011 |
| 34866 | .01 | .009 |
| 34867 | .01 | .014 |
| 34868 | .01 | .017 |
| 34869 | .02 | .024 |
| 34870 | .02 | .036 |
| 34871 | .03 | .056 |
| 34872 | .03 | .067 |
| 34873 | .03 | .075 |
| 34874 | .12 | .194 |
| 34875 | .08 | .094 |
| 34876 | .06 | .108 |
| 34877 | .07 | .100 |
| 34878 | .54 | .925 |
| 34879 | .46 | .875 |
| 34880 | .54 | .786 |
| 34881 | .08 | .112 |
| 34882 | .03 | .067 |
| 34883 | .06 | .163 |

*Certified by* _____

MIN-EN LABORATORIES

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: L. Tattersal

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0285-RJ1+2
DATE: 96/06/24
* rock * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34813 | .9 | .65 | 74 | 44 | .1 | 1 | 3.14 | .1 | 8 | 18 | 99 | 2.05 | 1 | .20 | 12 | .46 | 1073 | 6 | .03 | 7 | 700 | 1 | 2 | 1 | 253 | 1 | .01 | 1 | 50.5 | 1 | 57 |
| 34814 | .8 | .75 | 72 | 90 | .1 | 1 | 2.82 | .1 | 7 | 11 | 83 | 2.01 | 1 | .25 | 11 | .45 | 1063 | 8 | .04 | 7 | 650 | 2 | 2 | 2 | 279 | 1 | .01 | 1 | 56.4 | 1 | 59 |
| 34815 | .8 | .58 | 82 | 85 | .1 | 2 | 2.76 | .1 | 6 | 6 | 151 | 1.80 | 1 | .23 | 10 | .36 | 988 | 6 | .03 | 6 | 580 | 1 | 2 | 1 | 277 | 1 | .01 | 1 | 52.2 | 1 | 52 |
| 34816 | .9 | .53 | 80 | 97 | .1 | 2 | 2.76 | .1 | 6 | 19 | 117 | 1.80 | 1 | .24 | 9 | .30 | 948 | 6 | .03 | 7 | 580 | 3 | 3 | 1 | 288 | 1 | .01 | 1 | 45.5 | 1 | 42 |
| 34817 | .9 | .55 | 87 | 190 | .1 | 1 | 3.23 | .1 | 6 | 11 | 95 | 1.68 | 1 | .22 | 11 | .35 | 1180 | 5 | .03 | 7 | 600 | 9 | 2 | 1 | 288 | 1 | .01 | 1 | 53.9 | 1 | 53 |
| 34818 | .9 | .46 | 66 | 122 | .1 | 2 | 3.17 | .1 | 6 | 21 | 66 | 1.83 | 1 | .21 | 8 | .32 | 1094 | 7 | .03 | 6 | 600 | 5 | 2 | 1 | 306 | 1 | .01 | 1 | 43.8 | 1 | 44 |
| 34819 | 1.0 | .52 | 82 | 144 | .1 | 3 | 2.95 | .1 | 6 | 12 | 136 | 1.67 | 1 | .21 | 9 | .36 | 1046 | 9 | .02 | 7 | 600 | 1 | 2 | 1 | 289 | 1 | .01 | 1 | 50.8 | 1 | 52 |
| 34820 | .9 | .47 | 67 | 157 | .1 | 1 | 3.09 | .1 | 6 | 22 | 121 | 1.90 | 1 | .20 | 8 | .33 | 1058 | 7 | .03 | 6 | 590 | 7 | 2 | 1 | 258 | 1 | .01 | 1 | 43.9 | 1 | 57 |
| 34821 | 1.0 | .57 | 81 | 240 | .1 | 1 | 3.23 | .1 | 6 | 23 | 87 | 1.86 | 1 | .22 | 10 | .40 | 1171 | 8 | .03 | 8 | 610 | 1 | 2 | 1 | 261 | 1 | .01 | 1 | 53.5 | 1 | 55 |
| 34822 | .9 | .53 | 102 | 185 | .1 | 1 | 3.07 | .1 | 6 | 22 | 69 | 1.75 | 1 | .18 | 10 | .39 | 1165 | 8 | .03 | 7 | 600 | 1 | 2 | 1 | 247 | 1 | .01 | 1 | 51.9 | 1 | 54 |
| 34823 | .9 | .60 | 74 | 140 | .1 | 1 | 3.12 | .1 | 7 | 23 | 88 | 1.98 | 1 | .22 | 10 | .39 | 1146 | 16 | .04 | 8 | 590 | 1 | 3 | 1 | 263 | 1 | .01 | 1 | 48.1 | 1 | 43 |
| 34824 | .8 | .46 | 54 | 130 | .1 | 1 | 2.89 | .1 | 6 | 22 | 84 | 2.09 | 1 | .20 | 8 | .29 | 965 | 10 | .03 | 7 | 590 | 7 | 3 | 1 | 248 | 1 | .01 | 1 | 32.1 | 1 | 51 |
| 34825 | .8 | .46 | 56 | 93 | .1 | 1 | 2.95 | .1 | 6 | 14 | 60 | 2.09 | 1 | .17 | 10 | .29 | 1065 | 9 | .03 | 7 | 590 | 13 | 3 | 1 | 170 | 1 | .01 | 1 | 41.0 | 1 | 84 |
| 34826 | .9 | .47 | 47 | 180 | .1 | 1 | 3.05 | .1 | 6 | 20 | 94 | 2.07 | 1 | .19 | 10 | .26 | 1014 | 18 | .03 | 6 | 590 | 15 | 4 | 1 | 217 | 1 | .01 | 1 | 30.1 | 1 | 68 |
| 34827 | .7 | .49 | 70 | 121 | .1 | 1 | 2.87 | .1 | 6 | 15 | 57 | 1.85 | 1 | .19 | 11 | .32 | 1065 | 40 | .03 | 6 | 600 | 2 | 3 | 1 | 219 | 1 | .01 | 1 | 45.1 | 1 | 43 |
| 34828 | .9 | .41 | 86 | 191 | .1 | 1 | 2.85 | .1 | 6 | 44 | 102 | 1.89 | 1 | .21 | 6 | .39 | 1096 | 11 | .03 | 7 | 560 | 1 | 2 | 1 | 224 | 1 | .01 | 1 | 30.3 | 1 | 57 |
| 34829 | 1.1 | .33 | 67 | 219 | .1 | 2 | 3.54 | .1 | 6 | 11 | 152 | 1.83 | 1 | .22 | 2 | .23 | 927 | 8 | .02 | 6 | 590 | 18 | 4 | 1 | 270 | 1 | .01 | 1 | 16.8 | 1 | 121 |
| 34830 | 1.0 | .38 | 81 | 154 | .1 | 1 | 3.92 | .1 | 8 | 38 | 104 | 2.07 | 1 | .22 | 4 | .26 | 1167 | 7 | .03 | 6 | 710 | 9 | 4 | 1 | 258 | 1 | .01 | 1 | 25.6 | 1 | 66 |
| 34831 | 1.0 | .38 | 70 | 89 | .1 | 1 | 3.38 | .1 | 8 | 11 | 94 | 2.08 | 1 | .21 | 4 | .39 | 1123 | 6 | .03 | 6 | 740 | 1 | 2 | 1 | 248 | 1 | .01 | 1 | 31.3 | 1 | 87 |
| 34832 | 1.0 | .49 | 64 | 79 | .1 | 1 | 3.55 | .1 | 8 | 45 | 103 | 2.06 | 1 | .23 | 6 | .24 | 1092 | 8 | .03 | 7 | 740 | 11 | 5 | 1 | 250 | 1 | .01 | 1 | 26.0 | 1 | 86 |
| 34833 | 1.2 | 1.12 | 88 | 79 | .1 | 1 | 5.02 | .1 | 13 | 19 | 299 | 3.44 | 1 | .18 | 22 | .94 | 1749 | 9 | .03 | 13 | 1380 | 1 | 2 | 2 | 115 | 1 | .01 | 1 | 141.4 | 1 | 133 |
| 34834 | 1.1 | 1.08 | 94 | 81 | .1 | 1 | 5.50 | .1 | 13 | 27 | 324 | 3.41 | 1 | .19 | 20 | .90 | 1800 | 10 | .03 | 13 | 1350 | 1 | 2 | 2 | 109 | 1 | .01 | 1 | 138.7 | 1 | 108 |
| 34835 | 1.1 | 1.23 | 97 | 88 | .1 | 1 | 5.15 | .1 | 14 | 21 | 320 | 3.54 | 1 | .21 | 22 | .95 | 1765 | 12 | .04 | 13 | 1400 | 1 | 2 | 2 | 115 | 1 | .01 | 1 | 125.3 | 1 | 96 |
| 34836 | 1.0 | 1.17 | 74 | 59 | .1 | 1 | 5.28 | .1 | 13 | 21 | 334 | 3.34 | 1 | .22 | 25 | .91 | 1796 | 11 | .03 | 13 | 1400 | 1 | 2 | 2 | 128 | 1 | .01 | 1 | 121.6 | 1 | 95 |
| 34837 | .7 | 1.19 | 76 | 62 | .1 | 1 | 5.44 | .1 | 13 | 26 | 384 | 3.36 | 1 | .25 | 28 | .93 | 1804 | 11 | .04 | 13 | 1340 | 6 | 4 | 2 | 147 | 1 | .01 | 1 | 119.0 | 1 | 114 |
| 34838 | .5 | 1.08 | 46 | 57 | .1 | 1 | 4.22 | .1 | 12 | 11 | 339 | 3.33 | 1 | .24 | 27 | .89 | 1593 | 10 | .03 | 12 | 1360 | 1 | 3 | 2 | 130 | 1 | .01 | 1 | 115.8 | 1 | 89 |
| 34839 | .7 | 1.11 | 40 | 57 | .1 | 4 | 4.87 | .1 | 14 | 24 | 646 | 3.67 | 1 | .25 | 22 | .81 | 1696 | 11 | .03 | 12 | 1650 | 13 | 5 | 2 | 145 | 1 | .01 | 1 | 111.8 | 1 | 112 |
| 34840 | .6 | 1.19 | 43 | 103 | .1 | 1 | 4.25 | .1 | 15 | 14 | 377 | 3.73 | 1 | .24 | 24 | .99 | 1716 | 12 | .03 | 13 | 1470 | 6 | 5 | 2 | 255 | 1 | .01 | 1 | 121.3 | 1 | 132 |
| 34841 | .9 | 1.29 | 40 | 147 | .1 | 2 | 5.10 | .1 | 19 | 33 | 612 | 4.43 | 1 | .23 | 23 | 1.07 | 1938 | 13 | .04 | 15 | 1690 | 3 | 7 | 3 | 1921 | 1 | .01 | 1 | 154.5 | 1 | 144 |
| 34842 | .9 | 1.12 | 83 | 133 | .1 | 3 | 4.90 | .1 | 16 | 23 | 526 | 3.79 | 1 | .19 | 21 | .98 | 1860 | 16 | .03 | 13 | 1600 | 1 | 6 | 3 | 329 | 1 | .01 | 1 | 132.0 | 1 | 124 |
| 34843 | 1.3 | 1.51 | 87 | 123 | .1 | 25 | 6.25 | .1 | 21 | 22 | 1815 | 4.58 | 1 | .18 | 28 | 1.44 | 2736 | 32 | .03 | 17 | 1850 | 1 | 12 | 4 | 1013 | 1 | .01 | 1 | 161.3 | 1 | 183 |
| 34844 | 1.6 | 1.64 | 78 | 71 | .1 | 47 | 6.40 | .1 | 28 | 20 | 3293 | 6.76 | 1 | .10 | 28 | 1.63 | 3038 | 21 | .03 | 21 | 2310 | 1 | 19 | 5 | 467 | 1 | .01 | 1 | 275.9 | 1 | 252 |
| 34845 | 1.0 | 1.70 | 84 | 83 | .1 | 2 | 6.87 | .1 | 21 | 19 | 657 | 4.76 | 1 | .12 | 29 | 1.74 | 3120 | 14 | .03 | 19 | 2330 | 1 | 15 | 4 | 931 | 1 | .01 | 1 | 192.3 | 1 | 191 |
| 34846 | 1.1 | 1.36 | 114 | 80 | .1 | 4 | 6.26 | .1 | 16 | 20 | 652 | 3.52 | 1 | .17 | 22 | 1.36 | 2765 | 10 | .03 | 16 | 2220 | 1 | 3 | 3 | 468 | 1 | .02 | 1 | 127.2 | 1 | 167 |
| 34847 | 1.0 | 1.49 | 100 | 47 | .1 | 12 | 6.34 | .1 | 18 | 23 | 1105 | 4.12 | 1 | .19 | 24 | 1.37 | 2545 | 20 | .03 | 17 | 1770 | 1 | 5 | 3 | 194 | 1 | .02 | 1 | 157.1 | 1 | 152 |
| 34848 | 1.2 | 1.60 | 134 | 92 | .1 | 7 | 7.41 | .1 | 23 | 22 | 897 | 5.15 | 1 | .18 | 27 | 1.53 | 3121 | 22 | .03 | 19 | 1980 | 1 | 17 | 4 | 248 | 1 | .02 | 1 | 192.2 | 1 | 186 |
| 34849 | 1.0 | 1.51 | 93 | 46 | .1 | 1 | 7.48 | .1 | 19 | 13 | 425 | 4.09 | 1 | .18 | 24 | 1.47 | 3021 | 13 | .03 | 17 | 2530 | 1 | 4 | 3 | 219 | 1 | .02 | 1 | 154.7 | 1 | 177 |
| 34850 | .9 | 1.16 | 53 | 46 | .1 | 1 | 5.31 | .1 | 17 | 22 | 445 | 4.17 | 1 | .14 | 17 | 1.05 | 2079 | 17 | .03 | 13 | 1690 | 1 | 6 | 3 | 179 | 1 | .02 | 1 | 159.7 | 1 | 153 |
| 34851 | .8 | 1.17 | 75 | 51 | .1 | 1 | 4.90 | .1 | 15 | 11 | 206 | 3.85 | 1 | .19 | 16 | 1.02 | 1789 | 10 | .03 | 15 | 1450 | 1 | 5 | 2 | 175 | 1 | .05 | 1 | 151.4 | 1 | 123 |
| 34852 | 1.1 | 1.05 | 83 | 40 | .1 | 1 | 5.27 | .1 | 14 | 17 | 141 | 3.40 | 1 | .17 | 15 | 1.03 | 1646 | 20 | .03 | 12 | 1470 | 1 | 4 | 2 | 212 | 1 | .08 | 1 | 141.2 | 1 | 80 |
| 34853 | 1.1 | 1.09 | 110 | 36 | .1 | 1 | 4.19 | .1 | 12 | 8 | 127 | 3.05 | 1 | .20 | 15 | 1.08 | 1587 | 9 | .02 | 11 | 1520 | 1 | 3 | 2 | 345 | 1 | .05 | 1 | 125.1 | 1 | 67 |
| 34854 | 1.2 | 1.66 | 188 | 245 | .2 | 1 | 3.36 | .1 | 12 | 18 | 67 | 2.86 | 1 | .12 | 30 | 1.54 | 1674 | 12 | .03 | 13 | 1410 | 1 | 2 | 2 | >10000 | 1 | .06 | 9 | 128.7 | 1 | 61 |
| 34855 | 1.3 | 1.52 | 175 | 132 | .1 | 1 | 3.01 | .1 | 13 | 9 | 102 | 2.69 | 1 | .12 | 32 | 2.02 | 1718 | 9 | .03 | 14 | 1470 | 1 | 1 | 2 | 8744 | 1 | .06 | 5 | 112.1 | 1 | 74 |
| 34856 | 1.1 | 1.20 | 129 | 120 | .1 | 1 | 4.01 | .1 | 13 | 15 | 121 | 3.00 | 1 | .19 | 17 | 1.26 | 1721 | 11 | .03 | 12 | 1430 | 1 | 3 | 2 | 603 | 1 | .03 | 1 | 119.1 | 1 | 76 |
| 34857 | 1.0 | 1.16 | 91 | 38 | .1 | 1 | 4.08 | .1 | 13 | 10 | 68 | 3.15 | 1 | .17 | 16 | 1.13 | 1616 | 12 | .03 | 12 | 1420 | 1 | 3 | 2 | 323 | 1 | .05 | 1 | 121.5 | 1 | 63 |
| 34858 | 1.0 | 1.16 | 80 | 47 | .1 | 1 | 5.16 | .1 | 13 | 14 | 102 | 3.40 | 1 | .23 | 14 | .97 | 1542 | 11 | .03 | 12 | 1520 | 1 | 6 | 2 | 299 | 1 | .04 | 1 | 139.2 | 1 | 63 |
| 34859 | .7 | 1.03 | 60 | 41 | .1 | 1 | 4.92 | .1 | 11 | 13 | 99 | 3.25 | 1 | .20 | 14 | .87 | 1473 | 9 | .03 | 11 | 1470 | 1 | 5 | 2 | 254 | 1 | .02 | 1 | 135.2 | 1 | 66 |
| 34860 | .7 | 1.13 | 68 | 59 | .1 | 1 | 4.74 | .1 | 11 | 13 | 129 | 3.40 | 1 | .24 | 16 | .85 | 1583 | 11 | .03 | 12 | 1540 | 4 | 7 | 2 | 218 | 1 | .01 | 1 | 140.5 | 1 | 76 |

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: L. Tattersal

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0285-RJ3
DATE: 96/06/24
* * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34861 | .3 | 1.10 | 66 | 54 | .1 | 1 | 4.81 | .1 | 13 | 10 | 125 | 3.47 | 1 | .21 | 16 | .91 | 1619 | 19 | .03 | 13 | 1430 | 9 | 7 | 2 | 182 | 1 | .01 | 1 | 127.8 | 1 | 81 |
| 34862 | .4 | .95 | 67 | 47 | .1 | 1 | 5.53 | .1 | 11 | 17 | 129 | 3.27 | 1 | .20 | 12 | .75 | 1676 | 14 | .03 | 11 | 1450 | 8 | 8 | 2 | 218 | 1 | .01 | 1 | 116.1 | 1 | 74 |
| 34863 | .5 | .85 | 95 | 42 | .1 | 1 | 4.98 | .1 | 10 | 7 | 124 | 2.74 | 1 | .21 | 9 | .94 | 1704 | 10 | .02 | 12 | 1430 | 1 | 3 | 2 | 230 | 1 | .01 | 1 | 93.2 | 1 | 69 |
| 34864 | .2 | 1.14 | 68 | 156 | .1 | 1 | 5.23 | .1 | 12 | 16 | 128 | 3.36 | 1 | .21 | 14 | .86 | 1788 | 11 | .03 | 11 | 1610 | 1 | 7 | 2 | 235 | 1 | .01 | 1 | 133.5 | 1 | 89 |
| 34865 | .3 | 1.22 | 61 | 40 | .1 | 1 | 4.76 | .1 | 13 | 7 | 102 | 3.30 | 1 | .19 | 15 | .85 | 2072 | 12 | .02 | 12 | 1770 | 4 | 8 | 2 | 236 | 1 | .01 | 1 | 108.4 | 1 | 91 |
| 34866 | .6 | .98 | 39 | 49 | .1 | 1 | 4.92 | .1 | 9 | 11 | 105 | 2.76 | 1 | .25 | 10 | .43 | 1492 | 10 | .03 | 9 | 1520 | 24 | 10 | 2 | 234 | 1 | .01 | 1 | 106.0 | 1 | 67 |
| 34867 | .5 | .61 | 40 | 54 | .1 | 1 | 3.65 | .1 | 9 | 11 | 128 | 2.19 | 1 | .20 | 6 | .31 | 1376 | 16 | .03 | 7 | 1030 | 47 | 7 | 1 | 147 | 1 | .01 | 1 | 53.5 | 1 | 57 |
| 34868 | .4 | .72 | 53 | 96 | .1 | 1 | 2.59 | .1 | 7 | 23 | 164 | 1.94 | 1 | .22 | 7 | .28 | 941 | 9 | .03 | 6 | 630 | 36 | 7 | 1 | 130 | 1 | .01 | 1 | 59.2 | 2 | 57 |
| 34869 | .5 | .68 | 58 | 55 | .1 | 1 | 2.75 | .1 | 7 | 21 | 226 | 1.98 | 1 | .19 | 7 | .32 | 1015 | 11 | .03 | 6 | 600 | 20 | 7 | 1 | 119 | 1 | .01 | 1 | 66.2 | 2 | 59 |
| 34870 | .4 | .93 | 59 | 95 | .1 | 1 | 3.58 | .1 | 9 | 23 | 349 | 2.55 | 1 | .21 | 12 | .65 | 1500 | 10 | .03 | 11 | 1070 | 16 | 6 | 2 | 150 | 1 | .01 | 1 | 104.7 | 1 | 91 |
| 34871 | .1 | 1.13 | 61 | 68 | .1 | 1 | 4.15 | .1 | 13 | 21 | 564 | 3.26 | 1 | .20 | 16 | .89 | 1946 | 19 | .03 | 13 | 1780 | 4 | 6 | 2 | 150 | 1 | .01 | 1 | 136.1 | 1 | 116 |
| 34872 | .7 | 1.45 | 101 | 52 | .1 | 3 | 6.21 | .1 | 15 | 24 | 683 | 3.08 | 1 | .20 | 22 | 1.36 | 2973 | 19 | .03 | 16 | 1750 | 1 | 4 | 2 | 181 | 1 | .02 | 1 | 124.2 | 1 | 127 |
| 34873 | .2 | 1.58 | 99 | 49 | .1 | 1 | 7.60 | .1 | 22 | 24 | 778 | 5.32 | 1 | .13 | 21 | 1.67 | 4640 | 17 | .03 | 23 | 2200 | 1 | 19 | 5 | 174 | 1 | .04 | 1 | 245.2 | 1 | 207 |
| 34874 | .1 | 1.29 | 1 | 30 | .1 | 1 | 5.85 | .1 | 49 | 12 | 2005 | 13.22 | 1 | .07 | 17 | 1.20 | 4153 | 45 | .02 | 28 | 3320 | 1 | 33 | 9 | 144 | 1 | .03 | 1 | 682.5 | 3 | 418 |
| 34875 | .1 | 1.35 | 1 | 37 | .1 | 1 | 6.78 | .1 | 47 | 18 | 953 | 12.01 | 1 | .07 | 18 | 1.27 | 4550 | 40 | .02 | 31 | 2470 | 1 | 30 | 8 | 133 | 1 | .02 | 1 | 617.8 | 4 | 364 |
| 34876 | .1 | 1.42 | 1 | 27 | .1 | 1 | 6.49 | .1 | 46 | 11 | 1125 | 11.44 | 1 | .07 | 26 | 1.41 | 4277 | 40 | .03 | 28 | 2720 | 1 | 29 | 8 | 154 | 1 | .03 | 1 | 569.4 | 2 | 309 |
| 34877 | .1 | 1.54 | 41 | 60 | .1 | 1 | 6.60 | .1 | 24 | 22 | 1035 | 6.69 | 1 | .14 | 23 | 1.42 | 4563 | 18 | .03 | 23 | 1910 | 12 | 22 | 5 | 169 | 1 | .04 | 1 | 308.6 | 2 | 302 |
| 34878 | 3.1 | 1.28 | 1 | 26 | .1 | 155 | 5.69 | .1 | 45 | 12 | 9359 | 12.38 | 1 | .07 | 24 | 1.15 | 4077 | 27 | .02 | 28 | 3180 | 3 | 38 | 9 | 142 | 1 | .02 | 1 | 600.2 | 3 | 494 |
| 34879 | 2.6 | 1.11 | 1 | 28 | .1 | 115 | 6.57 | .1 | 45 | 18 | 7242 | 11.60 | 1 | .08 | 22 | 1.05 | 4177 | 32 | .04 | 27 | 1820 | 11 | 37 | 8 | 107 | 1 | .03 | 1 | 570.8 | 4 | 414 |
| 34880 | 1.8 | 1.06 | 1 | 22 | .1 | 114 | 8.89 | .1 | 48 | 12 | 7496 | 12.57 | 1 | .04 | 17 | 1.01 | 5164 | 31 | .02 | 31 | 1270 | 10 | 38 | 9 | 122 | 1 | .02 | 1 | 654.9 | 4 | 438 |
| 34881 | .1 | 1.25 | 1 | 50 | .1 | 1 | 7.19 | .1 | 32 | 22 | 1141 | 9.89 | 1 | .07 | 21 | 1.11 | 3877 | 30 | .03 | 24 | 1460 | 1 | 29 | 7 | 133 | 1 | .02 | 1 | 481.2 | 4 | 317 |
| 34882 | .1 | 1.14 | 74 | 99 | .1 | 1 | 4.59 | .1 | 18 | 15 | 673 | 4.95 | 1 | .08 | 17 | .99 | 2452 | 20 | .03 | 16 | 1220 | 1 | 21 | 4 | 123 | 1 | .01 | 1 | 197.9 | 1 | 142 |
| 34883 | .1 | 1.46 | 1 | 31 | .1 | 1 | 6.45 | .1 | 33 | 21 | 1604 | 9.78 | 1 | .07 | 24 | 1.30 | 3893 | 28 | .03 | 25 | 2240 | 1 | 29 | 7 | 154 | 1 | .01 | 1 | 470.7 | 3 | 330 |

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FAX (604) 327-3423

**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0283-RA1**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Llyod Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 core samples submitted JUN-14-96 by Lloyd Tattersall.

| Sample Number | | Au-FIRE g/tonne | Au-FIRE oz/ton | Cu % |
|---|---|---|---|---|
| 96-52 34731 | 100-102 (96-52) | .01 | .001 | .032 |
| 34732 | | .04 | .001 | .123 |
| 34733 | | .04 | .001 | .072 |
| 34734 | | .06 | .002 | .387 |
| 34735 | 108-110 | .07 | .002 | .119 |
| 34736 | | .03 | .001 | .072 |
| 34737 | | .03 | .001 | .077 |
| 34738 | | .02 | .001 | .073 |
| 34739 | | .04 | .001 | .186 |
| 34740 | 118-120 | .04 | .001 | .130 |
| 34741 | | .02 | .001 | .129 |
| 34742 | | .02 | .001 | .096 |
| 34743 | | .01 | .001 | .005 |
| 34744 | | .02 | .001 | .039 |
| 34745 | 128-130 | .04 | .001 | .115 |
| 34746 | | .04 | .001 | .113 |
| 34747 | | .06 | .002 | .218 |
| 34748 | | .09 | .003 | .367 |
| 34749 | | .06 | .002 | .116 |
| 34750 | 138-140 | .06 | .002 | .216 |
| 34751 | | .05 | .001 | .146 |
| 34752 | | .05 | .001 | .128 |
| 34753 | | .06 | .002 | .219 |
| 34754 | illegible | .04 | .001 | .080 |

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## *Assay Certificate*

**6V-0283-RA1**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Llyod Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 core samples submitted JUN-14-96 by Lloyd Tattersall.

| Sample Number | | Au-FIRE g/tonne | Au-FIRE oz/ton | Cu % |
|---|---|---|---|---|
| 96-52 34731 | 100-102 (96-52) | .01 | .001 | .032 |
| 34732 | | .04 | .001 | .123 |
| 34733 | | .04 | .001 | .072 |
| 34734 | | .06 | .002 | .387 |
| 34735 | 108-110 | .07 | .002 | .119 |
| 34736 | | .03 | .001 | .072 |
| 34737 | | .03 | .001 | .077 |
| 34738 | | .02 | .001 | .073 |
| 34739 | | .04 | .001 | .186 |
| 34740 | 118-120 | .04 | .001 | .130 |
| 34741 | | .02 | .001 | .129 |
| 34742 | | .02 | .001 | .096 |
| 34743 | | .01 | .001 | .005 |
| 34744 | | .02 | .001 | .039 |
| 34745 | 128-130 | .04 | .001 | .115 |
| 34746 | | .04 | .001 | .113 |
| 34747 | | .06 | .002 | .218 |
| 34748 | | .09 | .003 | .367 |
| 34749 | | .06 | .002 | .116 |
| 34750 | 138-140 | .06 | .002 | .216 |
| 34751 | | .05 | .001 | .146 |
| 34752 | | .05 | .001 | .128 |
| 34753 | | .06 | .002 | .219 |
| 34754 | illegible | .04 | .001 | .080 |

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FAX (604) 847-3005

## *Assay Certificate*

**6V-0283-RA2**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Llyod Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 CORE samples submitted JUN-14-96 by Lloyd Tattersall.

| Sample Number | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|
| 96-52 34755 148-150 (96-52) | .03 | .001 | .076 |
| 34756 | .01 | .001 | .014 |
| 34757 | .02 | .001 | .014 |
| 34758 | .02 | .001 | .012 |
| 34759 -158 | .01 | .001 | .014 |
| 96-51 34760 (96-51) | .02 | .001 | .022 |
| 34761 | .04 | .001 | .023 |
| 34762 | .06 | .002 | .019 |
| 34763 | .02 | .001 | .029 |
| 34764 12-14 | .02 | .001 | .027 |
| 34765 | .03 | .001 | .040 |
| 34766 | .02 | .001 | .052 |
| 34767 | .04 | .001 | .220 |
| 34768 | .03 | .001 | .098 |
| 34769 22-24 | .01 | .001 | .018 |
| 34770 | .01 | .001 | .020 |
| 34771 | .01 | .001 | .014 |
| 34772 | .02 | .001 | .015 |
| 34773 | .01 | .001 | .020 |
| 34774 32-34 | .01 | .001 | .022 |
| 34775 | .01 | .001 | .016 |
| 34776 | .01 | .001 | .014 |
| 34777 | .01 | .001 | .013 |
| 34778 40-42 | .01 | .001 | .013 |

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## *Assay Certificate*

**6V-0283-RA2**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Llyod Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 CORE samples submitted JUN-14-96 by Lloyd Tattersall.

| Sample Number | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|
| 96-52 34755 148-150 (96-52) | .03 | .001 | .076 |
| 34756 | .01 | .001 | .014 |
| 34757 | .02 | .001 | .014 |
| 34758 | .02 | .001 | .012 |
| 34759 -158 | .01 | .001 | .014 |
| 96-51 34760 (96-51) | .02 | .001 | .022 |
| 34761 | .04 | .001 | .023 |
| 34762 | .06 | .002 | .019 |
| 34763 | .02 | .001 | .029 |
| 34764 12- 14 | .02 | .001 | .027 |
| 34765 | .03 | .001 | .040 |
| 34766 | .02 | .001 | .052 |
| 34767 | .04 | .001 | .220 |
| 34768 | .03 | .001 | .098 |
| 34769 22- 24 | .01 | .001 | .018 |
| 34770 | .01 | .001 | .020 |
| 34771 | .01 | .001 | .014 |
| 34772 | .02 | .001 | .015 |
| 34773 | .01 | .001 | .020 |
| 34774 32- 34 | .01 | .001 | .022 |
| 34775 | .01 | .001 | .016 |
| 34776 | .01 | .001 | .014 |
| 34777 | .01 | .001 | .013 |
| 34778 40-42 | .01 | .001 | .013 |

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## *Assay Certificate*

**6V-0283-RA3**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Llyod Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 core samples submitted JUN-14-96 by Lloyd Tattersall.

| Sample Number | | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|---|
| 96-51 34779 | (96-51) | .01 | .001 | .013 |
| 34780 | | .01 | .001 | .014 |
| 34781 | | .02 | .001 | .012 |
| 34782 | | .01 | .001 | .015 |
| 34783 | 50-52 | .03 | .001 | .019 |
| 34784 | | .01 | .001 | .014 |
| 34785 | | .01 | .001 | .018 |
| 34786 | | .01 | .001 | .051 |
| 34787 | | .02 | .001 | .033 |
| 34788 | 60-62 | .02 | .001 | .102 |
| 34789 | | .01 | .001 | .015 |
| 34790 | | .01 | .001 | .014 |
| 34791 | | .01 | .001 | .014 |
| 34792 | | .02 | .001 | .016 |
| 34793 | 70-72 | .03 | .001 | .109 |
| 34794 | | .09 | .003 | .330 |
| 34795 | | .08 | .002 | .443 |
| 34796 | | .09 | .003 | .520 |
| 34797 | | .19 | .006 | 1.295 |
| 34798 | 80-82 | .12 | .004 | .661 |
| 34799 | | .09 | .003 | .519 |
| 34800 | | .01 | .001 | .018 |
| 34801 | | .02 | .001 | .021 |
| 34802 | 85-90 | .02 | .001 | .017 |

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## *Assay Certificate*

**6V-0283-RA3**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Llyod Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 24 core samples submitted JUN-14-96 by Lloyd Tattersall.

| Sample Number | | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|---|
| 96-51 34779 | 42-44 (96-51) | .01 | .001 | .013 |
| 34780 | | .01 | .001 | .014 |
| 34781 | | .02 | .001 | .012 |
| 34782 | | .01 | .001 | .015 |
| 34783 | 50-52 | .03 | .001 | .019 |
| 34784 | | .01 | .001 | .014 |
| 34785 | | .01 | .001 | .018 |
| 34786 | | .01 | .001 | .051 |
| 34787 | | .02 | .001 | .033 |
| 34788 | 60-62 | .02 | .001 | .102 |
| 34789 | | .01 | .001 | .015 |
| 34790 | | .01 | .001 | .014 |
| 34791 | | .01 | .001 | .014 |
| 34792 | | .02 | .001 | .016 |
| 34793 | 70-72 | .03 | .001 | .109 |
| 34794 | | .09 | .003 | .330 |
| 34795 | | .08 | .002 | .443 |
| 34796 | | .09 | .003 | .520 |
| 34797 | | .19 | .006 | 1.295 |
| 34798 | 80-82 | .12 | .004 | .661 |
| 34799 | | .09 | .003 | .519 |
| 34800 | | .01 | .001 | .018 |
| 34801 | | .02 | .001 | .021 |
| 34802 | 86-90 | .02 | .001 | .017 |

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## *Assay Certificate*

**6V-0283-RA4**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: Llyod Tattersall

Date: JUN-20-96

*We hereby certify* the following Assay of 10 core samples submitted JUN-14-96 by Lloyd Tattersall.

| Sample Number | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|
| 34803 | .02 | .001 | .028 |
| 34804 | .08 | .002 | .413 |
| 34805 | .13 | .004 | .527 |
| 34806 | .07 | .002 | .238 |
| 34807 | .06 | .002 | .197 |
| 34808 | .06 | .002 | .180 |
| 34809 | .01 | .001 | .012 |
| 34810 | .01 | .001 | .010 |
| 34811 | .01 | .001 | .012 |
| 34812 | .01 | .001 | .007 |

*Certified by* _____

MIN-EN LABORATORIES

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: Llyod Tattersall

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0283-RJ1+2
DATE: 96/06/20
* * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34731 | .1 | .38 | 49 | 143 | .1 | 1 | 3.60 | .1 | 7 | 15 | 317 | 2.31 | 1 | .19 | 4 | .52 | 1594 | 7 | .02 | 9 | 840 | 1 | 1 | 2 | 203 | 1 | .01 | 1 | 57.6 | 1 | 51 |
| 34732 | .2 | .55 | 14 | 153 | .1 | 17 | 4.99 | .1 | 9 | 15 | 1393 | 2.78 | 1 | .22 | 6 | .59 | 1926 | 9 | .04 | 11 | 1360 | 17 | 1 | 2 | 207 | 1 | .01 | 1 | 73.1 | 1 | 69 |
| 34733 | .1 | .54 | 23 | 133 | .1 | 5 | 6.42 | .1 | 12 | 15 | 823 | 3.26 | 1 | .21 | 6 | .80 | 2577 | 10 | .03 | 13 | 1650 | 2 | 1 | 2 | 246 | 1 | .01 | 1 | 80.1 | 1 | 88 |
| 34734 | 2.2 | 1.07 | 17 | 113 | .1 | 72 | 5.98 | .1 | 12 | 10 | 4237 | 3.56 | 1 | .23 | 18 | .90 | 2352 | 10 | .03 | 14 | 1830 | 14 | 5 | 2 | 241 | 1 | .01 | 1 | 109.4 | 1 | 122 |
| 34735 | .1 | 1.06 | 19 | 187 | .1 | 15 | 5.74 | .1 | 11 | 15 | 1309 | 2.97 | 1 | .24 | 18 | .84 | 2033 | 8 | .03 | 12 | 1630 | 4 | 3 | 2 | 244 | 1 | .01 | 1 | 83.0 | 1 | 119 |
| 34736 | .1 | 1.05 | 43 | 333 | .1 | 7 | 5.36 | .1 | 10 | 10 | 808 | 2.72 | 1 | .23 | 17 | .87 | 1961 | 8 | .03 | 12 | 1550 | 4 | 1 | 2 | 249 | 1 | .01 | 1 | 85.6 | 1 | 108 |
| 34737 | .1 | 1.12 | 36 | 185 | .1 | 8 | 5.20 | .1 | 10 | 15 | 858 | 2.80 | 1 | .22 | 21 | .99 | 1900 | 9 | .03 | 12 | 1570 | 1 | 1 | 2 | 235 | 1 | .01 | 1 | 90.0 | 1 | 87 |
| 34738 | .1 | 1.04 | 56 | 452 | .1 | 5 | 6.14 | .1 | 10 | 15 | 794 | 2.82 | 1 | .22 | 21 | 1.10 | 2192 | 8 | .03 | 13 | 1460 | 1 | 1 | 2 | 262 | 1 | .01 | 1 | 87.5 | 1 | 84 |
| 34739 | .6 | .98 | 43 | 82 | .1 | 32 | 6.12 | .1 | 11 | 13 | 2097 | 2.82 | 1 | .19 | 21 | .99 | 2135 | 9 | .03 | 12 | 1580 | 1 | 1 | 2 | 254 | 1 | .01 | 1 | 77.6 | 1 | 104 |
| 34740 | .4 | .82 | 31 | 203 | .1 | 16 | 5.91 | .1 | 11 | 14 | 1390 | 3.29 | 1 | .17 | 16 | 1.04 | 2233 | 9 | .03 | 13 | 1430 | 1 | 1 | 2 | 240 | 1 | .01 | 1 | 85.9 | 1 | 75 |
| 34741 | .3 | .89 | 44 | 277 | .1 | 16 | 6.08 | .1 | 10 | 15 | 1392 | 3.30 | 1 | .23 | 16 | 1.07 | 2282 | 9 | .03 | 14 | 1560 | 1 | 1 | 2 | 276 | 1 | .01 | 1 | 108.5 | 1 | 59 |
| 34742 | .1 | .41 | 43 | 372 | .1 | 10 | 4.32 | .1 | 11 | 16 | 1057 | 3.02 | 1 | .22 | 4 | .85 | 1416 | 7 | .03 | 11 | 1690 | 1 | 1 | 2 | 286 | 1 | .01 | 1 | 55.5 | 1 | 51 |
| 34743 | .1 | .32 | 108 | 361 | .1 | 1 | 5.18 | .1 | 10 | 10 | 52 | 3.08 | 1 | .13 | 4 | 1.51 | 1785 | 8 | .03 | 13 | 1580 | 1 | 1 | 2 | 230 | 1 | .01 | 1 | 77.9 | 1 | 63 |
| 34744 | .1 | .65 | 40 | 198 | .1 | 1 | 4.42 | .1 | 12 | 14 | 398 | 2.98 | 1 | .15 | 12 | .91 | 1540 | 13 | .03 | 11 | 1680 | 1 | 1 | 2 | 243 | 1 | .01 | 1 | 75.2 | 1 | 67 |
| 34745 | .3 | 1.64 | 102 | 137 | .1 | 10 | 7.21 | .1 | 20 | 9 | 1235 | 4.50 | 1 | .12 | 40 | 1.64 | 3363 | 14 | .03 | 19 | 2110 | 1 | 15 | 4 | 264 | 1 | .01 | 1 | 141.4 | 1 | 171 |
| 34746 | .1 | 1.48 | 39 | 109 | .1 | 10 | 6.13 | .1 | 16 | 15 | 1224 | 4.07 | 1 | .13 | 31 | 1.45 | 2835 | 11 | .03 | 16 | 1770 | 1 | 15 | 3 | 222 | 1 | .01 | 1 | 148.3 | 1 | 182 |
| 34747 | .4 | 1.24 | 57 | 126 | .1 | 29 | 6.77 | .1 | 20 | 10 | 2368 | 5.26 | 1 | .14 | 25 | 1.34 | 3187 | 16 | .03 | 18 | 2050 | 1 | 18 | 4 | 213 | 1 | .01 | 1 | 152.5 | 1 | 149 |
| 34748 | 1.4 | .79 | 32 | 110 | .1 | 60 | 7.05 | .1 | 23 | 13 | 3691 | 5.52 | 1 | .14 | 19 | 1.11 | 3152 | 15 | .03 | 19 | 1670 | 1 | 20 | 4 | 224 | 1 | .01 | 1 | 125.5 | 1 | 141 |
| 34749 | .7 | .60 | 56 | 211 | .1 | 10 | 6.75 | .1 | 16 | 11 | 1185 | 4.12 | 1 | .15 | 12 | 1.23 | 2701 | 12 | .03 | 15 | 1720 | 1 | 1 | 3 | 254 | 1 | .01 | 1 | 92.6 | 1 | 113 |
| 34750 | 1.1 | .72 | 39 | 165 | .1 | 30 | 7.57 | .1 | 18 | 15 | 2094 | 4.36 | 1 | .13 | 16 | 1.12 | 2926 | 19 | .03 | 17 | 1740 | 1 | 4 | 3 | 246 | 1 | .01 | 1 | 110.5 | 1 | 134 |
| 34751 | .7 | 1.19 | 88 | 137 | .1 | 18 | 8.12 | .1 | 20 | 14 | 1575 | 4.84 | 1 | .14 | 28 | 1.38 | 3390 | 16 | .04 | 19 | 2020 | 1 | 17 | 4 | 264 | 1 | .01 | 1 | 145.4 | 1 | 145 |
| 34752 | 1.1 | 1.04 | 17 | 132 | .1 | 17 | 5.78 | .1 | 16 | 20 | 1351 | 4.19 | 1 | .21 | 22 | 1.01 | 2324 | 15 | .03 | 16 | 1640 | 22 | 20 | 3 | 252 | 1 | .01 | 1 | 115.6 | 1 | 349 |
| 34753 | 1.6 | .95 | 97 | 85 | .1 | 33 | 7.90 | .1 | 19 | 20 | 2216 | 4.47 | 1 | .14 | 20 | 1.16 | 2884 | 14 | .03 | 18 | 1900 | 4 | 20 | 4 | 259 | 1 | .01 | 1 | 116.7 | 1 | 142 |
| 34754 | .9 | .79 | 39 | 220 | .1 | 8 | 7.83 | .1 | 15 | 14 | 775 | 3.72 | 1 | .20 | 16 | .73 | 2420 | 15 | .02 | 14 | 1550 | 23 | 8 | 2 | 317 | 1 | .01 | 1 | 78.8 | 1 | 106 |
| 34755 | .7 | .45 | 7 | 224 | .1 | 6 | 6.04 | .1 | 14 | 9 | 742 | 3.39 | 1 | .19 | 6 | .54 | 1870 | 10 | .03 | 11 | 1610 | 21 | 6 | 2 | 313 | 1 | .01 | 1 | 62.4 | 1 | 60 |
| 34756 | .4 | .77 | 29 | 324 | .1 | 1 | 4.99 | .1 | 12 | 10 | 135 | 3.11 | 1 | .14 | 13 | .77 | 1578 | 8 | .03 | 11 | 1480 | 7 | 5 | 2 | 289 | 1 | .01 | 1 | 69.3 | 1 | 63 |
| 34757 | .6 | .36 | 49 | 234 | .1 | 1 | 5.71 | .1 | 12 | 11 | 147 | 3.16 | 1 | .21 | 4 | .76 | 1576 | 10 | .02 | 10 | 1510 | 11 | 3 | 2 | 389 | 1 | .01 | 1 | 41.8 | 1 | 39 |
| 34758 | .3 | .40 | 1 | 216 | .1 | 1 | 5.31 | .1 | 11 | 13 | 134 | 3.12 | 1 | .19 | 7 | .44 | 1536 | 11 | .03 | 9 | 1470 | 19 | 5 | 2 | 329 | 1 | .01 | 1 | 43.1 | 1 | 49 |
| 34759 | .6 | .43 | 62 | 71 | .1 | 1 | 4.54 | .1 | 11 | 11 | 138 | 3.06 | 1 | .20 | 6 | .84 | 1569 | 10 | .03 | 11 | 1440 | 1 | 3 | 2 | 367 | 1 | .01 | 1 | 71.6 | 1 | 60 |
| 34760 | .8 | 1.08 | 54 | 208 | .1 | 1 | 4.28 | .1 | 11 | 16 | 223 | 2.82 | 1 | .23 | 25 | .71 | 1966 | 9 | .03 | 11 | 1210 | 34 | 9 | 2 | 109 | 1 | .01 | 1 | 78.6 | 1 | 92 |
| 34761 | .8 | 1.18 | 36 | 89 | .1 | 1 | 5.28 | .1 | 11 | 12 | 233 | 3.01 | 1 | .23 | 28 | .70 | 2076 | 9 | .02 | 12 | 1300 | 38 | 23 | 2 | 113 | 1 | .01 | 1 | 86.0 | 1 | 97 |
| 34762 | .8 | 1.29 | 30 | 101 | .1 | 1 | 5.13 | .1 | 14 | 10 | 187 | 3.22 | 1 | .25 | 26 | .72 | 1784 | 10 | .02 | 11 | 1750 | 44 | 24 | 2 | 146 | 1 | .01 | 1 | 74.9 | 1 | 100 |
| 34763 | .9 | 1.14 | 41 | 93 | .1 | 1 | 5.21 | .1 | 12 | 12 | 278 | 2.83 | 1 | .24 | 21 | .66 | 1847 | 10 | .02 | 11 | 1370 | 36 | 16 | 2 | 135 | 1 | .01 | 1 | 70.0 | 1 | 100 |
| 34764 | 1.2 | 1.11 | 72 | 344 | .1 | 1 | 6.10 | .1 | 11 | 11 | 279 | 2.88 | 1 | .21 | 22 | .78 | 2259 | 10 | .02 | 13 | 1380 | 39 | 23 | 2 | 215 | 1 | .01 | 1 | 78.7 | 1 | 104 |
| 34765 | 1.1 | 1.37 | 72 | 297 | .1 | 1 | 5.30 | .1 | 12 | 18 | 446 | 3.10 | 1 | .22 | 26 | .92 | 2066 | 11 | .02 | 13 | 1430 | 28 | 23 | 2 | 196 | 1 | .01 | 1 | 101.0 | 1 | 122 |
| 34766 | 1.1 | 1.28 | 67 | 235 | .1 | 2 | 4.35 | .1 | 11 | 11 | 519 | 2.99 | 1 | .23 | 24 | .83 | 1938 | 9 | .02 | 12 | 1270 | 38 | 23 | 2 | 179 | 1 | .01 | 1 | 73.2 | 1 | 118 |
| 34767 | 1.7 | 1.08 | 45 | 241 | .1 | 38 | 3.24 | .1 | 11 | 20 | 2155 | 3.04 | 1 | .23 | 23 | .68 | 1634 | 9 | .02 | 12 | 1290 | 66 | 24 | 2 | 187 | 1 | .01 | 1 | 65.5 | 1 | 100 |
| 34768 | 1.5 | 1.13 | 43 | 211 | .1 | 12 | 4.12 | .1 | 12 | 13 | 984 | 3.30 | 1 | .25 | 24 | .71 | 1795 | 11 | .02 | 11 | 1250 | 45 | 24 | 2 | 221 | 1 | .01 | 1 | 69.5 | 1 | 114 |
| 34769 | 1.1 | .66 | 50 | 449 | .1 | 1 | 3.00 | .1 | 6 | 22 | 178 | 1.56 | 1 | .23 | 6 | .24 | 1017 | 13 | .02 | 6 | 670 | 16 | 8 | 1 | 232 | 1 | .01 | 1 | 29.3 | 2 | 52 |
| 34770 | 1.0 | .78 | 30 | 237 | .1 | 1 | 2.85 | .1 | 7 | 10 | 196 | 2.01 | 1 | .25 | 8 | .26 | 912 | 10 | .02 | 6 | 800 | 33 | 10 | 1 | 237 | 1 | .01 | 1 | 34.3 | 1 | 49 |
| 34771 | 1.3 | .58 | 47 | 294 | .1 | 1 | 3.39 | .1 | 7 | 10 | 146 | 1.88 | 1 | .24 | 6 | .23 | 1123 | 8 | .02 | 6 | 720 | 109 | 9 | 1 | 230 | 1 | .01 | 1 | 19.0 | 1 | 46 |
| 34772 | 1.2 | .55 | 40 | 243 | .1 | 1 | 4.57 | .1 | 8 | 11 | 140 | 2.04 | 1 | .25 | 6 | .24 | 1472 | 6 | .02 | 10 | 940 | 39 | 9 | 1 | 263 | 1 | .01 | 1 | 18.0 | 1 | 48 |
| 34773 | 1.1 | .77 | 22 | 338 | .1 | 1 | 5.59 | .1 | 11 | 8 | 189 | 3.19 | 1 | .26 | 11 | .49 | 1860 | 11 | .02 | 10 | 1420 | 39 | 10 | 2 | 359 | 1 | .01 | 1 | 39.7 | 1 | 99 |
| 34774 | 1.5 | .40 | 73 | 337 | .1 | 1 | 4.84 | .1 | 10 | 10 | 198 | 2.52 | 1 | .26 | 4 | .56 | 1366 | 11 | .01 | 10 | 1020 | 46 | 6 | 2 | 447 | 1 | .01 | 1 | 15.2 | 1 | 65 |
| 34775 | 1.4 | .35 | 72 | 223 | .1 | 1 | 3.92 | .1 | 7 | 13 | 157 | 1.79 | 1 | .25 | 4 | .33 | 1209 | 9 | .02 | 6 | 700 | 38 | 6 | 1 | 312 | 1 | .01 | 1 | 28.7 | 1 | 41 |
| 34776 | 1.4 | .40 | 109 | 431 | .1 | 1 | 3.42 | .1 | 6 | 18 | 142 | 1.50 | 1 | .25 | 4 | .49 | 1133 | 6 | .02 | 7 | 670 | 13 | 5 | 1 | 341 | 1 | .01 | 1 | 33.4 | 2 | 32 |
| 34777 | 1.3 | .49 | 126 | 359 | .1 | 1 | 3.88 | .1 | 5 | 17 | 132 | 1.47 | 1 | .28 | 5 | .77 | 1195 | 7 | .02 | 7 | 660 | 14 | 2 | 1 | 371 | 1 | .01 | 1 | 38.8 | 1 | 30 |
| 34778 | 1.0 | 1.20 | 126 | 833 | .1 | 1 | 8.46 | .1 | 20 | 32 | 133 | 4.43 | 1 | .32 | 24 | 1.41 | 2062 | 11 | .03 | 22 | 1520 | 1 | 19 | 4 | 673 | 1 | .02 | 1 | 110.7 | 1 | 59 |

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: Llyod Tattersall

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0283-RJ3+4
DATE: 96/06/20
* * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34779 | .6 | 1.14 | 56 | 461 | .1 | 1 | 7.77 | .1 | 24 | 26 | 134 | 5.04 | 1 | .30 | 31 | 1.52 | 2034 | 12 | .02 | 26 | 1590 | 1 | 15 | 4 | 463 | 1 | .02 | 1 | 128.7 | 1 | 70 |
| 34780 | .5 | 1.10 | 88 | 985 | .1 | 1 | 8.49 | .1 | 23 | 21 | 131 | 5.56 | 1 | .37 | 28 | 2.25 | 2553 | 14 | .02 | 24 | 1560 | 1 | 9 | 5 | 582 | 1 | .01 | 1 | 134.1 | 1 | 65 |
| 34781 | 1.0 | .87 | 214 | 2724 | .1 | 1 | 13.00 | .1 | 19 | 18 | 107 | 4.56 | 1 | .28 | 15 | 2.31 | 3281 | 12 | .01 | 25 | 1280 | 1 | 7 | 5 | 860 | 1 | .01 | 1 | 104.6 | 1 | 57 |
| 34782 | .8 | 1.13 | 28 | 196 | .1 | 1 | 7.71 | .1 | 17 | 18 | 135 | 4.13 | 1 | .38 | 15 | 1.41 | 1942 | 11 | .02 | 20 | 1690 | 1 | 16 | 3 | 587 | 1 | .01 | 1 | 108.0 | 1 | 68 |
| 34783 | .7 | 1.65 | 4 | 95 | .1 | 1 | 7.80 | .1 | 26 | 16 | 164 | 5.67 | 1 | .31 | 30 | 1.57 | 2175 | 14 | .02 | 25 | 1690 | 1 | 21 | 5 | 582 | 1 | .03 | 1 | 134.6 | 1 | 94 |
| 34784 | .5 | 1.83 | 1 | 60 | .1 | 1 | 8.52 | .1 | 29 | 32 | 136 | 6.36 | 1 | .35 | 35 | 1.72 | 2081 | 16 | .02 | 28 | 1690 | 1 | 20 | 5 | 639 | 1 | .04 | 1 | 158.2 | 1 | 97 |
| 34785 | .8 | 1.42 | 19 | 181 | .1 | 1 | 10.45 | .1 | 21 | 25 | 165 | 5.35 | 1 | .29 | 27 | 1.21 | 2460 | 13 | .02 | 24 | 1620 | 1 | 23 | 4 | 660 | 1 | .03 | 1 | 138.0 | 1 | 109 |
| 34786 | 1.1 | 1.95 | 51 | 104 | .1 | 1 | 7.96 | .1 | 18 | 16 | 478 | 4.74 | 1 | .22 | 46 | 1.26 | 2275 | 24 | .03 | 17 | 2000 | 2 | 25 | 3 | 434 | 1 | .01 | 1 | 157.5 | 1 | 181 |
| 34787 | 1.3 | 1.09 | 16 | 121 | .1 | 1 | 6.53 | .1 | 13 | 10 | 299 | 2.99 | 1 | .24 | 19 | .51 | 1599 | 10 | .02 | 10 | 1370 | 35 | 11 | 2 | 364 | 1 | .01 | 1 | 67.6 | 1 | 108 |
| 34788 | 1.2 | 1.66 | 1 | 245 | .1 | 8 | 7.90 | .1 | 19 | 13 | 949 | 4.74 | 1 | .23 | 34 | 1.02 | 2434 | 13 | .03 | 17 | 1850 | 15 | 25 | 3 | 384 | 1 | .01 | 1 | 149.3 | 1 | 186 |
| 34789 | 1.0 | 1.30 | 41 | 617 | .1 | 1 | 5.33 | .1 | 12 | 10 | 135 | 2.98 | 1 | .41 | 29 | .70 | 1564 | 9 | .03 | 12 | 1380 | 46 | 11 | 2 | 456 | 1 | .01 | 1 | 106.0 | 1 | 87 |
| 34790 | 1.0 | 1.36 | 49 | 793 | .1 | 1 | 5.25 | .1 | 12 | 14 | 127 | 2.96 | 1 | .41 | 29 | .83 | 1671 | 10 | .02 | 12 | 1390 | 27 | 10 | 2 | 569 | 1 | .01 | 1 | 85.6 | 1 | 87 |
| 34791 | .9 | 1.43 | 46 | 812 | .1 | 1 | 5.39 | .1 | 12 | 13 | 123 | 3.01 | 1 | .46 | 30 | .78 | 1762 | 10 | .03 | 13 | 1390 | 41 | 11 | 2 | 702 | 1 | .01 | 1 | 103.5 | 1 | 83 |
| 34792 | 1.0 | 1.35 | 47 | 570 | .1 | 1 | 5.68 | .1 | 12 | 16 | 145 | 3.31 | 1 | .34 | 30 | .98 | 1915 | 10 | .03 | 13 | 1390 | 23 | 9 | 2 | 506 | 1 | .01 | 1 | 128.2 | 1 | 110 |
| 34793 | 1.6 | 1.59 | 58 | 513 | .1 | 14 | 8.18 | .1 | 17 | 17 | 1037 | 4.11 | 1 | .24 | 30 | 1.23 | 2885 | 14 | .03 | 17 | 1900 | 8 | 23 | 3 | 401 | 1 | .01 | 1 | 145.5 | 1 | 153 |
| 34794 | 3.3 | 1.45 | 68 | 364 | .1 | 59 | 7.41 | .1 | 15 | 13 | 3050 | 3.80 | 1 | .20 | 27 | 1.17 | 2687 | 13 | .03 | 17 | 2040 | 17 | 24 | 3 | 380 | 1 | .01 | 1 | 125.9 | 1 | 149 |
| 34795 | 4.2 | 1.20 | 30 | 297 | .1 | 85 | 6.52 | .1 | 15 | 21 | 4126 | 3.53 | 1 | .21 | 21 | .82 | 2450 | 12 | .03 | 15 | 1460 | 38 | 26 | 2 | 330 | 1 | .01 | 1 | 110.8 | 1 | 143 |
| 34796 | 4.4 | 2.08 | 120 | 190 | .1 | 86 | 9.26 | .1 | 23 | 11 | 4596 | 5.07 | 1 | .20 | 38 | 1.88 | 3858 | 15 | .03 | 22 | 2690 | 12 | 24 | 5 | 393 | 1 | .01 | 1 | 180.2 | 1 | 247 |
| 34797 | 9.7 | 1.97 | 92 | 76 | .1 | 244 | 8.90 | .1 | 26 | 18 | >10000 | 5.87 | 1 | .15 | 38 | 1.87 | 3741 | 17 | .03 | 24 | 2820 | 41 | 31 | 5 | 380 | 1 | .01 | 1 | 205.7 | 1 | 254 |
| 34798 | 5.4 | 1.89 | 83 | 163 | .1 | 103 | 8.93 | .1 | 23 | 18 | 5364 | 5.58 | 1 | .13 | 35 | 1.82 | 3721 | 15 | .03 | 24 | 2700 | 1 | 25 | 5 | 379 | 1 | .01 | 1 | 214.1 | 1 | 239 |
| 34799 | 5.0 | 1.45 | 18 | 187 | .1 | 99 | 5.82 | .1 | 17 | 17 | 4834 | 4.39 | 1 | .27 | 29 | 1.19 | 2229 | 13 | .03 | 17 | 1890 | 31 | 25 | 3 | 416 | 1 | .01 | 1 | 161.9 | 1 | 152 |
| 34800 | .8 | 1.37 | 49 | 290 | .1 | 1 | 5.81 | .1 | 13 | 16 | 163 | 3.64 | 1 | .35 | 25 | 1.01 | 1899 | 11 | .03 | 15 | 1430 | 49 | 10 | 2 | 484 | 1 | .01 | 1 | 149.3 | 1 | 132 |
| 34801 | .9 | 1.33 | 62 | 306 | .1 | 1 | 5.61 | .1 | 13 | 19 | 203 | 3.69 | 1 | .33 | 24 | 1.03 | 1924 | 12 | .03 | 15 | 1470 | 64 | 9 | 2 | 480 | 1 | .01 | 1 | 150.6 | 1 | 140 |
| 34802 | .9 | 1.37 | 69 | 420 | .1 | 1 | 5.57 | .1 | 14 | 23 | 155 | 3.66 | 1 | .33 | 23 | 1.01 | 2032 | 11 | .03 | 16 | 1440 | 68 | 9 | 2 | 460 | 1 | .01 | 1 | 145.3 | 1 | 158 |
| 34803 | .4 | 1.24 | 44 | 534 | .1 | 1 | 4.83 | .1 | 11 | 11 | 247 | 2.95 | 1 | .29 | 23 | .92 | 1854 | 8 | .03 | 12 | 1260 | 41 | 2 | 2 | 352 | 1 | .01 | 1 | 118.6 | 1 | 109 |
| 34804 | 3.2 | 1.56 | 91 | 153 | .1 | 70 | 6.59 | .1 | 16 | 17 | 4029 | 3.45 | 1 | .21 | 25 | 1.40 | 2859 | 23 | .04 | 16 | 1960 | 7 | 4 | 3 | 331 | 1 | .01 | 1 | 124.0 | 1 | 143 |
| 34805 | 3.7 | 1.57 | 91 | 170 | .1 | 89 | 6.72 | .1 | 18 | 11 | 5078 | 3.97 | 1 | .14 | 29 | 1.61 | 3198 | 11 | .03 | 18 | 2200 | 1 | 3 | 3 | 310 | 1 | .01 | 1 | 151.6 | 1 | 165 |
| 34806 | 2.0 | 1.45 | 72 | 233 | .1 | 37 | 6.77 | .1 | 17 | 21 | 2317 | 3.89 | 1 | .17 | 24 | 1.44 | 2954 | 12 | .03 | 17 | 1690 | 1 | 2 | 3 | 290 | 1 | .01 | 1 | 146.8 | 1 | 166 |
| 34807 | 2.0 | 1.69 | 49 | 156 | .1 | 25 | 7.76 | .1 | 23 | 11 | 1912 | 4.90 | 1 | .21 | 37 | 1.79 | 3436 | 21 | .04 | 20 | 1900 | 1 | 14 | 4 | 399 | 1 | .01 | 1 | 170.9 | 1 | 201 |
| 34808 | 1.5 | 1.59 | 33 | 102 | .1 | 22 | 6.68 | .1 | 19 | 19 | 1724 | 4.52 | 1 | .21 | 35 | 1.57 | 3156 | 13 | .03 | 18 | 2130 | 1 | 1 | 3 | 361 | 1 | .01 | 1 | 160.6 | 1 | 185 |
| 34809 | .8 | .67 | 1 | 172 | .1 | 1 | 3.65 | .1 | 7 | 10 | 118 | 2.19 | 1 | .21 | 12 | .60 | 1448 | 7 | .03 | 8 | 780 | 35 | 1 | 2 | 353 | 1 | .01 | 1 | 76.7 | 1 | 72 |
| 34810 | .5 | .54 | 3 | 77 | .1 | 1 | 2.91 | .1 | 5 | 16 | 98 | 1.84 | 1 | .23 | 8 | .39 | 1119 | 8 | .03 | 6 | 710 | 13 | 1 | 1 | 326 | 1 | .01 | 1 | 68.1 | 2 | 60 |
| 34811 | .7 | .47 | 1 | 44 | .1 | 1 | 3.14 | .1 | 6 | 9 | 108 | 1.92 | 1 | .21 | 7 | .31 | 1100 | 6 | .03 | 5 | 650 | 21 | 2 | 1 | 317 | 1 | .01 | 1 | 42.1 | 1 | 53 |
| 34812 | .5 | .47 | 3 | 67 | .1 | 1 | 3.60 | .1 | 6 | 18 | 66 | 1.92 | 1 | .20 | 6 | .39 | 1320 | 5 | .03 | 7 | 710 | 5 | 1 | 1 | 350 | 1 | .01 | 1 | 51.4 | 2 | 55 |

**MINERAL • ENVIRONMENTS LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
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VANCOUVER, B.C. CANADA V5X 4E8
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**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0258-RA1**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: L. Tattersal / E. Livgard

Date: JUN-10-96

*We hereby certify* the following Assay of 24 core samples submitted JUN-03-96 by L. Tattersal.

| Sample Number | | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|---|
| 96-54 34344 | 6-8 (96-54) | .05 | .001 | .202 |
| 34345 | | .03 | .001 | .138 |
| 34346 | | .02 | .001 | .088 |
| 34347 | | .01 | .001 | .030 |
| 34348 | 14-16 | .01 | .001 | .047 |
| 34349 | | .02 | .001 | .055 |
| 34350 | | .01 | .001 | .033 |
| 34351 | | .01 | .001 | .037 |
| 34352 | | .01 | .001 | .029 |
| 34353 | 24-26 | .02 | .001 | .021 |
| 34354 | | .01 | .001 | .032 |
| 34355 | | .01 | .001 | .041 |
| 34356 | | .01 | .001 | .039 |
| 34357 | | .01 | .001 | .037 |
| 34358 | 34-36 | .01 | .001 | .039 |
| 34359 | | .01 | .001 | .051 |
| 34360 | | .05 | .001 | .136 |
| 34361 | | .01 | .001 | .095 |
| 34362 | | .02 | .001 | .092 |
| 34363 | 44-46 | .01 | .001 | .074 |
| 34364 | | .01 | .001 | .077 |
| 34365 | | .03 | .001 | .129 |
| 34366 | | .02 | .001 | .072 |
| 34367 | 52-54 | .06 | .002 | .293 |

*Certified by* _____

MIN-EN LABORATORIES

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**SMITHERS LAB:**
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SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0258-RA2**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: L. Tattersal / E. Livgard

Date: JUN-10-96

*We hereby certify* the following Assay of 24 CORE samples submitted JUN-03-96 by L. Tattersal.

| Sample Number | | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|---|
| 34368 | 54-56 (96-54) | .01 | .001 | .055 |
| 34369 | | .02 | .001 | .054 |
| 34370 | | .10 | .003 | .056 |
| 34371 | | .02 | .001 | .113 |
| 34372 | 62-64 | .01 | .001 | .058 |
| 34373 | | .02 | .001 | .077 |
| 34374 | | .01 | .001 | .061 |
| 34375 | | .01 | .001 | .074 |
| 34376 | | .01 | .001 | .048 |
| 34377 | 72-74 | .01 | .001 | .025 |
| 34378 | | .01 | .001 | .017 |
| 34379 | | .01 | .001 | .017 |
| 34380 | | .01 | .001 | .022 |
| 34381 | | .01 | .001 | .055 |
| 34382 | 82-84 | .01 | .001 | .048 |
| 34383 | | .06 | .002 | .301 |
| 34384 | | .05 | .001 | .243 |
| 34385 | | .02 | .001 | .095 |
| 34386 | | .01 | .001 | .097 |
| 34387 | 92-94 | .01 | .001 | .062 |
| 34388 | | .01 | .001 | .048 |
| 34389 | | .01 | .001 | .054 |
| 34390 | | .02 | .001 | .060 |
| 34391 | 100-102 | .01 | .001 | .029 |

*Certified by* _____

MIN-EN LABORATORIES

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SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

## *Assay Certificate*

**6V-0258-RA3**

Company: **BIG VALLEY RESOURCES**
Project:
Attn: L. Tattersal / E. Livgard

Date: JUN-10-96

*We hereby certify* the following Assay of 24 CORE samples submitted JUN-03-96 by L. Tattersal.

DDH 96-54

| Sample Number | | Au-fire g/tonne | Au-fire oz/ton | Cu % |
|---|---|---|---|---|
| 34392 | 102-104 (96-54) | .01 | .001 | .014 |
| 34393 | | .01 | .001 | .014 |
| 34394 | | .01 | .001 | .012 |
| 34395 | | .01 | .001 | .024 |
| 34396 | 110 - 112 | .01 | .001 | .013 |
| 34397 | | .01 | .001 | .050 |
| 34398 | | .01 | .001 | .027 |
| 34399 | | .01 | .001 | .024 |
| 34400 | | .01 | .001 | .013 |
| 34401 | 120 - 122 | .01 | .001 | .016 |
| 34402 | | .01 | .001 | .011 |
| 34403 | | .01 | .001 | .014 |
| 34404 | | .01 | .001 | .016 |
| 34405 | | .01 | .001 | .013 |
| 34406 | 130 - 132 | .01 | .001 | .016 |
| 34407 | | .01 | .001 | .017 |
| 34408 | | .02 | .001 | .015 |
| 34409 | | .01 | .001 | .012 |
| 34410 | | .01 | .001 | .016 |
| 34411 | 140 - 142 | .01 | .001 | .015 |
| 34412 | | .01 | .001 | .009 |
| 34413 | | .02 | .001 | .014 |
| 34414 | | .01 | .001 | .012 |
| 34415 | | .01 | .001 | .011 |
| 34416 | 150 - 152.4 (EOH) | .01 | .001 | .013 |

*Certified by* _____

MIN-EN LABORATORIES

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: L. Tattersal / E. Livgard

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0258-RJ1+2
DATE: 96/06/10
* rock * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34344 | .5 | 1.30 | 48 | 80 | .1 | 31 | 5.97 | .1 | 14 | 14 | 2371 | 4.30 | 1 | .16 | 25 | 1.27 | 2299 | 11 | .02 | 14 | 2140 | 1 | 12 | 4 | 128 | 1 | .01 | 1 | 161.4 | 1 | 147 |
| 34345 | .2 | 1.26 | 43 | 96 | .1 | 14 | 5.86 | .1 | 15 | 11 | 1622 | 4.51 | 1 | .17 | 21 | 1.21 | 2219 | 11 | .03 | 14 | 1760 | 1 | 13 | 4 | 136 | 1 | .01 | 1 | 172.6 | 1 | 147 |
| 34346 | .1 | 1.11 | 59 | 57 | .1 | 5 | 5.11 | .1 | 14 | 12 | 1012 | 3.89 | 1 | .22 | 17 | 1.09 | 2030 | 17 | .03 | 12 | 1790 | 1 | 13 | 3 | 143 | 1 | .01 | 1 | 127.5 | 1 | 104 |
| 34347 | .1 | 1.14 | 50 | 64 | .1 | 1 | 5.04 | .1 | 11 | 13 | 333 | 3.59 | 1 | .23 | 19 | .98 | 1734 | 9 | .03 | 11 | 1620 | 1 | 13 | 3 | 148 | 1 | .01 | 1 | 135.8 | 1 | 101 |
| 34348 | .1 | 1.30 | 57 | 128 | .1 | 1 | 4.75 | .1 | 12 | 16 | 517 | 3.84 | 1 | .20 | 24 | 1.19 | 1703 | 10 | .03 | 11 | 1680 | 1 | 12 | 3 | 155 | 1 | .01 | 1 | 156.2 | 1 | 118 |
| 34349 | .1 | 1.48 | 56 | 119 | .1 | 1 | 4.29 | .1 | 15 | 14 | 614 | 4.21 | 1 | .20 | 27 | 1.31 | 1761 | 14 | .03 | 13 | 1630 | 7 | 14 | 4 | 140 | 1 | .01 | 1 | 164.5 | 1 | 144 |
| 34350 | .1 | 1.22 | 57 | 119 | .1 | 1 | 4.65 | .1 | 14 | 13 | 367 | 3.83 | 1 | .21 | 20 | 1.05 | 1783 | 12 | .03 | 12 | 1640 | 1 | 14 | 3 | 141 | 1 | .01 | 1 | 138.2 | 1 | 112 |
| 34351 | .1 | 1.18 | 45 | 62 | .1 | 1 | 5.47 | .1 | 12 | 13 | 398 | 3.77 | 1 | .25 | 19 | 1.00 | 1782 | 9 | .02 | 11 | 1560 | 1 | 14 | 3 | 156 | 1 | .01 | 1 | 144.2 | 1 | 97 |
| 34352 | .1 | 1.29 | 63 | 70 | .1 | 1 | 5.69 | .1 | 14 | 14 | 314 | 3.82 | 1 | .22 | 25 | 1.23 | 1866 | 16 | .03 | 13 | 1520 | 1 | 13 | 3 | 139 | 1 | .01 | 1 | 138.3 | 1 | 98 |
| 34353 | .1 | 1.18 | 56 | 83 | .1 | 1 | 4.66 | .1 | 12 | 12 | 225 | 3.66 | 1 | .22 | 21 | 1.16 | 1723 | 9 | .02 | 11 | 1590 | 1 | 11 | 3 | 150 | 1 | .01 | 1 | 138.3 | 1 | 92 |
| 34354 | .1 | 1.29 | 58 | 106 | .1 | 1 | 5.32 | .1 | 13 | 15 | 358 | 3.87 | 1 | .18 | 24 | 1.26 | 1904 | 9 | .02 | 12 | 1620 | 1 | 12 | 3 | 165 | 1 | .01 | 1 | 147.6 | 1 | 101 |
| 34355 | .1 | 1.20 | 57 | 61 | .1 | 1 | 5.36 | .1 | 12 | 15 | 461 | 3.78 | 1 | .17 | 23 | 1.23 | 1835 | 9 | .03 | 12 | 1560 | 1 | 11 | 4 | 154 | 1 | .01 | 1 | 154.3 | 1 | 96 |
| 34356 | .1 | 1.22 | 60 | 52 | .1 | 1 | 5.55 | .1 | 12 | 15 | 439 | 3.74 | 1 | .21 | 22 | 1.23 | 1829 | 9 | .03 | 12 | 1590 | 1 | 10 | 4 | 162 | 1 | .02 | 1 | 147.2 | 1 | 97 |
| 34357 | .1 | 1.21 | 63 | 72 | .1 | 1 | 4.64 | .1 | 12 | 12 | 364 | 3.69 | 1 | .24 | 24 | 1.28 | 1618 | 9 | .03 | 12 | 1520 | 1 | 11 | 3 | 160 | 1 | .02 | 1 | 144.1 | 1 | 93 |
| 34358 | .1 | 1.30 | 58 | 53 | .1 | 1 | 5.12 | .1 | 12 | 14 | 442 | 3.82 | 1 | .20 | 27 | 1.22 | 1752 | 13 | .03 | 12 | 1590 | 1 | 12 | 4 | 144 | 1 | .01 | 1 | 154.0 | 1 | 101 |
| 34359 | .1 | 1.26 | 58 | 42 | .1 | 1 | 5.79 | .1 | 12 | 12 | 576 | 3.52 | 1 | .22 | 29 | 1.03 | 2031 | 11 | .03 | 12 | 1550 | 5 | 14 | 3 | 142 | 1 | .01 | 1 | 134.6 | 1 | 101 |
| 34360 | .3 | 1.24 | 57 | 56 | .1 | 20 | 4.56 | .1 | 12 | 15 | 1570 | 3.62 | 1 | .21 | 26 | .98 | 1659 | 10 | .03 | 11 | 1760 | 22 | 16 | 3 | 143 | 1 | .01 | 1 | 143.5 | 1 | 113 |
| 34361 | .1 | .96 | 33 | 133 | .1 | 6 | 3.72 | .1 | 11 | 12 | 1031 | 3.96 | 1 | .16 | 18 | .77 | 1484 | 8 | .03 | 9 | 1150 | 4 | 15 | 3 | 103 | 1 | .01 | 1 | 196.3 | 2 | 116 |
| 34362 | .1 | .98 | 36 | 143 | .1 | 7 | 3.84 | .1 | 11 | 15 | 1059 | 4.05 | 1 | .16 | 18 | .79 | 1554 | 8 | .03 | 10 | 1180 | 3 | 16 | 3 | 107 | 1 | .01 | 1 | 200.0 | 2 | 120 |
| 34363 | .1 | .93 | 49 | 205 | .1 | 6 | 4.21 | .1 | 9 | 12 | 836 | 3.19 | 1 | .15 | 17 | .77 | 1631 | 8 | .02 | 8 | 1100 | 7 | 14 | 3 | 109 | 1 | .01 | 1 | 146.5 | 2 | 107 |
| 34364 | .1 | 1.22 | 45 | 125 | .1 | 1 | 4.58 | .1 | 13 | 14 | 865 | 4.21 | 1 | .18 | 22 | 1.03 | 1911 | 9 | .03 | 12 | 1420 | 6 | 15 | 4 | 150 | 1 | .01 | 1 | 197.0 | 1 | 136 |
| 34365 | .1 | 1.31 | 38 | 210 | .1 | 11 | 4.58 | .1 | 15 | 12 | 1487 | 4.89 | 1 | .19 | 25 | 1.12 | 1955 | 9 | .03 | 13 | 1730 | 7 | 17 | 4 | 155 | 1 | .01 | 1 | 237.5 | 1 | 139 |
| 34366 | .1 | 1.31 | 44 | 175 | .1 | 1 | 5.33 | .1 | 14 | 12 | 809 | 4.47 | 1 | .19 | 27 | 1.14 | 2128 | 9 | .03 | 13 | 1620 | 1 | 15 | 4 | 161 | 1 | .01 | 1 | 199.6 | 1 | 139 |
| 34367 | 1.1 | 1.21 | 60 | 87 | .1 | 54 | 5.81 | .1 | 12 | 17 | 3345 | 3.69 | 1 | .19 | 22 | 1.13 | 2115 | 8 | .03 | 12 | 1950 | 5 | 15 | 4 | 158 | 1 | .01 | 1 | 164.2 | 1 | 113 |
| 34368 | .1 | 1.20 | 68 | 185 | .1 | 1 | 5.92 | .1 | 12 | 17 | 626 | 3.55 | 1 | .16 | 23 | 1.16 | 2068 | 8 | .03 | 14 | 1690 | 1 | 13 | 3 | 165 | 1 | .01 | 1 | 160.0 | 1 | 112 |
| 34369 | .1 | 1.25 | 63 | 116 | .1 | 1 | 6.59 | .1 | 13 | 16 | 626 | 3.88 | 1 | .17 | 24 | 1.21 | 2398 | 9 | .03 | 14 | 1750 | 21 | 13 | 4 | 165 | 1 | .01 | 1 | 172.4 | 1 | 122 |
| 34370 | .1 | 1.22 | 65 | 162 | .1 | 1 | 5.88 | .1 | 12 | 17 | 630 | 3.81 | 1 | .16 | 26 | 1.19 | 2002 | 8 | .03 | 14 | 1810 | 1 | 13 | 3 | 161 | 1 | .01 | 1 | 171.5 | 1 | 110 |
| 34371 | .1 | 1.21 | 66 | 53 | .1 | 13 | 4.79 | .1 | 11 | 14 | 1297 | 3.47 | 1 | .19 | 29 | 1.09 | 1750 | 9 | .03 | 12 | 1670 | 1 | 13 | 3 | 144 | 1 | .01 | 1 | 144.9 | 1 | 104 |
| 34372 | .1 | .97 | 52 | 67 | .1 | 1 | 5.45 | .1 | 10 | 12 | 644 | 3.17 | 1 | .17 | 19 | .83 | 1684 | 7 | .02 | 10 | 1460 | 1 | 13 | 3 | 153 | 1 | .01 | 1 | 138.1 | 2 | 91 |
| 34373 | .1 | 1.06 | 59 | 70 | .1 | 6 | 4.75 | .1 | 10 | 11 | 857 | 3.19 | 1 | .18 | 20 | .91 | 1563 | 7 | .02 | 11 | 1490 | 1 | 13 | 3 | 159 | 1 | .01 | 1 | 134.9 | 2 | 86 |
| 34374 | .1 | 1.17 | 55 | 62 | .1 | 1 | 4.68 | .1 | 10 | 12 | 668 | 3.40 | 1 | .19 | 22 | 1.05 | 1571 | 8 | .03 | 11 | 1480 | 1 | 13 | 3 | 153 | 1 | .01 | 1 | 141.0 | 1 | 89 |
| 34375 | .1 | 1.13 | 58 | 56 | .1 | 4 | 4.59 | .1 | 10 | 13 | 795 | 3.30 | 1 | .19 | 23 | 1.00 | 1383 | 10 | .03 | 11 | 1400 | 1 | 13 | 3 | 148 | 1 | .01 | 1 | 137.3 | 1 | 92 |
| 34376 | .1 | 1.21 | 72 | 50 | .1 | 1 | 5.77 | .1 | 11 | 14 | 517 | 3.09 | 1 | .15 | 25 | 1.13 | 1792 | 8 | .03 | 11 | 1590 | 1 | 12 | 3 | 150 | 1 | .01 | 1 | 129.9 | 1 | 90 |
| 34377 | .1 | 1.89 | 89 | 90 | .1 | 1 | 5.83 | .1 | 20 | 16 | 259 | 4.80 | 1 | .18 | 43 | 1.77 | 1961 | 10 | .20 | 19 | 1730 | 1 | 14 | 4 | 262 | 1 | .06 | 1 | 160.5 | 1 | 82 |
| 34378 | .1 | 2.27 | 106 | 39 | .1 | 1 | 4.60 | .1 | 23 | 31 | 165 | 5.18 | 1 | .15 | 50 | 2.44 | 1793 | 10 | .30 | 27 | 1800 | 1 | 11 | 4 | 428 | 1 | .08 | 1 | 167.2 | 1 | 66 |
| 34379 | .1 | 2.01 | 89 | 57 | .1 | 1 | 2.02 | .1 | 18 | 24 | 160 | 4.32 | 1 | .09 | 50 | 1.87 | 1128 | 9 | .37 | 18 | 1740 | 1 | 13 | 4 | 414 | 1 | .07 | 1 | 155.3 | 1 | 60 |
| 34380 | .1 | 2.13 | 93 | 55 | .1 | 1 | 4.68 | .1 | 22 | 26 | 214 | 5.26 | 1 | .19 | 37 | 1.87 | 1599 | 11 | .42 | 23 | 1770 | 1 | 17 | 4 | 372 | 1 | .09 | 1 | 168.2 | 1 | 73 |
| 34381 | .2 | 1.35 | 91 | 71 | .1 | 2 | 5.39 | .1 | 12 | 19 | 618 | 3.41 | 1 | .17 | 26 | 1.33 | 1702 | 9 | .03 | 13 | 1910 | 1 | 14 | 3 | 179 | 1 | .01 | 1 | 143.4 | 1 | 98 |
| 34382 | .1 | 1.26 | 77 | 123 | .1 | 1 | 5.45 | .1 | 13 | 16 | 543 | 3.76 | 1 | .18 | 22 | 1.24 | 1812 | 9 | .03 | 13 | 1630 | 1 | 15 | 3 | 185 | 1 | .01 | 1 | 158.6 | 1 | 113 |
| 34383 | 1.3 | 1.70 | 112 | 163 | .1 | 56 | 5.96 | .1 | 18 | 15 | 3459 | 4.59 | 1 | .17 | 30 | 1.75 | 2350 | 11 | .03 | 17 | 2150 | 4 | 17 | 4 | 180 | 1 | .01 | 1 | 178.2 | 1 | 156 |
| 34384 | 1.0 | 1.74 | 112 | 83 | .1 | 41 | 7.76 | .1 | 19 | 11 | 2712 | 4.67 | 1 | .16 | 35 | 1.85 | 2890 | 12 | .03 | 17 | 2300 | 1 | 17 | 4 | 199 | 1 | .01 | 1 | 183.1 | 1 | 166 |
| 34385 | .4 | 1.95 | 122 | 96 | .1 | 5 | 6.41 | .1 | 18 | 12 | 1059 | 4.55 | 1 | .17 | 43 | 2.25 | 2991 | 10 | .02 | 20 | 2140 | 1 | 12 | 4 | 217 | 1 | .01 | 1 | 164.6 | 1 | 170 |
| 34386 | .1 | 1.78 | 109 | 129 | .1 | 7 | 6.42 | .1 | 16 | 12 | 1071 | 4.27 | 1 | .17 | 36 | 1.96 | 2742 | 10 | .02 | 17 | 2030 | 1 | 13 | 4 | 244 | 1 | .01 | 1 | 145.9 | 1 | 154 |
| 34387 | .4 | 1.45 | 91 | 57 | .1 | 4 | 5.96 | .1 | 14 | 11 | 676 | 3.63 | 1 | .20 | 30 | 1.48 | 2163 | 9 | .02 | 15 | 1800 | 1 | 15 | 3 | 229 | 1 | .01 | 1 | 135.7 | 1 | 115 |
| 34388 | .3 | 1.12 | 81 | 124 | .1 | 2 | 5.08 | .1 | 13 | 13 | 531 | 3.39 | 1 | .19 | 22 | 1.11 | 1853 | 8 | .02 | 11 | 1600 | 1 | 15 | 3 | 182 | 1 | .01 | 1 | 118.6 | 1 | 96 |
| 34389 | .1 | 1.14 | 73 | 144 | .1 | 2 | 5.73 | .1 | 13 | 12 | 563 | 3.59 | 1 | .20 | 22 | 1.09 | 1939 | 8 | .02 | 13 | 1610 | 1 | 15 | 3 | 205 | 1 | .01 | 1 | 132.6 | 1 | 115 |
| 34390 | .3 | .75 | 63 | 52 | .1 | 6 | 5.80 | .1 | 10 | 12 | 671 | 3.24 | 1 | .22 | 11 | .75 | 1658 | 7 | .02 | 10 | 1670 | 7 | 15 | 3 | 247 | 1 | .01 | 1 | 117.5 | 2 | 91 |
| 34391 | .5 | .64 | 80 | 147 | .1 | 1 | 4.58 | .1 | 10 | 9 | 305 | 2.75 | 1 | .20 | 10 | .97 | 1617 | 8 | .02 | 10 | 1320 | 1 | 12 | 3 | 205 | 1 | .01 | 1 | 84.4 | 1 | 89 |

COMP: BIG VALLEY RESOURCES
PROJ:
ATTN: L. Tattersal / E. Livgard

# MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6V-0258-RJ3
DATE: 96/06/10
* * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | GA PPM | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SN PPM | SR PPM | TH PPM | TI % | U PPM | V PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34392 | .1 | 1.06 | 54 | 239 | .1 | 1 | 5.71 | .1 | 17 | 6 | 153 | 4.74 | 1 | .28 | 21 | 1.30 | 2192 | 9 | .03 | 17 | 2210 | 1 | 16 | 4 | 285 | 1 | .02 | 1 | 133.1 | 1 | 72 |
| 34393 | .1 | .80 | 62 | 82 | .1 | 1 | 5.79 | .1 | 16 | 9 | 156 | 4.36 | 1 | .20 | 16 | 1.47 | 2253 | 8 | .03 | 16 | 2040 | 1 | 12 | 3 | 238 | 1 | .01 | 1 | 125.0 | 1 | 76 |
| 34394 | .1 | .44 | 32 | 148 | .1 | 1 | 3.50 | .1 | 7 | 8 | 129 | 2.48 | 1 | .22 | 5 | .72 | 1442 | 10 | .03 | 10 | 910 | 13 | 1 | 2 | 189 | 1 | .01 | 1 | 81.6 | 1 | 64 |
| 34395 | .4 | .41 | 80 | 188 | .1 | 1 | 3.99 | .1 | 10 | 12 | 266 | 2.80 | 1 | .22 | 4 | .68 | 1140 | 84 | .02 | 9 | 830 | 235 | 4 | 2 | 187 | 1 | .01 | 1 | 51.0 | 1 | 66 |
| 34396 | .4 | .38 | 102 | 142 | .1 | 1 | 5.81 | .1 | 9 | 14 | 139 | 2.94 | 1 | .15 | 3 | 1.72 | 1608 | 31 | .03 | 15 | 390 | 151 | 4 | 3 | 184 | 1 | .01 | 1 | 108.7 | 1 | 87 |
| 34397 | .3 | .54 | 22 | 642 | .1 | 5 | 3.76 | .1 | 9 | 13 | 571 | 2.60 | 1 | .16 | 9 | .54 | 1278 | 10 | .02 | 13 | 1090 | 29 | 5 | 2 | 168 | 1 | .01 | 1 | 85.0 | 11 | 99 |
| 34398 | .2 | .72 | 57 | 113 | .1 | 1 | 6.73 | .1 | 11 | 14 | 297 | 2.90 | 1 | .18 | 12 | .80 | 2166 | 8 | .03 | 13 | 1770 | 6 | 16 | 3 | 204 | 1 | .01 | 1 | 100.6 | 3 | 107 |
| 34399 | .1 | 1.31 | 50 | 69 | .1 | 1 | 5.66 | .1 | 13 | 16 | 262 | 3.68 | 1 | .17 | 25 | 1.15 | 2113 | 12 | .03 | 14 | 1900 | 1 | 16 | 3 | 164 | 1 | .01 | 1 | 141.6 | 2 | 144 |
| 34400 | .1 | .97 | 27 | 180 | .1 | 1 | 2.92 | .1 | 9 | 13 | 136 | 2.70 | 1 | .18 | 16 | .72 | 1357 | 15 | .03 | 10 | 1110 | 13 | 16 | 2 | 118 | 1 | .01 | 1 | 88.6 | 1 | 86 |
| 34401 | .1 | 1.32 | 53 | 59 | .1 | 1 | 4.55 | .1 | 15 | 8 | 151 | 3.96 | 1 | .18 | 27 | 1.22 | 1732 | 16 | .03 | 14 | 1910 | 1 | 16 | 3 | 168 | 1 | .01 | 1 | 129.8 | 1 | 99 |
| 34402 | .1 | .76 | 21 | 179 | .1 | 1 | 2.65 | .1 | 7 | 12 | 105 | 2.37 | 1 | .19 | 12 | .58 | 1073 | 8 | .03 | 8 | 870 | 16 | 3 | 2 | 174 | 1 | .01 | 1 | 80.7 | 1 | 72 |
| 34403 | .1 | .82 | 15 | 73 | .1 | 1 | 2.34 | .1 | 7 | 10 | 135 | 2.46 | 1 | .21 | 12 | .53 | 1043 | 7 | .03 | 8 | 950 | 23 | 4 | 2 | 114 | 1 | .01 | 1 | 78.7 | 1 | 72 |
| 34404 | .1 | .58 | 26 | 188 | .1 | 1 | 2.99 | .1 | 9 | 10 | 155 | 2.24 | 1 | .21 | 6 | .59 | 1126 | 18 | .03 | 9 | 900 | 31 | 1 | 2 | 187 | 1 | .01 | 1 | 55.6 | 1 | 72 |
| 34405 | .1 | 1.22 | 46 | 79 | .1 | 1 | 2.87 | .1 | 12 | 10 | 146 | 3.65 | 1 | .22 | 21 | .97 | 1367 | 120 | .03 | 12 | 1560 | 16 | 15 | 3 | 151 | 1 | .01 | 1 | 121.9 | 1 | 83 |
| 34406 | .1 | 1.71 | 63 | 36 | .1 | 1 | 4.32 | .1 | 18 | 9 | 167 | 5.17 | 1 | .21 | 33 | 1.48 | 1806 | 18 | .04 | 16 | 2270 | 13 | 18 | 4 | 159 | 1 | .01 | 1 | 168.1 | 1 | 104 |
| 34407 | .1 | 1.17 | 58 | 189 | .1 | 1 | 3.72 | .1 | 10 | 11 | 170 | 3.09 | 1 | .23 | 21 | .84 | 1325 | 12 | .02 | 10 | 1150 | 19 | 17 | 3 | 217 | 1 | .01 | 1 | 102.5 | 2 | 75 |
| 34408 | .1 | .89 | 25 | 83 | .1 | 1 | 2.85 | .1 | 8 | 11 | 141 | 2.55 | 1 | .20 | 17 | .62 | 1095 | 7 | .02 | 9 | 860 | 21 | 4 | 2 | 194 | 1 | .01 | 1 | 79.0 | 1 | 75 |
| 34409 | .1 | .87 | 28 | 101 | .1 | 1 | 2.79 | .1 | 8 | 10 | 132 | 2.60 | 1 | .19 | 16 | .57 | 1071 | 7 | .03 | 9 | 870 | 17 | 5 | 2 | 175 | 1 | .01 | 1 | 83.4 | 1 | 72 |
| 34410 | .1 | .86 | 22 | 70 | .1 | 1 | 2.62 | .1 | 8 | 11 | 140 | 2.66 | 1 | .17 | 16 | .56 | 1116 | 8 | .03 | 9 | 870 | 24 | 5 | 2 | 158 | 1 | .01 | 1 | 84.9 | 1 | 70 |
| 34411 | .1 | .77 | 26 | 67 | .1 | 1 | 3.26 | .1 | 7 | 9 | 147 | 2.55 | 1 | .17 | 15 | .55 | 1170 | 7 | .03 | 9 | 880 | 16 | 5 | 2 | 194 | 1 | .01 | 1 | 100.7 | 1 | 64 |
| 34412 | .1 | .79 | 20 | 97 | .1 | 1 | 3.36 | .1 | 7 | 9 | 97 | 2.41 | 1 | .22 | 13 | .50 | 1158 | 6 | .03 | 8 | 910 | 23 | 5 | 2 | 286 | 1 | .01 | 1 | 102.0 | 1 | 50 |
| 34413 | .1 | .85 | 22 | 126 | .1 | 1 | 3.63 | .1 | 7 | 10 | 151 | 2.58 | 1 | .21 | 15 | .56 | 1349 | 7 | .03 | 9 | 910 | 23 | 5 | 2 | 261 | 1 | .01 | 1 | 100.9 | 1 | 73 |
| 34414 | .1 | .84 | 27 | 130 | .1 | 1 | 3.18 | .1 | 8 | 11 | 134 | 2.60 | 1 | .19 | 16 | .59 | 1356 | 8 | .03 | 9 | 920 | 20 | 11 | 2 | 197 | 1 | .01 | 1 | 93.2 | 1 | 78 |
| 34415 | .1 | .88 | 24 | 211 | .1 | 1 | 3.56 | .1 | 8 | 11 | 123 | 2.58 | 1 | .19 | 16 | .63 | 1435 | 7 | .03 | 10 | 880 | 18 | 17 | 2 | 219 | 1 | .01 | 1 | 90.6 | 1 | 76 |
| 34416 | .1 | .78 | 27 | 156 | .1 | 1 | 2.83 | .1 | 8 | 12 | 131 | 2.51 | 1 | .18 | 16 | .55 | 1251 | 8 | .04 | 9 | 890 | 21 | 5 | 2 | 166 | 1 | .01 | 1 | 86.0 | 1 | 74 |