

**1997 GEOCHEMICAL ASSESSMENT REPORT
ON THE
CALM 1, 2, 3, 7 & 10 MINERAL CLAIMS**

**CARIBOO MINING DIVISION
BRITISH COLUMBIA**

NTS: 93 A/12

**LATITUDE: 52° 35' NORTH
LONGITUDE: 121° 47' WEST**

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

REPORT BY: S.J. TENNANT, GEOLOGIST

DATE: OCTOBER 8, 1997

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

25,180

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SUMMARY

Big Valley Resources Inc. own the Calm 7 claim group consisting of Calm 1, 2, 3, 7 and 10 claims. These claims totalling 94 claim units are located 57 kilometres northeast of Williams Lake in the Cariboo Mining Division.

A 35 kilometre grid was established on the Calm 2 mineral claim. Grid lines are 100 metres apart and stations flagged every 50 metres. A total of 618 soil samples were collected on 50 metre centres. An additional 249 soil samples were collected on 25 metre centres on a number of fill-in lines established in the NE portion of the original grid.

Results of the geochemical sampling indicate a background value of 35 ppm for copper. Values greater than 200 ppm copper were one sample highs. Largest anomaly located in the SE corner of the grid borders on swampy ground. Mercury values to 1,040 ppb are very erratic, mainly one sample highs.

INTRODUCTION

i. Location, Access and Physiography

The Calm 7 group of 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° 47' west in the Cariboo Mining Division.

The property is readily accessible from Williams Lake via 76 kilometres of paved highway on the Likely road. The paved highway passes through the centre of the Calm 2 mineral claim. Morehead Lake is located just east of the Calm 3 claim. A network of old logging roads provide good access to various parts 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 1,006 metres (3,300 feet) to 1,220 metres (4,000 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 five mineral claims (94 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	Record Date
CALM 1	20	348154	July 14, 1997
CALM 2	20	348155	July 15, 1997
CALM 3	18	351826	Oct 5, 1997
CALM 7	18	355458	April 24, 1998
CALM 10	18	355461	April 28, 1998

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 the present time, the area has been the target of various exploration programs looking for porphyry copper-gold mineralization.

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.



LOCATION MAP

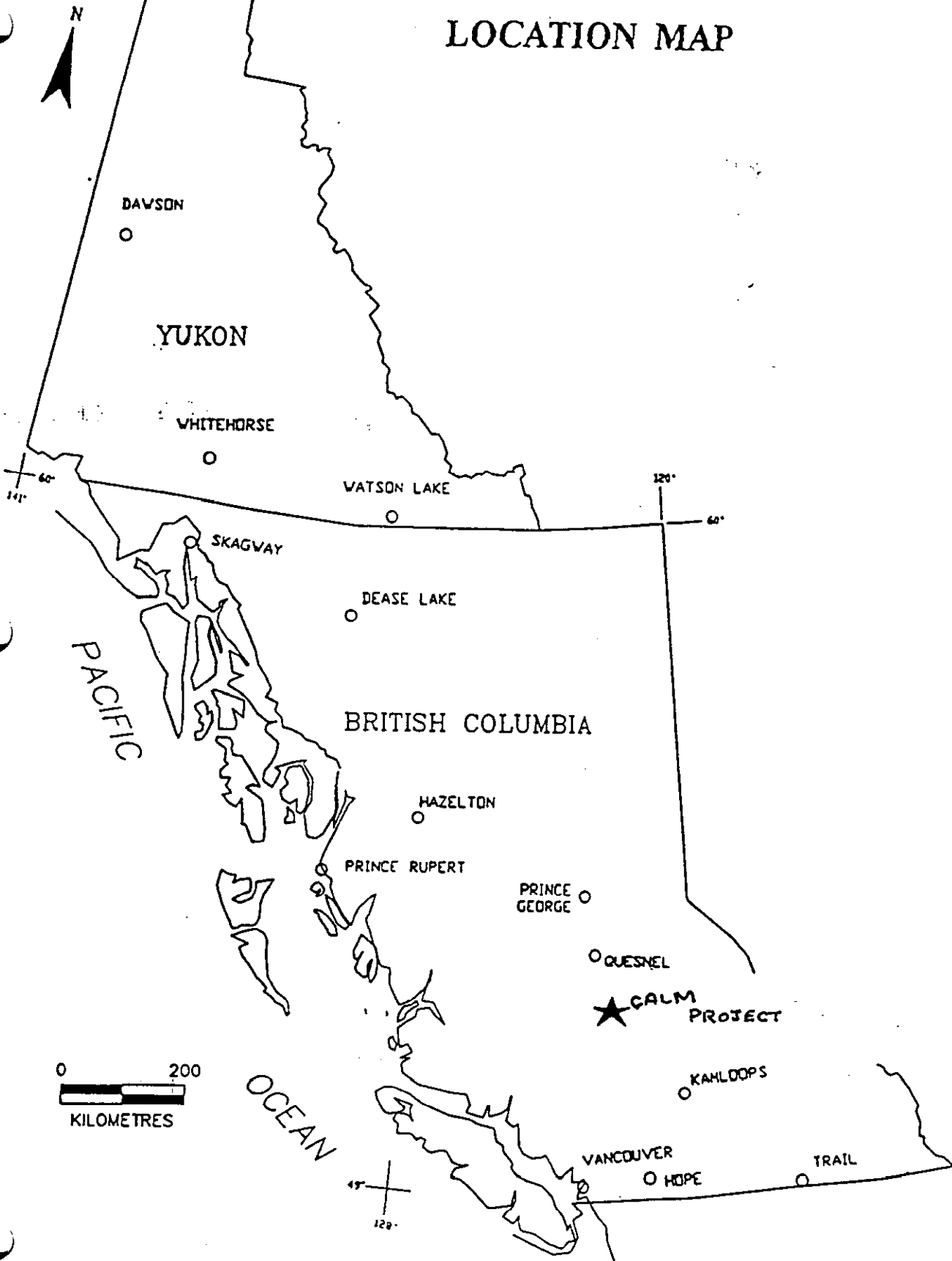


Figure 1.

NTS. 93A/12

QUESNEL

TREE • 9
340931
56X38

CALM 5

351945

56X68 (18)

207911

CALM 4

351827

56X36

207952

207951

CALM 7

CALM 10

18

MT 6

319834

56X18

MT 5

319833

46X28

M.T.

31983

56X38

CALM 9

(18)

CALM 3

351826

66X36

MINERAL
RESERVE
O/C 841
80 MAR 20
NO STAKING

PM 13

207244

•10891•

56X28

210914

MT

319

56X

232152

CALM 2

348155

56X18

207910

CALM 1

348154

56X18

207939

CALM 1

348154

56X18

207939

CB 1

204470

•3401•

46X38

LLC

330

56X

CB 5

204472

•3403•

16X38

BV 4

320188

56X18

(214561)

26

BV 4

320188

56X18

207939

BV 9

Aug 31 '99

BV R

320980

56X18

102354

BV 8

PREMIER 5

Big Valley Resources Inc.
Calm 7 Claim Group
Claim Map
Scale 1:50,000 Figure 2

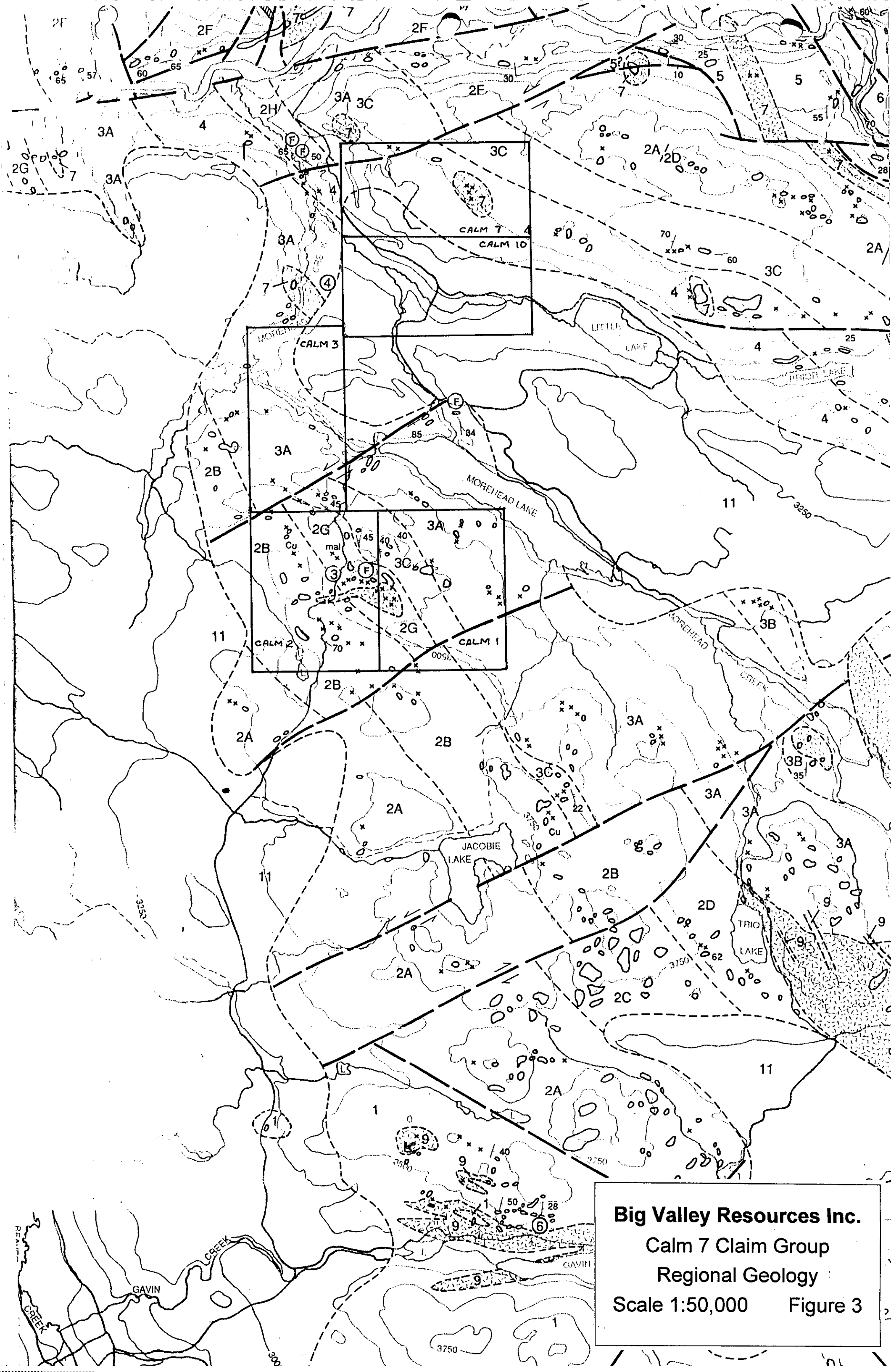
Jacobia Lake

Lake

Lake

Lake

Lake





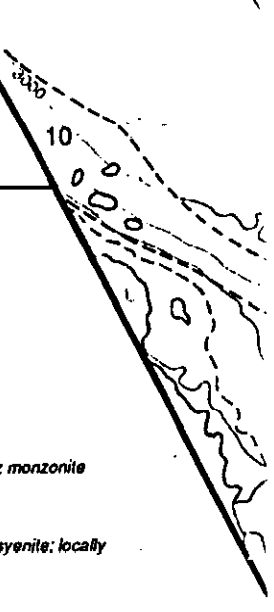
Big Valley Resources Inc.
 Calm 7 Claim Group
 Regional Geology
 Scale 1:50,000 Figure 3

LEGEND

SEDIMENTARY AND VOLCANIC ROCKS

INTRUSIVE ROCKS

TERTIARY	PLEISTOCENE	11	Glacial, fluvioglacial and fluvial gravel and sand		
	MIOCENE	10	Green, grey and maroon plateau basalt (alkali olivine basalt)		
CRETACEOUS				 <p>9 Grey hornblende granodiorite and quartz monzonite</p>  <p>8 Fine- to coarse-grained grey nepheline syenite; locally orbicular</p>	
	PLIENSCHACHIAN	6	Cobble conglomerate: clasts of chert, limestone, sandstone; carbonaceous shale and sandstone		
CLASSIC		5	Well bedded dark grey siltstone and sandstone		
	SINEMURIAN	4	Maroon, vesicular alkali olivine basalt, commonly analcite-rich		
		3C	Feldspathic tuffaceous siltstone and sandstone: minor breccia		
		3B	Latic crystal tuff, tuff breccia and tuffaceous sandstone: minor latite flow breccia		
		3A	Maroon and grey polyolithic breccia: clasts of mafic and intermediate compositions in chloritic and feldspathic matrix		
		2H	Coarse-grained greenish grey and brown sandstone, grey medium-grained sandstone and dark grey siltstone and argillite		
	TRIASSIC	NORIAN	2G	Massive grey limestone and calcareous sandstone	
			2F	Interbedded dark grey mafic sandstone and siltstone	
			2E	Analcite-bearing maroon and greenish grey alkali basalt; feldspathic in places	
			2D	Hornblende-bearing pyroxene basalt	
2C			Polyolithic, grey and maroon mafic breccia; minor feldspathic clasts		
2B			Maroon, pyroxene-phyric alkali basalt		
2A			Green and grey pyroxene-phyric alkali olivine basalt and alkali basalt		
			1	Dark grey siltstone, brown and grey sandstone; unit becomes volcanoclastic towards top. Minor conglomerate and dark grey limestone	



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.

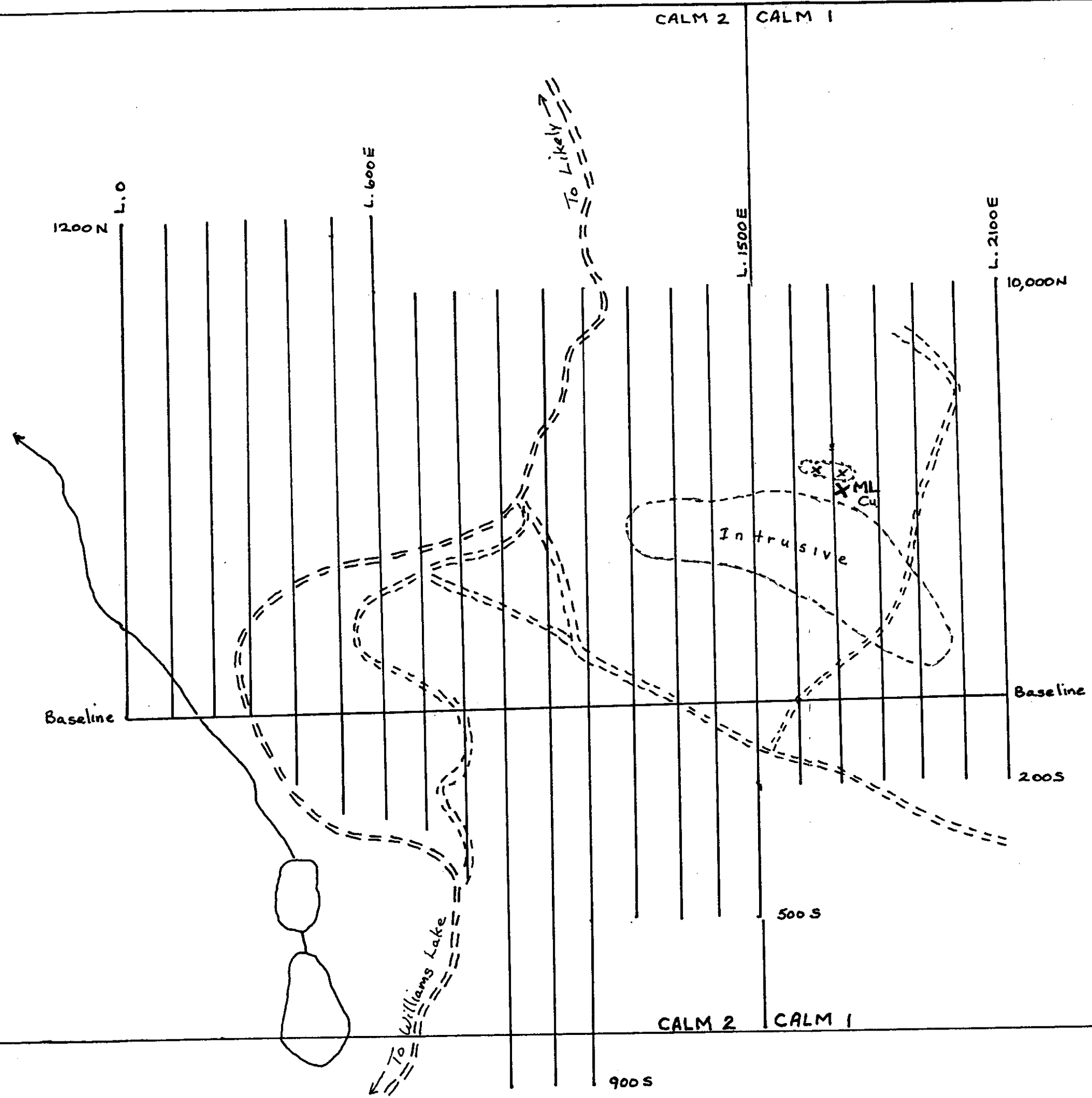
Locally within the Trough, intrusive rocks in part coeval to the volcanics occur on cross cutting structures. The Mount Polley intrusions, representing one such centre, are of interest for their potential of hosting porphyry copper/gold mineralization. The QR gold deposit is associated with a pyrite-epidote 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 area of the Calm 2 claim is underlain by mafic to felsic volcanics and sedimentary rocks of Upper Triassic to Lower Jurassic age. These rocks have been intruded by an alkalic stock of diorite to syenite composition, which is about 1.5 km by 1 km in size. The ML copper showings are located at the boundary between basalt breccia, sandstone and limestone, and Lower Jurassic polyolithological felsic breccia. Mineralization consists of chalcocite with maroon sandstone near the top of the Upper Triassic assemblage and as chalcopyrite and chalcocite within the limestone which marks the Triassic-Jurassic boundary. Sporadic occurrences of copper mineralization occur over an area approximately 1 km square.

Two magnetic high anomalies are located close to the intrusive body. One is located on the Calm 3 claim near its southern boundary immediately west of the Likely Highway. The other lies in the central part of the Calm 2 claim immediately west of the Likely highway.



Big Valley Resources Inc.
 Calm 7 Claim Group
 Geochemical Grid
 Scale: 1:10,000 Figure 4

GEOCHEMICAL PROGRAM

During May 15 to July 12, a north-south oriented grid was established on the Calm 2 mineral claim. A total of 32 kilometres of grid line was blazed and flagged. Lines 100 metres apart were chained and 50 metre sampling stations numbered. A total of 618 soil samples were collected at 50 metre intervals. Later six 500 metre long fill-in lines were established in the north-eastern part of the grid and an additional 249 samples were collected on 25 metre spacings.

Soil samples were collected from the B-horizon at a depth of 20 – 25 centimetres. Colour of the soil varied from orange-brown to brown. Soil samples were collected and stored in Kraft paper packets and labelled according to the grid co-ordinates. All samples were dried at ambient temperatures, then shipped to Eco-Tech Labs in Kamloops and Min-En Labs in Vancouver for analysis. Min-En Labs analyzed 188 samples and Eco-Tech analyzed 679 samples. A 28 element ICP analysis was obtained for all samples and 430 samples were analysed for Hg.

All copper and mercury values are plotted on grid maps located in Appendix I of this report.

Results of the geochemical sampling indicate a background value of 35 ppm copper. Eleven of the samples assayed greater than 200 ppm copper, however, they were all one sample highs. The largest anomaly, located in the SE corner of the grid, borders on swampy ground and additional sampling was not feasible.

Mercury values to 1,040 ppb are erratic and show as one sample highs. Overburden cover could be masking the geochemistry as it is highly variable in depth and generally very extensive.

CONCLUSIONS AND RECOMMENDATIONS

The Calm 7 group of claims are located in a geologically favourable area of the Quesnel Trough. The QR gold deposit is located just north of the claims and the Mt. Polley copper-gold deposit is located east of the claims. The exploration target is a porphyry copper-gold deposit with high magnetite content located in alkaline intrusives and/or altered rocks in the vicinity of the intrusions.

Geochemical soil sampling was carried out on the Calm 2 mineral claim. The grid was oriented north-south with 100 metre line spacing and 50 metre sample spacing. A total of 867 soil samples were collected.

Results of the soil sampling indicate a background value of 35 ppm for copper. Values greater than 200 ppm copper were one sample high.

Despite the general lack of well established anomalies, it is recommended that a series of test pits and short trenches be dug to bedrock in and around the intrusive on the Calm 2 claim. The ML copper showing along with a number of other copper showings indicate that the area has potential for hosting economic mineralization.

STATEMENT OF COSTS

Locating and surveying grid (9 km)	\$4,550
26 man days @ \$175/day	
(13 days J. Street – May 18 – June 2)	
(7 days K. Tattersall – May 25 – June 2)	
(6 days A. Tattersall – May 18 – May 24)	
Soil sampling	
30 man days @ \$175/day	5,250
(15 days T. Tattersall - June 15 – 30)	
(15 days G. Franks - June 15 – 30)	
Assaying 867 soil samples @ \$16.00/sample	13,872
Freight to Kamloops and Vancouver	200
Field supplies (flagging, geochem pkts., etc.)	300
28 man days room/board @ \$60/day	1,680
Truck rental 21 days @ \$60/day - 4 x 4 pick-up	1,260
5 Days report prep @ \$300/day	1,500
	<hr/>
	\$28,612.00

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

DATED at Vancouver, British Columbia, this 8 day of October, 1997.

REFERENCES

1. Bailey, David G. (1976): Geology of the Morehead Lake Area, Central British Columbia, BCMEMPR. Notes to Accompany Preliminary Map No 20.
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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.
5. Montgomery, A., Todoruk, S., Darney, R., 1991 Geological and Geochemical Assessment Report. No 21,584 BCMEMPR.

Appendix I
Geochemical Grid
Map
Cu & Hg

L. 0	L. 100E	L. 200E	L. 300E	L. 400E	L. 500E	L. 600E	L. 700E	L. 800E	L. 900E	L. 1000E	L. 1100E	L. 1200E	L. 1300E	L. 1400E	L. 1500E	L. 1600E	L. 1700E	L. 1800E	L. 1900E	L. 2000E	L. 2100E	
1200N	0.45	0.40	0.25	0.25	0.40	0.20	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	1200 N
1100N	0.40	0.15	0.20	0.5	0.10	0.45	0.15	0.45	0.10	0.45	0.15	0.45	0.15	0.45	0.15	0.45	0.15	0.45	0.15	0.45	0.15	1100 N
1000N	0.30	0.10	0.65	0.10	0.20	0.10	0.25	0.30	0.10	0.25	0.30	0.10	0.25	0.30	0.10	0.25	0.30	0.10	0.25	0.30	0.10	1000 N
900N	0.15	0.5	0.15	0.25	0.60	0.15	0.15	0.25	0.30	0.50	0.45	0.30	0.55	0.30	0.10	0.35	0.35	0.45	0.70	0.40	0.40	900 N
800N	0.30	0.10	0.35	0.5	0.30	0.5	0.30	0.10	0.35	0.90	0.35	0.35	0.195	0.80	0.50	0.35	0.30	0.25	0.30	0.20	0.20	800 N
700N	0.25	0.30	0.70	0.10	0.35	0.5	0.20	0.15	0.35	0.15	0.60	0.60	0.30	0.95	0.45	0.30	0.65	0.100	0.135	0.100	0.20	700 N
600N	0.15	0.30	0.75	0.15	0.25	0.15	0.80	0.15	0.30	0.45	0.50	0.40	0.60	0.110	0.110	0.90	0.280	0.20	0.40	0.15	0.15	600 N
500N	0.60	0.20	0.45	0.15	0.30	0.30	0.35	0.20	0.55	0.30	0.155	0.40	0.40	0.45	0.40	0.45	0.20	0.25	0.40	0.70	0.35	500 N
400N	0.30	0.10	0.20	0.25	0.20	0.35	0.30	0.15	0.45	0.20	0.65	0.30	0.70	0.80	0.45	0.20	0.25	0.40	0.70	0.35	0.35	400 N
300N	0.15	0.100	0.15	0.35	0.15	0.10	0.20	0.5	0.40	0.15	0.100	0.90	0.35	0.70	0.300	0.760	0.30	0.50	0.40	0.100	0.125	300 N
200N	0.5	0.25	0.10	0.20	0.10	0.25	0.40	0.15	0.30	0.20	0.20	0.75	0.35	0.65	0.60	0.55	0.20	0.20	0.65	0.40	0.20	200 N
100N	0.10	0.5	0.40	0.40	0.25	0.40	0.10	0.10	0.35	0.20	0.45	0.40	0.25	0.30	0.50	0.40	0.20	0.45	0.40	0.45	0.30	100 N
0 BL	0.25	0.5	0.70	0.10	0.20	0.45	0.10	0.15	0.45	0.120	0.40	0.40	0.35	0.50	0.30	0.80	0.25	0.35	0.35	0.50	0.60	0 N
1200S	0.25	0.5	0.25	0.55	0.35	0.10	0.25	0.65	0.185	0.90	0.20	0.45	0.25	0.45	0.60	0.75	0.60	0.50	0.45	0.50	0.30	1200 S
1100S	0.75	0.25	0.75	0.5	0.50	0.105	0.50	0.40	0.100	0.25	0.30	0.55	0.40	0.40	0.30	0.50	0.295	0.80	0.53	0.400	0.20	1100 S
1000S	0.50	0.30	0.45	0.145	0.25	0.70	0.65	0.30	0.130	0.50	0.90	0.75	0.30	0.25	0.30	0.25	0.40	0.55	0.50	0.50	0.40	1000 S
900S	0.55	0.40	0.15	0.160	0.40	0.20	0.20	0.35	0.65	0.20	0.15	0.60	0.20	0.80	0.85	0.40	0.15	0.50	0.40	0.30	0.95	900 S
800S	0.60	0.35	0.25	0.35	0.15	0.30	0.210	0.30	0.40	0.25	0.20	0.30	0.45	0.35	0.120	0.50	0.25	0.30	0.40	0.50	0.85	800 S
700S	0.75	0.75	0.85	0.30	0.15	0.15	0.15	0.60	0.85	0.25	0.20	0.20	0.80	0.35	0.75	0.90	0.25	0.30	0.35	0.30	0.25	700 S
600S	0.90	0.5	0.55	0.15	0.40	0.20	0.20	0.300	0.400	0.50	0.30	0.15	0.35	0.35	0.45	0.35	0.60	0.55	0.30	0.55	0.30	600 S
500S	0.70	0.20	0.45	0.45	0.20	0.25	0.25	0.20	0.30	0.35	0.20	0.35	0.20	0.50	0.40	0.200	0.45	0.20	0.25	0.35	0.35	500 S
400S	0.55	0.35	0.35	0.10	0.5	0.95	0.50	0.35	0.25	0.45	0.15	0.45	0.40	0.45	0.40	0.210	0.60	0.40	0.35	0.40	0.35	400 S
300S	0.75	0.40	0.40	0.300	0.1050	0.25	0.290	0.30	0.40	0.50	0.30	0.20	0.65	0.55	0.40	0.60	0.40	0.50	0.60	0.70	0.85	300 S
200S	0.40	0.20	0.65	0.80	0.35	0.20	0.30	0.20	0.55	0.30	0.20	0.55	0.30	0.45	0.70	0.520	0.55	0.140	0.115	0.100	0.100	200 S
100S	0.35	0.20	0.25	0.60	0.30	0.20	0.30	0.25	0.40	0.40	0.55	0.55	0.40	0.55	0.55	0.40	0.520	0.270	0.200	0.280	0.280	100 S
0 BL	0.15	0.20	0.30	0.45	0.25	0.30	0.20	0.20	0.70	0.45	0.35	0.85	0.80	0.110	0.195	0.145	0.80	0.110	0.195	0.145	0.145	0 BL
1200N	0.20	0.20	0.20	0.40	0.50	0.15	0.30	0.20	0.45	0.30	0.20	0.45	0.30	0.50	0.35	0.35	0.35	0.35	0.35	0.35	0.35	1200 N
1100N	0.40	0.40	0.20	0.20	0.35	0.65	0.20	0.15	0.60	0.20	0.80	0.20	0.80	0.85	0.40	0.15	0.50	0.40	0.30	0.95	0.45	1100 N
1000N	0.60	0.35	0.25	0.35	0.15	0.30	0.210	0.30	0.40	0.25	0.20	0.30	0.45	0.35	0.120	0.50	0.25	0.30	0.40	0.50	0.85	1000 N
900N	0.75	0.75	0.85	0.30	0.15	0.15	0.15	0.60	0.85	0.25	0.20	0.20	0.80	0.35	0.75	0.90	0.25	0.30	0.35	0.30	0.25	900 N
800N	0.90	0.5	0.55	0.15	0.40	0.20	0.20	0.300	0.400	0.50	0.30	0.15	0.35	0.35	0.45	0.35	0.60	0.55	0.30	0.55	0.30	800 N
700N	0.70	0.20	0.45	0.45	0.20	0.25	0.25	0.20	0.30	0.35	0.20	0.35	0.20	0.50	0.40	0.200	0.45	0.20	0.25	0.35	0.35	700 N
600N	0.55	0.35	0.35	0.10	0.5	0.95	0.50	0.35	0.25	0.45	0.15	0.45	0.40	0.45	0.40	0.210	0.60	0.40	0.35	0.40	0.35	600 N
500N	0.75	0.40	0.40	0.300	0.1050	0.25	0.290	0.30	0.40	0.50	0.30	0.20	0.65	0.55	0.40	0.60	0.40	0.50	0.60	0.70	0.85	500 N
400N	0.40	0.20	0.65	0.80	0.35	0.20	0.30	0.20	0.55	0.30	0.20	0.55	0.30	0.45	0.70	0.520	0.55	0.140	0.115	0.100	0.100	400 N
300N	0.35	0.20	0.25	0.60	0.30	0.20	0.30	0.25	0.40	0.40	0.55	0.55	0.40	0.55	0.55	0.40	0.520	0.270	0.200	0.280	0.280	300 N
200N	0.15	0.20	0.30	0.45	0.25	0.30	0.20	0.20	0.70	0.45	0.35	0.85	0.80	0.110	0.195	0.145	0.80	0.110	0.195	0.145	0.145	200 N
100N	0.20	0.20	0.20	0.40	0.50	0.15	0.30	0.20	0.45	0.30	0.20	0.45	0.30	0.50	0.35	0.35	0.35	0.35	0.35	0.35	0.35	100 N
0 BL	0.40	0.40	0.20	0.20	0.35	0.65	0.20	0.15	0.60	0.20	0.80	0.20	0.80	0.85	0.40	0.15	0.50	0.40	0.30	0.95	0.45	0 BL
1200S	0.60	0.35	0.25	0.35	0.15	0.30	0.210	0.30	0.40	0.25	0.20	0.30	0.45	0.35	0.120	0.50	0.25	0.30	0.40	0.50	0.85	1200 S
1100S	0.75	0.75	0.85	0.30	0.15	0.15	0.15	0.60	0.85	0.25	0.20	0.20	0.80	0.35	0.75	0.90	0.25	0.30	0.35	0.30	0.25	1100 S
1000S	0.90	0.5	0.55	0.15	0.40	0.20	0.20	0.300	0.400	0.50	0.30	0.15	0.35	0.35	0.45	0.35	0.60	0.55	0.30	0.55	0.30	1000 S
900S	0.70	0.20	0.45	0.45	0.20	0.25	0.25	0.20	0.30	0.35	0.20	0.35	0.20	0.50	0.40	0.200	0.45	0.20	0.25	0.35	0.35	900 S
800S	0.55	0.35	0.35	0.10	0.5	0.95	0.50	0.35	0.25	0.45	0.15	0.45	0.40	0.45	0.40	0.210	0.60	0.40	0.35	0.40	0.35	800 S
700S	0.75	0.40	0.40	0.300	0.1050	0.25	0.290	0.30	0.40	0.50	0.30	0.20	0.65	0.55	0.40	0.60	0.40	0.50	0.60	0.70	0.85	700 S
600S	0.40	0.20	0.65	0.80	0.35	0.20	0.30	0.20	0.55	0.30	0.20	0.55	0.30	0.45	0.70	0.520	0.55	0.140	0.115	0.100	0.100	600 S
500S	0.35	0.20	0.25	0.60	0.30	0.20	0.30	0.25	0.40	0.40	0.55	0.55	0.40	0.55	0.55	0.40	0.520	0.270	0.200	0.280	0.280	500 S
400S	0.15	0.20	0.30	0.45	0.25	0.30	0.20	0.20	0.70	0.45	0.35	0.85	0.80	0.110	0.195	0.145	0.80	0.110	0.195	0.145	0.145	400 S
300S	0.20	0.20	0.20	0.40	0.50	0.15	0.30	0.20	0.45	0.30	0.20	0.45	0.30	0.50	0.35	0.35	0.35	0.35	0.35	0.35	0.35	300 S
200S	0.40	0.40	0.20	0.30	0.50	0.35	0.20	0.30	0.50	0.20	0.30	0.50	0.20	0.70	0.70	0.95	0.90	0.95	0.90	0.90	0.90	200 S
100S	0.30	0.30	0.20	0.30	0.50	0.65	0.25	0.80	0.30													

Appendix II
Assay Sheets

Morehead South Grid

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL: (604)327-3436 FAX: (604)327-3423

FILE NO: 7V-0508-SJ1+2

DATE: 97/06/19

* * (ACT: ICP 31)

COMP: BIG VALLEY RESOURCES

PROJ:

ATTN: Lloyd Tattersall

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 % PPM	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI % PPM	U PPM	V PPM	W PPM	ZN PPM	Hg PPM
BL 0+000E	.1	1.42	8	82	.1	1	.42	.1	10	35	31	2.79	4	.06	11	.69	312	1	.01	15	1330	10	1	1	30	10	.06	3	68.1	1	57	75
L0+50N	.1	1.11	5	65	.1	1	.45	.1	8	35	27	2.60	3	.06	10	.57	279	1	.02	14	1020	5	1	1	40	9	.07	3	64.1	1	38	55
L0+100N	.1	1.16	6	70	.1	1	.52	.1	9	33	30	2.33	3	.06	10	.76	260	1	.02	16	1230	6	1	1	43	8	.07	3	64.6	1	37	70
L0+150N	.1	1.18	8	71	.1	1	.51	.1	10	39	35	3.14	4	.05	10	.67	313	1	.02	15	1230	10	1	1	43	11	.08	4	87.6	1	42	90
L0+200N	.1	.99	8	71	.1	1	.55	.3	10	33	36	2.72	4	.04	8	.56	372	1	.02	24	890	7	1	1	53	10	.06	3	54.6	1	49	100
L0+250N	.1	1.34	9	96	.1	1	.47	.1	11	44	39	3.50	5	.06	9	.60	304	1	.02	19	1280	8	1	1	40	13	.08	4	93.5	1	57	60
L0+300N	.1	1.14	7	71	.1	1	.47	.1	9	37	37	3.30	4	.04	9	.56	269	1	.02	15	980	10	1	1	41	12	.07	4	92.6	1	33	55
L0+350N	.1	1.24	10	74	.1	1	.63	.1	10	35	33	2.88	4	.08	10	.69	388	1	.02	14	1450	6	2	1	53	10	.09	3	85.2	1	35	50
L0+400N	.1	1.70	7	105	.1	1	.67	.1	13	47	59	3.47	4	.09	12	.82	635	1	.02	20	970	8	1	1	66	12	.09	4	94.0	1	45	75
L0+450N	.1	1.18	8	59	.1	1	.57	.1	15	37	31	2.99	3	.07	11	.85	530	1	.02	15	1050	6	1	1	47	10	.08	3	82.1	1	40	25
L0+500N	.1	.86	5	56	.1	1	.54	.1	8	29	19	2.25	3	.05	7	.56	331	1	.02	10	1080	6	1	1	43	8	.07	3	62.0	1	28	5
L0+550N	.1	1.51	9	100	.1	1	.57	.1	10	48	39	3.05	4	.07	10	.79	312	1	.02	19	660	5	1	1	46	10	.07	4	75.3	1	51	25
L0+600N	.1	.86	7	49	.1	1	.50	.1	7	33	23	2.72	3	.05	7	.51	280	1	.02	12	1050	3	1	1	40	9	.07	3	77.4	1	27	10
L0+650N	.1	.96	7	56	.1	1	.41	.1	9	43	32	3.47	4	.05	8	.55	245	1	.01	14	770	6	1	1	33	12	.07	4	98.3	1	33	5
L0+700N	.1	1.48	13	83	.1	1	.63	.1	10	42	54	3.31	4	.07	9	.74	397	1	.02	17	1160	6	1	1	50	12	.09	4	95.0	1	37	15
L0+750N	.1	1.35	9	80	.1	1	.53	.1	12	51	54	3.98	5	.06	9	.74	336	1	.02	20	1070	7	1	1	41	14	.09	5	114.4	1	36	30
L0+800N	.1	1.25	13	73	.1	1	.62	.1	13	51	46	3.72	4	.08	9	.82	437	1	.02	18	1100	8	1	1	47	13	.10	4	113.9	1	37	60
L0+850N	.1	.91	10	55	.1	1	.42	.1	9	47	34	3.38	4	.05	8	.58	268	1	.02	15	800	5	1	1	36	12	.08	4	94.5	1	36	15
L0+900N	.1	1.09	12	60	.1	1	.55	.1	11	52	54	3.57	4	.06	9	.82	422	1	.02	19	1130	6	1	1	46	12	.08	4	101.9	1	36	25
L0+950N	.1	1.19	11	62	.1	1	.49	.1	13	56	36	3.59	4	.05	11	1.02	388	1	.02	21	1100	6	1	1	41	12	.09	4	98.8	1	42	30
L0+1000N	.1	1.16	7	54	.1	1	.43	.1	10	37	32	3.18	4	.05	8	.60	266	1	.01	15	870	6	1	1	38	11	.07	4	87.4	1	33	15
L0+1050N	.1	1.60	8	47	.1	1	.52	.1	19	47	55	5.41	7	.10	15	1.76	499	1	.01	14	1370	11	1	1	55	17	.09	7	132.8	1	61	20
L0+1100N	.1	1.32	9	69	.1	1	.53	.1	13	42	53	3.81	5	.07	10	.91	415	1	.02	14	1350	7	1	1	40	12	.08	4	99.0	1	47	30
L0+1150N	.1	1.27	8	71	.1	1	.40	.1	10	47	46	3.54	4	.07	9	.65	274	1	.01	18	820	7	1	1	31	12	.07	4	93.2	1	36	40
L0+1200N	.1	1.15	8	76	.1	1	.60	.1	11	43	45	3.61	4	.08	8	.75	477	1	.02	17	1310	9	1	1	44	12	.07	4	96.9	1	41	45
BL 150E+L100+00N	.1	1.18	4	65	.1	1	.48	.1	9	37	25	2.38	4	.05	12	.83	305	1	.01	15	1020	6	1	1	40	6	.08	3	56.6	1	42	40
L100+50N	.1	.98	4	85	.1	1	.51	.1	9	35	31	3.32	4	.05	7	.53	270	1	.01	14	1400	7	1	1	40	10	.06	4	86.5	1	43	35
L100+100N	.1	.99	3	69	.1	1	.42	.1	8	37	37	3.03	4	.04	10	.54	303	1	.01	12	500	7	1	1	32	9	.08	3	82.5	1	44	20
L100+150N	.1	.60	2	48	.1	1	.30	.1	5	23	5	2.51	3	.04	4	.22	314	1	.01	5	420	8	1	1	29	7	.10	3	71.1	1	27	5
L100+200N	.1	1.38	8	98	.1	1	.63	.1	12	45	46	4.03	5	.07	9	.73	451	1	.02	17	1150	9	1	1	53	13	.11	5	117.0	1	38	75
L100+250N	.1	1.08	7	70	.1	1	.59	.1	9	38	32	3.39	4	.05	9	.60	350	1	.02	14	1060	7	1	1	51	11	.10	4	100.6	1	36	35
L100+300N	.1	1.60	6	92	.1	1	.43	.1	11	44	30	3.43	5	.05	12	.63	283	1	.01	19	1250	6	2	1	35	10	.08	4	85.4	1	42	40
L100+350N	.1	1.04	5	58	.1	1	.49	.1	8	32	27	2.72	4	.04	9	.58	257	1	.02	12	920	5	1	1	39	8	.07	3	80.7	1	29	30
L100+400N	.1	.99	6	65	.1	1	.54	.1	10	35	26	3.07	4	.04	8	.54	346	1	.01	13	1180	8	1	1	42	9	.07	4	88.3	1	30	25
L100+450N	.1	.91	3	48	.1	1	.47	.1	6	30	23	2.27	3	.04	7	.49	212	1	.01	11	950	4	1	1	35	5	.07	3	63.2	1	28	5
L100+500N	.1	.92	5	50	.1	1	.47	.1	8	36	25	3.02	4	.04	8	.51	261	1	.01	12	980	6	1	1	35	9	.07	3	85.5	1	30	10
L100+550N	.1	.96	2	50	.1	1	.44	.2	12	39	25	3.51	4	.05	6	.88	330	1	.01	22	620	6	1	1	33	10	.08	4	96.8	1	30	5
L100+600N	.1	.96	6	60	.1	1	.44	.1	11	48	35	3.59	4	.05	8	.59	263	1	.01	17	760	6	1	1	35	11	.08	4	98.4	1	34	5
L100+650N	.1	1.21	6	49	.1	1	.55	.1	12	54	75	3.62	4	.05	11	.73	492	1	.02	17	570	9	1	1	44	10	.10	4	102.1	1	42	25
L100+700N	.1	4.65	21	237	.9	1	.94	.1	25	118	191	5.72	7	.18	15	1.63	2010	1	.02	64	1170	15	2	1	55	19	.09	7	155.9	1	105	100
L100+750N	.1	1.56	4	47	.1	1	.47	.1	13	52	62	3.55	5	.05	13	.89	339	1	.06	23	930	8	1	1	34	10	.10	4	99.4	1	49	10
L100+800N	.1	1.22	11	53	.1	1	.36	.1	11	51	29	3.49	4	.04	8	.77	266	1	.01	19	880	7	1	1	30	10	.06	4	91.4	1	36	20
L100+850N	.1	1.10	6	62	.1	1	.52	.1	9	38	31	2.73	4	.06	9	.77	307	1														

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: 7V-0508-SJ3+4

DATE: 97/06/19

* * (ACT:ICP 31)

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	Hg PPB
L100+1150N	.1	1.51	7	89	.1	1	.52	.1	13	51	45	4.15	5	.07	11	.88	342	1	.02	20	930	6	1	1	43	14	.13	5	122.7	1	48	15
L100+1200N	.1	1.04	3	47	.1	1	.59	.1	10	40	34	3.65	4	.06	9	.63	321	1	.02	12	960	6	2	1	49	12	.11	4	107.4	1	36	40
L200+00N	.1	1.15	3	84	.1	1	.51	.1	10	39	36	3.50	4	.06	8	.68	290	1	.02	15	1080	6	1	1	44	11	.09	4	95.2	1	37	40
L200+50N	.1	.99	1	83	.1	1	.38	.1	8	36	22	3.11	4	.04	7	.48	225	1	.01	14	690	5	1	1	32	10	.08	4	85.6	1	32	35
L200+100N	.1	1.16	4	85	.1	1	.45	.1	9	34	33	3.25	4	.05	9	.56	255	1	.02	15	940	4	1	1	36	10	.09	4	93.6	1	33	45
L200+150N	.1	1.03	7	65	.1	1	.62	.1	10	35	31	3.25	4	.07	8	.63	382	1	.02	13	1330	7	1	1	55	10	.08	4	91.1	1	33	55
L200+200N	.1	1.38	5	96	.1	1	.65	.1	14	42	46	3.39	4	.09	9	.68	721	1	.02	18	1080	6	1	1	51	11	.09	4	95.3	1	43	85
L200+250N	.1	.90	1	52	.1	1	.47	.1	7	33	23	2.95	3	.05	7	.48	247	1	.01	12	850	2	1	1	37	9	.08	3	83.8	1	27	25
L200+300N	.1	.92	5	53	.1	1	.47	.1	9	35	24	3.07	3	.05	6	.46	270	1	.01	12	740	7	1	1	39	10	.08	4	90.0	1	27	15
L200+350N	.1	1.34	10	94	.1	1	.58	.1	11	40	45	3.19	4	.07	9	.69	461	1	.02	18	1060	7	1	1	48	10	.07	4	85.1	1	40	45
L200+400N	.1	3.91	15	290	.1	1	1.14	.1	21	87	123	5.16	7	.19	21	1.44	984	1	.03	41	980	10	1	1	90	16	.09	6	101.9	1	94	75
L200+450N	.1	1.01	3	53	.1	1	.46	.1	10	41	23	3.00	3	.05	9	.54	324	1	.02	13	670	3	1	1	37	10	.09	4	87.2	1	39	25
L200+500N	.1	1.09	7	62	.1	1	.57	.1	10	40	33	3.42	4	.06	8	.58	332	1	.02	14	950	5	1	1	45	11	.10	4	101.1	1	33	40
L200+550N	.1	.82	1	47	.1	1	.38	.1	6	34	20	2.56	3	.04	8	.43	208	1	.01	11	540	3	1	1	31	8	.08	3	73.8	1	32	70
L200+600N	.1	.89	5	59	.1	1	.59	.1	9	38	26	2.76	3	.05	7	.61	337	1	.02	13	1230	4	1	1	43	9	.07	3	79.5	1	29	40
L200+650N	.1	.94	2	43	.1	1	.38	.1	9	44	32	3.29	4	.05	8	.64	225	1	.01	16	590	2	1	1	34	11	.08	4	88.1	1	33	10
L200+700N	.1	1.02	4	62	.1	1	.33	.1	8	38	34	2.82	4	.04	9	.41	193	1	.01	13	630	3	1	1	27	9	.06	3	73.4	1	40	15
L200+750N	.1	1.39	7	50	.1	1	.48	.1	11	59	52	3.66	4	.04	10	.78	247	1	.01	19	1340	5	1	1	40	12	.07	4	99.1	1	33	20
L200+800N	.1	1.53	11	76	.1	1	.51	.1	12	54	45	3.44	4	.05	11	.83	314	1	.01	21	1380	8	1	1	43	12	.08	4	93.3	1	39	45
L200+850N	.1	1.12	9	64	.1	1	.62	.1	11	41	41	3.43	4	.06	8	.72	460	1	.02	14	1050	7	1	1	53	10	.09	4	103.5	1	32	75
L200+900N	.1	1.20	5	60	.1	1	.47	.1	9	45	32	2.88	4	.06	11	.71	269	1	.02	19	680	6	1	1	42	9	.09	3	79.9	1	35	70
L200+950N	.1	1.25	7	58	.1	1	.44	.1	11	43	29	3.59	4	.06	10	.76	262	1	.01	16	1160	6	1	1	38	11	.08	4	96.6	1	38	35
L200+1000N	.1	1.70	11	56	.1	1	.53	.1	14	53	44	4.71	6	.07	12	.96	320	1	.01	17	1640	6	1	1	45	15	.10	6	136.0	1	56	15
L200+1050N	.1	4.38	11	220	.6	1	1.26	.1	32	75	245	5.46	8	1.23	29	4.74	984	1	.20	85	2480	16	1	1	126	13	.07	7	101.0	1	66	65
L200+1100N	.1	1.43	5	71	.1	1	.48	.1	12	38	39	3.67	4	.05	10	.87	336	1	.01	14	1290	8	1	1	39	11	.10	4	101.5	1	39	15
L200+1150N	.1	1.82	15	82	.1	1	.62	.1	23	58	41	4.01	5	.06	15	1.88	761	1	.01	23	1910	13	1	1	54	11	.06	5	116.4	1	69	20
L200+1200N	.1	1.19	11	67	.1	1	.57	.1	14	49	45	4.07	4	.11	10	1.00	490	1	.02	20	1190	9	1	1	45	13	.07	5	113.2	1	41	25
L300+00N	.1	1.58	15	74	.1	1	5.16	6.7	47	143	268	5.36	5	.08	16	1.94	1660	20	.07	38	1470	17	2	1	78	15	.06	7	151.9	1	48	1040
L300+50N	.1	1.48	4	78	.1	1	.43	.1	13	43	41	3.45	5	.07	14	.89	431	1	.01	14	1160	6	1	1	32	9	.08	4	93.0	1	54	10
L300+100N	.1	1.76	8	120	.1	1	.83	.1	14	50	18	3.98	5	.08	10	.97	876	1	.02	13	1390	10	1	1	85	12	.07	5	80.4	1	34	45
L300+150N	.1	1.07	8	64	.1	1	.45	.1	9	33	25	2.88	4	.04	8	.49	280	1	.01	11	1080	6	1	1	36	9	.07	3	84.2	1	32	15
L300+200N	.1	1.04	6	76	.1	1	.40	.1	9	35	23	3.14	4	.04	8	.52	269	1	.01	13	890	5	1	1	32	10	.07	4	86.6	1	33	30
L300+250N	.1	.82	4	50	.1	1	.43	.1	8	33	21	2.81	3	.05	8	.47	263	1	.02	12	850	4	1	1	34	8	.07	3	81.7	1	26	35
L300+300N	.1	1.55	12	122	.1	1	2.03	.1	14	35	76	3.41	4	.09	12	1.03	652	1	.05	20	1150	5	1	1	110	10	.08	4	90.3	1	47	160
L300+350N	1.1	4.56	49	827	.4	1	1.22	.1	52	101	113	9.33	1	.19	22	1.51	7486	1	.04	46	2280	22	5	1	129	31	.06	12	149.6	1	132	145
L300+400N	.1	.98	8	81	.1	1	.45	.1	9	37	22	3.15	4	.05	8	.56	274	1	.02	13	560	5	1	1	33	9	.08	4	83.7	1	33	5
L300+450N	.1	1.66	14	157	.1	1	.88	.1	16	45	81	3.66	4	.09	12	1.24	746	1	.03	23	1490	7	1	1	69	12	.08	4	104.6	1	48	55
L300+500N	.1	.92	3	56	.1	1	.36	.1	9	38	19	2.84	4	.04	9	.47	282	1	.01	12	590	6	1	1	29	8	.08	3	80.6	1	39	15
L300+550N	.1	1.25	8	101	.1	1	.40	.1	11	45	35	3.36	4	.05	9	.60	265	1	.01	18	1200	6	1	1	31	10	.08	4	91.3	1	41	10
L300+600N	.1	2.10	6	84	.1	1	.52	.1	27	80	31	4.91	8	.02	21	3.31	683	1	.01	49	1290	11	1	1	36	10	.16	6	110.4	1	76	40
L300+650N	.1	1.03	7	66	.1	1	.37	.1	9	46	30	3.23	4	.04	10	.59	295	1	.01	15	600	6	1	1	31	10	.07	4	85.3	1	43	20
L300+700N	.1	1.50	6	83	.1	1	.48	.1	14	62	25	4.01	5	.05	15	1.37	799	1	.01	20	970	9	1	1	33	11	.13	5	118.3	1	55	35
L300+750N	.1	1.13	5	60	.1	1	.36	.1	9																							

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: 7V-0508-SJ5+6
 DATE: 97/06/19
 * * (ACT:ICP 31)

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	Hg PPM
L300+1050N	.1	2.31	8	100	.1	1	.48	.1	18	53	70	3.35	5	.08	17	1.43	590	1	.02	22	1180	4	2	1	47	9	.09	4	99.5	1	55	10
L300+1100N	.1	3.14	15	186	.1	1	.62	.1	19	50	70	4.05	6	.08	21	1.06	981	1	.03	23	2550	9	2	1	60	12	.09	5	103.0	1	95	20
L300+1150N	.1	1.24	10	83	.1	1	.54	.1	11	41	58	3.79	5	.06	9	.64	317	1	.01	16	960	8	1	1	38	13	.09	5	105.5	1	44	5
L300+1200N	.1	2.37	32	247	.3	1	1.06	.1	22	85	44	5.11	6	.11	12	.88	940	1	.02	34	2370	14	3	1	65	17	.04	6	118.1	1	107	25
B.L.400E	.1	1.35	7	96	.1	1	.32	.1	10	35	19	3.26	4	.04	10	.32	314	1	.01	11	1660	7	1	1	29	11	.08	4	87.8	1	58	5
L400+50N	.1	1.25	7	59	.1	1	.39	.1	10	37	29	3.40	4	.04	9	.57	282	1	.01	14	1100	5	2	1	32	10	.08	4	91.6	1	41	5
L400+100N	.1	1.92	9	121	.1	1	.76	.1	13	50	74	3.50	5	.08	15	.90	505	1	.02	23	980	5	4	1	75	10	.08	4	89.1	1	56	20
L400+150N	.1	1.66	13	108	.1	1	.69	.1	15	49	46	3.48	5	.07	11	1.01	454	1	.02	19	1420	8	2	1	65	11	.08	4	96.8	1	38	40
L400+200N	.1	.83	7	49	.1	1	.38	.1	6	28	17	2.31	3	.04	8	.45	202	1	.01	10	810	3	2	1	30	7	.06	3	65.1	1	30	15
L400+250N	.1	1.21	8	81	.1	1	.28	.1	9	35	15	2.97	4	.04	7	.42	191	1	.01	18	830	3	2	1	22	9	.06	4	78.3	1	36	15
L400+300N	.1	1.31	9	82	.1	1	.55	.1	10	45	43	3.42	4	.07	8	.69	407	1	.02	18	1140	6	2	1	45	11	.08	4	96.6	1	35	40
L400+400N	.1	1.50	13	107	.1	1	.84	.1	15	45	73	3.61	4	.08	11	1.04	706	1	.05	23	1360	5	1	1	75	11	.07	4	98.1	1	45	50
L400+450N	.1	1.25	28	197	.6	1	4.29	.1	29	133	95	4.81	4	.08	7	1.92	1055	1	.06	61	2450	10	4	1	178	14	.03	6	133.1	1	53	35
L400+500N	.1	1.28	8	82	.1	1	.41	.1	11	46	77	3.44	4	.05	8	.61	244	1	.01	20	960	5	1	1	32	12	.08	4	93.3	1	46	20
L400+550N	.1	.75	8	63	.1	1	.28	.1	6	31	9	2.70	4	.03	6	.31	153	1	.01	7	810	5	1	1	26	9	.08	3	76.0	1	36	20
L400+600N	.1	.66	4	56	.1	1	.27	.1	7	29	5	2.56	3	.03	7	.29	302	1	.01	7	590	5	2	1	25	8	.07	3	72.4	1	38	25
L400+650N	.1	1.16	6	80	.1	1	.48	.1	11	42	29	3.13	4	.05	12	.63	260	1	.01	16	710	5	3	1	73	9	.08	4	86.6	1	34	10
L400+700N	.1	1.31	2	50	.1	1	.48	.1	11	54	39	2.91	4	.04	11	.91	285	1	.01	19	500	1	2	1	30	8	.10	3	79.1	1	51	15
L400+750N	.1	1.44	9	66	.1	1	.33	.1	11	42	32	3.31	5	.05	11	.72	275	1	.01	17	810	4	2	1	28	10	.07	4	87.1	1	47	20
L400+800N	.1	1.53	6	91	.1	1	.30	.1	9	40	24	3.17	4	.05	12	.57	237	1	.01	19	2050	3	1	1	25	10	.06	4	74.2	1	41	30
L400+850N	.1	1.38	8	50	.1	1	.51	.1	9	35	38	2.92	4	.06	13	.89	256	1	.01	16	1190	5	1	1	36	9	.07	4	84.1	1	34	25
L400+900N	.1	1.75	8	98	.1	1	.38	.1	10	39	23	3.68	5	.06	12	.51	293	1	.01	13	1860	8	2	1	29	12	.07	5	97.3	1	50	35
L400+950N	.1	1.30	6	72	.1	1	.40	.1	11	35	18	3.20	4	.03	9	.54	207	1	.01	13	1380	6	2	1	34	10	.07	4	86.0	1	56	30
L400+1000N	.1	1.56	7	67	.1	1	.53	.1	13	44	42	3.23	4	.05	14	1.08	424	1	.01	18	840	3	1	1	36	9	.09	4	90.3	1	40	60
L400+1050N	.1	1.96	7	80	.1	1	.47	.1	15	54	49	4.35	6	.07	15	1.19	345	1	.01	23	980	10	1	1	37	14	.12	5	127.0	1	51	20
L400+1100N	.1	1.50	3	73	.1	1	.42	.1	10	45	30	3.81	5	.05	11	.67	276	1	.01	17	1100	5	1	1	37	12	.09	5	106.8	1	52	15
L400+1150N	.1	1.56	8	90	.1	1	.51	.1	12	47	40	3.97	5	.04	10	.69	365	1	.01	21	1480	7	1	1	41	13	.11	5	116.8	1	49	10
B.L.500E	.1	1.48	5	80	.1	1	.65	.1	10	40	41	3.29	4	.07	9	.69	425	1	.02	16	1150	6	1	1	50	11	.10	4	97.9	1	37	25
L500+50N	.1	3.14	46	274	.1	1	1.09	.1	29	67	64	8.30	8	.12	14	1.15	1753	1	.02	26	2470	13	3	1	132	30	.08	11	149.5	1	77	95
L500+100N	.1	2.60	10	187	.1	1	.84	.1	16	65	85	4.30	6	.13	16	1.15	473	1	.02	30	710	6	1	1	95	14	.09	5	102.6	1	52	25
L500+150N	.1	1.36	7	95	.1	1	.45	.1	10	44	28	3.58	4	.05	9	.57	290	1	.02	16	770	8	1	1	36	12	.09	4	106.1	1	35	20
L500+200N	.1	1.08	4	64	.1	1	.39	.1	9	38	28	3.43	4	.05	8	.45	252	1	.01	14	870	5	1	1	30	11	.09	4	99.8	1	31	15
L500+250N	.1	1.10	6	64	.1	1	.56	.1	11	41	32	3.59	4	.06	8	.57	376	1	.02	13	780	7	1	1	48	12	.11	4	113.5	1	32	30
L500+300N	.1	1.12	5	68	.1	1	.55	.1	9	35	27	3.21	4	.05	8	.52	477	1	.01	12	1030	5	1	1	41	9	.10	4	94.8	1	49	20
L500+400N	.1	1.55	33	142	.5	1	1.77	.3	26	95	106	5.09	5	.11	8	1.20	1022	1	.05	39	2480	11	3	1	113	17	.05	6	159.6	1	59	105
L500+450N	.1	1.29	17	154	.1	1	.70	.1	16	64	39	4.05	4	.07	9	.62	590	1	.02	25	1370	6	2	1	45	13	.09	5	121.9	1	54	65
L500+500N	.1	.94	2	73	.1	1	.37	.1	10	38	14	2.96	4	.04	9	.34	171	1	.01	12	680	2	1	1	32	9	.08	4	81.9	1	37	40
L500+550N	.1	1.23	6	57	.1	1	.48	.1	9	39	15	2.20	3	.05	13	.64	463	1	.01	17	850	2	1	1	38	6	.09	3	64.6	1	50	45
L500+600N	.1	1.47	7	77	.1	1	.38	.1	11	52	16	3.73	5	.04	11	.65	367	1	.01	16	1090	7	1	1	31	12	.10	5	103.5	1	49	40
L500+650N	.1	1.60	8	122	.1	1	.45	.1	13	49	32	3.55	5	.03	14	.76	232	1	.01	22	540	7	1	1	47	11	.09	4	103.5	1	36	25
L500+700N	.1	1.14	4	64	.1	1	.33	.1	8	39	14	2.69	4	.04	11	.53	187	1	.01	15	390	6	1	1	31	8	.07	3	75.9	1	31	10
L500+750N	.1	1.98	7	119	.1	1	.39	.1	12	47	43	3.74	6	.06	14	.75	322	1	.01	21	1860	6	1	1	29	11	.09	4	98.0	1	54	35
L500+800N	.1	1.87	13	87	.1	1	.35	.1	14	43	37	3.61	5	.07	12	.73	384	1	.01	23	2120	11	2	1	31	11	.07	4	87.6	1	73	30

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: 7V-0508-SJ7+8

DATE: 97/06/19

* * (ACT:ICP 31)

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	Hg PPB
L500+1100N	.1	1.21	7	63	.1	1	.49	.1	11	51	29	3.20	4	.07	10	.73	357	1	.01	17	490	3	1	1	33	11	.11	4	85.0	1	39	45
L500+1150N	.1	1.56	7	117	.1	1	.63	.1	19	179	46	5.07	6	.05	12	1.08	508	1	.01	40	490	8	2	1	39	16	.13	6	152.2	1	61	45
L500+1200N	.1	1.18	8	61	.1	1	.64	.1	12	41	41	4.21	5	.05	8	.58	413	1	.02	13	910	6	2	1	50	15	.15	5	139.1	1	40	40
L600+00N	2.1	1.24	3	164	.2	1	3.52	.2	3	26	188	1.02	1	.02	3	.44	121	1	.33	17	930	19	1	1	300	2	.02	1	98.3	1	57	290
L600+50N	.1	2.21	10	159	.1	1	.68	.1	16	61	56	4.46	6	.11	14	.98	509	1	.02	25	540	8	2	1	69	14	.11	6	121.3	1	46	50
L600+100N	.1	.94	5	45	.1	1	.52	.1	8	34	24	3.19	4	.04	8	.47	288	1	.02	10	660	3	2	1	43	10	.11	4	101.4	1	26	25
L600+150N	.1	1.05	2	55	.1	1	.50	.1	9	39	27	3.31	4	.05	8	.54	286	1	.02	13	950	5	2	1	37	11	.09	4	97.0	1	31	20
L600+200N	.1	1.11	1	59	.1	1	.41	.1	9	41	23	3.04	4	.04	10	.53	299	1	.01	13	600	1	2	1	30	9	.09	4	84.8	1	43	15
L600+250N	.1	1.62	4	81	.1	1	.40	.1	13	57	35	3.44	4	.06	10	.80	468	1	.01	24	1410	2	1	1	29	10	.09	4	90.4	1	42	210
L600+300N	.1	1.36	7	65	.1	1	.65	.1	13	44	46	3.64	4	.07	9	.84	528	1	.02	15	1170	12	2	1	51	10	.12	4	114.0	1	39	20
L600+400N	.1	.99	44	299	.4	1	8.40	.1	28	92	95	4.66	3	.09	5	1.99	1204	1	.05	38	2640	8	3	1	149	14	.04	6	145.2	1	60	50
L600+450N	.1	1.51	41	161	.1	1	.37	.1	25	82	25	6.45	6	.14	11	.44	730	1	.01	15	2430	14	3	1	43	22	.05	8	130.5	1	48	10
L600+500N	.1	1.59	7	107	.1	1	.46	.1	12	46	21	3.32	4	.06	11	.59	265	1	.01	21	1160	3	1	1	35	10	.09	4	88.8	1	61	15
L600+550N	.1	1.57	6	74	.1	1	.53	.1	11	47	41	3.50	4	.06	10	.68	279	1	.01	17	1120	3	2	1	42	11	.09	4	97.6	1	41	10
L600+600N	.1	1.50	4	104	.1	1	.41	.1	13	50	25	3.57	5	.05	11	.63	314	1	.01	20	1070	5	2	1	37	12	.09	4	98.1	1	34	10
L600+650N	.1	2.45	25	173	.1	1	.83	.1	19	78	33	4.38	3	.13	16	1.06	2110	1	.02	29	1240	5	2	1	100	13	.09	5	97.9	1	114	40
L600+700N	.1	1.37	6	98	.1	1	.34	.1	11	38	19	3.19	4	.06	11	.51	319	1	.01	14	860	3	1	1	31	10	.08	4	83.8	1	51	20
L600+750N	.1	1.00	4	57	.1	1	.44	.1	8	36	25	3.29	4	.05	8	.55	293	1	.01	11	620	5	3	1	36	10	.09	4	99.1	1	28	30
L600+800N	.1	1.28	10	92	.1	1	.52	.1	14	61	47	4.70	5	.04	8	.73	482	1	.01	16	1440	8	1	1	35	15	.06	6	109.4	1	57	35
L600+850N	.1	3.62	13	175	.1	1	1.44	.1	18	67	89	4.44	6	.11	48	1.31	1084	1	.04	34	930	7	3	1	90	13	.10	5	116.1	1	66	80
L600+900N	.1	1.16	3	55	.1	1	.51	.1	10	44	27	3.02	4	.06	10	.79	285	1	.01	17	1010	5	1	1	42	9	.09	4	80.2	1	29	20
L600+950N	.1	1.40	6	95	.1	1	.64	.1	13	47	33	4.09	5	.08	13	.83	370	1	.02	18	980	7	1	1	57	13	.12	5	120.8	1	38	30
L600+1000N	.1	1.27	2	85	.1	1	.40	.1	11	42	30	3.49	4	.06	12	.66	268	1	.02	19	660	8	1	1	39	11	.10	4	94.7	1	32	15
L600+1050N	.1	1.51	7	87	.1	1	.50	.1	12	50	27	3.60	5	.06	11	.76	263	1	.02	18	1020	5	3	1	43	11	.10	4	97.1	1	36	25
L600+1100N	.1	1.04	3	48	.1	1	.38	.1	11	43	29	3.19	4	.03	9	.64	232	1	.01	16	710	5	1	1	33	10	.08	4	86.8	1	33	10
L600+1150N	.1	1.19	2	50	.1	1	.61	.1	15	55	79	3.95	5	.05	8	.86	433	1	.01	16	1080	8	1	1	43	12	.10	5	110.7	1	42	15
L600+1200N	.1	1.47	4	57	.1	1	.57	.1	17	67	80	4.30	5	.04	11	1.08	405	1	.01	19	690	6	1	1	39	13	.14	5	124.5	1	45	20
L700+00N	.1	1.17	2	73	.1	1	.46	.1	10	37	36	2.98	4	.05	10	.58	444	1	.02	15	500	6	1	1	38	8	.08	4	85.9	1	38	30
L700+250N	.1	1.25	9	154	.1	1	.41	.1	10	39	14	3.35	4	.07	8	.48	481	1	.01	11	1510	6	2	1	28	10	.07	4	92.3	1	77	25
L700+300N	.1	.91	5	51	.1	1	.57	.1	8	34	28	2.69	3	.05	6	.56	359	1	.02	12	1260	4	1	1	46	8	.08	3	78.7	1	25	35
L700+350N	.1	1.57	4	81	.1	1	.32	.1	10	44	26	3.40	5	.04	10	.59	370	1	.01	15	1180	8	1	1	31	11	.07	4	89.6	1	59	25
L700+400N	.1	1.85	13	90	.1	1	1.41	.1	20	64	104	3.61	5	.09	14	1.65	579	1	.13	30	1390	14	2	1	77	9	.06	4	114.0	1	58	50
L700+450N	.1	1.50	5	111	.1	1	.32	.1	11	42	20	2.97	4	.05	10	.55	272	1	.01	18	1550	7	1	1	28	9	.08	4	78.2	1	50	25
L700+500N	.1	1.22	2	82	.1	1	.33	.1	10	36	22	2.84	4	.05	8	.53	219	1	.01	19	930	8	1	1	24	9	.07	3	74.5	1	31	45
L700+550N	.1	1.66	7	90	.1	1	.62	.1	12	57	65	3.16	5	.04	20	1.06	948	1	.01	17	1760	4	1	1	19	8	.10	4	84.3	1	68	15
L700+600N	.1	1.28	2	77	.1	1	.25	.1	9	44	18	2.46	3	.04	13	.52	231	1	.01	22	560	6	1	1	23	7	.06	3	56.9	1	41	10
L700+650N	.1	1.49	1	74	.1	1	.40	.1	9	39	43	2.50	4	.08	13	.77	323	1	.01	17	620	6	1	1	35	6	.08	3	66.1	1	51	15
L700+700N	.1	.76	4	42	.1	1	.55	.1	9	35	20	3.03	3	.05	6	.46	351	1	.01	11	1190	7	1	1	42	9	.09	4	92.0	1	26	5
L700+750N	.1	1.70	1	56	.1	1	.42	.1	15	48	31	3.83	5	.04	12	.88	334	1	.01	19	1190	4	1	1	28	12	.07	5	102.2	1	59	15
L700+800N	.1	1.67	6	53	.1	1	.56	.1	18	68	32	3.46	5	.05	15	1.63	513	1	.01	19	890	4	1	1	46	8	.10	4	90.6	1	50	20
L700+850N	.1	1.52	2	100	.1	1	.43	.1	10	46	12	3.25	4	.04	19	.63	233	1	.01	18	440	7	1	1	29	9	.08	4	79.4	1	55	15
L700+900N	.1	1.08	7	98	.1	1	.62	.1	11	36	31	3.70	4	.04	7	.22	484	1	.01	15	1680	7	1	1	28	12	.06	4	94.5	1	78	15
L700+950N	.1	1.42	8	81	.1	1	.40	.1	11																							

24-Jun-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97-531

Morehead South Grid

BIG VALLEY RESOURCES
BOX 4210
WILLIAMS LAKE, B.C.
V2G 2V2

Post-It™ Fax Note	7671E	Date	June 24	# of pages	1
To	Stu Tennant	From			
Co./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 150
Sample type: SOILS
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	500+50S	<0.2	1.43	<5	100	<5	0.63	<1	16	37	38	3.48	<10	0.70	542	<1	0.01	19	1000	8	<5	<20	48	0.12	<10	108	<10	5	37
2	500+100S	<0.2	1.41	<5	110	<5	0.42	<1	14	33	25	3.63	<10	0.56	250	<1	<0.01	17	920	8	<5	<20	32	0.09	<10	98	<10	<1	39
3	500+150S	<0.2	0.96	<5	80	<5	0.42	<1	10	22	22	2.29	<10	0.52	215	<1	<0.01	12	360	6	5	<20	30	0.10	<10	69	<10	4	33
4	500+200S	<0.2	0.93	<5	80	5	0.40	<1	10	25	23	2.69	<10	0.41	226	<1	<0.01	11	410	8	<5	<20	29	0.09	<10	77	<10	3	37
5	500+250S	<0.2	1.20	<5	90	5	0.59	<1	13	33	37	3.16	<10	0.65	404	<1	0.01	16	810	8	<5	<20	42	0.11	<10	92	<10	5	38
6	600+050S	<0.2	1.20	<5	85	<5	0.58	<1	13	33	26	3.85	<10	0.53	413	<1	<0.01	15	900	6	<5	<20	43	0.12	<10	110	<10	2	39
7	600+100S	<0.2	1.24	<5	75	10	0.55	<1	12	32	29	3.46	<10	0.53	291	<1	<0.01	14	660	6	<5	<20	37	0.12	<10	106	<10	2	40
8	600+150S	<0.2	1.08	<5	65	<5	0.53	<1	12	30	24	3.08	<10	0.66	328	<1	<0.01	14	320	6	<5	<20	37	0.13	<10	93	<10	2	52
9	600+200S	<0.2	1.13	<5	70	<5	0.54	<1	11	30	27	2.88	<10	0.62	297	<1	0.01	15	620	8	<5	<20	43	0.12	<10	87	<10	3	41
10	600+250S	<0.2	1.28	<5	100	<5	0.61	<1	16	35	35	3.23	<10	0.69	836	<1	0.01	18	810	4	5	<20	47	0.10	<10	97	<10	6	38
11	700+050S	<0.2	2.01	<5	165	<5	0.93	1	17	54	62	4.12	<10	1.04	583	<1	0.02	27	790	6	10	<20	81	0.10	<10	107	<10	11	65
12	700+100S	<0.2	1.29	<5	100	<5	0.76	<1	16	35	29	3.72	<10	0.62	397	<1	0.01	17	1420	8	<5	<20	55	0.11	<10	113	<10	5	45
13	700+150S	<0.2	1.16	<5	85	5	0.72	<1	13	34	30	3.06	<10	0.70	356	<1	0.01	16	1070	6	<5	<20	51	0.12	<10	94	<10	9	30
14	700+200S	<0.2	1.50	<5	90	<5	0.44	1	15	48	31	3.18	<10	0.74	301	<1	<0.01	25	910	10	5	<20	31	0.10	<10	84	<10	2	52
15	700+250S	<0.2	1.34	<5	85	5	0.53	<1	15	39	32	3.70	<10	0.67	338	<1	0.01	20	990	6	<5	<20	40	0.11	<10	103	<10	2	46
16	700+300S	<0.2	1.14	<5	75	<5	0.64	<1	13	38	32	3.46	<10	0.68	334	<1	0.01	18	930	6	<5	<20	46	0.12	<10	106	<10	4	32
17	700+050N	<0.2	1.13	<5	70	5	0.66	<1	14	39	35	3.80	<10	0.70	382	<1	0.01	17	550	6	<5	<20	48	0.15	<10	119	<10	5	32
18	700+100N	<0.2	1.42	<5	140	<5	0.58	<1	13	34	22	3.81	<10	0.44	433	<1	<0.01	15	1230	6	<5	<20	36	0.10	<10	106	<10	<1	65
19	700+150N	<0.2	1.70	<5	150	<5	0.71	<1	21	53	52	4.36	<10	0.94	871	<1	0.02	25	1190	12	<5	<20	55	0.12	<10	124	<10	3	62
20	700+200N	<0.2	1.54	<5	85	<5	0.64	<1	14	40	29	2.35	<10	0.88	486	<1	<0.01	18	1200	6	10	<20	43	0.11	<10	66	<10	8	54
21	700+250N	<0.2	1.59	<5	115	<5	0.48	<1	13	40	32	3.56	<10	0.61	342	<1	<0.01	19	1720	8	5	<20	36	0.09	<10	94	<10	1	48
22	800+050S	<0.2	1.46	<5	130	<5	1.03	1	16	32	75	4.20	<10	0.70	638	<1	0.03	17	1040	6	<5	<20	76	0.11	<10	130	<10	9	40
23	800+100S	<0.2	1.47	<5	90	<5	0.63	<1	16	40	59	3.34	<10	0.76	527	<1	0.01	20	310	6	5	<20	46	0.11	<10	102	<10	17	40
24	800+150S	<0.2	1.15	10	75	<5	0.64	<1	14	47	47	3.89	<10	0.60	406	<1	0.01	19	930	6	<5	<20	50	0.12	<10	124	10	5	30
25	800+200S	<0.2	1.10	<5	75	<5	0.61	<1	13	42	34	3.50	<10	0.59	330	<1	0.01	18	750	4	<5	<20	48	0.12	<10	110	<10	6	28

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-531

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	800+250S	<0.2	1.39	<5	85	<5	0.69	<1	13	37	24	3.39	<10	0.72	356	<1	0.01	17	830	6	<5	<20	54	0.12	<10	87	<10	7	30
27	800+300S	<0.2	0.92	<5	80	<5	0.55	<1	12	34	20	3.03	<10	0.54	309	<1	0.01	16	690	4	<5	<20	43	0.11	<10	91	<10	2	31
28	800+050N	<0.2	1.28	<5	65	<5	0.40	<1	14	37	23	3.56	<10	0.55	371	<1	<0.01	16	890	6	<5	<20	30	0.11	<10	105	<10	<1	37
29	800+100N	<0.2	2.17	<5	125	<5	0.45	<1	20	51	57	3.85	<10	1.22	750	<1	<0.01	25	1310	6	<5	<20	34	0.11	<10	111	<10	<1	66
30	800+150N	<0.2	2.34	<5	120	<5	0.48	<1	17	45	45	3.58	<10	1.10	681	<1	0.04	23	1190	8	5	<20	39	0.10	<10	100	<10	<1	65
31	800+0200N	<0.2	1.60	<5	120	<5	0.79	<1	17	54	61	4.27	<10	1.00	562	<1	0.01	25	1030	8	<5	<20	65	0.13	<10	128	<10	7	42
32	800+0250N	<0.2	1.34	<5	100	<5	0.47	<1	13	37	28	3.37	<10	0.55	438	<1	<0.01	17	1190	6	<5	<20	36	0.09	<10	93	<10	2	46
33	800+0300N	<0.2	1.38	<5	75	<5	0.68	<1	13	42	64	2.71	<10	0.83	391	<1	0.02	18	680	8	<5	<20	62	0.12	<10	95	<10	15	40
34	800+0350N	<0.2	1.56	<5	135	<5	1.22	<1	20	53	66	4.67	<10	1.18	754	<1	0.08	26	1150	22	5	<20	78	0.13	<10	142	20	5	51
35	800+0400N	<0.2	1.54	<5	100	<5	0.75	<1	19	51	51	4.41	<10	0.98	518	<1	0.02	24	1020	6	<5	<20	65	0.12	<10	137	<10	2	37
36	800+0450N	<0.2	1.73	10	145	<5	1.05	<1	19	53	70	4.35	<10	1.15	766	<1	0.04	27	1130	6	5	<20	71	0.11	<10	135	<10	6	45
37	800+0500N	<0.2	1.07	<5	180	<5	0.38	<1	10	36	11	2.65	<10	0.38	622	<1	<0.01	17	550	6	<5	<20	25	0.08	<10	72	<10	<1	54
38	800+0550N	<0.2	1.92	<5	135	<5	0.44	<1	14	45	28	4.17	<10	0.55	278	<1	<0.01	24	2120	8	<5	<20	34	0.10	<10	110	<10	<1	49
39	800+0600N	<0.2	1.14	<5	75	<5	0.41	<1	12	32	24	3.15	<10	0.48	308	<1	<0.01	15	440	4	<5	<20	30	0.11	<10	95	<10	<1	34
40	800+0650N	<0.2	1.41	5	80	<5	0.47	<1	13	40	35	3.67	<10	0.61	270	<1	<0.01	17	490	6	<5	<20	38	0.11	<10	114	<10	<1	30
41	800+0700N	<0.2	1.33	<5	80	<5	0.60	<1	13	38	37	3.35	<10	0.67	378	<1	0.01	18	800	6	5	<20	45	0.11	<10	107	<10	3	31
42	800+0750N	<0.2	1.35	<5	80	<5	0.82	<1	16	57	64	4.39	<10	1.14	620	<1	0.01	26	950	6	<5	<20	77	0.17	<10	142	<10	3	39
43	800+0800N	<0.2	1.43	<5	105	<5	0.69	<1	16	44	36	3.68	<10	0.64	521	<1	0.01	23	1070	6	<5	<20	50	0.11	<10	105	<10	<1	47
44	800+0850N	<0.2	1.07	<5	110	<5	0.48	<1	14	69	89	5.48	<10	0.28	356	2	<0.01	27	740	6	<5	<20	26	0.05	<10	134	<10	<1	56
45	800+0900N	<0.2	1.36	<5	100	<5	0.32	<1	11	39	17	2.76	<10	0.42	208	<1	<0.01	20	580	8	<5	<20	22	0.09	<10	72	<10	<1	37
46	800+0950N	<0.2	1.89	<5	95	5	0.39	<1	12	37	28	3.68	<10	0.49	270	<1	<0.01	18	980	10	<5	<20	29	0.10	<10	98	<10	<1	46
47	800+1000N	<0.2	2.37	<5	135	<5	0.63	<1	21	52	82	4.51	<10	0.95	354	<1	<0.01	31	2650	6	<5	<20	41	0.11	<10	110	<10	<1	88
48	800+00E	<0.2	1.25	<5	80	<5	0.54	<1	13	30	42	3.94	<10	0.51	332	<1	0.01	15	500	4	<5	<20	35	0.12	<10	128	<10	<1	38
49	900+000S	<0.2	2.36	<5	125	<5	0.44	<1	15	36	46	3.50	<10	0.73	284	<1	<0.01	24	1980	6	<5	<20	29	0.10	<10	91	<10	<1	51
50	900+050S	<0.2	1.25	<5	65	<5	0.48	<1	13	40	34	3.59	<10	0.59	283	<1	<0.01	17	690	6	<5	<20	34	0.11	<10	105	<10	<1	35
51	900+100S	<0.2	1.14	<5	80	5	0.50	<1	11	30	14	3.45	<10	0.42	266	<1	<0.01	12	830	6	<5	<20	29	0.11	<10	100	<10	<1	41
52	900+150S	<0.2	1.22	<5	90	<5	0.54	<1	12	40	34	3.51	<10	0.48	273	<1	0.01	20	390	12	<5	<20	33	0.11	<10	103	<10	2	37
53	900+200S	<0.2	1.44	5	85	<5	0.57	<1	12	38	40	2.83	<10	0.80	391	<1	0.01	19	660	6	10	<20	44	0.12	<10	77	<10	5	35
54	900+250S	<0.2	1.16	<5	90	<5	0.62	<1	12	38	32	3.74	<10	0.55	325	<1	0.01	18	840	4	<5	<20	50	0.13	<10	117	<10	2	28
55	900+300S	<0.2	1.14	<5	70	<5	0.51	<1	11	30	28	3.03	<10	0.47	301	<1	0.01	16	280	4	<5	<20	35	0.12	<10	99	<10	<1	35
56	900+350S	<0.2	1.71	<5	90	<5	0.39	<1	14	37	29	3.80	<10	0.53	432	<1	<0.01	20	880	6	<5	<20	29	0.10	<10	109	<10	<1	45
57	900+400S	<0.2	1.77	5	125	<5	0.51	<1	17	42	33	4.35	<10	0.66	378	<1	<0.01	26	1360	4	<5	<20	40	0.10	<10	126	<10	<1	58
58	900+450S	0.4	2.17	5	320	<5	1.91	<1	26	88	173	5.08	20	1.53	1614	3	0.02	63	1200	8	<5	<20	185	0.07	<10	129	<10	53	55
59	900+500S	<0.2	1.17	5	105	<5	0.65	<1	14	39	37	3.98	<10	0.76	349	<1	0.01	22	1200	6	<5	<20	51	0.11	<10	113	<10	2	51
60	900+550S	<0.2	1.17	<5	75	<5	0.56	<1	12	36	30	3.64	<10	0.60	318	<1	<0.01	17	850	4	<5	<20	45	0.11	<10	110	<10	<1	34

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-531

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
61	900+600S	<0.2	1.06	<5	100	<5	0.54	<1	12	31	25	3.42	<10	0.52	333	<1	<0.01	17	680	4	5	<20	44	0.11	<10	102	<10	<1	35
62	900+650S	<0.2	1.18	<5	70	<5	0.56	<1	14	32	29	3.26	<10	0.77	310	<1	<0.01	19	870	4	<5	<20	45	0.12	<10	96	<10	1	30
63	900+700S	<0.2	1.36	5	90	<5	0.69	<1	14	35	38	3.82	<10	0.64	456	<1	0.01	17	1120	6	<5	<20	54	0.12	<10	116	<10	2	35
64	900+750S	<0.2	1.13	<5	80	<5	0.52	<1	13	30	35	3.52	<10	0.57	351	<1	0.01	15	500	4	<5	<20	43	0.11	<10	109	<10	<1	34
65	900+800S	<0.2	1.19	<5	85	<5	0.51	<1	13	35	37	3.59	<10	0.60	334	<1	0.01	17	710	4	<5	<20	42	0.11	<10	107	<10	3	36
66	900+850S	<0.2	0.98	<5	70	5	0.48	<1	11	29	24	3.41	<10	0.47	289	<1	<0.01	12	380	6	<5	<20	39	0.11	<10	104	<10	1	28
67	NO SAMPLE																												
68	900+050N	<0.2	1.33	<5	105	<5	0.68	<1	17	51	58	4.01	<10	0.81	605	<1	0.01	24	1140	6	<5	<20	54	0.12	<10	121	<10	5	38
69	900+100N	<0.2	1.50	<5	115	<5	0.49	<1	14	43	26	4.04	<10	0.53	317	<1	<0.01	19	2020	6	<5	<20	38	0.10	<10	111	<10	<1	46
70	900+150N	<0.2	1.29	<5	75	5	0.66	<1	14	40	41	3.77	<10	0.64	398	<1	0.01	19	950	6	<5	<20	50	0.11	<10	117	<10	3	38
71	900+200N	<0.2	1.52	<5	110	<5	0.49	<1	16	36	31	3.97	<10	0.75	1306	<1	0.01	17	870	8	<5	<20	42	0.13	<10	124	<10	<1	56
72	900+250N	<0.2	2.02	5	105	<5	0.49	<1	16	38	37	3.80	<10	0.81	402	<1	0.03	22	1030	8	<5	<20	41	0.11	<10	113	<10	<1	48
73	900+300N	<0.2	3.14	<5	90	<5	0.41	<1	25	36	40	3.68	<10	2.54	577	<1	0.06	25	1140	6	10	<20	35	0.10	<10	111	<10	<1	72
74	900+350N	<0.2	1.39	15	105	<5	0.88	<1	17	50	56	4.34	<10	0.99	690	<1	0.07	28	1010	10	<5	<20	70	0.13	<10	140	<10	4	51
75	900+400N	<0.2	0.76	<5	75	5	0.53	<1	8	30	14	2.75	<10	0.28	253	<1	0.01	9	530	8	<5	<20	50	0.11	<10	88	<10	<1	30
76	900+450N	<0.2	1.94	<5	165	<5	0.93	<1	18	49	70	3.99	<10	1.05	957	<1	0.02	29	970	6	<5	<20	95	0.11	<10	114	<10	11	40
77	900+500N	<0.2	1.03	<5	125	<5	0.58	<1	11	35	20	3.35	<10	0.41	436	<1	<0.01	13	1070	6	<5	<20	46	0.10	<10	103	<10	<1	46
78	900+550N	<0.2	1.83	<5	220	<5	1.02	<1	18	45	59	3.93	<10	1.07	746	<1	0.02	26	1070	6	10	<20	75	0.10	<10	109	<10	11	41
79	900+600N	<0.2	1.51	<5	105	<5	0.65	<1	17	37	49	3.92	<10	0.89	429	<1	0.01	23	630	4	<5	<20	53	0.12	<10	113	<10	4	43
80	900+650N	<0.2	1.61	<5	125	<5	0.49	<1	15	43	32	3.90	<10	0.54	293	<1	<0.01	20	1450	6	<5	<20	41	0.10	<10	108	<10	<1	41
81	900+700N	<0.2	2.43	<5	210	<5	0.56	<1	12	33	24	3.83	<10	0.66	346	<1	<0.01	20	2140	6	<5	<20	33	0.11	<10	105	<10	<1	54
82	900+750N	<0.2	1.27	<5	90	<5	0.54	<1	12	35	25	3.51	<10	0.46	343	<1	<0.01	16	800	6	<5	<20	45	0.12	<10	108	<10	<1	37
83	900+800N	<0.2	1.02	5	130	<5	0.43	<1	16	167	82	5.66	<10	0.38	585	<1	<0.01	39	860	6	<5	<20	48	0.09	<10	160	<10	<1	71
84	900+850N	<0.2	1.47	<5	135	<5	0.94	<1	15	47	52	3.82	<10	0.66	493	<1	0.01	22	680	4	5	<20	53	0.11	<10	114	<10	3	48
85	900+900N	<0.2	4.42	10	305	<5	1.38	<1	23	79	241	5.41	10	1.37	1652	<1	0.02	57	480	8	5	<20	75	0.11	<10	143	<10	41	104
86	900+950N	<0.2	1.57	<5	95	<5	0.41	<1	13	35	22	3.38	<10	0.47	291	<1	<0.01	17	960	8	<5	<20	30	0.10	<10	96	<10	<1	46
87	900+1000N	<0.2	2.56	10	130	<5	1.38	<1	20	35	104	4.56	<10	1.23	861	<1	0.05	23	1130	8	<5	<20	116	0.15	<10	136	<10	11	54
88	1000+050S	<0.2	5.05	10	135	<5	0.80	<1	30	34	120	4.17	<10	2.20	1486	<1	0.07	23	2180	10	15	<20	61	0.16	<10	116	<10	2	82
89	1000+100S	<0.2	1.70	<5	85	<5	0.49	<1	16	52	36	3.98	<10	0.69	287	<1	<0.01	28	1450	6	<5	<20	39	0.12	<10	115	<10	<1	54
90	1000+150S	<0.2	2.21	10	85	<5	0.59	<1	16	53	45	4.46	<10	0.99	403	<1	<0.01	26	850	6	5	<20	46	0.10	<10	131	<10	<1	47
91	1000+200S	<0.2	1.33	<5	115	<5	0.40	<1	18	81	32	4.76	<10	0.61	379	<1	<0.01	36	840	4	<5	<20	26	0.09	<10	128	<10	<1	56
92	1000+250S	<0.2	1.49	5	85	<5	0.64	<1	14	50	58	3.62	<10	0.81	304	<1	0.01	22	700	4	<5	<20	49	0.12	<10	108	<10	6	42
93	1000+300S	<0.2	0.95	<5	75	<5	0.65	<1	12	36	35	3.78	<10	0.53	343	<1	0.01	15	860	4	<5	<20	52	0.12	<10	122	<10	3	27
94	1000+350S	<0.2	1.42	<5	85	<5	0.58	<1	14	45	28	4.35	<10	0.60	307	<1	<0.01	18	830	8	<5	<20	42	0.12	<10	133	<10	<1	34
95	1000+400S	<0.2	1.74	5	95	<5	0.50	<1	17	46	54	4.31	<10	0.81	356	<1	<0.01	23	740	6	<5	<20	35	0.12	<10	130	<10	<1	38

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06/24/97 17:19 20250 3/3 433/ HCU TECH LAB.

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-531

ECO-TECH LABORATORIES LTD.

Et#.	Tag#	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	1000+450S	<0.2	1.48	<5	85	<5	0.72	<1	16	38	53	3.59	<10	0.66	396	<1	0.01	18	570	4	<5	<20	50	0.11	<10	111	<10	4	43
97	1000+500S	<0.2	1.43	<5	95	<5	0.66	<1	13	38	37	3.03	<10	0.72	447	<1	0.01	20	900	6	5	<20	53	0.10	<10	84	<10	5	50
98	1000+550S	<0.2	1.27	<5	80	<5	0.67	<1	12	31	32	3.24	<10	0.62	416	<1	0.01	17	910	6	<5	<20	51	0.12	<10	103	<10	3	37
99	1000+600S	<0.2	1.15	10	100	<5	0.48	<1	12	33	23	3.46	<10	0.45	341	<1	<0.01	14	980	6	<5	<20	42	0.11	<10	100	<10	<1	44
100	1000+650S	<0.2	0.95	<5	85	<5	0.49	<1	10	25	22	2.86	<10	0.46	444	<1	<0.01	12	580	8	<5	<20	40	0.11	<10	88	<10	<1	37
101	1000+700S	<0.2	1.19	10	85	<5	0.70	<1	13	34	35	3.58	<10	0.62	453	<1	0.01	18	1060	6	<5	<20	55	0.13	<10	114	<10	4	31
102	1000+750S	<0.2	1.11	<5	75	<5	0.57	<1	13	32	30	3.61	<10	0.56	461	<1	<0.01	16	750	6	<5	<20	44	0.11	<10	109	<10	<1	35
103	1000+800S	<0.2	1.63	<5	130	<5	0.61	<1	14	35	48	3.69	<10	0.71	476	<1	0.01	18	790	8	<5	<20	41	0.13	<10	107	<10	1	53
104	1000+850S	<0.2	1.73	10	100	<5	0.62	<1	15	46	46	4.47	<10	0.76	327	<1	<0.01	22	1170	6	<5	<20	50	0.12	<10	138	<10	<1	41
105	1000+900S	<0.2	1.16	10	90	<5	0.59	<1	13	34	32	3.73	<10	0.59	377	<1	<0.01	17	940	6	<5	<20	47	0.12	<10	118	<10	<1	31
106	1000+050N	<0.2	1.41	<5	90	<5	0.44	<1	14	43	49	3.88	<10	0.58	337	<1	<0.01	19	670	6	<5	<20	30	0.12	<10	118	<10	<1	36
107	1000+100N	<0.2	1.09	<5	80	<5	0.65	<1	14	41	31	4.12	<10	0.55	404	<1	0.01	17	450	4	<5	<20	45	0.16	<10	142	<10	<1	32
108	1000+150N	<0.2	1.39	10	85	<5	0.53	<1	13	38	34	3.46	<10	0.62	368	<1	0.01	20	780	8	<5	<20	41	0.11	<10	103	<10	<1	50
109	1000+200N	<0.2	1.28	<5	85	<5	0.51	<1	13	36	35	3.26	<10	0.67	503	<1	0.01	16	690	6	<5	<20	40	0.10	<10	99	<10	<1	38
110	1000+250N	<0.2	1.79	5	130	<5	0.46	<1	14	48	35	4.12	<10	0.58	335	<1	<0.01	25	1650	6	<5	<20	36	0.10	<10	119	<10	<1	59
111	1000+300N	<0.2	0.94	10	70	<5	0.42	<1	10	35	17	2.99	<10	0.41	307	<1	<0.01	15	480	6	<5	<20	30	0.10	<10	90	<10	<1	39
112	1000+350N	<0.2	1.40	10	90	<5	0.50	<1	13	49	35	3.56	<10	0.63	347	<1	<0.01	28	760	6	<5	<20	41	0.10	<10	101	<10	<1	35
113	1000+400N	<0.2	0.97	<5	55	5	0.68	<1	13	35	27	3.45	<10	0.56	414	<1	0.01	16	940	6	<5	<20	52	0.13	<10	114	<10	3	28
114	1000+450N	<0.2	1.57	15	145	<5	0.96	<1	18	44	67	4.07	<10	1.02	728	<1	0.02	25	1300	8	<5	<20	83	0.12	<10	117	<10	6	40
115	1000+500N	0.4	4.18	25	390	<5	1.52	<1	28	62	150	5.73	<10	1.56	4253	2	0.03	54	1060	14	10	<20	179	0.10	<10	160	<10	37	61
116	1000+650N	<0.2	1.23	10	100	<5	0.62	<1	12	35	26	3.37	<10	0.50	443	<1	0.01	17	1230	6	<5	<20	50	0.11	<10	104	<10	<1	36
117	1000+000E	<0.2	3.17	10	100	<5	0.33	<1	25	36	41	4.09	<10	1.23	701	<1	0.02	27	960	8	15	<20	26	0.13	<10	131	<10	<1	59
118	1100+050S	<0.2	3.12	35	215	<5	0.88	<1	38	60	328	6.32	<10	2.42	965	2	0.02	35	1570	4	<5	<20	66	0.04	<10	186	<10	<1	79
119	1100+100S	<0.2	1.38	<5	110	<5	0.68	<1	16	43	46	3.84	<10	0.73	417	<1	0.01	21	1080	4	<5	<20	54	0.12	<10	120	<10	<1	33
120	1100+150S	<0.2	1.76	5	135	<5	0.48	<1	19	51	61	4.73	<10	0.91	484	<1	0.02	24	820	6	<5	<20	29	0.11	<10	142	<10	<1	58
121	1100+200S	<0.2	2.28	<5	140	<5	0.40	<1	17	50	48	3.74	<10	0.72	330	<1	<0.01	27	800	8	<5	<20	31	0.11	<10	104	<10	<1	65
122	1100+250S	<0.2	1.44	10	70	<5	0.41	<1	14	43	30	3.77	<10	0.58	286	<1	<0.01	18	560	6	<5	<20	30	0.10	<10	110	<10	<1	36
123	1100+300S	<0.2	1.86	10	120	<5	0.62	<1	19	75	51	4.35	<10	0.96	282	<1	0.01	30	1350	6	<5	<20	41	0.17	<10	137	<10	<1	49
124	1100+350S	<0.2	1.13	<5	65	<5	0.44	<1	15	45	28	4.07	<10	0.56	400	<1	<0.01	17	510	4	<5	<20	34	0.11	<10	123	<10	<1	32
125	1100+400S	<0.2	1.32	<5	90	<5	0.46	<1	13	38	25	3.54	<10	0.52	249	<1	<0.01	19	680	6	<5	<20	33	0.11	<10	103	<10	<1	37
126	1100+450S	<0.2	1.11	5	80	<5	0.39	<1	11	28	34	2.53	<10	0.41	442	<1	0.01	13	320	6	<5	<20	37	0.08	<10	78	<10	8	29
127	1100+500S	<0.2	1.39	<5	100	<5	0.54	<1	13	34	24	3.65	<10	0.47	282	<1	<0.01	20	1270	6	<5	<20	38	0.10	<10	108	<10	<1	38
128	1100+550S	<0.2	1.63	<5	65	<5	0.57	<1	13	34	42	3.56	<10	0.62	313	<1	<0.01	19	1040	4	<5	<20	41	0.10	<10	108	<10	<1	33
129	1100+600S	<0.2	1.15	<5	75	<5	0.68	<1	14	36	35	3.73	<10	0.57	437	<1	0.01	18	970	6	<5	<20	52	0.12	<10	116	<10	4	34
130	1100+650S	<0.2	1.06	<5	85	<5	0.51	<1	13	38	30	3.84	<10	0.56	324	<1	<0.01	19	660	4	<5	<20	40	0.11	<10	116	<10	<1	31

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-531

ECO-TECH LABORATORIES LTD.

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
131	1100+700S	<0.2	1.44	<5	90	<5	0.65	<1	14	36	36	3.73	<10	0.66	434	<1	0.01	18	1120	6	10	<20	50	0.11	<10	120	<10	<1	34
132	1100+750S	<0.2	1.56	<5	110	<5	0.37	<1	11	31	21	3.59	<10	0.40	273	<1	<0.01	14	770	8	<5	<20	35	0.10	<10	104	<10	<1	39
133	1100+800S	<0.2	1.43	<5	110	<5	0.61	<1	16	37	34	4.01	<10	0.68	381	<1	0.01	18	1090	6	<5	<20	49	0.13	<10	121	<10	<1	37
134	1100+850S	<0.2	1.61	<5	120	<5	0.50	<1	15	42	34	3.70	<10	0.68	272	<1	<0.01	23	890	6	5	<20	38	0.11	<10	104	<10	<1	36
135	1100+900S	<0.2	1.68	<5	145	<5	0.49	1	16	39	35	4.12	<10	0.60	588	<1	<0.01	19	1480	6	<5	<20	39	0.10	<10	113	<10	<1	72
136	1100+00E	<0.2	1.79	<5	200	<5	0.44	<1	16	42	21	3.96	<10	0.54	559	<1	<0.01	22	2400	8	<5	<20	35	0.10	<10	106	<10	<1	120
137	1200+050S	<0.2	1.00	<5	75	<5	0.46	<1	11	38	22	3.15	<10	0.42	340	<1	0.01	16	390	6	<5	<20	31	0.11	<10	97	<10	2	56
138	1200+100S	<0.2	1.90	10	80	5	0.53	<1	39	74	25	4.13	<10	3.16	511	<1	0.01	103	500	6	15	>20	35	0.06	<10	86	<10	<1	55
139	1200+150S	<0.2	1.11	<5	105	<5	0.37	<1	15	41	17	3.43	<10	0.29	717	<1	<0.01	15	700	6	<5	<20	28	0.08	<10	97	<10	<1	42
140	1200+200S	<0.2	1.37	<5	110	<5	0.51	<1	14	42	37	3.93	<10	0.50	405	<1	<0.01	18	1220	2	<5	<20	39	0.10	<10	130	<10	<1	31
141	1200+250S	<0.2	1.31	<5	100	>5	0.60	<1	15	41	37	4.09	<10	0.63	312	<1	0.01	18	870	6	<5	>20	49	0.13	<10	131	>10	<1	28
142	1200+300S	<0.2	2.23	15	140	>5	0.65	<1	18	60	81	3.86	<10	1.16	710	<1	0.01	31	510	10	<5	>20	56	0.15	<10	126	<10	8	52
143	1200+350S	<0.2	1.21	<5	85	<5	0.51	<1	13	40	30	3.92	<10	0.53	270	<1	<0.01	20	1260	6	<5	>20	41	0.11	<10	115	<10	<1	39
144	1200+400S	<0.2	1.09	<5	75	<5	0.54	<1	12	34	29	3.27	<10	0.55	297	<1	0.01	17	600	6	<5	>20	43	0.11	<10	102	<10	<1	35
145	1200+450S	<0.2	1.46	10	85	<5	0.61	<1	14	47	41	3.47	<10	0.81	445	<1	0.01	22	760	6	<5	>20	45	0.12	<10	103	<10	2	44
146	1200+500S	<0.2	1.07	5	80	<5	0.38	<1	11	37	15	3.28	<10	0.35	253	<1	<0.01	13	520	6	<5	>20	31	0.11	<10	96	<10	<1	38
147	1200+550S	<0.2	1.06	<5	80	<5	0.52	<1	11	40	23	3.29	<10	0.47	231	<1	0.01	16	370	6	<5	>20	45	0.11	<10	97	<10	3	34
148	1200+600S	<0.2	1.07	<5	80	<5	0.67	<1	12	35	27	3.59	<10	0.52	367	<1	0.01	16	1020	6	<5	>20	50	0.12	<10	113	<10	2	35
149	1200+00E	<0.2	1.64	<5	120	<5	0.64	<1	14	56	57	4.02	<10	0.66	606	<1	0.01	25	280	6	<5	>20	38	0.14	<10	133	<10	9	53
150	900+900N	<0.2	1.20	5	85	<5	0.51	<1	15	38	48	3.53	<10	0.63	480	<1	0.01	19	340	6	<5	>20	39	0.10	<10	103	<10	5	41

QC/DATA:

Repeat:

1	500+50S	<0.2	1.48	>5	100	<5	0.65	<1	16	38	40	3.51	<10	0.72	555	<1	0.01	18	960	6	<5	>20	51	0.12	<10	111	<10	5	40
10	600+250S	<0.2	1.33	>5	105	<5	0.64	<1	17	36	36	3.32	<10	0.70	872	<1	0.01	19	830	6	<5	>20	50	0.11	<10	100	<10	6	40
19	700+150N	<0.2	1.72	>5	150	<5	0.72	<1	20	54	53	4.36	<10	0.93	880	<1	0.02	26	1150	12	<5	>20	56	0.12	<10	126	<10	3	62
28	800+050N	<0.2	1.27	<5	65	>5	0.41	<1	14	36	23	3.54	<10	0.55	367	<1	<0.01	15	880	6	<5	>20	29	0.11	<10	103	<10	<1	37
36	800+0450N	<0.2	1.67	<5	145	<5	1.02	<1	20	52	68	4.34	<10	1.15	755	<1	0.04	26	1150	6	<5	>20	66	0.10	<10	134	<10	7	44
45	800+0900N	<0.2	1.34	>5	100	<5	0.31	<1	10	40	17	2.74	<10	0.41	209	<1	<0.01	20	540	8	<5	>20	23	0.09	<10	72	<10	<1	36
54	900+250S	<0.2	1.11	<5	80	5	0.59	<1	12	35	31	3.60	<10	0.53	313	<1	0.01	17	850	6	<5	>20	44	0.11	<10	112	<10	2	27
63	900+700S	<0.2	1.31	>5	85	<5	0.67	<1	13	35	37	3.76	<10	0.63	442	<1	0.01	18	1140	4	<5	>20	51	0.11	<10	114	<10	3	34
71	900+200N	<0.2	1.56	<5	110	<5	0.48	<1	17	37	32	4.05	<10	0.78	1334	<1	0.01	18	940	6	<5	>20	40	0.13	<10	125	<10	<1	57
80	900+650N	<0.2	1.60	>5	120	<5	0.47	<1	14	42	33	3.83	<10	0.54	288	<1	<0.01	21	1430	6	<5	>20	38	0.10	<10	106	<10	<1	40


BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-531

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
89	1000+100S	<0.2	1.64	5	85	<5	0.48	<1	16	51	35	3.95	<10	0.67	279	<1	<0.01	27	1480	8	<5	<20	36	0.12	<10	111	<10	<1	54
98	1000+550S	<0.2	1.23	10	75	<5	0.64	<1	12	31	32	3.19	<10	0.62	409	<1	0.01	17	910	6	<5	<20	47	0.11	<10	101	<10	3	36
106	1000+050N	<0.2	1.39	<5	90	<5	0.43	<1	14	42	48	3.88	<10	0.58	336	<1	<0.01	19	690	6	<5	<20	29	0.12	<10	118	<10	<1	36
115	1000+500N	0.4	4.18	25	390	<5	1.51	<1	28	80	152	5.70	<10	1.56	4268	3	0.03	55	1050	12	10	<20	183	0.09	<10	160	<10	38	58
124	1100+350S	<0.2	1.10	<5	65	5	0.43	<1	15	45	27	4.10	<10	0.55	385	<1	<0.01	17	550	8	<5	<20	31	0.10	<10	121	<10	<1	33
133	1100+800S	<0.2	1.40	<5	110	<5	0.60	<1	15	37	33	3.90	<10	0.67	377	<1	0.01	18	1070	4	<5	<20	49	0.13	<10	119	<10	<1	35
141	1200+250S	<0.2	1.35	<5	105	<5	0.63	<1	15	43	38	4.20	<10	0.64	325	<1	0.01	17	880	6	<5	<20	53	0.14	<10	134	<10	<1	30
Standard:																													
GEO'97		1.6	1.76	70	170	<5	1.78	<1	19	60	86	3.97	<10	1.06	708	<1	0.02	24	690	20	10	<20	64	0.12	<10	79	<10	7	70
GEO'97		1.4	1.77	65	170	<5	1.79	<1	19	60	86	3.99	<10	1.05	725	<1	0.02	24	680	18	10	<20	64	0.12	<10	80	<10	5	69
GEO'97		1.4	1.80	80	170	<5	1.83	<1	19	61	88	4.04	<10	1.06	738	<1	0.02	26	620	20	15	<20	66	0.12	<10	82	<10	5	70
GEO'97		1.4	1.79	75	170	<5	1.82	<1	19	61	88	4.00	<10	1.06	726	<1	0.02	24	620	20	10	<20	65	0.12	<10	80	<10	5	69
GEO'97		1.6	1.76	80	175	<5	1.82	<1	18	61	86	3.99	<10	1.05	728	<1	0.02	22	680	20	10	<20	65	0.11	<10	80	<10	5	73

dl/531
 XLS/97Big Valley
 fax: 243-2335
 cc: fax: 257-3650 stu lennant


 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 97-531

BIG VALLEY RESOURCES
BOX 4210
WILLIAMS LAKE, B.C.
V2G 2V2

4-Jul-97

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 150
Sample type: SOILS
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Post-it™ Fax Note	7671E	Date	July 4	# of Pages	11
To	Stu Tennant		From		
Co./Dept.			Co.		
Phone #			Phone #		
Fax #			Fax #		

ET #.	Tag #	Hg (ppb)
1	500+50S	40
2	500+100S	35
3	500+150S	15
4	500+200S	20
5	500+250S	40
6	600+050S	20
7	600+100S	20
8	600+150S	20
9	600+200S	20
10	600+250S	40
11	700+050S	65
12	700+100S	25
13	700+150S	30
14	700+200S	20
15	700+250S	20
16	700+300S	30
17	700+050N	35
18	700+100N	20
19	700+150N	400
20	700+200N	60
21	700+250N	30
22	800+050S	80
23	800+100S	60
24	800+150S	45
25	800+200S	40

BIG VALLEY RESOURCES AK 97-531

4-Jul-97

ET #.	Tag #	Hg (ppb)
26	800+250S	30
27	800+300S	25
28	800+050N	25
29	800+100N	30
30	800+150N	50
31	800+0200N	85
32	800+0250N	40
33	800+0300N	65
34	800+0350N	70
35	800+0400N	100
36	800+0450N	65
37	800+0500N	30
38	800+0550N	45
39	800+0600N	35
40	800+0650N	30
41	800+0700N	40
42	800+0750N	45
43	800+0800N	55
44	800+0850N	30
45	800+0900N	35
46	800+0950N	35
47	800+1000N	30
48	800+00E	40
49	900+000S	50
50	900+050S	35
51	900+100S	30
52	900+150S	25
53	900+200S	50
54	900+250S	50
55	900+300S	50
56	900+350S	35
57	900+400S	60
58	900+450S	150
59	900+500S	75
60	900+550S	20
61	900+600S	40
62	900+650S	30
63	900+700S	80
64	900+750S	80
65	900+800S	50
66	900+850S	25
67	NO SAMPLE	-
68	900+050N	45
69	900+100N	35
70	900+150N	30
71	900+200N	25
72	900+250N	25

BIG VALLEY RESOURCES AK 97-531

4-Jul-97

ET #.	Tag #	Hg (ppb)
73	900+300N	20
74	900+350N	65
75	900+400N	25
76	900+450N	185
77	900+500N	100
78	900+550N	120
79	900+600N	20
80	900+650N	20
81	900+700N	15
82	900+750N	20
83	900+800N	30
84	900+850N	45
85	900+900N	15
86	900+950N	90
87	900+1000N	50
88	1000+050S	20
89	1000+100S	20
90	1000+150S	30
91	1000+200S	15
92	1000+250S	35
93	1000+300S	65
94	1000+350S	20
95	1000+400N	20
96	1000+450S	35
97	1000+500S	35
98	1000+550S	30
99	1000+600S	20
100	1000+650S	20
101	1000+700S	45
102	1000+750S	15
103	1000+800S	60
104	1000+850S	30
105	1000+900S	25
106	1000+050N	15
107	1000+100N	20
108	1000+150N	15
109	1000+200N	20
110	1000+250N	20
111	1000+300N	15
112	1000+350N	30
113	1000+400N	30
114	1000+450N	90
115	1000+500N	165
116	1000+650N	20
117	1000+000E	30
118	1100+050S	30
119	1100+100S	30

BIG VALLEY RESOURCES AK 97-531

4-Jul-97

ET #.	Tag #	Hg (ppb)
120	1100+150S	20
121	1100+200S	30
122	1100+250S	20
123	1100+300S	25
124	1100+350S	30
125	1100+400S	20
126	1100+450S	30
127	1100+500S	25
128	1100+550S	20
129	1100+600S	40
130	1100+650S	25
131	1100+700S	25
132	1100+750S	20
133	1100+800S	20
134	1100+850S	35
135	1100+900S	30
136	1100+00E	20
137	1200+050S	20
138	1200+100S	25
139	1200+150S	20
140	1200+200S	20
141	1200+250S	30
142	1200+300S	80
143	1200+350S	25
144	1200+400S	20
145	1200+450S	30
146	1200+500S	20
147	1200+550S	35
148	1200+600S	25
149	1200+00E	65
150	900+900N	40


QC DATA:Repeat:

1	500+50S	40
10	600+250S	40
19	700+150N	400
28	800+050N	30
36	800+0450N	60
45	800+0900N	30
54	900+250S	50
59	900+500S	80
63	900+700S	40
79	900+600N	30
101	1000+700S	50
123	1100+300S	25
145	1200+450S	30

BIG VALLEY RESOURCES AK 97-531

4-Jul-97

ET #.	Tag #	Hg (ppb)
Standard:		
	GEO'97	60
	GEO'97	80
	GEO'97	60
	GEO'97	53

per 
 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

XLS/97Big Valley
 fax: 243-2335
 cc: fax: 257-3650 stu tennant

9-Jul-97

Morehead South Grid

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 97-565

BIG VALLEY RESOURCES
BOX 4210
WILLIAMS LAKE, B.C.
V2G 2V2

Phone: 604-573-5700
Fax : 604-573-4557

Post-It™ Fax Note	7671E	Date	July 9	# of pages	7
To	Stu Tennant	From			
Co./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 189

Sample type: SOIL

PROJECT #: LLOYD NORDIK

SHIPMENT #: NONE GIVEN

Samples submitted by: BIG VALLEY

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	
1	1100+ 050	N	<0.2	1.64	<5	110	10	0.47	<1	18	42	25	3.98	<10	0.58	324	<1	0.01	27	1230	10	<5	<20	33	0.11	<10	108	10	<1	49
2	1100+ 100	N	<0.2	1.65	<5	130	10	0.63	<1	15	48	23	4.09	<10	0.65	414	<1	0.01	18	250	12	<5	<20	38	0.15	<10	124	<10	<1	37
3	1100+ 150	N	<0.2	1.20	<5	75	5	0.67	<1	15	41	37	3.46	<10	0.62	408	<1	0.01	17	660	10	5	<20	49	0.13	<10	117	<10	5	30
4	1100+ 200	N	<0.2	1.41	<5	95	5	0.53	<1	13	34	24	3.63	<10	0.49	277	<1	0.01	15	810	10	5	<20	43	0.12	<10	108	<10	<1	28
5	1100+ 250	N	<0.2	1.24	<5	85	<5	0.57	<1	12	31	24	3.40	<10	0.52	395	<1	0.01	12	1040	8	<5	<20	44	0.13	<10	102	<10	3	34
6	1100+ 300	N	<0.2	1.50	<5	100	<5	0.77	<1	15	40	64	3.49	<10	0.86	549	<1	0.01	20	570	10	10	<20	71	0.13	<10	105	<10	14	30
7	1100+ 350	N	<0.2	2.11	<5	165	<5	1.06	<1	19	42	84	4.37	<10	1.14	697	<1	0.03	26	1080	12	<5	<20	98	0.15	<10	121	<10	12	39
8	1100+ 400	N	<0.2	1.41	<5	95	<5	0.71	<1	15	35	39	3.57	<10	0.63	458	<1	0.01	16	900	8	<5	<20	57	0.14	<10	107	<10	5	25
9	1100+ 450	N	<0.2	1.12	5	70	<5	0.59	<1	11	29	22	2.94	<10	0.55	324	<1	0.01	14	820	6	<5	<20	46	0.12	<10	89	<10	4	29
10	1100+ 500	N	<0.2	1.82	10	95	<5	0.48	<1	16	40	41	3.77	<10	0.68	308	<1	0.01	23	810	10	<5	<20	36	0.12	<10	109	<10	<1	40
11	1100+ 550	N	<0.2	2.94	<5	245	<5	0.47	<1	14	33	45	3.30	<10	0.63	716	<1	0.03	24	1620	22	<5	<20	42	0.11	<10	88	<10	<1	47
12	1100+ 600	N	<0.2	1.79	<5	125	5	0.57	<1	18	36	43	3.83	<10	0.62	627	<1	0.01	20	1300	12	<5	<20	46	0.13	<10	116	<10	<1	38
13	1100+ 650	N	<0.2	1.10	<5	70	5	0.50	<1	12	36	27	3.61	<10	0.49	319	<1	0.01	16	550	6	<5	<20	40	0.12	<10	114	<10	<1	20
14	1100+ 700	N	<0.2	1.59	5	120	<5	1.06	<1	14	65	74	3.42	<10	0.61	464	<1	0.02	19	330	10	5	<20	72	0.13	<10	103	<10	18	22
15	1100+ 750	N	<0.2	1.34	<5	90	5	0.77	<1	13	35	35	3.54	<10	0.56	499	<1	0.02	15	610	10	<5	<20	63	0.13	<10	113	<10	6	24
16	1100+ 800	N	<0.2	1.86	<5	145	<5	0.94	<1	16	39	66	3.86	<10	0.76	617	<1	0.02	20	950	12	<5	<20	82	0.14	<10	116	<10	15	28
17	1200+ 050	N	<0.2	1.71	5	120	<5	0.83	<1	17	59	45	4.66	<10	0.92	526	<1	0.02	21	410	10	<5	<20	59	0.14	<10	138	<10	3	35
18	1200+ 100	N	<0.2	1.31	<5	70	<5	0.59	<1	12	36	31	3.03	<10	0.65	292	<1	0.01	18	490	8	<5	<20	45	0.13	<10	98	<10	3	26
19	1200+ 150	N	<0.2	1.21	<5	80	<5	0.61	<1	13	35	31	3.64	<10	0.55	313	<1	0.01	16	700	8	<5	<20	45	0.13	<10	114	<10	2	22
20	1200+ 200	N	<0.2	2.44	<5	140	<5	0.95	<1	20	53	111	4.02	<10	1.23	553	<1	0.02	28	560	12	10	<20	89	0.13	<10	124	<10	25	41
21	1200+ 250	N	<0.2	1.43	<5	80	5	0.51	<1	14	38	47	3.68	<10	0.61	292	<1	0.01	18	740	8	<5	<20	39	0.12	<10	114	<10	<1	22
22	1200+ 300	N	<0.2	1.07	<5	90	<5	0.41	<1	10	28	19	2.69	<10	0.36	309	<1	0.01	10	410	8	<5	<20	35	0.11	<10	83	<10	2	23
23	1200+ 350	N	<0.2	2.44	5	130	<5	0.46	<1	17	44	46	4.23	<10	0.69	320	<1	0.01	29	1680	12	<5	<20	38	0.12	<10	112	<10	<1	54
24	1200+ 400	N	<0.2	1.34	<5	75	5	0.60	<1	13	34	23	3.61	<10	0.51	295	<1	0.01	15	1200	8	<5	<20	46	0.12	<10	107	<10	<1	34
25	1200+ 450	N	<0.2	1.99	<5	125	5	0.49	<1	14	40	28	3.97	<10	0.61	306	<1	0.01	21	1260	12	<5	<20	44	0.13	<10	108	<10	<1	50

07/09/97 17:06 0250 573 4557 ECO-TECH KAM. STU TENNANT 001

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-565

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	1200+ 500 N	<0.2	1.13	5	125	5	0.58	<1	14	48	8	3.44	<10	0.30	533	<1	0.01	18	940	8	<5	<20	41	0.11	<10	92	<10	<1	74
27	1200+ 550 N	<0.2	2.25	10	165	10	0.49	<1	16	37	24	4.41	<10	0.49	509	<1	0.01	15	2590	14	<5	<20	34	0.12	<10	121	<10	<1	83
28	1200+ 600 N	<0.2	1.22	10	100	5	0.52	<1	12	39	18	4.42	<10	0.38	646	<1	0.01	11	890	10	<5	<20	42	0.09	<10	116	<10	<1	49
29	1200+ 650 N	<0.2	2.44	5	155	<5	0.46	<1	18	41	47	4.74	<10	0.70	391	<1	0.01	28	1380	14	<5	<20	35	0.12	<10	139	<10	<1	45
30	1200+ 700 N	<0.2	1.21	5	90	<5	0.69	<1	12	27	42	3.01	10	0.45	729	<1	0.01	13	480	8	<5	<20	64	0.11	<10	94	<10	22	26
31	1200+ 750 N	<0.2	1.24	<5	80	5	0.73	<1	12	26	25	3.32	<10	0.56	331	<1	0.01	12	570	4	15	<20	52	0.13	<10	107	<10	12	26
32	1200+ 800 N	<0.2	1.75	5	125	<5	0.58	<1	15	32	34	3.85	<10	0.52	313	<1	0.01	20	950	10	<5	<20	42	0.13	<10	116	<10	<1	37
33	1200+ 850 N	<0.2	1.64	10	105	5	0.62	<1	14	30	28	3.80	<10	0.48	407	<1	0.01	17	1120	12	<5	<20	49	0.13	<10	118	<10	<1	40
34	1200+ 900 N	<0.2	1.61	<5	135	<5	0.55	<1	13	35	29	3.65	<10	0.47	284	<1	0.01	17	270	10	<5	<20	41	0.13	<10	113	<10	<1	20
35	1200+ 950 N	<0.2	2.03	10	125	10	0.47	<1	14	39	24	4.33	<10	0.45	479	<1	0.01	19	1950	12	<5	<20	31	0.12	<10	119	<10	<1	62
36	1200+ 1000 N	<0.2	1.73	10	175	<5	0.52	<1	12	33	19	3.97	<10	0.37	350	<1	0.01	15	1440	10	<5	<20	35	0.11	<10	116	<10	<1	53
37	1300+ 050 N	<0.2	0.97	<5	60	5	0.67	<1	11	31	19	3.11	<10	0.53	337	<1	0.01	13	860	6	<5	<20	53	0.13	<10	98	<10	4	22
38	1300+ 100 N	<0.2	0.95	<5	50	<5	0.57	<1	10	29	14	2.65	<10	0.49	230	<1	0.01	10	480	6	<5	<20	44	0.13	<10	85	<10	2	25
39	1300+ 150 N	<0.2	2.11	5	110	<5	0.73	<1	15	44	42	3.05	<10	0.91	541	<1	0.02	22	510	12	10	<20	55	0.12	<10	80	<10	6	62
40	1300+ 200 N	<0.2	1.82	<5	90	5	0.52	<1	15	39	40	3.78	<10	0.63	297	<1	0.01	23	750	10	5	<20	43	0.11	<10	110	<10	<1	35
41	1300+ 250 N	<0.2	1.45	5	95	<5	0.60	<1	13	37	29	3.06	<10	0.69	335	<1	0.01	18	670	8	10	<20	43	0.12	<10	92	<10	2	40
42	1300+ 300 N	<0.2	1.73	5	95	<5	0.69	<1	13	35	30	3.25	<10	0.66	293	<1	0.02	18	290	12	<5	<20	54	0.11	<10	99	<10	2	24
43	1300+ 350 N	<0.2	2.93	15	275	<5	0.94	<1	14	48	72	3.80	<10	0.99	408	<1	0.02	25	330	16	5	<20	71	0.12	<10	87	<10	9	36
44	1300+ 400 N	<0.2	1.53	10	100	5	0.44	<1	13	36	24	3.69	<10	0.50	387	<1	0.01	17	1050	8	<5	<20	36	0.12	<10	107	<10	<1	34
45	1300+ 450 N	<0.2	1.20	5	65	5	0.45	<1	12	35	16	3.60	<10	0.42	296	<1	0.01	15	650	8	<5	<20	37	0.14	<10	111	<10	<1	31
46	1300+ 500 N	<0.2	1.48	5	95	5	0.46	<1	13	31	27	3.67	<10	0.38	330	<1	0.01	13	930	10	<5	<20	34	0.13	<10	109	<10	<1	59
47	1300+ 550 N	<0.2	1.39	5	130	<5	0.56	<1	12	31	24	3.82	<10	0.41	574	<1	0.01	12	860	10	<5	<20	38	0.13	<10	120	<10	<1	52
48	1300+ 600 N	<0.2	1.38	<5	70	<5	0.48	<1	13	30	19	3.63	<10	0.43	274	<1	0.01	14	450	8	<5	<20	39	0.14	<10	116	<10	<1	27
49	1300+ 650 N	<0.2	0.92	<5	65	<5	0.55	<1	10	23	15	2.95	<10	0.34	431	<1	0.01	9	350	8	<5	<20	44	0.13	<10	100	<10	<1	23
50	1300+ 700 N	<0.2	1.77	10	90	<5	0.52	<1	14	33	46	4.03	<10	0.54	375	<1	0.01	18	670	8	<5	<20	42	0.13	<10	130	<10	<1	31
51	1300+ 750 N	<0.2	1.49	10	120	5	0.56	<1	13	29	46	3.56	<10	0.48	616	<1	0.01	14	660	10	<5	<20	46	0.11	<10	113	<10	1	40
52	1300+ 800 N	<0.2	1.59	<5	90	<5	0.61	<1	14	32	33	4.04	<10	0.50	406	<1	0.01	12	770	10	<5	<20	40	0.15	<10	129	<10	1	35
53	1300+ 850 N	<0.2	1.72	10	120	5	0.48	<1	13	30	27	4.10	<10	0.47	309	<1	0.01	17	970	8	<5	<20	34	0.11	<10	126	<10	<1	38
54	1300+ 900 N	<0.2	2.98	25	210	5	0.58	<1	14	37	41	4.29	<10	0.37	304	3	0.01	24	3400	16	<5	<20	23	0.06	<10	103	<10	<1	66
55	1300+ 950 N	<0.2	2.09	5	130	<5	0.69	<1	13	35	26	4.18	<10	0.39	482	<1	0.01	18	580	12	<5	<20	34	0.10	<10	122	<10	<1	42
56	1300+ 1000 N	<0.2	1.81	<5	95	<5	0.52	<1	11	31	39	3.41	<10	0.41	423	<1	0.01	15	1220	12	<5	<20	25	0.05	<10	97	<10	2	49
57	1400+ 0050 N	<0.2	1.91	<5	105	<5	0.64	<1	18	53	44	5.08	<10	0.93	392	<1	0.01	25	800	8	<5	<20	53	0.15	<10	156	<10	<1	47
58	1400+ 0100 N	<0.2	1.49	<5	70	<5	0.63	<1	12	33	35	2.55	<10	0.82	343	<1	0.01	17	520	8	10	<20	49	0.13	<10	78	<10	6	26
59	1400+ 0150 N	<0.2	1.17	5	65	<5	0.76	<1	10	32	27	2.56	<10	0.69	276	<1	0.01	14	850	8	5	<20	52	0.13	<10	75	<10	9	24
60	1400+ 0200 N	<0.2	1.18	<5	65	5	0.80	<1	12	34	30	2.96	<10	0.67	352	<1	0.02	15	760	8	10	<20	68	0.13	<10	90	<10	9	22

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-565

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	1400+ 0250 N	<0.2	2.97	15	265	<5	1.07	<1	24	54	166	4.65	<10	1.22	1251	<1	0.02	42	440	14	10	<20	106	0.12	<10	117	<10	19	42
62	1400+ 0300 N	<0.2	2.12	10	160	<5	0.78	<1	14	42	55	3.47	<10	0.88	440	<1	0.02	22	450	12	10	<20	65	0.12	<10	93	10	14	28
63	1400+ 0350 N	<0.2	1.54	<5	95	<5	0.41	<1	13	34	28	3.26	<10	0.50	370	<1	0.01	15	700	8	<5	<20	40	0.12	<10	92	<10	2	47
64	1400+ 0400 N	<0.2	1.67	<5	115	<5	0.48	<1	12	25	16	3.17	<10	0.42	261	<1	0.01	17	800	8	10	<20	43	0.12	<10	89	<10	<1	43
65	1400+ 0450 N	<0.2	1.02	35	85	10	0.34	<1	28	37	11	4.55	<10	0.17	794	<1	0.01	31	450	8	<5	<20	32	0.07	<10	147	<10	<1	119
66	1400+ 0500 N	<0.2	1.21	<5	150	5	0.47	<1	9	22	19	2.47	<10	0.36	628	<1	0.01	12	430	8	<5	<20	33	0.10	<10	72	<10	<1	72
67	1400+ 0550 N	<0.2	2.02	<5	125	<5	0.43	<1	13	33	22	3.57	<10	0.50	453	<1	0.01	18	1680	12	<5	<20	32	0.11	<10	87	<10	<1	56
68	1400+ 0600 N	<0.2	1.55	<5	85	<5	0.54	<1	12	29	26	3.41	<10	0.44	292	<1	0.01	14	590	10	<5	<20	43	0.12	<10	106	<10	<1	29
69	1400+ 0650 N	<0.2	2.02	<5	125	10	0.64	<1	22	41	51	5.04	<10	1.20	710	<1	0.01	23	660	10	10	<20	45	0.18	<10	177	<10	<1	45
70	1400+ 0700 N	<0.2	1.90	<5	125	10	0.49	<1	11	29	15	3.91	<10	0.36	257	<1	0.01	11	2170	12	<5	<20	32	0.11	<10	107	<10	<1	53
71	1400+ 0750 N	<0.2	2.64	5	130	<5	0.41	<1	17	34	28	4.22	<10	0.62	326	<1	0.01	22	1550	14	<5	<20	30	0.10	<10	112	<10	<1	84
72	1400+ 0800 N	<0.2	2.13	10	115	<5	0.49	<1	15	29	36	4.13	<10	0.46	350	<1	0.01	15	1100	14	<5	<20	33	0.08	<10	123	<10	<1	53
73	1400+ 0850 N	<0.2	2.43	10	200	<5	0.39	<1	19	47	44	5.13	<10	0.63	487	<1	0.01	33	1280	12	<5	<20	29	0.10	<10	151	<10	<1	70
74	1400+ 0900 N	<0.2	1.19	10	95	<5	0.42	<1	8	19	14	2.94	<10	0.29	381	<1	0.01	9	560	10	<5	<20	26	0.09	<10	90	<10	<1	47
75	1400+ 0950 N	<0.2	1.99	15	200	5	0.71	<1	18	28	19	3.56	<10	0.22	2014	4	0.01	18	1140	18	<5	<20	33	0.06	<10	90	<10	2	131
76	1400+ 1000 N	<0.2	1.68	10	140	10	0.56	<1	13	30	17	3.64	<10	0.40	586	<1	0.01	15	550	12	<5	<20	31	0.11	<10	110	<10	<1	68
77	1500+ 0050 N	<0.2	1.34	5	70	5	0.57	<1	12	37	32	2.51	<10	0.77	341	<1	0.01	19	670	10	10	<20	38	0.12	<10	72	<10	5	26
78	1500+ 0100 N	<0.2	1.60	<5	95	<5	0.51	<1	12	33	52	2.58	<10	0.72	382	<1	0.01	17	380	10	<5	<20	45	0.10	<10	74	<10	5	27
79	1500+ 0150 N	<0.2	1.27	5	80	<5	0.75	<1	13	37	38	3.00	<10	0.79	349	<1	0.02	19	640	8	<5	<20	58	0.13	<10	92	<10	10	24
80	1500+ 0200 N	<0.2	1.84	10	115	5	0.87	<1	16	44	43	3.38	<10	0.93	609	<1	0.02	23	700	14	10	<20	72	0.13	<10	93	<10	15	34
81	1500+ 0250 N	<0.2	1.69	<5	105	<5	0.73	<1	17	48	48	3.53	<10	1.03	558	<1	0.02	22	410	12	10	<20	57	0.15	<10	105	<10	12	34
82	1500+ 0300 N	<0.2	1.54	5	135	<5	0.43	<1	14	39	24	3.42	<10	0.55	244	<1	0.01	22	960	12	<5	<20	34	0.11	<10	93	<10	<1	40
83	1500+ 0350 N	<0.2	1.52	<5	80	<5	0.46	<1	13	35	28	3.51	<10	0.53	256	<1	0.01	19	550	10	<5	<20	38	0.12	<10	100	<10	<1	25
84	1500+ 0400 N	<0.2	1.63	<5	80	5	0.40	<1	13	33	13	3.36	<10	0.36	234	<1	0.01	18	880	12	<5	<20	31	0.12	<10	93	<10	<1	35
85	1500+ 0450 N	<0.2	2.41	5	160	10	0.73	<1	24	51	37	4.92	<10	1.65	1173	<1	0.01	22	470	14	10	<20	26	0.18	<10	150	<10	<1	61
86	1500+ 0500 N	<0.2	1.50	10	100	<5	0.47	<1	14	32	28	4.15	<10	0.47	323	<1	0.01	16	670	10	<5	<20	35	0.11	<10	128	<10	<1	32
87	1500+ 0550 N	<0.2	1.22	5	85	<5	0.57	<1	12	29	29	3.65	<10	0.47	360	<1	0.01	13	490	8	<5	<20	44	0.13	<10	119	<10	<1	23
88	1500+ 0600 N	<0.2	2.85	10	230	<5	0.58	<1	17	30	87	4.89	<10	0.73	738	<1	0.01	19	1060	14	<5	<20	41	0.09	<10	152	<10	<1	58
89	1500+ 0650 N	<0.2	1.75	10	115	5	0.51	<1	13	29	24	3.54	<10	0.45	320	<1	0.01	15	1100	14	<5	<20	41	0.10	<10	104	<10	<1	50
90	1500+ 0700 N	0.4	2.86	20	345	<5	3.00	<1	9	35	144	1.96	10	0.85	302	<1	0.02	20	460	12	15	<20	357	0.04	<10	92	<10	61	27
91	1500+ 0750 N	<0.2	0.62	10	75	5	0.29	<1	8	29	9	3.66	<10	0.13	263	<1	<0.01	7	290	8	<5	<20	25	0.12	<10	124	10	<1	24
92	1500+ 0800 N	<0.2	1.38	10	155	<5	0.52	<1	12	27	14	3.51	<10	0.34	639	<1	0.01	11	800	12	<5	<20	32	0.09	<10	105	<10	<1	53
93	1500+ 0850 N	<0.2	2.21	15	355	<5	0.96	<1	21	35	81	5.91	<10	0.71	1176	<1	0.02	20	710	18	<5	<20	49	0.12	<10	202	<10	13	53
94	1500+ 0900 N	<0.2	2.20	15	270	<5	1.01	<1	15	39	82	4.00	<10	0.68	1060	<1	0.02	17	280	14	<5	<20	66	0.13	<10	121	<10	9	34
95	1500+ 0950 N	<0.2	1.63	20	95	<5	3.42	1	9	33	55	2.60	<10	0.31	325	<1	0.02	16	380	10	<5	<20	161	0.05	<10	87	<10	5	11

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-565

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	1500+ 1000 N	<0.2	1.57	5	80	<5	0.54	<1	11	30	20	3.37	<10	0.39	419	<1	0.01	15	820	10	<5	<20	31	0.11	<10	98	<10	<1	37
97	1600+ 0050 N	0.2	1.78	5	270	<5	4.50	<1	4	36	79	1.09	10	0.79	136	<1	0.01	18	830	6	15	<20	267	0.02	<10	71	<10	38	35
98	1600+ 0100 N	<0.2	1.89	<5	210	<5	2.29	1	15	36	113	3.13	<10	0.79	1131	<1	0.02	26	550	10	15	<20	196	0.07	<10	100	10	21	25
99	1600+ 0150 N	<0.2	1.79	5	105	<5	0.54	<1	14	37	35	2.83	<10	0.69	429	<1	0.01	19	470	12	<5	<20	53	0.10	<10	77	<10	10	41
100	1600+ 0200 N	<0.2	1.05	<5	55	5	0.50	<1	10	26	19	2.76	<10	0.49	336	<1	0.01	11	130	6	5	<20	40	0.14	<10	91	<10	1	22
101	1600+ 0250 N	<0.2	1.09	<5	65	<5	0.48	<1	10	30	20	3.08	<10	0.41	383	<1	0.01	12	180	10	<5	<20	37	0.13	<10	100	<10	1	32
102	1600+ 0300 N	<0.2	1.04	<5	55	<5	0.45	<1	8	19	16	1.79	<10	0.33	220	<1	0.01	8	200	8	<5	<20	34	0.12	<10	60	<10	2	34
103	1600+ 0350 N	<0.2	1.31	<5	85	5	0.52	<1	12	31	30	3.60	<10	0.44	282	<1	0.01	14	460	8	<5	<20	42	0.13	<10	115	<10	<1	23
104	1600+ 0400 N	<0.2	2.76	10	185	<5	0.71	<1	16	41	78	4.09	<10	0.84	1833	<1	0.02	22	390	18	<5	<20	49	0.11	<10	125	<10	13	70
105	1600+ 0450 N	<0.2	3.64	10	95	10	0.70	<1	13	12	27	3.05	<10	0.61	658	<1	0.01	10	1440	22	10	<20	32	0.14	<10	90	<10	3	57
106	1600+ 0500 N	1.6	1.91	10	225	>5	4.86	1	88	48	187	8.21	<10	2.66	4642	2	0.01	103	400	6	<5	<20	52	0.07	<10	210	<10	84	160
107	1600+ 0550 N	<0.2	1.56	<5	120	>5	0.68	<1	11	25	61	2.84	<10	0.40	1066	<1	0.01	12	230	12	<5	<20	39	0.10	<10	92	<10	18	30
108	1600+ 0600 N	<0.2	1.75	<5	110	>5	0.63	<1	14	31	29	4.16	<10	0.53	366	<1	0.01	17	940	12	<5	<20	45	0.12	<10	127	<10	<1	38
109	1600+ 0650 N	<0.2	2.42	<5	200	>5	0.43	<1	14	41	32	4.39	<10	0.52	492	<1	0.01	17	1550	14	<5	<20	29	0.09	<10	118	<10	<1	91
110	1600+ 0700 N	<0.2	1.88	10	155	5	0.35	<1	13	38	17	3.62	<10	0.49	237	<1	0.01	20	960	12	<5	<20	26	0.10	<10	91	<10	<1	57
111	1600+ 0750 N	<0.2	1.01	<5	100	10	0.50	<1	10	22	15	3.59	<10	0.24	324	<1	0.01	7	300	8	<5	<20	38	0.11	<10	122	<10	<1	32
112	1600+ 0800 N	<0.2	1.73	5	90	<5	0.78	<1	16	41	42	4.10	<10	0.60	461	<1	0.02	19	480	12	5	<20	52	0.13	<10	129	<10	5	32
113	1600+ 0850 N	<0.2	1.95	5	115	5	0.75	<1	16	41	61	4.36	<10	0.74	508	<1	0.02	19	470	12	<5	<20	60	0.14	<10	138	<10	11	31
114	1600+ 0900 N	<0.2	2.93	5	110	10	0.52	<1	13	30	31	3.91	<10	0.55	368	<1	0.01	16	800	20	10	<20	51	0.11	<10	116	<10	<1	44
115	1600+ 0950 N	<0.2	1.89	<5	90	5	0.87	<1	15	29	35	3.74	<10	0.61	477	<1	0.02	17	880	12	<5	<20	55	0.15	<10	118	<10	4	45
116	1600+ 1000 N	<0.2	1.26	<5	65	5	0.54	<1	12	32	23	3.52	<10	0.40	431	<1	0.01	12	380	10	<5	<20	40	0.13	<10	114	<10	<1	30
117	BL1600+00 E	<0.2	1.11	<5	55	>5	0.52	<1	9	29	15	1.93	<10	0.65	239	<1	0.01	15	510	10	5	<20	36	0.11	<10	51	<10	5	28
118	1600+ 0050 S	<0.2	2.73	10	150	>5	0.72	<1	20	54	90	3.82	<10	1.27	821	<1	0.01	28	650	16	10	<20	66	0.12	<10	99	<10	12	51
119	1600+ 0100 S	<0.2	1.06	5	55	>5	0.56	<1	11	34	18	2.82	<10	0.60	291	<1	0.01	14	560	8	<5	<20	42	0.13	<10	80	<10	4	32
120	1600+ 0150 S	<0.2	1.66	5	120	10	0.68	<1	15	43	51	3.81	<10	0.81	532	<1	0.01	25	730	12	5	<20	56	0.12	<10	109	<10	5	30
121	1600+ 0200 S	<0.2	1.41	5	65	5	0.37	<1	11	42	31	2.90	<10	0.64	276	<1	0.01	17	350	10	<5	<20	29	0.10	<10	79	<10	1	36
122	1700+ 0050 N	<0.2	2.14	10	140	>5	0.75	<1	16	53	49	3.63	<10	0.90	579	<1	0.02	30	420	16	15	<20	70	0.11	<10	90	<10	14	46
123	1700+ 0100 N	<0.2	1.30	<5	75	>5	0.61	<1	10	28	25	2.62	<10	0.59	326	<1	0.01	13	450	10	10	<20	51	0.13	<10	83	<10	5	22
124	1700+ 0150 N	<0.2	0.93	<5	50	15	0.44	<1	9	23	12	2.63	<10	0.32	402	<1	0.01	8	250	8	<5	<20	33	0.12	<10	88	<10	2	26
125	1700+ 0200 N	<0.2	1.58	<5	85	5	0.45	<1	14	32	20	3.80	<10	0.42	308	<1	0.01	15	690	12	<5	<20	36	0.13	<10	114	20	<1	26
126	1700+ 0250 N	<0.2	1.29	<5	70	10	0.49	<1	11	25	22	2.80	<10	0.46	405	<1	0.01	12	280	8	<5	<20	41	0.13	<10	90	<10	2	29
127	1700+ 0300 N	<0.2	2.47	5	100	10	0.40	<1	14	34	34	4.23	<10	0.47	296	<1	0.01	18	980	16	<5	<20	34	0.13	<10	131	<10	<1	33
128	1700+ 0350 N	<0.2	1.61	<5	160	5	0.57	<1	13	32	28	3.89	<10	0.47	302	<1	0.01	18	860	10	<5	<20	44	0.12	<10	121	<10	1	28
129	1700+ 0400 N	<0.2	1.90	5	175	>5	0.45	<1	14	28	34	3.69	<10	0.50	309	<1	0.01	19	690	14	<5	<20	47	0.09	<10	109	<10	<1	44
130	1700+ 0450 N	<0.2	1.97	<5	150	10	0.42	<1	14	33	32	3.81	<10	0.55	308	<1	0.01	21	740	14	<5	<20	42	0.10	<10	106	<10	<1	50

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-565

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
131	1700+ 0500 N	<0.2	1.99	60	210	10	0.51	<1	15	9	43	5.67	<10	0.54	503	3	0.01	10	550	10	<5	<20	30	0.03	<10	171	<10	<1	66
132	1700+ 0550 N	<0.2	1.65	135	185	10	0.21	<1	13	9	44	6.80	<10	0.24	291	5	0.01	9	1010	12	<5	<20	12	0.02	<10	197	<10	<1	146
133	1700+ 0600 N	<0.2	1.29	<5	155	<5	0.37	<1	9	29	10	3.97	<10	0.21	383	<1	<0.01	8	500	10	<5	<20	27	0.09	<10	119	<10	<1	66
134	1700+ 0650 N	<0.2	1.38	<5	95	5	0.64	<1	13	31	29	3.76	<10	0.48	347	<1	0.01	15	500	8	<5	<20	48	0.15	<10	124	<10	1	25
135	1700+ 0700 N	<0.2	2.57	<5	125	<5	0.76	<1	19	46	70	4.17	<10	0.97	1009	<1	0.02	21	380	16	<5	<20	57	0.15	<10	128	<10	15	40
136	1700+ 0750 N	<0.2	3.27	10	165	5	0.85	<1	21	28	48	5.64	<10	0.98	559	<1	0.02	17	460	14	<5	<20	63	0.16	<10	176	<10	2	59
137	1700+ 0800 N	<0.2	2.41	15	185	<5	0.92	<1	19	52	132	4.76	<10	0.83	570	<1	0.01	26	450	14	<5	<20	47	0.14	<10	140	<10	18	36
138	1700+ 0850 N	<0.2	1.49	<5	100	10	0.64	<1	13	34	40	3.59	<10	0.46	413	<1	0.01	16	640	10	10	<20	37	0.12	<10	110	<10	4	28
139	1700+ 0900 N	<0.2	1.51	10	120	<5	0.97	<1	14	35	29	3.44	<10	0.48	368	<1	0.01	15	670	12	<5	<20	45	0.13	<10	115	<10	5	28
140	1700+ 0950 N	<0.2	1.53	<5	100	10	0.66	<1	13	31	19	3.45	<10	0.53	465	<1	0.01	13	290	14	5	<20	56	0.19	<10	118	<10	2	41
141	1700+ 1000 N	<0.2	2.37	<5	120	5	0.49	<1	16	47	37	3.74	<10	0.55	319	<1	0.01	27	1480	12	<5	<20	35	0.12	<10	97	<10	2	47
142	BL1700+00 E	<0.2	1.76	<5	125	<5	0.95	<1	15	44	39	3.90	<10	0.92	756	<1	0.02	21	990	8	<5	<20	80	0.14	<10	109	<10	11	30
143	1700+ 0050 S	1.4	5.81	15	750	<5	1.55	<1	28	90	131	5.51	30	1.21	6002	3	0.02	57	1900	16	<5	<20	134	0.07	<10	118	<10	94	69
144	1700+ 0100 S	<0.2	2.15	5	115	5	0.58	<1	15	45	53	3.20	<10	0.97	461	<1	0.01	23	740	8	5	<20	53	0.10	<10	83	<10	5	43
145	1700+ 0200 S	<0.2	1.44	10	85	<5	0.66	<1	13	35	32	3.11	<10	0.66	369	<1	0.01	15	540	8	<5	<20	55	0.12	<10	87	<10	6	28
146	BL1800+00 E	<0.2	1.47	5	80	<5	0.67	<1	13	39	31	2.93	<10	0.72	352	<1	0.02	18	660	8	<5	<20	62	0.12	<10	82	<10	7	28
147	1800+ 0050 S	<0.2	2.30	5	175	<5	1.20	1	13	48	80	3.64	<10	0.77	295	<1	0.02	31	460	12	5	<20	101	0.08	<10	77	<10	5	94
148	1800+ 0100 S	0.6	4.26	15	370	<5	2.04	2	17	65	149	4.60	30	1.09	1050	2	0.02	47	1690	12	5	<20	163	0.04	<10	94	<10	86	67
149	1800+ 0150 S	<0.2	1.81	<5	115	10	1.13	<1	23	35	65	5.12	<10	1.17	735	<1	0.02	23	1680	10	<5	<20	75	0.20	<10	172	<10	16	44
150	1800+ 0200 S	<0.2	2.96	10	190	<5	1.00	<1	23	61	97	4.61	<10	1.11	1013	<1	0.02	39	580	14	<5	<20	85	0.11	<10	104	<10	20	55
151	1900+ 0050 N	<0.2	1.07	<5	60	<5	0.52	<1	9	27	20	2.69	<10	0.45	280	<1	0.01	11	400	6	<5	<20	48	0.13	<10	88	<10	2	20
152	1900+ 0100 N	<0.2	0.95	<5	50	<5	0.43	<1	9	22	17	2.60	<10	0.36	250	<1	0.01	8	200	6	<5	<20	39	0.12	<10	87	<10	<1	20
153	1900+ 0150 N	<0.2	1.58	10	85	5	0.50	<1	16	32	27	4.04	<10	0.59	364	<1	0.02	15	1290	8	<5	<20	40	0.13	<10	122	<10	<1	33
154	1900+ 0200 N	<0.2	1.02	<5	90	<5	0.36	<1	9	28	17	2.94	<10	0.29	273	<1	0.01	10	480	8	<5	<20	36	0.10	<10	94	<10	<1	28
155	1900+ 0250 N	<0.2	1.62	<5	115	<5	0.41	<1	12	45	16	3.30	<10	0.37	401	<1	0.01	19	1010	10	<5	<20	33	0.10	<10	91	<10	<1	44
156	1900+ 0300 N	<0.2	1.22	<5	85	5	0.48	<1	10	31	19	3.69	<10	0.30	303	<1	0.01	10	790	8	<5	<20	38	0.12	<10	115	<10	<1	37
157	1900+ 0350 N	<0.2	1.48	10	110	<5	0.41	<1	12	36	18	3.53	<10	0.39	252	<1	0.01	16	1230	10	<5	<20	31	0.11	<10	98	<10	<1	58
158	1900+ 0400 N	<0.2	0.94	5	195	5	0.68	<1	8	21	9	2.94	<10	0.22	382	<1	<0.01	9	490	6	<5	<20	32	0.06	<10	90	<10	<1	35
159	1900+ 0450 N	<0.2	1.44	15	195	<5	0.41	<1	16	19	43	5.15	<10	0.34	457	1	<0.01	8	1010	8	<5	<20	29	0.07	<10	152	<10	<1	48
160	1900+ 0500 N	<0.2	2.77	15	150	<5	0.42	<1	17	62	39	4.36	<10	0.66	350	<1	<0.01	34	1450	16	<5	<20	31	0.12	<10	113	<10	<1	67
161	1900+ 0550 N	<0.2	2.11	<5	125	<5	0.58	<1	13	26	141	3.97	<10	0.61	664	<1	0.01	10	1110	12	<5	<20	34	0.10	<10	120	<10	<1	50
162	1900+ 0600 N	<0.2	2.09	10	115	<5	0.49	<1	14	38	30	4.10	<10	0.46	539	<1	0.01	16	1170	12	<5	<20	34	0.11	<10	121	<10	<1	41
163	1900+ 0650 N	<0.2	3.86	15	255	<5	0.57	<1	18	40	51	4.77	<10	0.74	753	<1	0.01	31	3540	22	<5	<20	30	0.09	<10	115	<10	<1	92
164	1900+ 0700 N	0.2	2.00	10	200	<5	3.10	<1	8	42	21	4.06	<10	0.27	1548	1	0.01	14	1220	12	<5	<20	48	0.03	<10	96	<10	37	45
165	1900+ 0750 N	<0.2	2.36	10	325	<5	1.65	1	20	39	114	3.23	<10	0.34	1648	2	0.01	27	1520	16	<5	<20	39	0.05	<10	77	<10	14	128

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-565

ECO-TECH LABORATORIES LTD.

El #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn		
166	1900+ 0800 N	<0.2	1.74	15	115	10	0.53	<1	15	34	24	3.97	<10	0.43	426	<1	0.01	17	2080	10	<5	<20	31	0.11	<10	112	<10	<1	45		
167	1900+ 0850 N	<0.2	1.33	10	110	<5	0.37	<1	11	34	14	2.87	<10	0.36	437	<1	0.01	13	830	8	<5	<20	20	0.09	<10	76	<10	<1	53		
168	1900+ 0900 N	<0.2	2.31	10	160	<5	0.95	<1	17	42	87	4.36	<10	0.96	674	<1	0.02	28	980	12	10	<20	94	0.14	<10	120	<10	12	38		
169	1900+ 0950 N	<0.2	1.02	<5	65	<5	0.53	<1	11	31	22	3.32	<10	0.38	257	<1	0.01	12	460	6	<5	<20	40	0.13	<10	109	<10	<1	18		
170	1900+ 1000 N	<0.2	1.59	<5	100	5	0.50	<1	14	27	18	3.64	<10	0.47	575	<1	0.01	12	880	10	<5	<20	40	0.15	<10	115	<10	<1	35		
171	BL1900+00 E	<0.2	2.40	10	155	<5	0.73	<1	15	43	72	3.92	<10	0.81	844	<1	0.02	22	480	14	<5	<20	92	0.11	<10	111	<10	21	34		
172	1900+ 0050 S	0.2	5.41	15	345	<5	1.33	1	26	89	204	6.72	<10	1.81	1098	<1	0.03	76	700	20	5	<20	162	0.13	<10	135	<10	25	81		
173	1900+ 0100 S	0.4	3.36	15	275	<5	2.42	<1	11	55	121	2.34	20	1.01	379	<1	0.02	41	1170	12	15	<20	175	0.04	<10	62	<10	58	55		
174	1900+ 0150 S	<0.2	2.94	5	210	<5	1.10	<1	20	63	147	4.84	<10	1.22	714	<1	0.02	43	750	10	10	<20	100	0.11	<10	113	<10	18	51		
175	1900+ 0200 S	<0.2	1.72	5	120	<5	0.87	<1	17	48	42	3.52	<10	0.88	746	<1	0.02	25	560	10	5	<20	70	0.13	<10	85	<10	3	51		
176	BL2000+00 E	<0.2	0.98	<5	65	<5	0.61	<1	10	26	22	2.96	<10	0.41	344	<1	0.01	10	810	4	<5	<20	57	0.11	<10	100	<10	3	20		
177	2000+ 0050 S	0.4	4.38	25	285	<5	1.18	<1	22	65	171	5.23	10	1.35	1115	<1	0.02	44	640	16	<5	<20	179	0.12	<10	120	<10	40	60		
178	2000+ 0100 S	NO SAMPLE																													
179	2000+ 0150 S	<0.2	0.74	15	145	<5	4.54	1	5	17	107	1.30	<10	0.48	309	<1	0.01	28	750	<2	10	<20	308	<0.01	<10	91	<10	30	6		
180	2000+ 0200 S	<0.2	1.31	10	110	<5	0.65	<1	13	42	35	3.15	<10	0.62	498	<1	0.02	19	440	8	<5	<20	57	0.11	<10	92	<10	5	24		
181	2000+ 0250 S	<0.2	3.18	15	315	<5	1.27	<1	22	63	206	4.95	<10	1.28	1209	<1	0.02	49	700	16	10	<20	107	0.12	<10	126	<10	23	51		
182	2000+ 0300 S	<0.2	1.26	<5	95	5	0.73	<1	14	42	29	3.67	<10	0.67	583	<1	0.02	17	570	8	<5	<20	55	0.12	<10	105	<10	2	31		
183	BL2100+00 E	<0.2	1.01	<5	65	<5	0.57	<1	10	26	21	2.87	<10	0.44	290	<1	0.01	11	610	6	10	<20	55	0.12	<10	96	<10	1	20		
184	2100+ 0050 S	<0.2	2.42	10	170	<5	0.87	<1	18	49	83	3.88	<10	0.94	861	<1	0.02	27	680	12	15	<20	97	0.12	<10	106	<10	27	44		
185	2100+ 0100 S	0.2	3.29	25	290	<5	1.99	<1	16	57	101	4.67	10	1.14	1230	1	0.02	36	1190	10	10	<20	176	0.07	<10	137	<10	40	47		
186	2100+ 0150 S	0.4	3.15	10	330	<5	1.87	<1	25	57	162	4.69	<10	1.28	2688	1	0.02	39	900	12	10	<20	156	0.09	<10	118	<10	15	40		
187	2100+ 0200 S	<0.2	2.08	5	200	<5	1.29	<1	16	51	88	3.77	<10	1.01	535	<1	0.02	28	580	10	5	<20	85	0.10	<10	90	<10	5	54		
188	2100+ 0250 S	<0.2	2.60	15	265	<5	1.29	<1	19	55	135	4.19	<10	1.05	955	<1	0.02	36	690	12	5	<20	89	0.09	<10	101	<10	16	48		
189	2100+ 0300 S	<0.2	3.27	10	235	<5	1.40	<1	19	70	156	4.60	<10	1.17	923	<1	0.02	46	690	14	10	<20	108	0.10	<10	100	<10	21	61		
QC/DATA:																															
Repeat:																															
1	1100+ 050 N	<0.2	1.71	5	105	<5	0.49	<1	15	41	25	4.02	<10	0.59	335	<1	0.01	28	1140	10	<5	<20	38	0.12	<10	111	<10	<1	51		
10	1100+ 500 N	<0.2	1.87	<5	95	<5	0.51	<1	16	41	42	3.79	<10	0.69	315	<1	0.01	23	770	10	<5	<20	39	0.12	<10	110	<10	<1	40		
19	1200+ 150 N	<0.2	1.23	<5	80	<5	0.62	<1	13	35	30	3.70	<10	0.55	323	<1	0.01	16	710	8	<5	<20	48	0.13	<10	116	<10	2	23		
28	1200+ 600 N	<0.2	1.22	10	100	10	0.52	<1	12	42	18	4.58	<10	0.38	657	<1	0.01	12	830	10	<5	<20	41	0.10	<10	121	<10	<1	50		
36	1200+ 1000 N	<0.2	1.66	15	165	10	0.50	<1	12	32	18	3.85	<10	0.36	339	<1	0.01	15	1390	10	10	<20	28	0.10	<10	112	<10	<1	50		
45	1300+ 0450 N	<0.2	1.15	<5	60	<5	0.42	<1	12	33	15	3.57	<10	0.40	288	<1	0.01	14	610	6	<5	<20	34	0.14	<10	109	<10	<1	30		
54	1300+ 0900 N	<0.2	2.84	35	205	<5	0.56	<1	14	35	40	4.17	<10	0.36	294	3	0.01	24	3210	16	<5	<20	23	0.05	<10	98	<10	<1	62		
63	1400+ 0350 N	<0.2	1.45	<5	90	5	0.38	<1	13	33	24	3.14	<10	0.48	353	<1	0.01	14	680	10	<5	<20	36	0.11	<10	88	<10	2	46		
71	1400+ 0750 N	<0.2	2.67	5	130	10	0.40	<1	17	35	28	4.21	<10	0.64	322	<1	0.01	22	1650	14	<5	<20	27	0.10	<10	109	<10	<1	83		
80	1500+ 0200 N	<0.2	1.79	5	115	5	0.85	<1	15	43	42	3.31	<10	0.92	599	<1	0.02	21	700	12	5	<20	70	0.12	<10	89	<10	14	34		

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-565

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																													
<i>Repeat:</i>																													
89	1500+ 0650 N	<0.2	1.74	10	125	5	0.51	<1	12	28	24	3.57	<10	0.45	315	<1	0.01	15	1090	12	<5	<20	39	0.09	<10	104	<10	<1	50
98	1600+ 0100 N	<0.2	1.87	15	205	<5	2.29	<1	15	36	113	3.10	<10	0.79	1159	<1	0.02	26	540	10	10	<20	197	0.07	<10	99	<10	21	25
106	1600+ 0500 N	0.4	1.89	25	225	<5	4.86	<1	90	49	189	8.28	<10	2.67	4722	2	0.01	104	420	6	<5	<20	46	0.06	<10	209	<10	87	155
115	1600+ 0950 N	<0.2	1.84	<5	95	5	0.82	<1	14	28	34	3.60	<10	0.59	445	<1	0.01	15	860	10	<5	<20	54	0.14	<10	113	<10	4	43
124	1700+ 0150 N	<0.2	0.91	<5	60	5	0.42	<1	9	22	12	2.68	<10	0.32	402	<1	0.01	8	250	8	<5	<20	37	0.12	<10	88	<10	<1	27
133	1700+ 0600 N	<0.2	1.26	<5	155	5	0.36	<1	9	29	10	4.04	<10	0.21	386	<1	<0.01	8	520	10	<5	<20	26	0.08	<10	121	<10	<1	65
141	1700+ 1000 N	<0.2	2.36	10	115	<5	0.45	<1	16	47	37	3.70	<10	0.54	312	<1	0.01	28	1480	12	<5	<20	31	0.11	<10	96	<10	<1	46
150	1800+ 0200 S	<0.2	2.77	15	180	<5	0.96	<1	22	61	91	4.46	<10	1.07	1043	<1	0.02	38	570	16	<5	<20	78	0.10	<10	99	<10	20	54
159	1900+ 0450 N	<0.2	1.40	15	190	10	0.40	<1	16	19	43	5.04	<10	0.33	452	2	<0.01	8	1040	6	<5	<20	26	0.06	<10	148	<10	<1	47
168	1900+ 0900 N	<0.2	2.30	15	180	<5	0.93	<1	17	43	88	4.35	<10	0.96	675	<1	0.02	27	940	12	10	<20	94	0.13	<10	118	<10	12	37
176	BL2000+00 E	<0.2	1.00	<5	65	5	0.62	<1	10	25	23	2.98	<10	0.42	350	<1	0.01	10	830	6	<5	<20	57	0.11	<10	101	<10	3	20
185	2100+ 0100 S	<0.2	3.24	20	275	<5	1.93	<1	16	56	98	4.59	10	1.11	1174	2	0.02	35	1170	12	10	<20	166	0.08	<10	135	<10	38	47
Standard:																													
GEO'97		1.2	1.73	60	150	<5	1.67	<1	18	57	76	3.72	<10	1.02	647	<1	0.02	26	640	22	10	<20	59	0.14	<10	76	<10	6	68
GEO'97		1.4	1.77	65	145	<5	1.62	<1	17	62	77	3.76	<10	1.00	668	<1	0.02	24	630	18	10	<20	56	0.12	<10	72	<10	7	71
GEO'97		1.6	1.74	65	155	<5	1.70	<1	18	57	80	3.76	<10	1.04	662	<1	0.02	26	620	20	10	<20	62	0.13	<10	75	<10	6	70
GEO'97		1.4	1.79	60	165	<5	1.78	<1	19	59	82	3.93	<10	1.08	683	<1	0.02	27	660	24	15	<20	62	0.13	<10	78	<10	7	69
GEO'97		1.4	1.77	65	150	<5	1.81	<1	18	62	81	3.89	<10	1.03	668	<1	0.02	22	680	18	15	<20	60	0.12	<10	77	<10	5	68
GEO'97		1.2	1.80	65	155	<5	1.86	<1	18	66	81	3.90	<10	1.05	665	<1	0.02	24	680	18	5	<20	61	0.13	<10	78	<10	5	62

dl/565a/565
 XLS/97Big Valley
 fax: 243-2335
 cc: fax: 257-3650 stu tennant


 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 97-565

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

14-Jul-97

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 189
Sample type: 189
PROJECT #: LLOYD NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Post-It™ Fax Note	7671E	Date	July 14	# of pages	7
To	Stu Tennant		From		
Co./Dept.			Co.		
Phone #			Phone #		
Fax #			Fax #		

ET #.	Tag #		Hg (ppb)
1	1100+ 050	N	45
2	1100+ 100	N	35
3	1100+ 150	N	35
4	1100+ 200	N	25
5	1100+ 250	N	30
6	1100+ 300	N	60
7	1100+ 350	N	130
8	1100+ 400	N	55
9	1100+ 450	N	20
10	1100+ 500	N	25
11	1100+ 550	N	40
12	1100+ 600	N	45
13	1100+ 650	N	20
14	1100+ 700	N	100
15	1100+ 750	N	65
16	1100+ 800	N	155
17	1200+ 050	N	40
18	1200+ 100	N	20
19	1200+ 150	N	35
20	1200+ 200	N	80
21	1200+ 250	N	45
22	1200+ 300	N	20
23	1200+ 350	N	50
24	1200+ 400	N	40
25	1200+ 450	N	45
26	1200+ 500	N	50
27	1200+ 550	N	40

14-Jul-97

ET #.	Tag #	Hg (ppb)
28	1200+ 600 N	40
29	1200+ 650 N	75
30	1200+ 700 N	90
31	1200+ 750 N	30
32	1200+ 800 N	40
33	1200+ 850 N	50
34	1200+ 900 N	60
35	1200+ 950 N	35
36	1200+ 1000 N	45
37	1300+ 050 N	30
38	1300+ 100 N	20
39	1300+ 150 N	45
40	1300+ 200 N	35
41	1300+ 250 N	35
42	1300+ 300 N	80
43	1300+ 350 N	90
44	1300+ 400 N	40
45	1300+ 450 N	25
46	1300+ 500 N	40
47	1300+ 550 N	35
48	1300+ 600 N	25
49	1300+ 650 N	35
50	1300+ 700 N	35
51	1300+ 750 N	70
52	1300+ 800 N	40
53	1300+ 850 N	40
54	1300+ 900 N	60
55	1300+ 950 N	35
56	1300+ 1000 N	30
57	1400+ 0050 N	45
58	1400+ 0100 N	50
59	1400+ 0150 N	35
60	1400+ 0200 N	75
61	1400+ 0250 N	120
62	1400+ 0300 N	85
63	1400+ 0350 N	25
64	1400+ 0400 N	30
65	1400+ 0450 N	45
66	1400+ 0500 N	45
67	1400+ 0550 N	50

BIG VALLEY RESOURCES AK 97 - 565

14-Jul-97

ET #.	Tag #	Hg (ppb)
68	1400+ 0600 N	30
69	1400+ 0650 N	65
70	1400+ 0700 N	70
71	1400+ 0750 N	80
72	1400+ 0800 N	45
73	1400+ 0850 N	60
74	1400+ 0900 N	30
75	1400+ 0950 N	195
76	1400+ 1000 N	55
77	1500+ 0050 N	40
78	1500+ 0100 N	40
79	1500+ 0150 N	60
80	1500+ 0200 N	90
81	1500+ 0250 N	50
82	1500+ 0300 N	40
83	1500+ 0350 N	30
84	1500+ 0400 N	30
85	1500+ 0450 N	60
86	1500+ 0500 N	30
87	1500+ 0550 N	30
88	1500+ 0600 N	50
89	1500+ 0650 N	60
90	1500+ 0700 N	760
91	1500+ 0750 N	45
92	1500+ 0800 N	40
93	1500+ 0850 N	110
94	1500+ 0900 N	95
95	1500+ 0950 N	80
96	1500+ 1000 N	30
97	1600+ 0050 N	210
98	1600+ 0100 N	200
99	1600+ 0150 N	55
100	1600+ 0200 N	25
101	1600+ 0250 N	25
102	1600+ 0300 N	15
103	1600+ 0350 N	25
104	1600+ 0400 N	50
105	1600+ 0450 N	75
106	1600+ 0500 N	660
107	1600+ 0550 N	80

BIG VALLEY RESOURCES AK 97 - 565

14-Jul-97

ET #.	Tag #	Hg (ppb)
108	1600+ 0600 N	40
109	1600+ 0650 N	55
110	1600+ 0700 N	30
111	1600+ 0750 N	20
112	1600+ 0800 N	45
113	1600+ 0850 N	110
114	1600+ 0900 N	45
115	1600+ 0950 N	50
116	1600+ 1000 N	10
117	BL1600+00 E	40
118	1600+ 0050 S	70
119	1600+ 0100 S	55
120	1600+ 0150 S	85
121	1600+ 0200 S	35
122	1700+ 0050 N	60
123	1700+ 0100 N	45
124	1700+ 0150 N	30
125	1700+ 0200 N	30
126	1700+ 0250 N	30
127	1700+ 0300 N	50
128	1700+ 0350 N	40
129	1700+ 0400 N	295
130	1700+ 0450 N	60
131	1700+ 0500 N	75
132	1700+ 0550 N	25
133	1700+ 0600 N	20
134	1700+ 0650 N	20
135	1700+ 0700 N	50
136	1700+ 0750 N	25
137	1700+ 0800 N	270
138	1700+ 0850 N	90
139	1700+ 0900 N	560
140	1700+ 0950 N	35
141	1700+ 1000 N	35
142	BL1700+00 E	50
143	1700+ 0050 S	520
144	1700+ 0100 S	90
145	1700+ 0200 S	35
146	BL1800+00 E	60
147	1800+ 0050 S	55

BIG VALLEY RESOURCES AK 97 - 565

14-Jul-97

ET #.	Tag #	Hg (ppb)
148	1800+ 0100 S	520
149	1800+ 0150 S	80
150	1800+ 0200 S	135
151	1900+ 0050 N	35
152	1900+ 0100 N	20
153	1900+ 0150 N	30
154	1900+ 0200 N	30
155	1900+ 0250 N	50
156	1900+ 0300 N	30
157	1900+ 0350 N	50
158	1900+ 0400 N	53
159	1900+ 0450 N	45
160	1900+ 0500 N	45
161	1900+ 0550 N	35
162	1900+ 0600 N	40
163	1900+ 0650 N	65
164	1900+ 0700 N	125
165	1900+ 0750 N	70
166	1900+ 0800 N	40
167	1900+ 0850 N	20
168	1900+ 0900 N	135
169	1900+ 0950 N	25
170	1900+ 1000 N	45
171	BL1900+00 E	70
172	1900+ 0050 S	140
173	1900+ 0100 S	270
174	1900+ 0150 S	110
175	1900+ 0200 S	30
176	BL2000+00 E	85
177	2000+ 0050 S	115
178	2000+ 0100 S	no sample
179	2000+ 0150 S	195
180	2000+ 0200 S	55
181	2000+ 0250 S	95
182	2000+ 0300 S	20
183	BL2100+00 E	10
184	2100+ 0050 S	100
185	2100+ 0100 S	280
186	2100+ 0150 S	145
187	2100+ 0200 S	65

IG VALLEY RESOURCES AK 97 - 565

14-Jul-97

ET #.	Tag #	Hg (ppb)
188	2100+ 0250 S	90
189	2100+ 0300 S	110

QC/DATA:

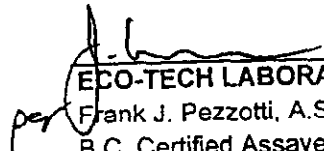
Repeat:

1	1100+ 050 N	65
9	1100+ 450 N	40
20	1200+ 200 N	60
36	1200+ 1000 N	45
45	1300+ 450 N	25
54	1300+ 900 N	65
71	1400+ 0750 N	65
80	1500+ 0200 N	80
89	1500+ 0650 N	60
106	1600+ 0500 N	660
115	1600+ 0950 N	30
124	1700+ 0150 N	15
141	1700+ 1000 N	50
150	1800+ 0200 S	175
159	1900+ 0450 N	45
176	BL2000+00 E	85

14-Jul-97

BIG VALLEY RESOURCES AK 97 - 565

ET #.	Tag #	Hg (ppb)
Standard:		
GEO'97		70
GEO'97		74
SO ₂		74
SO ₂		79
SO ₂		78
SO ₂		20
SO ₃		16
SO ₃		14
SO ₃		30
SO ₄		28
SO ₄		36

per 
ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

df/565a/565
 XLS/97Big Valley
 fax: 243-2335
 cc: fax: 257-3650 stu tennant

7-Jul-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97-572

Morehead South Grid

Post-it Fax Note	7671E	Date	July 7	# of pages	1
To	Stu Tennant	From			
Co./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			

BIG VALLEY RESOURCES
BOX 4210
WILLIAMS LAKE, B.C.
V2G 2V2

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 91
Sample type: SOIL
PROJECT #: LLOYD-NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	BL1300E	<0.2	1.22	<5	75	5	0.64	<1	12	38	26	3.39	<10	0.59	379	<1	0.01	15	740	6	<5	<20	54	0.13	<10	105	<10	6	35
2	1300+ 0050 S	<0.2	1.24	10	65	<5	0.57	<1	11	35	35	2.99	<10	0.63	298	<1	0.01	15	650	6	<5	<20	44	0.12	<10	87	<10	7	37
3	1300+ 0100 S	<0.2	1.64	<5	115	10	0.55	<1	16	48	27	4.21	<10	0.55	363	<1	0.01	24	1370	10	5	<20	42	0.12	<10	119	<10	3	81
4	1300+ 0150 S	<0.2	2.64	10	175	<5	0.57	<1	12	48	67	3.21	<10	0.72	209	<1	0.01	27	760	16	5	<20	52	0.10	<10	78	<10	15	50
5	1300+ 0200 S	<0.2	1.42	<5	80	<5	0.59	<1	13	41	30	3.10	<10	0.76	397	<1	0.01	19	630	4	<5	<20	51	0.12	<10	89	<10	7	40
6	1300+ 0250 S	<0.2	1.45	<5	80	5	0.65	<1	14	43	40	3.41	<10	0.73	330	<1	0.01	18	600	4	5	<20	55	0.14	<10	107	<10	7	41
7	1300+ 0300 S	<0.2	1.55	<5	85	<5	0.51	<1	16	47	32	4.08	<10	0.60	300	<1	0.01	22	780	10	<5	<20	43	0.13	<10	118	<10	4	43
8	1300+ 0350 S	<0.2	1.17	<5	80	5	0.57	<1	13	41	27	3.59	<10	0.55	300	<1	0.01	18	510	6	<5	<20	48	0.13	<10	109	<10	6	42
9	1300+ 0400 S	<0.2	1.32	5	75	<5	0.74	<1	12	41	39	3.06	<10	0.68	329	<1	0.01	17	1030	8	10	<20	59	0.14	<10	97	<10	10	35
10	1300+ 0450 S	<0.2	1.51	<5	105	10	0.55	<1	15	53	30	4.00	<10	0.61	301	<1	0.01	22	870	4	<5	<20	41	0.13	<10	118	<10	3	42
11	1300+ 0500 S	<0.2	1.03	5	75	<5	0.39	<1	10	38	11	3.74	<10	0.24	260	<1	<0.01	10	880	8	<5	<20	34	0.10	<10	109	<10	<1	33
12	1400+ 000 S	<0.2	1.65	5	95	<5	0.59	<1	16	48	40	3.74	<10	0.86	431	<1	0.01	22	760	8	10	<20	47	0.16	<10	114	<10	6	56
13	1400+ 050 S	<0.2	1.40	<5	85	<5	0.70	<1	14	48	33	3.57	<10	0.91	464	<1	0.01	22	740	8	10	<20	52	0.15	<10	107	<10	8	42
14	1400+ 100 S	<0.2	1.38	<5	75	<5	0.56	<1	11	37	30	3.06	<10	0.59	318	<1	0.01	18	580	8	5	<20	48	0.11	<10	91	<10	8	36
15	1400+ 150 S	<0.2	1.30	<5	95	5	0.58	<1	13	35	20	3.49	<10	0.55	311	<1	0.01	15	910	8	5	<20	50	0.12	<10	104	<10	4	42
16	1400+ 200 S	<0.2	1.52	<5	140	10	0.55	<1	15	39	23	3.76	<10	0.73	1466	<1	0.01	15	610	8	<5	<20	42	0.13	<10	115	<10	2	61
17	1400+ 250 S	<0.2	1.48	<5	90	<5	0.60	<1	19	56	31	4.42	<10	1.01	316	<1	0.01	22	680	10	<5	<20	56	0.14	<10	125	<10	4	38
18	1400+ 300 S	<0.2	1.44	5	95	<5	0.41	<1	11	40	17	3.22	<10	0.38	307	<1	0.01	17	1100	10	<5	<20	34	0.11	<10	88	<10	4	54
19	1400+ 350 S	<0.2	1.56	<5	105	<5	0.50	<1	15	53	43	3.61	<10	0.73	297	<1	0.01	25	720	10	<5	<20	39	0.14	<10	103	<10	5	49
20	1400+ 400 S	<0.2	1.54	<5	115	<5	0.57	<1	17	56	38	4.51	<10	0.76	310	<1	0.01	27	910	6	<5	<20	46	0.13	<10	128	<10	2	37
21	1400+ 450 S	<0.2	1.93	<5	95	10	0.45	<1	17	45	19	4.25	<10	0.87	326	<1	0.01	22	1350	10	5	<20	34	0.14	<10	112	10	<1	50
22	1400+ 500 S	<0.2	1.49	<5	120	10	0.43	<1	14	37	14	3.84	<10	0.58	486	<1	0.01	14	640	6	<5	<20	35	0.13	<10	112	<10	<1	64
23	1500+ 000 E	<0.2	1.22	<5	85	5	0.60	<1	13	42	25	3.43	<10	0.62	333	<1	0.01	20	650	4	10	<20	46	0.12	<10	103	<10	4	39
24	1500+ 0050 S	<0.2	1.78	10	90	5	0.47	<1	14	41	45	3.44	<10	0.89	461	<1	0.01	21	440	10	10	<20	39	0.11	<10	103	<10	3	46
25	1500+ 100 S	<0.2	1.34	5	85	<5	0.75	<1	13	39	33	3.40	<10	0.74	419	<1	0.01	19	1010	8	<5	<20	60	0.13	<10	101	<10	8	40

07/07/97 16:48 250 573 4557 ECO TECH KAM. STU TENNANT 001

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-572

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
26	1500+ 150 S	<0.2	1.29	<5	80	<5	0.68	<1	14	45	30	3.80	<10	0.71	374	<1	0.01	21	930	6	5	<20	55	0.12	<10	111	<10	5	40
27	1500+ 200 S	<0.2	1.32	5	80	<5	0.64	<1	12	39	32	3.28	<10	0.62	504	<1	0.01	19	780	6	5	<20	50	0.12	<10	97	<10	8	41
28	1500+ 250 S	<0.2	1.55	5	95	<5	0.52	<1	16	46	29	4.04	<10	0.56	434	<1	0.01	20	980	10	>5	<20	47	0.12	<10	114	<10	3	59
29	1500+ 300 S	<0.2	1.73	<5	105	10	0.60	<1	15	42	29	4.08	<10	0.60	306	<1	0.01	22	1280	10	>5	<20	43	0.12	<10	113	<10	2	59
30	1500+ 350 S	<0.2	1.74	<5	100	10	0.50	<1	14	43	24	4.09	<10	0.55	410	<1	0.01	17	1450	10	>5	<20	41	0.12	<10	115	<10	1	53
31	1500+ 400 S	<0.2	1.54	<5	95	10	0.47	<1	15	37	18	3.79	<10	0.40	282	<1	0.01	18	1000	6	>5	<20	42	0.11	<10	108	<10	<1	51
32	1500+ 450 S	<0.2	1.86	<5	95	5	0.58	<1	16	48	41	4.48	<10	0.70	336	<1	0.01	22	950	8	>5	<20	46	0.13	<10	132	<10	2	50
33	1500+ 500 S	<0.2	1.66	10	95	<5	0.58	<1	15	47	36	4.35	<10	0.64	313	<1	0.01	21	1010	8	5	<20	47	0.13	<10	125	<10	2	51
34	1800+ 100 S	<0.2	1.09	<5	60	10	0.55	<1	10	30	19	3.21	<10	0.40	278	<1	0.01	13	640	6	>5	<20	47	0.12	<10	105	<10	4	31
35	1800+ 050 N	<0.2	1.20	5	75	5	0.75	<1	11	30	23	2.90	<10	0.54	334	<1	0.01	14	1030	8	>5	<20	66	0.13	<10	95	<10	11	30
36	1800+ 150 N	<0.2	1.10	<5	80	5	0.63	<1	11	32	26	3.59	<10	0.41	310	<1	0.01	15	650	4	>5	<20	57	0.12	<10	118	<10	5	27
37	1800+ 200 N	<0.2	1.32	<5	130	5	0.57	<1	13	33	23	3.90	<10	0.41	313	<1	0.01	16	660	6	>5	<20	50	0.13	<10	125	<10	4	30
38	1800+ 250 N	<0.2	1.79	<5	150	<5	0.57	<1	13	36	31	4.01	<10	0.48	322	<1	0.01	19	990	8	>5	<20	51	0.12	<10	120	<10	3	43
39	1800+ 300 N	<0.2	1.43	5	120	<5	0.46	<1	12	36	28	3.52	<10	0.37	319	<1	0.01	16	440	8	>5	<20	48	0.10	<10	113	<10	6	42
40	1800+ 350 N	<0.2	2.06	<5	150	5	0.51	<1	15	34	31	4.11	<10	0.48	754	<1	0.01	21	1770	12	>5	<20	46	0.10	<10	121	<10	2	95
41	1800+ 400 N	<0.2	1.71	<5	110	<5	0.43	<1	12	39	26	2.92	<10	0.59	296	<1	0.01	22	230	8	5	<20	55	0.09	<10	87	<10	9	37
42	1800+ 450 N	<0.2	2.28	10	150	<5	0.33	<1	17	50	25	3.96	<10	0.54	281	<1	0.01	34	680	10	>5	<20	31	0.11	<10	104	<10	<1	56
43	1800+ 500 N	<0.2	2.76	20	260	5	0.50	<1	17	35	63	5.30	<10	0.72	502	2	0.01	22	1640	8	>5	<20	38	0.05	<10	154	<10	<1	115
44	1800+ 550 N	<0.2	1.37	<5	85	<5	0.24	<1	9	17	29	3.63	<10	0.21	241	2	<0.01	7	580	4	>5	<20	20	0.04	<10	126	<10	<1	51
45	1800+ 600 N	<0.2	1.92	5	205	<5	0.66	<1	14	39	37	4.33	<10	0.54	402	<1	0.01	21	1360	10	>5	<20	45	0.14	<10	131	<10	4	46
46	1800+ 650 N	<0.2	0.99	<5	80	10	0.57	<1	10	27	12	3.41	<10	0.27	338	<1	0.01	9	550	6	>5	<20	42	0.15	<10	115	<10	3	40
47	1800+ 700 N	<0.2	2.17	<5	95	10	1.50	<1	20	34	44	4.71	<10	1.23	602	<1	0.02	16	1270	10	5	<20	31	0.25	<10	155	<10	21	91
48	1800+ 750 N	<0.2	1.72	<5	140	<5	0.56	<1	13	36	19	3.92	<10	0.43	393	<1	0.01	17	1630	8	>5	<20	40	0.11	<10	112	<10	<1	61
49	1800+ 800 N	<0.2	2.15	20	145	<5	1.02	<1	22	48	96	4.64	<10	0.85	766	<1	0.02	28	780	12	5	<20	62	0.14	<10	137	<10	23	48
50	1800+ 850 N	<0.2	1.95	10	150	<5	1.04	<1	18	49	54	4.39	<10	0.59	905	<1	0.01	22	860	10	5	<20	50	0.13	<10	135	<10	13	50
51	1800+ 900 N	<0.2	2.05	<5	150	<5	0.81	<1	18	46	63	4.49	<10	0.78	593	<1	0.01	22	860	12	5	<20	67	0.18	<10	146	<10	6	49
52	1800+ 950 N	<0.2	2.47	15	105	10	0.47	<1	18	93	34	3.85	<10	0.92	290	<1	0.01	58	840	12	>5	<20	32	0.12	<10	101	<10	1	47
53	1800+ 1000 N	<0.2	2.12	10	110	10	0.63	<1	15	40	25	4.03	<10	0.59	505	<1	0.01	22	840	10	>5	<20	70	0.14	<10	122	<10	3	44
54	2000+ 0050 N	<0.2	1.17	<5	80	<5	0.71	<1	10	28	23	3.09	<10	0.46	361	<1	0.01	12	980	6	5	<20	67	0.12	<10	106	<10	7	26
55	2000+ 0100 N	<0.2	1.15	<5	75	<5	0.51	<1	10	32	20	3.25	<10	0.42	268	<1	0.01	13	590	6	>5	<20	52	0.12	<10	109	<10	4	30
56	2000+ 0150 N	<0.2	1.21	<5	75	<5	0.57	<1	11	33	20	3.13	<10	0.44	335	<1	0.01	15	460	4	>5	<20	53	0.13	<10	106	<10	4	31
57	2000+ 0200 N	<0.2	1.37	<5	85	5	0.57	<1	13	35	22	3.93	<10	0.38	291	<1	0.01	14	780	8	>5	<20	54	0.13	<10	126	<10	2	33
58	2000+ 0250 N	<0.2	2.54	10	165	5	0.28	<1	18	55	23	4.08	<10	0.50	305	<1	0.01	38	1680	8	>5	<20	23	0.11	<10	99	<10	<1	63
59	2000+ 0300 N	<0.2	2.20	5	210	10	0.64	<1	16	54	38	4.64	<10	0.56	376	<1	0.01	28	1110	10	>5	<20	47	0.12	<10	133	<10	12	61
60	2000+ 0400 N	<0.2	2.34	<5	365	20	0.62	1	46	51	30	>10	<10	0.36	1498	7	<0.01	73	1720	6	>5	<20	42	0.09	<10	275	<10	10	193

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-572

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	2000+ 0450 N	<0.2	1.47	<5	115	5	0.36	<1	13	91	15	3.97	<10	0.47	569	<1	0.01	26	850	6	<5	<20	31	0.12	<10	105	<10	<1	70
62	2000+ 0500 N	<0.2	1.34	5	90	<5	0.49	<1	13	53	22	3.29	<10	0.55	380	<1	0.01	21	650	6	<5	<20	36	0.12	<10	97	<10	3	53
63	2000+ 0550 N	<0.2	1.20	<5	90	<5	0.63	<1	12	38	26	3.85	<10	0.47	323	<1	0.01	14	760	4	<5	<20	51	0.13	<10	130	10	6	31
64	2000+ 0600 N	<0.2	1.55	<5	105	10	0.51	<1	11	35	20	3.73	<10	0.34	295	<1	0.01	13	1180	8	<5	<20	45	0.12	<10	116	20	5	35
65	2000+ 0650 N	<0.2	1.72	<5	145	<5	0.57	<1	14	38	25	4.04	10	0.46	305	<1	0.01	17	810	6	<5	<20	45	0.12	<10	129	<10	4	37
66	2000+ 0700 N	<0.2	4.13	15	235	<5	0.86	<1	21	53	50	4.96	<10	0.50	449	<1	0.01	38	3540	16	<5	<20	48	0.08	<10	127	<10	<1	116
67	2000+ 0750 N	<0.2	1.73	<5	110	<5	0.64	<1	13	38	26	3.47	<10	0.49	394	<1	0.01	22	490	10	<5	<20	45	0.12	<10	108	<10	3	49
68	2000+ 0800 N	<0.2	1.82	10	165	<5	0.80	<1	15	42	42	3.67	<10	0.55	641	<1	0.01	23	710	10	10	<20	45	0.11	<10	102	<10	12	54
69	2000+ 0850 N	<0.2	1.25	<5	75	<5	0.78	<1	11	30	22	2.65	<10	0.49	388	<1	0.01	13	1000	6	<5	<20	58	0.14	<10	88	<10	13	29
70	2000+ 0900 N	<0.2	1.71	<5	125	10	0.79	<1	15	37	51	3.81	<10	0.64	617	<1	0.02	20	880	8	<5	<20	70	0.13	<10	116	<10	12	41
71	2000+ 0950 N	<0.2	1.42	<5	90	<5	0.76	<1	<1	27	27	3.46	<10	0.50	580	<1	0.02	13	450	<2	<5	<20	60	0.15	<10	114	<10	<1	39
72	2000+ 1000 N	<0.2	2.34	10	135	<5	1.53	<1	19	26	75	4.58	<10	1.09	937	<1	0.06	19	1060	6	5	<20	134	0.18	<10	153	<10	16	54
73	2100+ 0050 N	<0.2	1.10	<5	60	5	0.57	<1	10	25	20	2.97	<10	0.39	319	<1	0.01	11	400	6	<5	<20	56	0.12	<10	103	<10	4	30
74	2100+ 0100 N	<0.2	1.61	<5	95	<5	0.53	<1	14	43	24	3.91	<10	0.52	330	<1	0.01	22	580	8	<5	<20	54	0.10	<10	120	<10	2	49
75	2100+ 0150 N	<0.2	2.32	15	285	<5	0.65	<1	15	47	43	3.95	10	0.72	396	<1	0.02	29	480	14	15	<20	55	0.11	<10	110	<10	24	40
76	2100+ 0200 N	<0.2	1.40	<5	110	5	0.62	<1	12	32	26	3.49	<10	0.59	405	<1	0.01	15	540	6	<5	<20	54	0.14	<10	116	<10	6	45
77	2100+ 0250 N	<0.2	1.25	<5	125	<5	0.60	<1	11	28	15	3.33	<10	0.29	332	<1	0.01	10	590	8	<5	<20	46	0.11	<10	107	<10	2	44
78	2100+ 0300 N	<0.2	1.70	10	165	5	0.59	<1	15	55	31	4.39	<10	0.54	330	<1	0.01	25	640	8	<5	<20	49	0.12	<10	136	20	2	40
79	2100+ 0350 N	<0.2	1.82	<5	180	<5	0.46	<1	16	74	31	4.03	<10	0.66	306	<1	0.01	30	1040	4	<5	<20	38	0.12	<10	117	<10	<1	37
80	2100+ 0400 N	<0.2	1.73	<5	175	15	0.67	<1	15	46	27	4.13	<10	0.51	324	<1	0.01	22	1330	6	<5	<20	49	0.12	<10	128	<10	4	42
81	2100+ 0450 N	<0.2	1.30	<5	80	<5	0.76	<1	12	36	24	3.34	<10	0.51	382	<1	0.01	15	890	6	<5	<20	60	0.14	<10	114	<10	7	29
82	2100+ 0500 N	<0.2	1.17	<5	85	10	0.69	<1	13	34	20	3.64	<10	0.43	346	<1	0.01	15	770	8	<5	<20	55	0.13	<10	122	<10	5	30
83	2100+ 0550 N	<0.2	2.95	10	165	10	0.44	<1	19	56	23	4.52	<10	0.55	282	<1	0.01	33	2170	8	<5	<20	35	0.10	<10	108	<10	1	86
84	2100+ 0600 N	<0.2	1.60	<5	105	<5	0.71	<1	13	40	30	3.74	<10	0.49	483	<1	0.01	21	390	8	<5	<20	43	0.13	<10	113	<10	10	52
85	2100+ 0650 N	<0.2	1.13	5	70	5	0.62	<1	10	33	16	3.00	<10	0.46	294	<1	0.01	15	700	6	<5	<20	48	0.13	<10	99	10	6	35
86	2100+ 0700 N	<0.2	1.22	5	90	<5	0.37	<1	11	42	20	2.73	<10	0.42	300	<1	0.01	15	330	10	<5	<20	30	0.09	<10	78	<10	7	48
87	2100+ 0800 N	<0.2	1.17	<5	75	<5	0.59	2	9	25	16	2.74	<10	0.34	382	6	0.01	16	310	6	50	<20	43	0.07	<10	94	<10	4	35
88	2100+ 0850 N	<0.2	1.58	10	75	<5	0.44	<1	11	27	13	3.85	<10	0.33	396	<1	0.01	13	760	10	<5	<20	32	0.12	<10	122	<10	<1	39
89	2100+ 0900 N	<0.2	1.71	5	95	<5	0.47	<1	12	29	16	3.70	<10	0.33	534	<1	0.01	12	810	10	<5	<20	37	0.12	<10	116	<10	1	47
90	2100+ 0950 N	<0.2	1.39	10	105	5	0.54	<1	12	30	20	3.84	<10	0.37	569	<1	0.01	11	920	8	<5	<20	42	0.12	<10	121	<10	2	65
91	2100+ 1000 N	<0.2	1.17	<5	80	<5	0.68	<1	10	20	22	2.81	<10	0.38	349	<1	0.01	10	480	8	<5	<20	55	0.13	<10	94	<10	7	45

01/07/97 16:50 0200 3/3 453/ ECO TECH KAM. STU THANNANT 003


BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-572

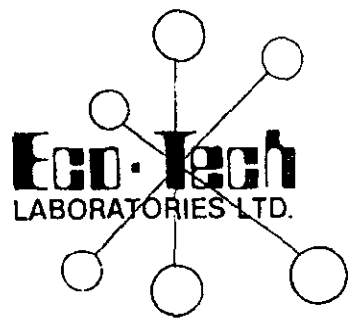
ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																													
<i>Repeat:</i>																													
1	BL1300E	<0.2	1.24	10	70	<5	0.64	<1	12	37	26	3.40	<10	0.59	378	<1	0.01	14	770	8	<5	<20	52	0.14	<10	105	<10	7	35
10	1300+ 0450 S	<0.2	1.51	<5	105	5	0.56	<1	16	55	29	4.07	<10	0.61	316	<1	0.01	23	880	8	5	<20	41	0.14	<10	120	<10	4	44
19	1400+ 0350 S	<0.2	1.55	5	90	<5	0.52	<1	16	52	43	3.59	<10	0.73	299	<1	0.01	23	740	12	<5	<20	33	0.14	<10	103	30	8	53
28	1500+ 250 S	<0.2	1.56	<5	95	5	0.54	<1	16	45	29	4.05	<10	0.56	437	<1	0.01	20	990	8	<5	<20	49	0.13	<10	116	<10	3	53
36	1800+ 150 N	<0.2	1.09	<5	80	10	0.64	<1	11	32	25	3.68	<10	0.40	311	<1	0.01	15	670	6	<5	<20	59	0.13	<10	120	<10	5	27
45	1800+ 600 N	<0.2	2.01	5	205	10	0.70	<1	15	42	38	4.50	<10	0.56	420	<1	0.01	24	1420	10	<5	<20	47	0.15	<10	137	10	5	49
54	2000+ 0050 N	<0.2	1.28	<5	85	5	0.74	<1	11	31	25	3.23	<10	0.49	387	<1	0.01	14	1000	4	5	<20	72	0.13	<10	113	<10	10	28
63	2000+ 0550 N	<0.2	1.15	<5	85	10	0.64	<1	12	38	25	3.78	<10	0.44	315	<1	0.01	15	740	8	<5	<20	49	0.13	<10	126	<10	7	31
71	2000+ 0950 N	<0.2	1.36	<5	90	5	0.71	<1	12	26	25	3.23	<10	0.47	547	<1	0.01	12	500	6	<5	<20	53	0.14	<10	107	<10	7	41
80	2100+ 0400 N	<0.2	1.69	<5	180	10	0.65	<1	14	45	27	4.12	<10	0.50	314	<1	0.01	21	1330	6	<5	<20	47	0.11	<10	128	<10	2	41
89	2100+ 0900 N	<0.2	1.66	5	85	5	0.46	<1	12	29	16	3.73	<10	0.32	519	<1	0.01	12	790	10	<5	<20	36	0.12	<10	117	<10	2	49
<i>Standard:</i>																													
GEO'97		1.4	1.86	65	165	<5	1.72	<1	19	63	78	4.08	<10	1.02	690	<1	0.02	28	610	20	15	<20	69	0.13	<10	85	<10	10	71
GEO'97		1.4	1.89	65	170	<5	1.81	<1	20	64	83	4.09	<10	1.07	720	<1	0.02	29	630	22	15	<20	70	0.14	<10	83	<10	12	72
GEO'97		1.4	1.95	80	170	<5	1.84	<1	19	65	85	4.14	<10	1.10	729	<1	0.03	29	630	20	15	<20	72	0.13	<10	86	<10	11	73

dl/572B
 XLS/97Big Valley
 fax: 243-2335
 cc: fax: 257-3650 stu tennant


 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

17/97 16:51 250 4557 ECO TECH KAM 11/11/97



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 97-572

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

11-Jul-97

ATTENTION: LLOYD TATTERSALL/STU TENNANT

*No. of samples received: 91
Sample type: SOIL
PROJECT #: LLOYD-NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY*

ET #.	Tag #	Hg (ppb)
1	BL1300E	55
2	1300+ 0050 S	55
3	1300+ 0100 S	40
4	1300+ 0150 S	70
5	1300+ 0200 S	45
6	1300+ 0250 S	50
7	1300+ 0300 S	30
8	1300+ 0350 S	20
9	1300+ 0400 S	40
10	1300+ 0450 S	60
11	1300+ 0500 S	20
12	1400+ 000 S	40
13	1400+ 050 S	30
14	1400+ 100 S	40
15	1400+ 150 S	45
16	1400+ 200 S	30
17	1400+ 250 S	20
18	1400+ 300 S	20
19	1400+ 350 S	45
20	1400+ 400 S	40
21	1400+ 450 S	45
22	1400+ 500 S	30
23	1500+ 000 E	60
24	1500+ 0050 S	45

BIG VALLEY RESOURCES AK 97-572

11-Jul-97

ET #.	Tag #	Hg (ppb)
25	1500+ 100 S	55
26	1500+ 150 S	35
27	1500+ 200 S	50
28	1500+ 250 S	70
29	1500+ 300 S	40
30	1500+ 350 S	30
31	1500+ 400 S	30
32	1500+ 450 S	30
33	1500+ 500 S	40
34	1800+ 100 S	25
35	1800+ 050 N	40
36	1800+ 150 N	55
37	1800+ 200 N	35
38	1800+ 250 N	40
39	1800+ 300 N	40
40	1800+ 350 N	55
41	1800+ 400 N	80
42	1800+ 450 N	50
43	1800+ 500 N	50
44	1800+ 550 N	35
45	1800+ 600 N	45
46	1800+ 650 N	20
47	1800+ 700 N	40
48	1800+ 750 N	40
49	1800+ 800 N	185
50	1800+ 850 N	280
51	1800+ 900 N	65
52	1800+ 950 N	30
53	1800+ 1000 N	35
54	2000+ 0050 N	40
55	2000+ 0100 N	25
56	2000+ 0150 N	30
57	2000+ 0200 N	25
58	2000+ 0250 N	85
59	2000+ 0300 N	95
60	2000+ 0400 N	400
61	2000+ 0450 N	50
62	2000+ 0500 N	30
63	2000+ 0550 N	50
64	2000+ 0600 N	45
65	2000+ 0650 N	40

BIG VALLEY RESOURCES AK 97-572

11-Jul-97

ET #.	Tag #	Hg (ppb)
66	2000+ 0700 N	80
67	2000+ 0750 N	35
68	2000+ 0800 N	85
69	2000+ 0850 N	40
70	2000+ 0900 N	100
71	2000+ 0950 N	30
72	2000+ 1000 N	70
73	2100+ 0050 N	35
74	2100+ 0100 N	35
75	2100+ 0150 N	260
76	2100+ 0200 N	25
77	2100+ 0250 N	30
78	2100+ 0300 N	45
79	2100+ 0350 N	40
80	2100+ 0400 N	20
81	2100+ 0450 N	30
82	2100+ 0500 N	15
83	2100+ 0550 N	60
84	2100+ 0600 N	30
85	2100+ 0650 N	20
86	2100+ 0700 N	20
87	2100+ 0800 N	30
88	2100+ 0850 N	15
89	2100+ 0900 N	20
90	2100+ 0950 N	20
91	2100+ 1000 N	40

QC DATA:**Repeat:**

1	BL1300E	35
10	1300+ 0450 S	40
19	1400+ 0350 S	30
36	1800+ 150 N	40
45	1800+ 600 N	35
54	2000+ 0050 N	35
71	2000+ 0950 N	35
80	2100+ 0400 N	30

Standard:

SO-2	70
SO-3	11

XLS/97Big Valley
 fax: 243-2335
 cc: fax: 257-3650 stu tennent


 ECO-TECH LABORATORIES LTD.

per Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

19-Aug-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

Morehead South Project. (Fill-in samples)

ICP CERTIFICATE OF ANALYSIS AK 97- 846

BIG VALLEY RESOURCES
BOX 4210
WILLIAMS LAKE, B.C.
V2G 2V2

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 249
Sample type: Soil
PROJECT #: Not given
SHIPMENT #: Not given
Samples submitted by: Not given

Post-it Fax Note	7671E	Date	Aug 19	# of pages	9
To	Stu Tennant	From			
Co/Dept.		Co	Au Added		
Phone #		Phone #			
Fax #		Fax #			

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L13+00E 5+25N	10	<0.2	1.80	5	165	<5	0.50	<1	14	38	26	3.94	<10	0.51	354	<1	<0.01	20	1470	12	<5	<20	39	0.12	<10	108	<10	2	59
2	L13+00E 5+75N	<5	<0.2	1.69	<5	125	<5	0.47	<1	13	33	25	4.12	<10	0.38	430	<1	<0.01	15	1670	14	<5	<20	38	0.11	<10	114	<10	<1	64
3	L13+00E 6+25N	10	<0.2	1.56	10	110	5	0.65	<1	13	30	40	3.51	<10	0.49	408	<1	0.01	13	1040	14	<5	<20	54	0.12	<10	108	10	15	36
4	L13+00E 6+75N	<5	<0.2	1.86	5	115	5	0.59	<1	14	33	32	3.89	<10	0.43	340	<1	<0.01	18	1330	14	<5	<20	41	0.11	<10	111	<10	3	62
5	L13+00E 7+25N	10	<0.2	2.47	10	130	<5	0.53	<1	18	39	53	4.69	<10	0.50	310	<1	<0.01	19	1290	14	<5	<20	39	0.12	<10	142	<10	2	39
6	L13+00E 7+75N	<5	<0.2	1.79	<5	135	<5	0.45	<1	11	32	24	3.32	<10	0.40	373	<1	<0.01	14	1840	14	<5	<20	37	0.11	<10	78	<10	11	80
7	L13+00E 8+25N	<5	<0.2	1.52	10	85	<5	0.59	<1	14	34	33	4.00	<10	0.41	297	<1	<0.01	16	950	10	<5	<20	39	0.12	<10	124	<10	4	35
8	L13+00E 8+75N	20	<0.2	1.38	10	115	10	0.37	<1	12	43	23	4.29	<10	0.27	329	<1	<0.01	14	670	10	<5	<20	22	0.10	<10	133	<10	<1	59
9	L13+00E 9+25N	<5	<0.2	1.34	<5	95	5	0.55	<1	14	33	31	4.79	<10	0.32	323	2	<0.01	14	500	10	<5	<20	32	0.09	<10	141	<10	<1	45
10	L13+50E 5+00N	<5	<0.2	1.52	<5	110	<5	0.53	<1	14	36	31	3.97	<10	0.45	365	<1	<0.01	17	860	10	<5	<20	39	0.13	<10	119	<10	4	43
11	L13+50E 5+25N	<5	<0.2	0.94	<5	105	<5	0.46	<1	10	28	17	3.44	<10	0.21	645	<1	<0.01	8	470	8	<5	<20	39	0.12	<10	103	<10	<1	41
12	L13+50E 5+50N	15	<0.2	1.84	5	135	<5	0.50	<1	17	36	66	4.33	<10	0.50	342	<1	<0.01	20	880	12	<5	<20	35	0.11	<10	131	<10	4	45
13	L13+50E 5+75N	10	<0.2	1.35	5	110	5	0.56	<1	14	32	30	3.78	<10	0.42	481	<1	<0.01	15	1160	10	<5	<20	45	0.12	<10	114	<10	5	35
14	L13+50E 6+00N	<5	<0.2	1.30	10	75	5	0.55	<1	13	32	28	3.70	<10	0.42	382	<1	<0.01	14	940	12	<5	<20	40	0.13	<10	115	<10	5	40
15	L13+50E 6+25N	20	<0.2	1.27	5	85	<5	0.55	4	11	29	26	3.54	<10	0.42	447	1	<0.01	28	620	8	5	<20	50	0.04	<10	114	<10	3	35
16	L13+50E 6+50N	10	<0.2	1.85	10	115	<5	0.51	5	14	31	41	4.00	<10	0.48	390	2	<0.01	32	1380	12	<5	<20	41	0.04	<10	122	<10	1	48
17	L13+50E 6+75N	<5	<0.2	1.45	<5	100	<5	0.56	5	14	32	33	3.93	<10	0.42	343	1	0.01	29	830	8	<5	<20	52	0.04	<10	125	<10	2	35
18	L13+50E 7+00N	<5	<0.2	2.62	10	130	<5	0.76	5	19	37	25	4.08	<10	0.27	424	1	<0.01	37	3070	16	<5	<20	40	0.02	<10	116	<10	<1	121
19	L13+50E 7+25N	15	<0.2	1.44	5	125	<5	0.63	5	13	34	46	4.07	<10	0.48	361	1	0.01	29	740	8	<5	<20	58	0.04	<10	131	<10	14	30
20	L13+50E 7+50N	<5	<0.2	2.37	10	125	<5	0.31	4	18	30	37	3.73	<10	0.28	257	<1	<0.01	39	1550	14	<5	<20	30	0.03	<10	92	<10	<1	106
21	L13+50E 7+75N	<5	<0.2	1.97	5	105	<5	0.49	5	14	33	36	4.17	<10	0.44	283	<1	<0.01	34	1300	12	5	<20	45	0.03	<10	125	<10	<1	50
22	L13+50E 8+00N	10	<0.2	1.54	<5	125	<5	0.80	5	13	29	32	3.59	<10	0.52	398	<1	0.01	29	770	10	5	<20	48	0.03	<10	109	<10	<1	52
23	L13+50E 8+25N	20	<0.2	1.57	10	135	<5	0.67	5	13	34	39	4.11	<10	0.38	547	<1	<0.01	30	1360	10	<5	<20	45	0.03	<10	127	<10	4	54
24	L13+50E 8+50N	<5	<0.2	1.44	<5	140	<5	0.51	5	12	31	24	4.00	<10	0.31	456	<1	<0.01	27	1430	12	<5	<20	35	0.04	<10	122	<10	<1	45
25	L13+50E 8+75N	10	<0.2	2.03	5	155	<5	0.46	5	15	31	25	4.28	<10	0.33	339	<1	<0.01	31	2970	14	5	<20	36	0.03	<10	117	<10	<1	66

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ECO TECH KAM.

STU TENNANT

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BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97- 846

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	L13+50E 9+00N	<5	<0.2	3.38	10	405	5	2.52	1	11	55	27	5.86	<10	0.27	1252	3	<0.01	18	3160	20	<5	<20	53	0.04	<10	137	<10	49	148
27	L13+50E 9+25N	10	<0.2	2.26	15	160	5	0.65	<1	16	34	36	4.54	<10	0.53	341	<1	<0.01	16	1320	14	<5	<20	34	0.09	<10	133	<10	<1	52
28	L13+50E 9+50N	10	<0.2	1.98	10	150	5	0.42	<1	14	35	24	4.28	<10	0.41	295	<1	<0.01	17	2130	14	<5	<20	29	0.09	<10	116	<10	<1	71
29	L13+50E 9+75N	<5	<0.2	1.92	10	130	<5	0.63	<1	14	29	44	4.06	<10	0.44	450	<1	<0.01	14	1100	12	<5	<20	39	0.10	<10	125	<10	<1	53
30	L13+50E 10+00N	<5	0.4	2.51	35	220	<5	2.98	<1	27	42	392	4.21	10	0.19	1340	15	<0.01	33	2050	26	<5	<20	40	0.01	<10	91	<10	66	161
31	L14+00E 5+25N	<5	<0.2	2.21	30	175	5	0.71	<1	31	72	81	7.13	<10	1.34	493	<1	<0.01	36	1180	12	<5	<20	14	0.12	<10	199	20	<1	85
32	L14+00E 5+75N	<5	<0.2	1.38	<5	100	5	0.69	<1	14	33	43	3.72	<10	0.51	486	<1	0.01	14	920	12	<5	<20	57	0.14	<10	116	<10	12	32
33	L14+00E 6+25N	<5	<0.2	1.33	<5	100	<5	0.48	<1	11	30	26	3.51	<10	0.32	469	<1	<0.01	12	990	12	<5	<20	39	0.11	<10	108	<10	5	39
34	L14+00E 6+75N	<5	<0.2	1.51	<5	110	<5	0.73	<1	15	32	44	3.98	<10	0.60	490	<1	0.01	14	930	12	<5	<20	57	0.14	<10	130	<10	14	34
35	L14+00E 7+25N	<5	<0.2	2.04	10	130	<5	1.12	<1	14	38	28	4.12	<10	0.43	389	<1	<0.01	17	3330	16	<5	<20	85	0.10	<10	110	10	<1	60
36	L14+00E 7+75N	<5	<0.2	2.95	20	195	<5	0.44	<1	15	20	45	4.88	<10	0.48	389	2	0.02	13	1570	12	<5	<20	38	0.05	<10	145	<10	<1	74
37	L14+00E 8+25N	<5	<0.2	2.14	10	110	<5	0.48	<1	16	36	58	4.28	<10	0.45	322	1	<0.01	18	1370	16	<5	<20	36	0.11	<10	126	<10	9	49
38	L14+00E 8+75N	<5	<0.2	2.08	<5	155	10	0.47	<1	17	46	45	4.48	<10	0.51	629	<1	<0.01	24	1120	14	<5	<20	34	0.11	<10	130	<10	<1	88
39	L14+00E 9+25N	<5	<0.2	1.67	5	85	<5	0.52	<1	14	28	38	4.02	<10	0.38	292	<1	<0.01	12	640	12	<5	<20	39	0.11	<10	131	<10	4	36
40	L14+00E 9+75N	<5	<0.2	2.76	20	315	<5	1.55	2	25	38	36	4.11	<10	0.30	1822	10	0.01	31	3500	26	<5	<20	45	0.05	<10	90	<10	52	294
41	L14+50E 5+00N	<5	<0.2	1.66	10	175	5	0.45	<1	22	63	118	6.92	<10	0.70	356	2	<0.01	23	1260	10	<5	<20	35	0.11	<10	179	<10	<1	83
42	L14+50E 5+25N	<5	<0.2	1.31	35	175	10	0.45	<1	22	63	40	7.70	<10	0.40	657	2	<0.01	21	1020	14	<5	<20	33	0.11	<10	214	<10	<1	70
43	L14+50E 5+50N	10	<0.2	1.31	10	95	<5	0.63	<1	13	32	36	3.68	<10	0.44	344	<1	0.01	14	850	10	<5	<20	48	0.14	<10	114	<10	13	32
44	L14+50E 5+75N	15	<0.2	0.98	<5	80	<5	0.47	<1	11	28	15	3.46	<10	0.22	471	<1	<0.01	10	610	10	<5	<20	41	0.12	<10	110	<10	1	32
45	L14+50E 6+00N	10	<0.2	1.23	<5	90	<5	0.51	<1	11	27	24	3.46	<10	0.32	431	<1	<0.01	10	820	10	<5	<20	47	0.13	<10	111	<10	1	35
46	L14+50E 6+25N	15	<0.2	1.51	<5	95	5	0.53	<1	13	30	30	3.65	<10	0.36	397	<1	<0.01	11	680	12	<5	<20	47	0.12	<10	115	10	5	38
47	L14+50E 6+50N	<5	<0.2	1.93	<5	130	<5	0.52	<1	14	32	31	4.04	<10	0.43	360	<1	<0.01	16	990	12	<5	<20	45	0.13	<10	122	<10	<1	49
48	L14+50E 6+75N	<5	<0.2	1.63	10	90	<5	0.54	<1	13	31	24	3.77	<10	0.33	288	<1	<0.01	11	1280	12	<5	<20	44	0.12	<10	110	<10	2	54
49	L14+50E 7+00N	<5	0.2	2.48	5	230	5	0.86	<1	14	38	46	3.60	<10	0.25	693	<1	<0.01	20	3610	20	<5	<20	38	0.04	<10	67	<10	21	197
50	L14+50E 7+25N	<5	<0.2	1.31	<5	115	<5	0.56	<1	11	25	18	3.60	<10	0.26	624	<1	<0.01	11	870	12	<5	<20	39	0.10	<10	110	<10	<1	48
51	L14+50E 7+50N	25	<0.2	1.86	<5	125	<5	0.62	<1	16	33	49	4.46	<10	0.49	336	<1	<0.01	15	1030	14	<5	<20	48	0.09	<10	136	<10	<1	45
52	L14+50E 7+75N	<5	<0.2	2.23	10	155	<5	0.47	<1	15	36	41	4.19	<10	0.48	319	<1	<0.01	24	1600	14	<5	<20	31	0.09	<10	115	<10	<1	67
53	L14+50E 8+00N	<5	<0.2	2.47	10	155	<5	0.49	<1	17	35	42	4.55	<10	0.41	342	2	<0.01	19	1470	16	<5	<20	32	0.09	<10	132	<10	<1	60
54	L14+50E 8+25N	<5	<0.2	1.86	10	130	5	0.48	<1	15	36	24	4.21	<10	0.42	531	<1	<0.01	16	1100	18	<5	<20	34	0.11	<10	124	<10	<1	85
55	L14+50E 8+50N	<5	<0.2	1.82	10	135	5	0.50	<1	17	41	51	4.68	<10	0.44	556	2	<0.01	20	890	12	<5	<20	36	0.10	<10	147	<10	<1	68
56	L14+50E 8+75N	<5	<0.2	1.90	<5	130	5	0.59	<1	15	34	55	4.31	<10	0.46	359	<1	<0.01	16	1110	10	<5	<20	49	0.12	<10	137	<10	2	36
57	L14+50E 9+00N	<5	<0.2	2.29	5	210	<5	1.38	1	19	34	58	4.08	<10	0.35	1586	<1	0.01	21	1250	16	<5	<20	53	0.10	<10	117	<10	33	126
58	L14+50E 9+25N	10	<0.2	1.98	5	160	<5	0.44	<1	12	30	30	3.77	<10	0.34	454	<1	<0.01	14	2070	14	<5	<20	34	0.09	<10	107	<10	<1	86
59	L14+50E 9+50N	10	<0.2	2.16	5	120	5	0.48	<1	17	52	43	5.99	<10	0.45	536	<1	<0.01	19	2110	14	<5	<20	32	0.14	<10	188	10	<1	74
60	L14+50E 9+75N	<5	<0.2	2.27	10	170	<5	0.46	<1	14	35	33	3.85	<10	0.46	349	<1	<0.01	23	1430	14	<5	<20	33	0.11	<10	107	<10	1	63

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97- 846

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	L14+50E 10+00N	<5	<0.2	2.87	5	230	<5	1.05	<1	21	73	66	5.44	<10	0.75	864	<1	0.01	32	760	16	<5	<20	52	0.16	<10	183	<10	19	65
62	L14+50E 10+25N	<5	<0.2	1.28	10	80	<5	0.54	<1	11	31	35	2.88	<10	0.49	285	<1	<0.01	16	690	10	<5	<20	41	0.11	<10	92	<10	8	30
63	L15+00E 0+75S	<5	<0.2	1.69	<5	100	<5	0.48	<1	14	40	30	3.68	<10	0.48	269	<1	<0.01	17	1470	12	<5	<20	39	0.12	<10	101	<10	2	58
64	L15+00E 100+25S	<5	<0.2	1.62	<5	95	10	0.70	<1	19	47	47	3.76	<10	0.95	560	<1	0.01	22	760	12	<5	<20	53	0.14	<10	108	<10	11	48
65	L15+00E 100+75S	<5	<0.2	1.40	5	100	5	0.59	<1	14	43	38	3.78	<10	0.60	273	<1	<0.01	19	1170	10	<5	<20	50	0.12	<10	108	<10	5	39
66	L15+00E 200+25S	<5	<0.2	1.06	5	75	5	0.60	<1	12	35	26	3.36	<10	0.50	290	<1	<0.01	14	770	8	<5	<20	47	0.13	<10	102	10	10	28
67	L15+00E 200+75S	<5	<0.2	1.48	<5	125	5	0.53	<1	12	35	24	3.57	<10	0.40	322	<1	<0.01	14	1690	12	<5	<20	52	0.12	<10	97	<10	2	53
68	L15+00E 300+25S	<5	<0.2	1.81	10	95	5	0.45	<1	15	39	24	3.84	<10	0.43	237	<1	<0.01	18	1160	12	<5	<20	38	0.12	<10	107	<10	1	46
69	L15+00E 300+75S	<5	<0.2	1.80	5	100	<5	0.50	<1	15	41	45	3.95	<10	0.56	293	<1	<0.01	19	1190	12	<5	<20	42	0.12	<10	110	<10	<1	48
70	L15+00E 400+25S	<5	<0.2	1.07	<5	65	5	0.58	<1	11	33	29	3.27	<10	0.44	245	<1	<0.01	12	570	8	<5	<20	46	0.14	<10	104	10	9	27
71	L15+00E 400+75S	<5	<0.2	1.30	<5	95	5	0.64	<1	12	36	29	3.72	<10	0.48	330	<1	0.01	12	720	8	<5	<20	59	0.16	<10	113	<10	2	39
72	L15+00E 5+25N	<5	<0.2	1.81	15	210	<5	0.83	<1	21	47	82	5.61	<10	0.44	750	<1	0.01	22	1300	12	<5	<20	51	0.12	<10	180	<10	14	70
73	L15+00E 5+75N	<5	<0.2	1.90	10	150	<5	0.69	<1	15	33	45	4.07	<10	0.47	625	<1	0.01	14	1400	16	<5	<20	54	0.14	<10	124	<10	7	56
74	L15+00E 6+25N	<5	<0.2	2.10	<5	125	5	0.48	<1	15	33	28	4.49	<10	0.32	450	<1	<0.01	13	2480	14	<5	<20	39	0.13	<10	133	<10	<1	72
75	L15+00E 6+75N	<5	<0.2	1.56	5	140	5	0.88	<1	15	33	36	4.16	<10	0.50	508	<1	0.02	13	600	12	<5	<20	62	0.17	<10	131	<10	13	42
76	L15+00E 7+25N	<5	<0.2	1.31	<5	130	5	0.44	<1	12	32	16	3.70	<10	0.27	327	<1	<0.01	9	1450	10	<5	<20	38	0.11	<10	108	<10	<1	72
77	L15+00E 7+75N	<5	<0.2	2.50	10	205	<5	0.50	<1	19	37	54	4.95	<10	0.50	611	2	<0.01	23	1850	16	<5	<20	33	0.07	<10	134	<10	<1	92
78	L15+00E 8+25N	<5	<0.2	1.83	20	170	<5	3.88	<1	40	88	68	6.47	<10	0.29	1042	4	<0.01	26	1920	12	<5	<20	58	0.04	<10	173	<10	58	81
79	L15+00E 8+75N	<5	<0.2	2.15	10	225	10	0.77	<1	18	45	56	5.28	<10	0.54	779	<1	0.01	19	1430	16	<5	<20	50	0.13	<10	164	<10	7	73
80	L15+00E 9+25N	<5	<0.2	2.23	5	225	<5	1.39	<1	13	39	33	4.14	<10	0.47	279	<1	0.01	15	290	14	<5	<20	72	0.12	<10	122	<10	4	45
81	L15+00E 9+75N	<5	<0.2	1.82	5	105	10	0.78	<1	15	37	40	4.32	<10	0.51	403	<1	0.01	16	1030	12	<5	<20	55	0.15	<10	134	<10	7	35
82	L15+50E 5+00N	<5	<0.2	1.60	5	120	<5	0.58	<1	14	33	29	4.15	<10	0.40	309	<1	0.01	15	980	10	<5	<20	51	0.14	<10	131	<10	<1	38
83	L15+50E 5+25N	<5	<0.2	1.78	10	180	5	0.60	<1	15	33	41	4.28	<10	0.39	834	<1	0.01	13	1600	12	<5	<20	44	0.14	<10	132	<10	1	87
84	L15+50E 5+50N	<5	<0.2	1.46	<5	130	5	0.58	<1	13	36	26	3.71	<10	0.46	633	<1	0.01	14	830	12	<5	<20	51	0.13	<10	115	<10	2	56
85	L15+50E 5+75N	<5	<0.2	3.06	10	190	<5	0.72	<1	18	25	66	4.80	<10	0.84	474	<1	0.01	10	960	18	<5	<20	69	0.06	<10	149	<10	<1	65
86	L15+50E 6+00N	<5	<0.2	2.00	<5	110	<5	0.55	<1	13	31	26	4.32	<10	0.40	293	<1	<0.01	11	1560	16	<5	<20	38	0.13	<10	126	<10	<1	58
87	L15+50E 6+25N	10	<0.2	3.63	15	410	<5	0.88	<1	36	60	114	6.27	<10	2.28	713	<1	0.03	50	950	24	10	<20	30	0.22	<10	211	<10	<1	64
88	L15+50E 6+50N	<5	<0.2	2.33	20	295	<5	1.23	<1	35	110	329	7.11	<10	0.82	1976	2	0.02	40	1340	14	<5	<20	50	0.10	<10	224	<10	55	68
89	L15+50E 6+75N	<5	<0.2	1.27	5	175	5	0.43	<1	10	23	19	3.42	<10	0.29	1164	<1	0.01	7	950	10	<5	<20	34	0.11	<10	106	<10	<1	94
90	L15+50E 7+00N	<5	<0.2	2.15	10	235	<5	0.92	<1	15	35	60	4.32	<10	0.60	1014	<1	0.01	17	1100	14	<5	<20	61	0.09	<10	130	<10	10	83
91	L15+50E 7+25N	NO SAMPLE																												
92	L15+50E 7+50N	45	<0.2	1.77	15	160	5	0.88	<1	14	35	61	4.34	<10	0.43	485	<1	0.01	13	1090	14	<5	<20	59	0.13	<10	137	10	23	48
93	L15+50E 7+75N	<5	<0.2	2.01	10	245	5	0.93	<1	14	37	55	4.27	<10	0.51	383	<1	0.02	16	410	16	<5	<20	72	0.13	<10	130	<10	30	43
94	L15+50E 8+00N	<5	<0.2	3.40	15	450	<5	1.72	<1	17	51	248	4.38	<10	0.81	963	<1	0.02	33	850	26	5	<20	112	0.09	<10	112	10	81	63
95	L15+50E 8+25N	<5	<0.2	2.73	10	325	<5	1.25	<1	21	50	75	5.49	<10	0.86	1178	<1	0.03	23	940	20	<5	<20	85	0.14	<10	159	<10	19	67

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97- 846

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	L15+50E 8+50N	<5	<0.2	1.89	10	270	<5	1.48	<1	16	37	58	4.47	<10	0.58	1060	<1	0.02	17	1040	14	<5	<20	90	0.11	<10	138	<10	14	74
97	L15+50E 8+75N	<5	<0.2	2.74	10	330	<5	1.48	<1	18	44	82	4.90	<10	0.64	460	<1	0.01	24	880	16	5	<20	99	0.10	<10	145	<10	14	46
98	L15+50E 9+00N	<5	<0.2	2.21	10	150	<5	0.72	<1	17	38	42	4.47	<10	0.55	436	<1	0.01	19	1820	16	<5	<20	55	0.15	<10	133	<10	7	60
99	L15+50E 9+25N	<5	<0.2	1.85	<5	80	10	0.54	<1	14	30	24	4.09	<10	0.39	428	<1	0.01	11	1390	14	<5	<20	34	0.15	<10	124	<10	<1	53
100	L15+50E 9+50N	<5	<0.2	1.49	5	80	5	0.57	<1	13	32	19	3.52	<10	0.33	340	<1	0.01	13	940	12	<5	<20	35	0.13	<10	104	<10	<1	50
101	L15+50E 9+75N	<5	<0.2	2.21	<5	95	10	0.49	<1	14	37	21	3.87	<10	0.36	353	<1	<0.01	16	1960	16	<5	<20	32	0.12	<10	104	<10	<1	70
102	L15+50E 10+00N	<5	<0.2	1.98	10	145	<5	1.09	<1	17	43	74	4.63	<10	0.71	609	<1	0.02	21	1080	16	<5	<20	79	0.15	<10	137	<10	30	42
103	L16+00N 0+25N	<5	<0.2	1.88	5	105	<5	0.61	<1	14	44	46	2.99	<10	0.82	398	<1	0.01	20	680	14	10	<20	55	0.13	<10	78	<10	17	55
104	L16+00N 0+75N	<5	<0.2	1.35	<5	70	5	0.59	<1	12	35	28	2.77	<10	0.65	373	<1	0.01	14	990	12	5	<20	47	0.12	<10	81	<10	16	40
105	L16+00N 1+25N	<5	<0.2	1.15	<5	70	5	0.52	<1	10	30	24	2.56	<10	0.44	261	<1	0.01	11	540	10	<5	<20	47	0.11	<10	76	<10	12	30
106	L16+00N 1+75N	<5	<0.2	2.37	<5	145	<5	0.52	<1	19	55	71	4.58	<10	0.79	1147	<1	0.01	28	790	14	5	<20	50	0.11	<10	123	<10	8	72
107	L16+00N 2+25N	<5	<0.2	1.84	<5	165	5	0.56	<1	16	50	31	4.57	<10	0.64	360	<1	<0.01	20	1530	14	<5	<20	48	0.13	<10	122	<10	<1	64
108	L16+00N 2+50S	<5	<0.2	3.17	10	200	<5	0.58	<1	22	56	268	5.13	<10	0.89	664	<1	0.01	36	3780	20	5	<20	50	0.12	<10	124	10	<1	94
109	L16+00N 2+75S	<5	<0.2	2.85	10	165	10	0.48	<1	20	54	36	5.26	<10	0.66	332	<1	<0.01	22	3720	20	<5	<20	37	0.13	<10	122	<10	<1	69
110	L16+00N 3+00S	5	<0.2	2.23	<5	140	10	0.51	<1	20	54	52	5.04	<10	0.81	330	<1	0.01	28	1480	14	<5	<20	40	0.13	<10	141	<10	<1	47
111	L16+00N 3+25S	<5	<0.2	1.44	<5	90	5	0.42	<1	11	35	17	3.48	<10	0.29	250	<1	<0.01	12	1060	14	<5	<20	38	0.12	<10	99	<10	<1	48
112	L16+00N 3+50S	<5	<0.2	1.49	<5	70	<5	0.42	<1	13	40	22	3.73	<10	0.42	234	<1	<0.01	15	930	12	<5	<20	33	0.11	<10	102	<10	<1	45
113	L16+00N 3+75S	5	<0.2	1.46	<5	75	5	0.41	<1	12	42	20	3.17	<10	0.43	227	<1	0.01	18	900	16	<5	<20	35	0.09	<10	80	<10	1	46
114	L16+00N 4+00S	<5	<0.2	1.15	<5	80	5	0.46	<1	11	39	18	3.33	<10	0.37	230	<1	<0.01	13	900	14	<5	<20	36	0.12	<10	94	<10	3	34
115	L16+00N 4+25S	<5	<0.2	1.27	5	95	<5	0.61	<1	11	34	26	3.48	<10	0.43	348	<1	0.01	12	930	10	<5	<20	48	0.13	<10	102	<10	6	40
116	L16+00N 4+50S	<5	<0.2	1.97	10	95	<5	0.55	<1	18	46	39	4.61	<10	0.53	268	<1	0.01	21	1250	14	<5	<20	46	0.14	<10	133	<10	1	51
117	L16+00N 4+75S	<5	<0.2	1.25	5	80	<5	0.70	<1	12	37	29	3.41	<10	0.54	333	<1	0.01	16	1120	12	5	<20	57	0.13	<10	103	<10	13	29
118	L16+00N 5+00S	<5	<0.2	1.32	<5	70	5	0.51	<1	13	37	25	3.68	<10	0.51	253	<1	<0.01	16	960	10	<5	<20	40	0.13	<10	105	<10	5	40
119	L16+00N 5+25S	<5	<0.2	1.46	<5	165	10	0.69	<1	13	28	29	3.93	<10	0.35	906	<1	0.01	12	860	12	<5	<20	42	0.13	<10	125	<10	2	56
120	L16+00N 5+75S	<5	<0.2	1.49	<5	95	5	0.53	<1	13	39	30	3.94	<10	0.45	432	<1	<0.01	17	1010	12	<5	<20	41	0.12	<10	122	<10	3	47
121	L16+00N 6+25S	<5	<0.2	1.36	<5	130	10	0.72	<1	13	30	34	3.85	<10	0.41	588	<1	0.01	11	920	12	<5	<20	49	0.13	<10	119	<10	11	48
122	L16+00N 6+75N	<5	<0.2	1.11	<5	100	10	0.29	<1	8	25	13	2.89	<10	0.26	446	<1	<0.01	6	520	10	<5	<20	22	0.08	<10	85	<10	<1	61
123	L16+00N 7+25N	<5	<0.2	2.94	20	255	<5	0.48	<1	18	31	53	5.33	<10	0.60	412	2	<0.01	19	2900	16	<5	<20	41	0.05	<10	137	<10	<1	101
124	L16+00N 7+75N	<5	<0.2	1.51	<5	160	<5	1.05	<1	14	31	48	3.67	<10	0.47	627	<1	0.01	13	830	12	<5	<20	77	0.12	<10	113	10	20	42
125	L16+00N 8+25N	<5	<0.2	1.81	10	110	10	0.87	<1	14	33	35	3.77	<10	0.48	738	<1	0.01	13	730	14	<5	<20	53	0.12	<10	115	<10	6	46
126	L16+00N 8+75N	<5	<0.2	2.10	<5	95	5	0.63	<1	13	22	31	4.33	<10	0.51	480	<1	0.01	9	280	14	<5	<20	85	0.12	<10	155	<10	<1	56
127	L16+00N 9+00N	<5	<0.2	1.93	<5	110	5	0.55	<1	13	31	23	3.85	<10	0.40	498	<1	<0.01	15	1220	18	<5	<20	36	0.12	<10	113	<10	<1	67
128	L16+00N 9+25N	<5	<0.2	1.95	5	105	<5	0.58	<1	15	40	37	4.10	<10	0.46	353	<1	0.01	18	1500	16	<5	<20	41	0.13	<10	118	10	9	44
129	L16+50E 0+50S	<5	0.2	3.44	10	220	<5	0.74	<1	26	64	107	4.55	<10	1.15	1135	<1	0.01	37	1170	22	10	<20	80	0.08	<10	107	<10	22	87
130	L16+50E 0+75S	<5	<0.2	5.22	20	295	<5	0.69	<1	43	96	179	7.71	<10	1.84	1554	<1	0.02	57	1300	34	<5	<20	76	0.12	<10	188	<10	14	112

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-846

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
131	L16+50E 1+00S	<5	<0.2	1.11	5	55	<5	0.52	<1	10	28	26	2.16	<10	0.54	259	<1	0.01	12	650	10	10	<20	40	0.11	<10	65	<10	11	28
132	L16+50E 1+25S	<5	<0.2	1.40	<5	95	<5	0.67	<1	14	41	30	3.38	<10	0.81	373	<1	0.01	16	1170	12	<5	<20	57	0.13	<10	98	<10	11	40
133	L16+50E 1+50S	<5	<0.2	0.91	<5	50	<5	0.55	<1	8	26	16	2.26	<10	0.40	202	<1	0.01	10	840	8	5	<20	44	0.11	<10	69	<10	13	23
134	L16+50E 1+75S	<5	<0.2	1.06	<5	75	<5	0.52	<1	9	27	21	2.24	<10	0.49	248	<1	0.01	11	570	8	10	<20	43	0.10	<10	68	<10	9	35
135	L16+50E 2+00S	5	<0.2	1.28	<5	75	<5	0.59	<1	12	34	25	2.69	<10	0.59	372	<1	0.01	14	780	12	<5	<20	51	0.12	<10	73	10	14	36
136	L16+50E 2+25S	<5	<0.2	1.11	<5	75	<5	0.50	<1	10	30	23	2.65	<10	0.41	262	<1	0.01	11	630	8	<5	<20	45	0.09	<10	77	<10	10	29
137	L16+50E 2+50S	<5	<0.2	1.19	<5	75	5	0.52	<1	14	42	28	3.99	<10	0.54	426	<1	0.01	14	520	10	<5	<20	44	0.12	<10	125	<10	5	33
138	L16+50E 2+75S	<5	<0.2	2.16	<5	130	<5	0.55	<1	18	46	52	3.97	<10	0.81	1069	<1	0.01	20	770	14	<5	<20	48	0.10	<10	106	<10	8	61
139	L16+50E 3+00S	<5	<0.2	1.12	<5	65	<5	0.46	<1	11	32	25	2.96	<10	0.49	335	<1	0.01	11	320	10	10	<20	38	0.13	<10	88	<10	6	39
140	L16+50E 3+25S	<5	<0.2	1.45	<5	120	5	0.39	<1	13	42	19	4.29	<10	0.42	319	<1	<0.01	11	2190	16	<5	<20	34	0.14	<10	110	<10	<1	61
141	L16+50E 3+50S	<5	<0.2	1.13	<5	70	<5	0.64	<1	10	30	22	3.16	<10	0.46	277	<1	0.01	12	820	10	10	<20	55	0.14	<10	98	<10	9	28
142	L16+50E 3+75S	<5	<0.2	1.50	<5	80	10	0.57	<1	15	40	31	3.90	<10	0.46	368	<1	0.01	15	1090	12	<5	<20	49	0.13	<10	115	<10	4	35
143	L16+50E 4+00S	<5	<0.2	1.91	10	110	<5	0.46	<1	16	52	34	4.00	<10	0.58	264	<1	0.01	26	1430	16	<5	<20	36	0.12	<10	101	<10	5	50
144	L16+50E 4+25S	<5	<0.2	1.39	5	75	5	0.70	<1	13	35	32	3.29	<10	0.62	387	<1	0.01	13	820	10	10	<20	56	0.13	<10	101	<10	13	33
145	L16+50E 4+50S	<5	<0.2	1.84	5	95	<5	0.51	<1	17	41	25	4.19	<10	0.49	268	<1	0.01	21	1170	14	<5	<20	41	0.13	<10	115	<10	<1	61
146	L16+50E 4+75S	<5	<0.2	1.68	<5	85	10	0.54	<1	15	39	32	4.07	<10	0.51	262	<1	<0.01	18	910	14	<5	<20	44	0.13	<10	115	<10	2	54
147	L16+50E 5+00S	5	<0.2	1.56	<5	105	10	0.52	<1	24	54	23	6.39	<10	0.69	340	<1	<0.01	21	970	12	<5	<20	41	0.12	<10	180	<10	<1	68
148	L16+50E 5+00N	<5	<0.2	1.41	5	95	<5	0.46	<1	11	28	20	3.42	<10	0.30	349	<1	<0.01	11	1030	14	<5	<20	30	0.11	<10	100	<10	1	57
149	L16+50E 5+25N	<5	<0.2	1.73	<5	115	<5	0.57	<1	16	50	45	4.13	<10	0.55	292	<1	<0.01	24	400	14	<5	<20	34	0.12	<10	131	<10	<1	55
150	L16+50E 5+50N	<5	<0.2	1.82	10	210	5	0.46	<1	15	33	31	3.75	<10	0.37	2789	<1	<0.01	15	1600	16	<5	<20	32	0.11	<10	106	<10	<1	112
151	L16+50E 5+75N	<5	<0.2	1.56	10	135	5	0.67	<1	14	35	40	4.32	<10	0.45	704	<1	0.01	15	1050	12	<5	<20	54	0.13	<10	136	<10	9	56
152	L16+50E 6+00N	10	<0.2	1.65	5	130	10	0.54	<1	14	34	34	4.17	<10	0.40	813	<1	0.01	12	1000	14	<5	<20	41	0.12	<10	128	<10	4	82
153	L16+50E 6+25N	<5	<0.2	1.17	<5	155	5	0.30	<1	16	53	45	5.47	<10	0.15	465	8	<0.01	26	910	10	<5	<20	21	0.03	<10	148	<10	<1	110
154	L16+50E 6+50N	<5	<0.2	2.00	5	155	<5	0.46	<1	14	35	38	4.38	<10	0.42	452	<1	<0.01	16	1160	16	<5	<20	33	0.10	<10	127	<10	<1	68
155	L16+50E 6+75N	<5	<0.2	1.59	<5	145	<5	0.47	<1	14	40	28	4.28	<10	0.37	698	<1	<0.01	13	1160	12	<5	<20	37	0.11	<10	130	<10	<1	75
156	L16+50E 7+00N	5	<0.2	1.85	15	190	<5	0.41	<1	13	19	31	4.09	<10	0.38	922	1	<0.01	9	1640	14	<5	<20	39	0.05	<10	117	<10	<1	87
157	L16+50E 7+25N	<5	<0.2	1.36	5	95	10	0.56	<1	12	29	23	3.93	<10	0.32	347	<1	<0.01	10	1240	12	<5	<20	40	0.12	<10	121	<10	<1	53
158	L16+50E 7+50N	<5	<0.2	1.59	5	140	<5	0.46	<1	12	36	19	3.65	<10	0.31	304	<1	<0.01	13	1680	14	<5	<20	36	0.11	<10	95	<10	<1	110
159	L16+50E 7+75N	<5	<0.2	1.90	<5	130	<5	1.10	3	16	37	53	3.85	<10	0.60	633	<1	0.01	14	760	14	95	<20	81	0.07	<10	121	<10	25	40
160	L16+50E 8+00N	<5	<0.2	1.68	5	130	<5	0.46	<1	11	30	23	3.02	<10	0.26	204	<1	0.01	11	150	16	<5	<20	30	0.11	<10	84	<10	13	35
161	L16+50E 8+25N	<5	<0.2	1.80	10	105	<5	1.04	<1	15	32	64	3.88	<10	0.56	566	<1	0.02	15	790	16	<5	<20	57	0.16	<10	116	10	30	43
162	L16+50E 8+50N	<5	<0.2	1.20	<5	70	10	0.60	<1	12	30	21	3.52	<10	0.31	378	<1	<0.01	8	610	12	<5	<20	37	0.15	<10	109	<10	3	38
163	L16+50E 8+75N	5	<0.2	2.25	10	95	5	0.52	<1	14	40	37	4.23	<10	0.51	315	<1	<0.01	17	800	16	<5	<20	52	0.12	<10	128	<10	<1	43
164	L16+50E 9+00N	<5	<0.2	1.66	10	130	5	0.50	<1	13	32	22	3.44	<10	0.28	918	2	<0.01	13	1180	16	<5	<20	35	0.10	<10	98	<10	<1	84
165	L16+50E 9+25N	<5	<0.2	2.17	<5	105	5	1.10	<1	17	34	51	4.07	<10	0.67	537	<1	0.02	20	860	14	<5	<20	92	0.18	<10	129	10	20	45

BIG VALLEY RESOURCES

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ECO-TECH LABORATORIES LTD.

Et.#	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
166	L16+50E 9+50N	<5	<0.2	2.23	<5	110	<5	0.63	5	15	38	41	4.44	<10	0.53	367	19	<0.01	34	1760	14	145	<20	47	0.04	<10	134	<10	<1	48
167	L16+50E 9+75N	<5	<0.2	2.19	<5	110	10	0.69	<1	16	33	29	4.44	<10	0.57	479	<1	0.01	15	600	16	<5	<20	67	0.18	<10	148	<10	4	53
168	L16+50E 10+00N	<5	<0.2	1.97	<5	100	5	0.61	<1	15	37	36	4.09	<10	0.49	359	<1	0.01	17	490	16	<5	<20	49	0.16	<10	130	<10	3	40
169	L17+00E 5+25N	<5	<0.2	2.63	10	350	<5	0.47	<1	18	45	59	4.81	<10	0.56	810	<1	0.01	24	1260	20	<5	<20	41	0.09	<10	140	<10	1	163
170	L17+00E 5+75N	<5	<0.2	2.13	5	160	5	0.45	<1	12	31	26	4.18	<10	0.32	302	<1	<0.01	14	1740	18	<5	<20	34	0.10	<10	121	<10	<1	116
171	L17+00E 6+25N	<5	<0.2	2.43	5	180	10	0.49	<1	17	67	39	4.42	<10	0.59	622	<1	0.01	28	3100	20	<5	<20	35	0.12	<10	112	<10	<1	95
172	L17+00E 6+75N	<5	<0.2	1.56	5	125	<5	0.42	<1	15	73	28	3.34	<10	0.59	584	<1	<0.01	26	970	14	<5	<20	36	0.12	<10	85	<10	4	54
173	L17+00E 7+25N	<5	<0.2	2.31	5	145	5	0.64	<1	18	50	31	4.80	<10	0.56	342	<1	<0.01	24	2010	18	<5	<20	48	0.14	<10	140	<10	<1	68
174	L17+00E 7+75N	5	<0.2	2.61	<5	165	10	1.73	<1	13	42	42	4.43	<10	0.36	1046	<1	<0.01	15	890	20	<5	<20	30	0.09	<10	117	<10	9	60
175	L17+00E 8+25N	<5	<0.2	2.99	20	135	5	1.17	<1	24	43	42	4.67	<10	0.47	388	2	<0.01	26	960	24	<5	<20	43	0.09	<10	132	<10	7	64
176	L17+00E 8+75N	<5	<0.2	1.64	<5	100	10	0.77	<1	13	34	28	3.69	<10	0.32	307	<1	<0.01	17	1140	14	<5	<20	39	0.11	<10	108	<10	<1	52
177	L17+00E 9+25N	5	<0.2	2.67	<5	235	<5	1.06	<1	14	21	63	4.08	<10	0.60	1533	<1	0.01	10	870	22	5	<20	112	0.18	<10	143	<10	10	62
178	L17+00E 9+75N	<5	<0.2	1.23	10	250	<5	0.19	<1	5	54	28	3.03	<10	0.11	244	2	<0.01	7	980	10	<5	<20	34	0.03	<10	110	<10	<1	49
179	L18+00E 5+25N	<5	<0.2	1.27	10	275	<5	0.19	<1	4	55	30	2.96	<10	0.11	233	2	<0.01	7	970	10	<5	<20	33	0.02	<10	109	10	<1	49
180	L18+00E 5+75N	5	<0.2	2.26	10	160	5	0.46	<1	14	36	37	3.97	<10	0.49	410	<1	<0.01	17	1140	20	<5	<20	41	0.11	<10	118	<10	<1	56
181	L18+00E 6+25N	<5	<0.2	1.66	<5	120	5	0.77	<1	15	50	41	3.76	<10	0.59	681	<1	0.01	18	810	14	<5	<20	56	0.14	<10	118	<10	14	51
182	L18+00E 6+75N	<5	<0.2	1.40	5	110	5	0.44	<1	13	40	21	3.52	<10	0.30	638	<1	<0.01	11	1300	12	<5	<20	33	0.12	<10	103	<10	<1	65
183	L18+00E 7+25N	<5	<0.2	1.81	<5	85	10	0.61	<1	13	38	27	3.81	<10	0.38	259	<1	0.01	16	990	14	<5	<20	34	0.13	<10	113	<10	2	36
184	L18+00E 7+75N	<5	<0.2	2.00	20	170	<5	2.39	<1	12	33	144	3.30	<10	0.26	1397	3	<0.01	17	1420	20	<5	<20	44	0.04	<10	100	<10	36	79
185	L18+00E 6+25N	<5	<0.2	1.46	<5	225	10	2.14	1	35	102	46	9.07	<10	0.28	691	7	<0.01	31	1560	10	<5	<20	44	0.02	<10	246	<10	40	125
186	L18+00E 8+75N	<5	<0.2	1.47	5	110	<5	0.88	<1	16	54	49	4.03	<10	0.55	568	<1	0.02	29	1030	14	<5	<20	67	0.14	<10	126	<10	25	38
187	L18+00E 9+25N	<5	<0.2	2.98	5	130	10	1.00	<1	17	35	32	4.37	<10	0.82	667	<1	<0.01	16	1050	20	<5	<20	85	0.20	<10	138	<10	10	64
188	L18+00E 9+75N	<5	<0.2	0.97	<5	60	5	0.41	<1	9	39	10	2.74	<10	0.24	429	<1	<0.01	12	290	12	<5	<20	28	0.12	<10	89	<10	<1	32
189	L18+50E 5+00N	<5	<0.2	1.68	10	215	<5	0.47	<1	18	113	57	6.06	<10	0.28	510	1	<0.01	26	870	16	<5	<20	30	0.08	<10	163	<10	<1	92
190	L18+50E 5+25N	<5	<0.2	2.13	5	135	5	0.47	<1	13	31	43	4.14	<10	0.40	307	<1	<0.01	13	1190	20	<5	<20	40	0.12	<10	128	<10	<1	61
191	L18+50E 5+50N	<5	<0.2	1.76	<5	95	10	0.43	<1	14	35	17	3.74	<10	0.30	372	<1	<0.01	14	1460	14	<5	<20	32	0.12	<10	107	<10	<1	57
192	L18+50E 5+75N	<5	<0.2	2.09	10	135	10	0.51	<1	14	43	40	4.23	<10	0.46	316	<1	<0.01	17	1440	16	<5	<20	40	0.13	<10	127	<10	2	47
193	L18+50E 6+00N	<5	<0.2	2.65	<5	135	5	0.70	<1	13	26	35	4.09	<10	0.54	404	<1	<0.01	10	950	20	<5	<20	66	0.14	<10	126	<10	<1	56
194	L18+50E 6+25N	<5	<0.2	1.66	<5	90	5	0.56	<1	12	33	22	3.70	<10	0.36	419	<1	<0.01	12	1150	12	<5	<20	39	0.12	<10	111	<10	1	51
195	L18+50E 6+50N	<5	<0.2	1.84	<5	130	5	0.55	<1	13	37	46	4.10	<10	0.41	549	<1	<0.01	14	1110	16	<5	<20	42	0.13	<10	124	<10	2	55
196	L18+50E 6+75N	<5	<0.2	2.06	<5	135	<5	0.56	<1	14	37	49	4.14	<10	0.45	335	<1	<0.01	18	1550	18	<5	<20	35	0.10	<10	117	<10	<1	54
197	L18+50E 7+00N	<5	<0.2	1.49	<5	80	5	0.56	<1	14	30	32	4.30	<10	0.31	376	<1	<0.01	12	880	14	<5	<20	32	0.09	<10	123	<10	<1	46
198	L18+50E 7+25N	5	<0.2	2.92	5	225	<5	2.24	3	15	51	313	4.64	<10	0.52	1566	<1	0.01	22	1040	26	<5	<20	38	0.08	<10	113	<10	53	74
199	L18+50E 7+50N	<5	<0.2	1.87	10	285	<5	3.28	<1	5	41	35	3.32	<10	0.19	971	2	<0.01	13	1590	18	<5	<20	42	0.01	<10	78	<10	37	90
200	L18+50E 7+75N	<5	<0.2	1.88	5	110	5	0.63	<1	15	35	40	3.90	<10	0.46	375	<1	0.01	19	1170	16	<5	<20	33	0.12	<10	113	<10	7	50

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97- 846

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
201	L18+50E 8+00N	<5	<0.2	3.47	15	150	<5	0.56	<1	19	49	37	4.80	<10	0.45	371	<1	<0.01	31	4910	26	<5	<20	30	0.09	<10	121	<10	<1	94
202	L18+50E 8+25N	5	<0.2	2.70	35	185	10	0.56	<1	19	46	46	5.12	<10	0.38	436	5	<0.01	21	2700	22	<5	<20	31	0.07	<10	141	10	<1	76
203	L18+50E 8+50N	<5	<0.2	1.63	5	145	5	0.70	<1	13	38	28	3.70	<10	0.30	739	<1	0.02	13	1310	16	<5	<20	39	0.10	<10	111	<10	5	72
204	L18+50E 8+75N	5	<0.2	1.69	<5	115	5	0.85	<1	15	38	55	3.69	<10	0.61	587	<1	0.02	21	1050	16	<5	<20	68	0.13	<10	110	10	28	40
205	L18+50E 9+00N	<5	<0.2	1.60	<5	95	<5	0.48	<1	13	41	22	3.52	<10	0.38	239	<1	<0.01	21	770	14	<5	<20	39	0.12	<10	99	<10	3	36
206	L18+50E 9+25N	<5	<0.2	1.42	<5	95	5	0.53	<1	12	30	19	3.34	<10	0.34	259	<1	<0.01	15	820	14	<5	<20	36	0.12	<10	97	<10	4	37
207	L18+50E 9+50N	<5	<0.2	3.02	5	115	15	0.99	<1	24	29	44	5.96	<10	1.27	796	<1	0.01	14	830	26	<5	<20	135	0.34	<10	209	<10	18	79
208	L18+50E 9+75N	10	<0.2	1.61	10	95	<5	0.47	<1	12	27	17	3.11	<10	0.32	389	<1	<0.01	13	550	16	<5	<20	35	0.12	<10	95	<10	3	44
209	L18+50E 10+00N	5	<0.2	1.29	<5	90	5	0.45	<1	10	22	17	2.76	<10	0.25	356	<1	0.01	8	440	14	<5	<20	30	0.12	<10	87	10	6	33
210	L19+00E 5+25N	<5	<0.2	1.57	<5	115	<5	0.37	<1	15	81	24	3.51	<10	0.49	330	<1	<0.01	23	1060	14	<5	<20	29	0.12	<10	92	<10	<1	48
211	L19+00E 5+75N	<5	<0.2	2.06	<5	105	<5	0.56	<1	13	35	25	3.85	<10	0.40	328	<1	<0.01	14	840	14	<5	<20	34	0.12	<10	114	<10	<1	52
212	L19+00E 6+25N	<5	<0.2	3.12	5	190	<5	0.57	<1	13	23	29	3.31	<10	0.49	679	<1	0.03	11	1700	24	<5	<20	55	0.13	<10	96	<10	7	79
213	L19+00E 6+75N	5	<0.2	1.59	<5	95	5	0.47	<1	11	31	22	3.71	<10	0.35	255	<1	<0.01	14	880	16	<5	<20	32	0.11	<10	105	<10	<1	53
214	L19+00E 7+25N	<5	<0.2	1.66	<5	120	5	0.52	<1	13	35	22	3.77	<10	0.36	263	<1	<0.01	15	1240	14	<5	<20	36	0.11	<10	114	<10	<1	42
215	L19+00E 7+75N	<5	<0.2	1.34	<5	95	10	0.43	<1	11	33	15	3.46	<10	0.26	515	<1	<0.01	13	970	12	<5	<20	26	0.11	<10	103	<10	<1	68
216	L19+00E 8+25N	<5	<0.2	2.00	<5	140	5	0.46	<1	15	47	24	3.72	<10	0.43	258	<1	<0.01	25	1680	16	<5	<20	30	0.11	<10	99	<10	<1	52
217	L19+00E 8+75N	<5	<0.2	2.26	10	165	5	0.80	<1	19	61	67	4.13	<10	0.89	587	<1	0.02	43	840	18	10	<20	52	0.12	<10	106	<10	31	47
218	L19+00E 9+25N	<5	<0.2	1.88	<5	105	5	0.39	<1	11	29	25	3.24	<10	0.37	251	<1	<0.01	15	1150	14	<5	<20	34	0.12	<10	92	20	4	53
219	L19+00E 9+75N	<5	<0.2	1.51	5	75	5	0.46	<1	11	30	19	3.38	<10	0.32	252	<1	0.01	13	1050	14	<5	<20	34	0.11	<10	98	<10	2	43
220	L19+50E 5+00N	<5	<0.2	1.38	5	100	5	0.40	<1	14	63	22	3.30	<10	0.52	199	<1	<0.01	27	930	12	<5	<20	31	0.10	<10	81	<10	4	46
221	L19+50E 5+25N	<5	<0.2	1.51	5	90	5	0.43	<1	19	117	52	3.98	<10	0.80	301	<1	<0.01	32	670	14	<5	<20	34	0.12	<10	103	<10	10	36
222	L19+50E 5+50N	5	<0.2	1.15	<5	60	5	0.52	<1	10	34	24	2.77	<10	0.41	236	<1	<0.01	12	540	12	<5	<20	37	0.11	<10	89	<10	9	33
223	L19+50E 6+00N	<5	<0.2	2.22	<5	130	10	0.45	<1	16	44	39	4.70	<10	0.40	319	<1	<0.01	21	1240	18	<5	<20	31	0.12	<10	143	10	<1	59
224	L19+50E 6+25N	<5	<0.2	1.87	<5	95	5	0.41	<1	12	29	22	3.22	<10	0.32	241	<1	<0.01	14	1280	16	<5	<20	35	0.09	<10	86	<10	2	51
225	L19+50E 6+50N	<5	<0.2	2.17	5	110	<5	0.43	<1	15	35	25	3.74	<10	0.36	279	<1	<0.01	19	1640	18	<5	<20	31	0.10	<10	101	<10	<1	63
226	L19+50E 6+75N	<5	<0.2	2.08	<5	125	5	0.66	<1	12	39	20	4.09	<10	0.35	318	<1	<0.01	16	1790	20	<5	<20	28	0.07	<10	114	<10	2	54
227	L19+50E 7+00N	5	<0.2	1.92	5	120	5	0.65	<1	12	40	21	3.39	<10	0.38	293	<1	<0.01	19	1600	18	<5	<20	29	0.10	<10	90	<10	2	68
228	L19+50E 7+25N	<5	<0.2	1.60	<5	150	<5	0.57	<1	11	32	18	3.42	<10	0.26	1255	<1	<0.01	12	1420	16	<5	<20	33	0.09	<10	96	<10	<1	72
229	L19+50E 7+50N	<5	<0.2	1.22	<5	95	<5	0.47	<1	11	31	17	3.32	<10	0.25	498	<1	<0.01	11	1060	14	<5	<20	32	0.11	<10	100	<10	2	40
230	L19+50E 7+75N	<5	<0.2	1.40	<5	125	<5	0.60	<1	14	38	36	4.01	<10	0.39	406	<1	<0.01	15	1020	12	<5	<20	41	0.12	<10	125	<10	11	37
231	L19+50E 8+00N	<5	<0.2	1.45	5	95	<5	0.48	<1	11	33	18	3.29	<10	0.26	332	<1	<0.01	13	940	12	<5	<20	30	0.11	<10	99	<10	4	53
232	L19+50E 8+25N	<5	<0.2	1.40	<5	85	<5	0.44	<1	14	49	24	3.36	<10	0.52	351	<1	<0.01	23	770	12	<5	<20	32	0.11	<10	89	<10	4	41
233	L19+50E 8+50N	<5	<0.2	1.62	5	125	<5	0.49	<1	12	43	16	3.11	<10	0.36	243	<1	<0.01	18	670	12	<5	<20	24	0.09	<10	77	<10	<1	44
234	L19+50E 8+75N	<5	<0.2	1.57	<5	125	5	0.83	<1	13	47	23	3.70	<10	0.39	319	<1	<0.01	20	540	14	<5	<20	35	0.10	<10	103	<10	3	49
235	L19+50E 9+00N	5	<0.2	1.29	5	85	<5	0.56	<1	11	29	26	3.04	<10	0.38	389	<1	0.01	12	740	10	<5	<20	43	0.12	<10	95	<10	12	33

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97- 846

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	TI %	U	V	W	Y	Zn
236	L19+50E 9+25N	<5	<0.2	1.86	<5	140	<5	1.02	<1	17	35	75	4.01	<10	0.72	657	<1	0.03	21	1060	14	<5	<20	94	0.12	<10	114	<10	26	45
237	L19+50E 9+50N	<5	<0.2	0.98	<5	55	<5	0.60	<1	9	22	22	2.64	<10	0.34	278	<1	0.01	8	630	8	<5	<20	40	0.12	<10	88	<10	14	25
238	L19+50E 9+75N	<5	<0.2	1.10	5	65	<5	0.62	<1	10	23	20	2.90	<10	0.34	271	<1	0.01	8	510	10	<5	<20	45	0.14	<10	98	10	17	27
239	L19+50E 10+00N	5	<0.2	0.97	<5	60	5	0.50	<1	9	19	12	2.74	<10	0.24	282	<1	<0.01	7	580	10	<5	<20	37	0.13	<10	89	<10	7	27
240	L12+00E 5+25N	<5	<0.2	1.71	<5	90	<5	0.48	<1	14	37	27	3.97	<10	0.38	299	<1	<0.01	16	770	14	<5	<20	37	0.12	<10	120	<10	<1	42
241	L12+00E 5+75N	<5	<0.2	1.10	<5	70	<5	0.51	<1	9	29	21	2.58	<10	0.36	269	<1	0.01	11	180	10	<5	<20	36	0.12	<10	85	<10	21	37
242	L12+00E 6+25N	<5	<0.2	1.85	5	95	5	0.45	<1	13	35	17	3.92	<10	0.29	232	<1	<0.01	14	1940	16	<5	<20	34	0.11	<10	110	<10	<1	54
243	L12+00E 6+75N	<5	<0.2	1.30	<5	80	10	0.53	<1	12	34	24	3.55	<10	0.32	313	<1	<0.01	12	1070	10	<5	<20	36	0.11	<10	112	<10	5	34
244	L12+00E 7+25N	<5	<0.2	1.28	<5	75	10	0.58	<1	14	34	25	3.66	<10	0.34	455	<1	<0.01	13	1130	10	<5	<20	39	0.12	<10	117	<10	5	39
245	L12+00E 7+75N	<5	<0.2	2.17	<5	150	5	0.46	<1	16	53	18	4.24	<10	0.45	429	<1	<0.01	24	2420	18	<5	<20	27	0.10	<10	103	<10	<1	88
246	L12+00E 8+25N	<5	<0.2	1.66	5	100	<5	0.79	<1	13	44	33	3.11	<10	0.51	560	<1	0.01	22	530	14	<5	<20	42	0.10	<10	81	<10	15	81
247	L12+00E 8+75N	<5	<0.2	2.30	5	130	<5	0.91	<1	14	44	56	3.32	<10	0.62	454	<1	0.01	24	590	20	<5	<20	51	0.12	<10	90	20	37	49
248	L12+00E 9+25N	<5	<0.2	1.31	5	75	10	0.80	<1	13	27	28	3.40	<10	0.42	378	<1	0.01	11	920	12	<5	<20	52	0.15	<10	113	10	18	39
249	L12+00E 9+75N	<5	<0.2	1.56	<5	100	<5	0.83	<1	13	29	40	3.75	<10	0.53	467	<1	0.02	13	830	12	<5	<20	64	0.16	<10	124	<10	19	37
QC/DATA:																														
Repeat:																														
1	L13+00E 5+25N	<5	<0.2	1.77	<5	155	<5	0.50	<1	14	37	25	3.91	<10	0.49	351	<1	<0.01	19	1470	12	<5	<20	37	0.13	<10	108	10	3	58
10	L13+50E 5+00N	<5	<0.2	1.53	5	120	<5	0.53	2	14	37	31	3.91	<10	0.45	365	1	<0.01	18	820	10	5	<20	42	0.08	<10	120	<10	2	42
19	L13+50E 7+25N	15	<0.2	1.42	10	115	<5	0.64	3	14	34	46	4.14	<10	0.47	365	<1	0.01	14	760	10	<5	<20	51	0.04	<10	132	<10	16	31
28	L13+50E 9+50N	10	<0.2	1.98	<5	155	<5	0.42	<1	14	36	24	4.33	<10	0.41	299	<1	<0.01	17	2130	14	<5	<20	32	0.10	<10	117	<10	<1	75
36	L14+00E 7+75N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	L14+50E 6+00N	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	L14+50E 8+25N	<5	<0.2	1.84	5	135	5	0.47	<1	14	35	24	4.19	<10	0.42	520	<1	<0.01	16	1090	12	<5	<20	34	0.10	<10	125	<10	<1	81
63	L15+00E 0+75S	<5	<0.2	1.67	<5	100	5	0.47	<1	14	41	30	3.64	<10	0.48	262	<1	<0.01	17	1430	12	<5	<20	39	0.11	<10	100	<10	1	57
71	L15+00E 400+75S	<5	<0.2	1.25	<5	85	<5	0.60	<1	13	35	28	3.63	<10	0.47	320	<1	0.01	12	740	12	<5	<20	48	0.14	<10	109	<10	4	38
80	L15+00E 9+25N	<5	<0.2	2.23	5	230	10	1.41	<1	13	39	34	4.14	<10	0.48	279	<1	0.01	16	290	16	<5	<20	73	0.11	<10	122	10	4	43
89	L15+50E 6+75N	<5	<0.2	1.20	<5	175	5	0.42	<1	10	23	18	3.36	<10	0.28	1125	<1	0.01	6	930	12	<5	<20	31	0.10	<10	102	<10	<1	91
98	L15+50E 9+00N	<5	<0.2	2.20	10	155	10	0.71	<1	17	39	42	4.48	<10	0.56	434	<1	0.01	18	1830	18	<5	<20	55	0.14	<10	133	<10	6	60
106	L16+00E 1+75N	<5	<0.2	2.31	<5	135	<5	0.51	<1	19	52	69	4.43	<10	0.78	1149	<1	0.01	27	840	16	<5	<20	45	0.10	<10	116	<10	9	73
115	L16+00E 4+25S	<5	<0.2	1.26	<5	95	<5	0.59	<1	11	33	26	3.47	<10	0.44	343	<1	0.01	13	930	10	<5	<20	48	0.12	<10	101	<10	5	39
124	L16+00E 7+75N	<5	<0.2	1.46	10	160	<5	1.02	<1	13	30	47	3.46	<10	0.46	616	<1	0.01	13	810	12	<5	<20	75	0.11	<10	105	<10	19	42
133	L16+50E 1+50S	<5	<0.2	0.87	<5	45	<5	0.51	<1	8	25	16	2.18	<10	0.39	192	<1	<0.01	10	840	8	5	<20	38	0.10	<10	66	<10	12	23
141	L16+50E 3+50S	<5	<0.2	1.11	<5	65	<5	0.62	<1	10	29	22	3.08	<10	0.46	269	<1	0.01	10	810	8	<5	<20	50	0.13	<10	96	<10	8	28
150	L16+50E 5+50N	<5	0.2	1.79	5	215	5	0.44	<1	15	32	30	3.65	<10	0.37	2838	<1	<0.01	15	1660	16	<5	<20	32	0.10	<10	101	<10	<1	113
159	L16+50E 7+75N	<5	<0.2	1.86	<5	130	<5	1.07	<1	16	36	52	3.79	<10	0.59	623	<1	0.01	16	750	16	<5	<20	78	0.13	<10	118	<10	26	39
168	L16+50E 10+00N	<5	<0.2	1.93	5	100	5	0.59	<1	15	36	35	4.01	<10	0.49	349	<1	0.01	16	490	16	<5	<20	46	0.15	<10	127	<10	4	39

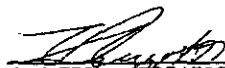
BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97- 846

ECO-TECH LABORATORIES LTD.

Et.#.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
176	L17+00E 8+75N	<5	<0.2	1.74	<5	100	5	0.81	<1	13	36	29	3.78	<10	0.34	322	<1	0.01	17	1170	14	<5	<20	40	0.11	<10	112	10	4	53
185	L18+00E 8+25N	<5	<0.2	1.54	<5	225	10	2.08	<1	35	103	46	9.04	<10	0.28	691	6	<0.01	31	1540	10	<5	<20	44	0.02	<10	249	<10	37	125
194	L18+50E 6+25N	<5	<0.2	1.75	<5	95	5	0.59	<1	12	34	23	3.73	<10	0.37	427	<1	0.01	13	1160	16	<5	<20	42	0.13	<10	111	<10	1	53
203	L18+50E 8+50N	<5	<0.2	1.71	<5	150	<5	0.74	<1	13	37	29	3.74	<10	0.31	766	<1	0.02	15	1320	16	<5	<20	41	0.10	<10	113	<10	6	75
211	L19+00E 5+75N	<5	<0.2	2.00	<5	100	5	0.53	<1	13	34	25	3.73	<10	0.39	315	<1	<0.01	15	870	16	<5	<20	31	0.11	<10	109	<10	<1	52
220	L19+50E 5+00N	<5	<0.2	1.34	<5	90	5	0.38	<1	14	62	22	3.25	<10	0.52	197	<1	<0.01	26	900	12	<5	<20	30	0.10	<10	79	<10	1	46
229	L19+50E 7+50N	<5	<0.2	1.19	<5	95	10	0.44	<1	10	31	17	3.24	<10	0.25	488	<1	<0.01	10	1040	12	<5	<20	29	0.10	<10	98	<10	2	38
238	L19+50E 9+75N	<5	<0.2	1.04	<5	65	5	0.57	<1	10	22	19	2.79	<10	0.33	256	<1	<0.01	9	500	10	<5	<20	40	0.13	<10	93	<10	14	26
246	L12+00E 8+25N	<5	<0.2	1.65	<5	95	10	0.78	<1	13	44	33	3.10	<10	0.50	565	<1	0.01	21	540	14	<5	<20	39	0.10	<10	82	<10	16	80
Standard:																														
GEO'97		155	1.2	1.80	60	165	<5	1.75	2	19	61	85	4.01	<10	0.94	659	7	0.02	24	680	24	10	<20	63	0.09	<10	80	<10	10	69
GEO'97		130	1.4	1.86	70	165	<5	1.78	<1	19	62	86	4.07	<10	0.96	670	<1	0.02	24	680	22	10	<20	66	0.10	<10	82	<10	12	68
GEO'97		135	1.2	1.91	60	170	<5	1.86	<1	20	64	86	4.21	<10	0.99	687	<1	0.02	24	690	26	10	<20	68	0.14	<10	84	<10	9	73
GEO'97		140	1.2	1.83	55	165	<5	1.78	<1	19	60	86	4.04	<10	0.97	666	<1	0.02	25	670	24	5	<20	63	0.13	<10	79	<10	8	71
GEO'97		140	1.2	1.83	55	160	<5	1.79	<1	19	62	83	4.08	<10	0.96	664	<1	0.02	26	670	28	15	<20	62	0.13	<10	80	<10	9	72
GEO'97		145	1.2	1.84	55	155	5	1.76	<1	19	62	81	4.03	<10	0.95	659	<1	0.02	22	680	22	<5	<20	64	0.14	<10	81	<10	20	72
GEO'97		145	1.2	1.70	55	155	5	1.67	<1	18	58	78	3.77	<10	0.90	647	<1	0.02	25	660	24	15	<20	58	0.12	<10	74	<10	22	68
GEO'97		140	1.2	1.82	50	155	<5	1.75	<1	19	61	81	3.96	<10	0.95	648	<1	0.02	24	700	26	10	<20	64	0.13	<10	80	<10	21	72

dl/644/846a/846b
 XLS/97Big Valley
 fax: 243-2335
 cc: fax: 257-3650 stu tenant


 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

08/19/97 15:58 Q250 573 4557 ECO-TECH KAM. STU TENNANT 009