1997 DIAMOND DRILLING ASSESSMENT REPORT ON THE PAY 1 - 4 & LLOYD 2 CLAIMS

CARIBOO MINING DIVISION BRITISH COLUMBIA

NTS: 93 A/12

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

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

REPORT BY: S.J. TENNANT, GEOLOGIST

DATE: DECEMBER 22, 1997

TABLE OF CONTENTS

LIST OF FIGURES, TABLES AND APPENDICES

Page

FIGURES

APPENDICES

SUMMARY

Big Valley Resources Inc. owns the claims consisting of the Pay 1 – 4 and Lloyd 2 claim. These claims totalling 65 claim units are located 57 kilometres NE of Williams Lake in the Cariboo Mining Division.

Exploration has been ongoing for a number of years consisting of various geophysical surveys and diamond drilling. In 1997, additional drilling was carried out on the Lloyd 2 claim to further evaluate the mineralized zone outlined by earlier exploration programs.

On the Main zone drilling cored felsic volcanic flows and clastics that were intruded by high level dykes and sills. Shearing provided the conduits for the intrusives, as well as related altering and mineralized fluids. The main structural control appears to be north-easterly, as well as steep dipping. Drilling intersected a number of significant mineralized intersections. The main host of the higher grade mineralization is a felsic breccia healed with magnetite.

Drilling in 1997 has extended the mineralization some 500 metres west of the Main Zone. Although copper grades are on the low side, drill holes have interseted significant lengths of copper mineralization, indicating the potential exists for developing a large low grade deposit.

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

INTRODUCTION

i. Location, Access and Physiography

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

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

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

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

ii. Claim Status

The property consists of 5 mineral claims (65 mineral claim units) located in the Cariboo Mining Division. The mineral claims are shown on Figure 2 and details are as follows:

Claim	No. of Units	Record Number	Expiry Date
Pay 1	12	351724	October 10, 1997
Pay 2	12	351725	October 10, 1997
Pay 3	9	351726	September 26, 1997
Pay 4	12	351727	October 11, 1997
Lloyd #2	20	204955	June 25, 1999

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

iii. Property History

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

In 1964, the Cariboo Bell porphyry gold-copper deposit was discovered during exploration of a prominent aeromagnetic anomaly. Today, the Mount Polley deposit is owned by Imperial Metals

Corp. and is scheduled to start production in 1997. It adjoins Big Valley Resources Inc. to the east and south.

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

The Pay 1 – 4 and Lloyd 2 claims represents part of the mineral tenures that were acquired by Big Valley Resources Inc. for their potential of hosting porphyry copper and/or gold deposits similar to the Mount Polley and QR deposits.

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

LOCATION MAP

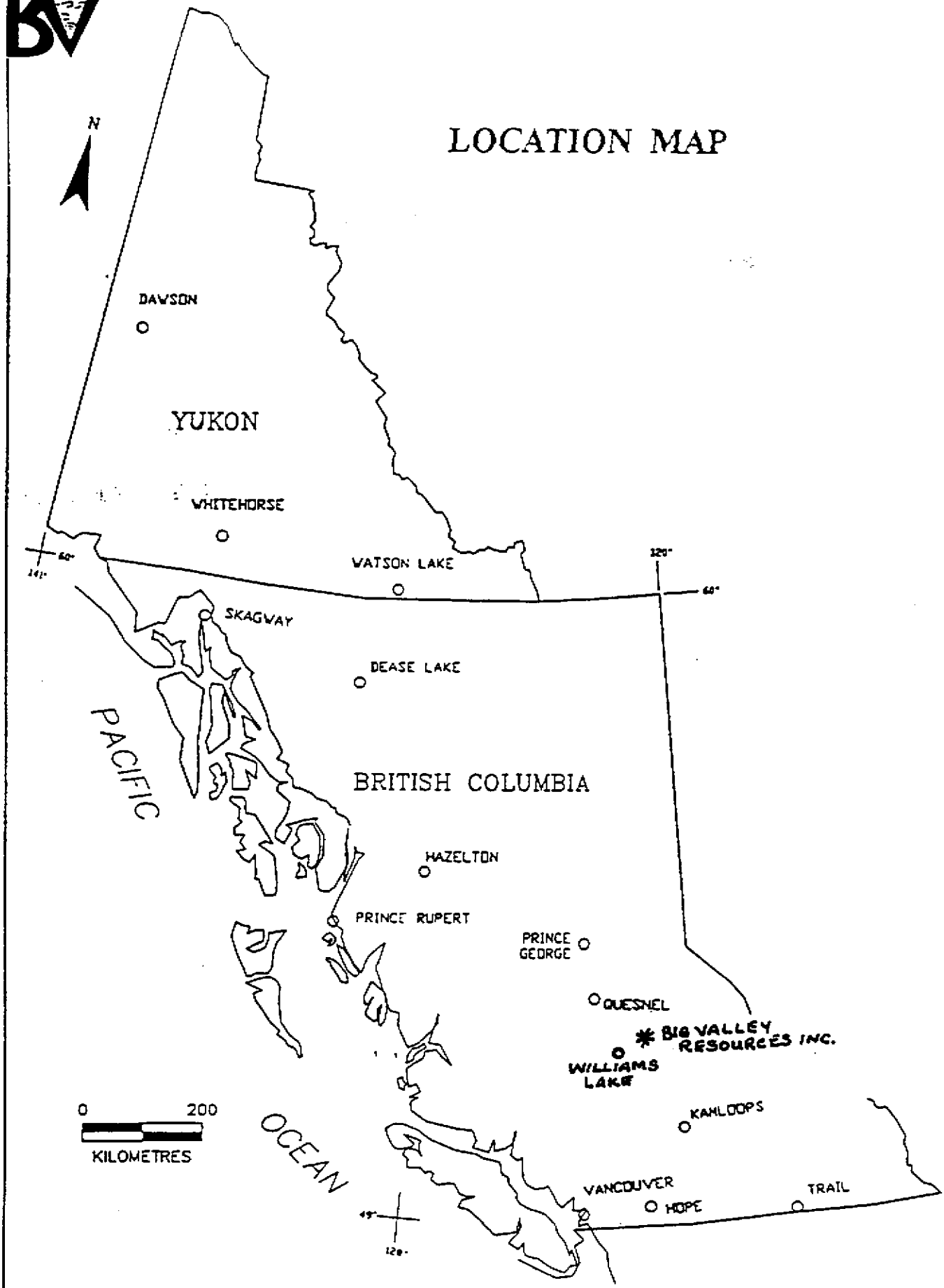
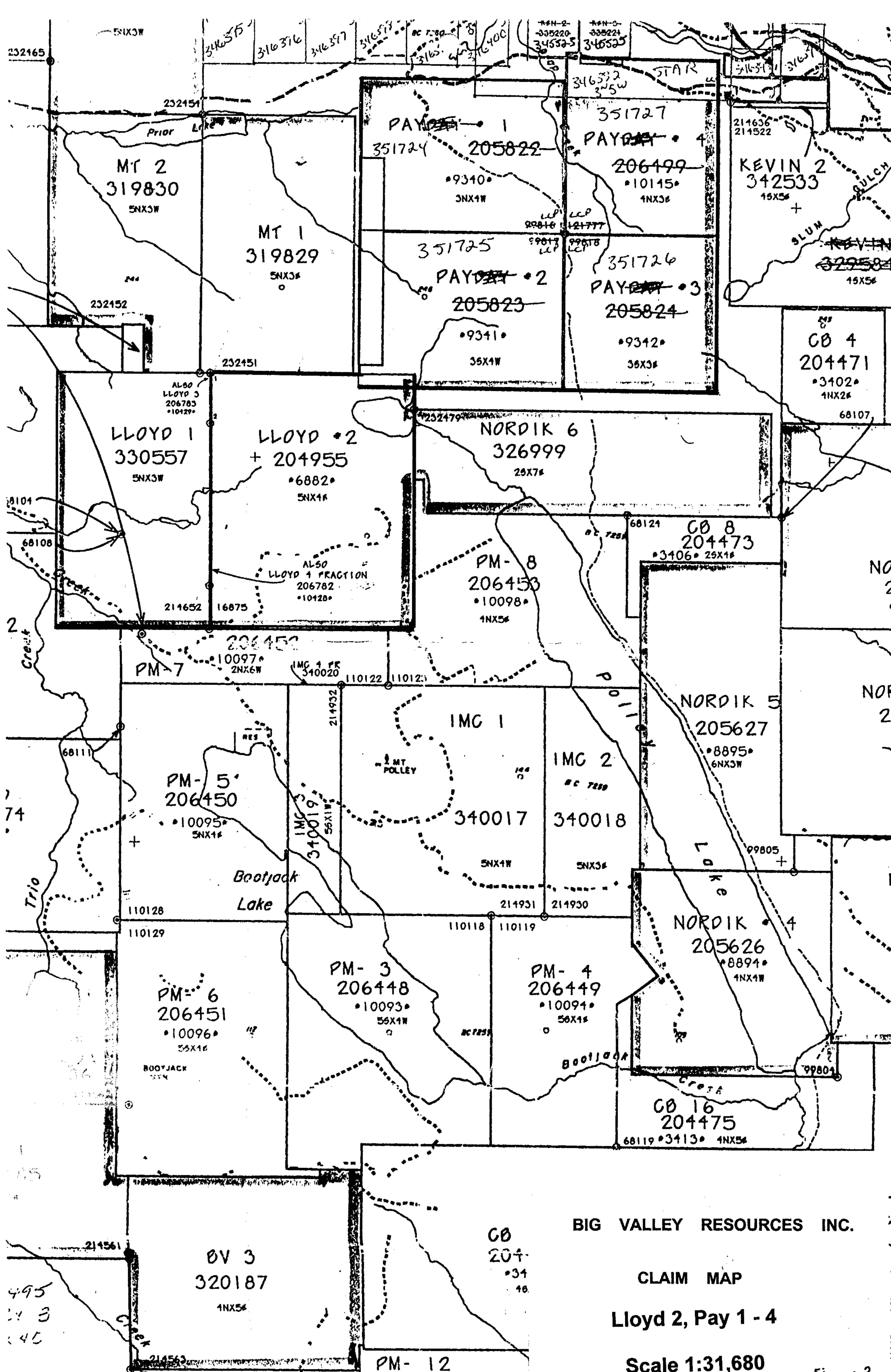


Figure 1



MT 2
319830
5NX3W
MT 1
319829
Prior Lake
PAY 1
351724
205822
9340
3NX4W
PAY 4
351727
206499
10145
4NX3E
PAY 2
351725
205823
9341
3SX4W
PAY 3
351726
205824
9342
3SX3E
KEVIN 2
342533
4SX5E
CB 4
204471
3402
4NX2E
LLOYD 1
330557
5NX3W
LLOYD 2
204955
6882
5NX4E
ALSO LLOYD 3 206783 10129
ALSO LLOYD 4 FRACTION 206782 10128
NORDIK 6
326999
2SX7E
PM-8
206453
10098
4NX5E
CB 8
204473
3406 2SX4E
PM-7
10097
2NX6W
IMC 4 FR 340020
IMC 1
340017
5NX4W
IMC 2
340018
5NX3E
IMC 3
340019
5SX1W
MT POLLEY
NORDIK 5
205627
8895
6NX3W
PM-5
206450
10095
5NX4E
Bootjack Lake
Polley Lake
Trio Creek
NORDIK 4
205626
8894
4NX4W
PM-6
206451
10096
5SX1E
BOOTJACK MTN
PM-3
206448
10093
5SX4W
PM-4
206449
10094
5SX4E
Bootjack Creek
CB 16
204475
3413 4NX5E
BV 3
320187
4NX5E
PM-12
BIG VALLEY RESOURCES INC.
CLAIM MAP
Lloyd 2, Pay 1 - 4
Scale 1:31,680

PAY-1
PAY-4
PAY-2
PAY-3 3A?
LLOYD 1
LLOYD-2
PRIOR LAKE
LITTLE LAKE
SLUM CREEK
SLUM LAKE
TRIO LAKE
BOOTJACK LAKE
POLLEY LAKE
GAVIN LAKE
Likely
Cu

BIG VALLEY RESOURCES INC.

REGIONAL GEOLOGY

1 : 50,000

Figure 3

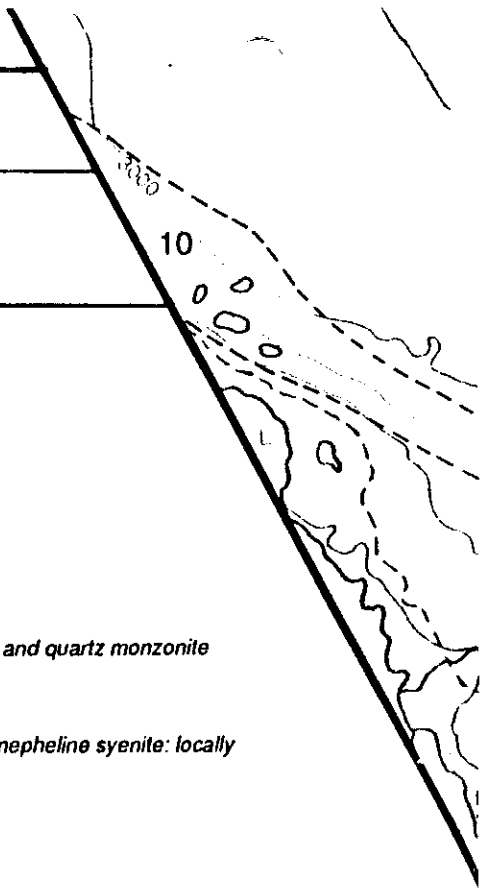
LEGEND

SEDIMENTARY AND VOLCANIC ROCKS

TERTIARY	PLEISTOCENE	11	*Glacial, fluvioglacial and fluvial gravel and sand*
	MIOCENE	10	*Green, grey and maroon plateau basalt (alkali olivine basalt)*
CRETACEOUS			
JURASSIC	PLIENSBACHIAN	6	*Cobble conglomerate: clasts of chert, limestone, sandstone: carbonaceous shale and sandstone*
		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	*Latitic crystal tuff, tuff breccia and tuffaceous sandstone: minor latite flow breccia*
		3A	*Maroon and grey polylithic breccia; clasts of mafic and intermediate compositions in chloritic and feldspathic matrix*
TRIASSIC	NORIAN	2H	*Coarse-grained greenish grey and brown sandstone, grey medium - grained sandstone and dark grey siltstone and argillite*
		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	*Polylithic, 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*
	CARNIAN	1	*Dark grey siltstone, brown and grey sandstone; unit becomes volcaniclastic towards top. Minor conglomerate and dark grey limestone*

INTRUSIVE ROCKS

9	*Grey hornblende granodiorite and quartz monzonite*
8	*Fine- to coarse-grained grey nepheline syenite: locally orbicular*
7	*Grey and pink, medium fine grained monzonite, monzodiorite, syenodiorite and syenite; pyroxene and/or hornblende-bearing*



Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
PRELIMINARY MAP NO. 67

GEOLOGY OF THE HYDRAULIC MAP AREA NTS 93A/12

1:50 000

0 1 2 3 4 5

KILOMETRES

Geology by Bailey (1987, 1975); Fox et al. (1986), Bailes (1977)
Geology compiled by D.G. Bailey, 1987

REFERENCES:

Bailey, D.G. 1976: Geology of the Morehead Lake area, Central British Columbia. Preliminary Map No. 20; *B.C. Department Mines and Petroleum Resources.*

Bailes, R.J., (1977): The Cariboo-Bell Alkaline Stock, British Columbia. M.Sc. Thesis (unpubl.) *University of Manitoba.*

Fox, P.E., R.S. Cameron and S.J. Hoffman, 1986; Geology and Soil Geochemistry of the Quesnel River Gold Deposit, British Columbia. In 'Geoexpo '86' Proceedings, *Association of Exploration Geochemists*, Vancouver, May 1986.

GEOLOGY AND MINERALIZATION

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

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

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

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

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

In 1997, drilling has extended the mineralization some 500 metres west of the Main Zone. Although the copper grade is on the low side, drill holes have intersected significant lengths of copper mineralization, indicating that the potential exists for a large low grade deposit. In the western area of drilling, the main host rock is an intrusion breccia, whereas in the higher grade Main Zone, the host rock is a felsic breccia healed with magnetite.

Big Valley Resources Inc.

Current Drilling Program: Lloyd-Nordik Property

June 25, 1997

1500 mE
2000 mE
2500 mE
3000 mE
5500 mN
5000 mN
97-102
97-117
97-116
97-115
97-114
97-108
97-97
97-96
96-87
95-19
97-113
97-107
97-111
97-99
97-105
97-104
97-103
96-45
97-18
97-109
97-112
Access Road
97-110
97-106
95-13
MAIN
ZONE
DRILLED AREA
CLAIM BOUNDARY
Lloyd-Nordik Property
Mount Polley Property

Big Valley Resources Inc.
Diamond Drill Plan
Lloyd 2 Mineral Claim
Scale: 1cm = 25m

Figure 4

DIAMOND DRILLING

Diamond drilling on Big Valley Resources claims has been ongoing at various times in different areas throughout 1995 and 1996. In March 1997, diamond drilling was carried out on the Lloyd 2 claim to further evaluate the mineralized zone located earlier by drilling geophysical anomalies.

Diamond drilling utilized a unitized Longyear Super 38 drill to recover NQ sized core. The contractor was Beaupre Drilling of Princeton, B.C. Water for drilling was pumped from streams that exist in the immediate area. Drilling has been ongoing most of the year. The core was transported to camp for logging, sampling and permanent storage. Intervals to be assayed were split using a manual splitter and shipped to Eco-Tech Labs in Kamloops where they were crushed, pulverized and analyzed for Cu and Au along with 31 element I.C.P. Drill logs and assay sheets are attached as Appendix I and II respectively.

Drill hole information is as follows:

Zone	Hole No.	Dip	Northing	Easting	Length (m)	Elev (m)
Lloyd 2	97-107	-90°	5,048	2,507	214	1,050
Lloyd 2	97-108	-90°	5,081	2,522	213.4	1,055

Drill Hole 97-107 and 97-108 are part of the ongoing drilling program on the Lloyd 2 claim (see Figure 4). Drilling cored volcanic flows and intrusion breccia which hosts the low grade copper mineralization.

CONCLUSIONS AND RECOMMENDATIONS

Drilling on the Lloyd 2 mineralized zone has been ongoing since 1944. Early drilling has shown a north-easterly trending mineralized structure coincident with an induced polarization chargeability high and a magnetic high. During 1996-97, drilling has extended the copper mineralization some 500 metres west of the Main Zone. Although results of the drilling indicate low copper grades, significant lengths of copper mineralization were intersected indicating that the potential for a large low grade deposit exists.

To date, the copper mineralization is still open to the north-west and additional drilling should be carried out to determine the overall potential of the zone.

STATEMENT OF COSTS

Diamond Drilling	
427.4 metres @ $59/metre - all inclusive	$25,216.60
Sample Prep and Assay 170 @ $20.40/Sample (Prep $5.00, Assay ICP $6.90, Au $8.50)	3,468.00
Freight - samples to Kamloops	125.00
Report Preparation	
S. Tennant - 3 days @ $250/day	750.00
	$29,559.60

AUTHOR'S QUALIFICATIONS

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

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

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

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

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

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

Stuart J. Tennant

STUART J. TENNANT

DATED at Vancouver, British Columbia, this 22nd day of December, 1996.

REFERENCES

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

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

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

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

Appendix I

Drill Logs

GRID: [illegible] 2

97-107

HOLE No. ___
SHEET No. 1 of 3

LOCATION: ___
DATE COLLARED: ___
DATE COMPLETED: ___
BEARING: ___
LENGTH: 214m (702 ft)
DIP: ___
LATITUDE: 5048 N
DEPARTURE: 2507 E
ELEVATION: 1050m
PROPERTY: BIG VALLEY RESOURCES
CORE SIZE: NQ
SCALE OF LOG: ___
LOGGED BY: Ed
DATE: ___

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock type / Alteration, Footage, Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS SAMPLE No.				EST. GRADE
0 – 6.1 (Casing)	Overburden													
6.1 – 52.3 MONZONITE Alteration mainly Ca, chl and hem.	Numerous chlorite hematite, calcite thin seams													
6.1 – 11.0 Fault	Zone? Extensive broken core.					Core generally fairly mag.								
25.6 – 29.1 Fault.	Most chips & gouge				Diss Py									
45.0 – 51.5 Numerous	magnetite seams to 1cm @ 70–90°.													
52.3 – 110 Intrusion Breccia	Strong K alteration													
65.6 – 67.9 Coarse	Lath Phyric, Monz/Diorite Porphyry													
70.3 – 71.2 Fault	– mainly gouge													
80.2 – 85.9 Bleached,	silicious													
92.7 – 110 Porphyritic	in part. Becomes more dioritic													
110 – 118 Monzonite/Diorite fine gr. porphyry	Weak to strong alt.				fine gr Py ± Chalco.									
116 – 117.4 Fault (gouge) Some sparse Int. Bx.														

GRID: _____ 97-107

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____ HOLE No.

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ SHEET No. 2 of 3

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

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock Type Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	ASSAY RESULTS	ASSAY RESULTS	ASSAY RESULTS	EST. GRADE
HB 155.5 Monzonite/Diorite.	Weak to strong K-spar alteration.															
122.4–123.4 Shattered																
127.1 fairly shattered – abundant chl/cal							Some patchy Chalco.									
144.7–147.3 intense fracturing (fg chips + gouge)																
From 147.3 K increases – light brown – grey >20%. Strong K in large clasts Ca/Mg/Si/Biot very fine gr.																
155.5–171.8 Porphyritic Monzonite.	Brown Orange to orange laths.															
164.6–165.7 Deep orange-brown K.																
166.7–168 Siliceous, Ca spotted.																
to 171.8 fine gr Monzonite – weaker K/Ca/Mag							Fine gr diss py + chalco.									
Some sparce Int. Bx.																
171.8–189. Monzonite-Diorite.	Finely porphyritic in part.															
180.7–186.8 strong K							Diss py/chalco.									
From 186.8 K decreases.																
189–197.2. Porphyritic Monzonite	Moderate alteration															
Coarse Lathes																
fine porphyritic in part.																

GRID:

97-107
HOLE No.
SHEET No. 3 of 3

LOCATION: BEARING: LATITUDE: PROPERTY:

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

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

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration, Footage, Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.				EST. GRADE
197.2 - 214 Monzonite/Diorite														
197.2 - 208.8 K decreasing to grey color														
208.8 - 207.4 Fault chl-talc seams Finely Bxed core.														
212-214 Intrusion Bx Fragments.														
Strong K alteration														
214m E.O.H.														

GRID: LLOYD - 2

97-10

HOLE No.

SHEET No. 1 of 2

LOCATION: _____ BEARING: _____ LATITUDE: 5081 N. PROPERTY: BIG VALLEY RESOURCES

DATE COLLARED: _____ LENGTH: 213.4 (700ft) DEPARTURE: 2522 E CORE SIZE: NQ LOGGED BY: Ed

DATE COMPLETED: _____ DIP: -90° ELEVATION: 1050 m SCALE OF LOG: _____ DATE: _____

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock type Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS SAMPLE No.				EST. GRADE
0 - 11.9 Casing	Overburden.													
11.9 - 89 Pre-intrusion Volcanic cover Volcanic Breccia, Minor basalt flows.						Section NOT SAMPLED.								
89 - 91.7 Monzonite	Weak coarse lath phyric													
91.7 - 93.3 Fault -	Strong K alteration gouge - clay + sand seam @ 92.7													
98.11 - 112m Monzonite - Porphyry	≈ 10% coarse lath Phyric. + sparce Intrusion Breccia				Very fine diss. Py									
101.7 - 102 Bleached Pink.														
112 - 117.5 Basalt (Flow)	Strong K alteration Dark green-chloritic ≈ 5% epi filled amygdules													
	(Pre Intrusion Volcanic)													
117.5 - 123.1 Intrusion Breccia -	Moderately strong K alteration				Very fine diss py									
	Generally rounded fragments Felsic - Kspar replaces dark chl matrix													

97-108

GRID: —

HOLE No.
SHEET No. 2 of 3

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

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

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

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG (Rock Type / Alteration / Footage / Structure)	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.				EST. GRADE
[illegible] 139 Basalt Flow	Massive - Broken Core													
[illegible] 143.3 Intrusion Breccia	Moderately strong K alteration. Dark orange-brown/grey mottled													
143.3 - 145.9 Monzonite Porphyry	(3x7mm ≈ 10%) 10% coarse lath phyric. Strong K. alteration					Weak mag.								
145.9 - 146.3 Pyroxenite Dyke	L/C @ 85° to CA													
146.3 - 172.8 Monzonite Porphyry	(as at 143.3m) minor bleaching													
162.7 - 163.1 Monzonite	- sparsely porphyritic. Strong K. alteration													
163.8 - 168 Fault Zone	fine chip and gouge													
168.4 - 168.8 Monzonite	(as at 162.7) Strong K. Alteration													
169 - 172.8 Fault Zone	- intense chl/calcite chips and gouge.													
	U/C sharp @ 80° to CA.													

97-108

GRID: ___

HOLE No.
SHEET No. 3 of 3

LOCATION: ___ BEARING: ___ LATITUDE: ___ PROPERTY: ___

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

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

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG: Rock type Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS: SAMPLE No.	ASSAY RESULTS	ASSAY RESULTS	ASSAY RESULTS	EST. GRADE
[illegible] IFI Intrusion Breccia	-Strong K. alteration						Fine diss Py									
173.4 – 184.9 Fault	Zone. Numerous chloritic fault zones															
	4m to 2.5m wide															
	Contacts generally 20 – 35° to C.A															
185.8 – 186.0 } Dark	Mafic dykes.															
186.4 – 187.0 }	Steep contacts ≈ 80°															
121 – 213.4 Monzonite/	Intrusion Breccia															
	Dark brown-green.							Minor Mag.								
	Propylitic in part															
	Moderate K. alteration															
187.4 – 188.1 Fault.																

Appendix II

Assay Sheets

BIG VALLEY RESOURCES AK 97-252

14-Apr-97

ET #	Tag #	m	Au (g/t)	Au (oz/t)	Cu (%)
23	278144		<.03	<.001	0.02
24	278145		0.03	0.001	0.01
25	278146		<.03	<.001	0.01
26	278147		0.03	0.001	0.01
27	278148		<.03	<.001	0.01
28	278149		<.03	<.001	0.01
29	278150		<.03	<.001	0.01
30	278151		<.03	<.001	0.01
31	278152		0.04	0.001	0.01
32	278153		<.03	<.001	0.01
33	278154		<.03	<.001	0.01
34	278155		<.03	<.001	0.01
35	278156		<.03	<.001	0.01
36	278157		<.03	<.001	0.01
37	278158		<.03	<.001	0.02
38	278159		<.03	<.001	0.02
39	278160		<.03	<.001	0.01
40	278161		<.03	<.001	0.01
41	278162		0.03	0.001	0.01
42	278163		<.03	<.001	0.02
43	278164		<.03	<.001	0.01
44	278165		<.03	<.001	0.01
45	278166		<.03	<.001	0.01
46	278167		<.03	<.001	0.02
47	278168		<.03	<.001	0.01
48	278169		<.03	<.001	0.01
49	278170		<.03	<.001	0.01
50	278171		<.03	<.001	0.01
51	278172		0.03	0.001	<.01
52	278173		<.03	<.001	<.01
53	278174		<.03	<.001	<.01
54	278175		<.03	<.001	0.01
55	278176		<.03	<.001	0.01
56	278177		<.03	<.001	0.01
57	278178		0.03	0.001	0.01
58	278179		<.03	<.001	0.01
59	278180		0.03	0.001	0.01
60	278181	4-6	<.03	<.001	0.01
61	278182	6-8	<.03	<.001	0.01
62	278183	8-10	<.03	<.001	0.01
63	278184	10-12	0.03	0.001	<.01
64	278185	12-14	<.03	<.001	0.01
65	278186	14-16	<.03	<.001	<.01

(DN97-106)

DN97-107

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

BIG VALLEY RESOURCES AK 97-252

14-Apr-97

DH97-107

ET #	Tag #	m	Au (g/t)	Au (oz/t)	Cu (%)	
66	278187	16-18	<.03	<.001	0.01	
67	278188		<.03	<.001	0.02	
68	278189		<.03	<.001	0.01	
69	278190	22-24	<.03	<.001	0.01	
70	278191		<.03	<.001	0.02	
71	278192		<.03	<.001	0.01	
72	278193		<.03	<.001	0.02	
73	278194		0.03	0.001	0.01	
74	278195	32-34	<.03	<.001	0.01	
75	278196	34-38 *	<.03	<.001	0.02	* LONGER INTERVAL - FAULTED CORE
76	278197	38-40	<.03	<.001	0.03	
77	278198		<.03	<.001	0.01	
78	278199		<.03	<.001	0.02	
79	278200	44-46	<.03	<.001	0.01	
80	278201		<.03	<.001	0.01	
81	278202		<.03	<.001	0.01	
82	278203		<.03	<.001	0.01	
83	278204		0.03	0.001	0.02	
84	278205	54-56	<.03	<.001	0.01	
85	278206		0.03	0.001	0.01	
86	278207		<.03	<.001	0.01	
87	278208		0.03	0.001	0.01	
88	278209		<.03	<.001	0.02	
89	278210	64-66	<.03	<.001	0.02	
90	278211		<.03	<.001	0.01	
91	278212	68-70	<.03	<.001	<.01	
92	278956	228-230	<.03	<.001	0.02	
93	278957		0.03	0.001	0.01	
94	278958		<.03	<.001	0.02	
95	278959	234-236.2	<.03	<.001	0.01	
	EOH					

DH97-99

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

Eco-Tech
LABORATORIES LTD.

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 ASSAY AK 97-256

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

15-Apr-97

ATTENTION: LLOYD TATTERSALL/STU TENNANT

DDH - 107

No. of samples received: 72
Sample type: CORE
PROJECT #: LLOYD-NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

ET #.	Tag #		Au (g/t)	Au (oz/t)	Cu (%)
1	278213	70 - 72.	<.03	<.001	0.01
2	278214		<.03	<.001	0.01
3	278215		<.03	<.001	0.01
4	278216		<.03	<.001	0.01
5	278217		<.03	<.001	0.01
6	278218		<.03	<.001	0.01
7	278219		<.03	<.001	0.01
8	278220		<.03	<.001	0.02
9	278221		<.03	<.001	0.01
10	278222		<.03	<.001	0.01
11	278223		<.03	<.001	0.01
12	278224		<.03	<.001	0.01
13	278225		0.04	0.001	0.08
14	278226		0.03	0.001	0.05
15	278227		<.03	<.001	0.06
16	278228		<.03	<.001	0.13
17	278229		<.03	<.001	0.11
18	278230		<.03	<.001	0.19
19	278231		<.03	<.001	0.10
20	278232		<.03	<.001	0.30
21	278233		0.11	0.003	0.72
22	278234	112-114	0.20	0.006	1.05

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

BIG VALLEY RESOURCES AK 97-256 15-Apr-97

ET #.	Tag #		Au (g/t)	Au (oz/t)	Cu (%)
23	278235	114-116	<.03	<.001	0.13
24	278236		<.03	<.001	0.11
25	278237		<.03	<.001	0.11
26	278238		<.03	<.001	0.39
27	278239		<.03	<.001	0.48
28	278240		<.03	<.001	0.12
29	278241		<.03	<.001	0.12
30	278242		0.03	0.001	0.12
31	278243		0.03	0.001	0.34
32	278244		<.03	<.001	0.16
33	278245		<.03	<.001	0.02
34	278246		<.03	<.001	0.01
35	278247		<.03	<.001	0.01
36	278248		<.03	<.001	0.03
37	278249		<.03	<.001	0.22
38	278250		0.05	0.001	0.14
39	278251		0.04	0.001	0.19
40	278252		0.03	0.001	0.02
41	278253		<.03	<.001	0.01
42	278254		<.03	<.001	0.01
43	278255		<.03	<.001	0.05
44	278256		<.03	<.001	0.11
45	278257		<.03	<.001	0.11
46	278258		<.03	<.001	0.11
47	278259		0.03	0.001	0.16
48	278260		<.03	<.001	0.06
49	278261		<.03	<.001	0.01
50	278262		0.03	0.001	0.20
51	278263		<.03	<.001	0.17
52	278264		0.03	0.001	0.01
53	278265		<.03	<.001	0.01
54	278266		<.03	<.001	0.04
55	278267		<.03	<.001	0.02
56	278268		0.03	0.001	0.01
57	278269		<.03	<.001	0.08
58	278270		0.07	0.002	0.19
59	278271		<.03	<.001	0.03
60	278272		0.03	0.001	0.02
61	278273		<.03	<.001	0.08
62	278274		0.03	0.001	0.07
63	278275		<.03	<.001	0.06
64	278276		<.03	<.001	0.05
65	278277	198-200	<.03	<.001	0.01

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

BIG VALLEY RESOURCES AK 97-256

15-Apr-97

ET #.	Tag #		Au (g/t)	Au (oz/t)	Cu (%)
66	278278	200 -202	<.03	<.001	0.02
67	278279		<.03	<.001	0.05
68	278280		<.03	<.001	0.05
69	278281		<.03	<.001	0.02
70	278282		<.03	<.001	<.01
71	278283		<.03	<.001	<.01
72	278284	212 -214	<.03	<.001	0.04
QC/DATA:					
Resplit:					
1	278213		<.03	<.001	<.01
36	278248		<.03	<.001	0.03
71	278283		<.03	<.001	0.01
Repeat:					
1	278213		<.03	<.001	<.01
10	278222		<.03	<.001	-
19	278231		<.03	<.001	-
36	278248		<.03	<.001	-
37	278249		-	-	0.21
45	278257		<.03	<.001	-
54	278266		<.03	<.001	-
71	278283		<.03	<.001	-
Standard:					
STD-M			1.41	0.041	-
STD-M			1.53	0.045	-
STD-M			1.50	0.044	-
Mp-IA			-	-	1.44
Mp-IA			-	-	1.44

per

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

XLS/97

16-Apr-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 97-256

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

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 72
Sample type: CORE
PROJECT #: LLOYD-NORDIK
SHIPMENT #: 5
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	278213	<0.2	2.90	20	40	<5	4.10	<1	17	24	70	4.74	<10	3.23	2583	6	0.05	3	1470	8	20	<20	255	0.01	<10	169	<10	16	64
2	278214	<0.2	2.46	<5	95	5	3.38	<1	17	18	59	4.95	<10	2.35	2017	6	0.05	4	1260	4	20	<20	199	0.01	<10	136	<10	18	35
3	278215	<0.2	2.01	<5	120	<5	3.31	<1	17	16	72	3.82	<10	1.71	1566	5	0.04	5	1390	10	15	<20	201	<0.01	<10	128	<10	21	36
4	278216	<0.2	2.28	<5	85	<5	3.77	<1	23	18	66	4.69	<10	2.14	1818	6	0.04	5	1280	16	20	<20	225	0.01	<10	133	<10	20	33
5	278217	0.2	1.94	10	55	10	3.25	<1	16	25	48	3.68	<10	1.63	1539	6	0.04	4	1310	30	10	<20	209	<0.01	<10	104	<10	19	35
6	278218	<0.2	1.44	5	345	<5	3.06	<1	12	71	33	1.95	<10	1.07	1191	29	0.03	3	840	92	25	<20	140	<0.01	<10	64	<10	18	33
7	278219	0.2	3.62	25	250	<5	3.74	<1	15	10	122	4.79	<10	3.08	2023	3	0.04	3	2550	244	35	<20	311	<0.01	<10	112	<10	22	204
8	278220	<0.2	4.13	25	255	<5	3.38	<1	27	11	157	6.38	<10	3.94	2462	7	0.04	8	1440	392	25	<20	288	<0.01	<10	127	<10	18	179
9	278221	<0.2	2.75	<5	110	<5	3.69	<1	15	16	63	5.28	<10	2.27	1799	5	0.04	1	1210	480	15	<20	230	<0.01	<10	100	<10	17	186
10	278222	<0.2	2.25	<5	410	10	4.37	<1	10	13	25	4.00	<10	1.96	1887	4	0.04	<1	870	84	20	<20	269	<0.01	<10	95	<10	21	56
11	278223	<0.2	2.20	<5	100	<5	3.96	<1	12	13	28	4.09	<10	1.98	2272	4	0.04	1	1170	72	15	<20	268	<0.01	<10	97	<10	19	75
12	278224	<0.2	2.24	<5	105	<5	3.73	<1	14	21	88	4.20	<10	1.82	2158	5	0.04	3	1160	76	15	<20	240	<0.01	<10	100	<10	18	46
13	278225	<0.2	2.46	5	145	<5	3.34	<1	27	20	839	5.15	<10	2.05	2265	9	0.04	6	1700	90	20	<20	133	0.01	<10	184	<10	20	29
14	278226	0.4	2.46	10	90	<5	2.71	<1	19	21	478	5.70	<10	1.86	3021	10	0.03	3	1630	274	<5	<20	122	0.01	<10	170	<10	15	44
15	278227	1.0	3.48	10	50	<5	2.99	1	21	23	566	5.59	<10	3.29	5849	8	0.03	5	1520	266	35	<20	148	0.02	<10	202	<10	15	56
16	278228	0.4	2.69	10	50	<5	2.67	<1	19	23	1232	4.89	<10	2.46	4332	8	0.03	5	1530	214	25	<20	121	0.01	<10	192	<10	13	67
17	278229	1.6	3.46	15	45	<5	2.95	1	20	23	1102	5.31	<10	3.78	5893	9	0.02	4	1410	286	105	<20	145	0.02	<10	242	<10	16	148
18	278230	1.0	3.04	5	65	<5	3.88	<1	23	19	1828	4.70	<10	3.43	4436	5	0.03	3	1390	182	50	<20	139	0.02	<10	232	<10	14	116
19	278231	1.4	3.00	15	55	<5	3.87	<1	27	24	962	4.61	<10	3.16	3847	6	0.03	2	1390	128	45	<20	150	0.02	<10	195	<10	15	211
20	278232	2.0	3.18	10	45	<5	3.90	<1	26	19	2779	5.20	<10	3.39	4491	6	0.03	4	1530	64	40	<20	144	0.02	<10	200	<10	16	380
21	278233	7.8	2.82	20	40	<5	4.52	1	70	18	6694	4.52	10	2.91	4374	8	0.03	8	1680	48	85	<20	168	0.02	<10	193	<10	17	296
22	278234	3.6	2.36	35	50	<5	4.62	2	60	21	9802	3.78	20	2.47	3647	7	0.03	5	1660	84	160	<20	175	0.02	<10	157	<10	18	262
23	278235	1.2	2.74	10	60	<5	4.76	<1	31	17	1292	4.35	10	2.70	3971	6	0.03	4	1720	46	30	<20	200	0.02	<10	213	<10	19	374
24	278236	1.4	2.89	<5	70	<5	4.92	<1	26	17	1101	4.84	10	2.67	3831	5	0.04	5	1880	54	25	<20	239	0.02	<10	234	<10	21	322
25	278237	0.8	2.80	<5	65	<5	4.32	<1	23	22	1179	5.51	<10	2.73	3025	5	0.04	5	1940	32	20	<20	176	0.04	<10	270	<10	17	241

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-256

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	278238	0.4	2.65	5	45	<5	4.53	<1	27	15	3492	5.46	<10	2.70	2946	5	0.04	5	2090	32	20	<20	181	0.05	<10	241	<10	16	207
27	278239	0.8	2.84	<5	90	<5	4.20	<1	23	18	4337	4.87	10	2.77	3239	7	0.04	5	2010	32	20	<20	174	0.03	<10	263	<10	19	155
28	278240	0.4	2.42	<5	280	<5	3.93	<1	22	19	1244	4.81	<10	2.17	2705	6	0.03	3	1680	38	15	<20	180	0.03	<10	207	<10	16	132
29	278241	<0.2	2.27	<5	125	<5	2.92	<1	20	25	1209	4.12	10	2.04	2407	7	0.03	5	1710	38	25	<20	173	0.02	<10	220	<10	19	131
30	278242	1.2	2.14	<5	40	<5	3.79	<1	20	24	1228	4.51	10	1.89	3181	6	0.04	6	1710	38	20	<20	163	0.02	<10	225	<10	20	173
31	278243	3.4	2.05	20	30	<5	4.14	<1	31	24	3293	5.21	40	1.82	2685	11	0.04	4	2770	52	15	<20	189	0.01	<10	195	<10	23	177
32	278244	1.4	2.65	15	50	<5	4.59	<1	20	19	1634	3.95	20	2.01	2276	11	0.04	5	1840	46	25	<20	277	<0.01	<10	170	<10	26	153
33	278245	<0.2	1.63	<5	140	<5	5.39	<1	17	14	158	4.59	<10	1.47	1963	4	0.04	2	1470	10	10	<20	314	<0.01	<10	151	<10	14	87
34	278246	<0.2	1.55	<5	140	<5	5.07	<1	17	10	106	4.66	<10	1.51	1933	3	0.04	3	1600	10	10	<20	348	0.02	<10	157	<10	19	73
35	278247	<0.2	1.61	<5	85	<5	5.38	1	20	20	144	4.76	<10	1.47	2094	4	0.04	3	1480	8	10	<20	315	0.01	<10	153	<10	14	93
36	278248	0.4	1.53	5	35	<5	4.99	<1	20	9	301	4.60	<10	1.30	2175	3	0.04	2	1530	12	<5	<20	358	<0.01	<10	142	<10	21	109
37	278249	2.0	0.55	15	65	<5	6.99	<1	28	44	1957	2.02	10	0.17	2293	6	0.02	2	1100	26	10	<20	240	<0.01	<10	92	<10	14	109
38	278250	5.4	0.49	60	190	<5	3.14	3	2	15	1159	0.26	10	0.07	628	9	0.02	<1	1220	234	35	<20	259	<0.01	<10	18	<10	10	198
39	278251	1.2	1.11	5	80	<5	6.20	<1	12	17	1670	3.03	<10	0.83	1894	3	0.03	2	1160	34	<5	<20	374	0.02	<10	99	<10	23	67
40	278252	<0.2	1.63	<5	45	<5	5.21	<1	19	16	186	4.78	<10	1.61	1850	2	0.04	2	1560	8	10	<20	336	0.06	<10	156	<10	16	81
41	278253	<0.2	1.58	<5	50	<5	4.86	<1	19	15	100	4.62	<10	1.56	1687	<1	0.04	1	1570	<2	15	<20	407	0.07	<10	157	<10	16	65
42	278254	<0.2	1.62	<5	80	<5	5.27	<1	18	11	98	4.62	<10	1.60	1806	2	0.04	2	1560	4	10	<20	558	0.03	<10	151	<10	19	68
43	278255	<0.2	1.49	<5	135	<5	5.15	<1	16	19	436	3.90	<10	1.34	1728	3	0.04	3	1360	4	15	<20	1027	0.03	<10	129	<10	21	72
44	278256	0.8	1.05	<5	80	<5	4.21	<1	13	33	953	2.46	10	0.85	1388	2	0.03	4	920	12	10	<20	665	0.02	<10	81	<10	22	70
45	278257	1.0	1.00	5	55	<5	4.24	<1	17	29	966	2.85	10	0.77	1250	3	0.03	4	980	12	5	<20	342	0.02	<10	82	<10	18	70
46	278258	0.8	1.22	<5	65	<5	5.08	<1	13	31	1022	2.87	10	0.94	1617	3	0.03	3	980	8	10	<20	428	<0.01	<10	100	<10	21	72
47	278259	0.8	1.37	<5	75	<5	4.92	<1	13	29	1419	2.96	10	1.14	1645	3	0.03	3	1010	4	15	<20	250	0.02	<10	126	<10	15	89
48	278260	0.4	1.21	<5	55	<5	3.80	5	13	55	600	3.16	<10	1.04	1280	4	0.04	3	940	16	10	<20	207	0.02	<10	111	<10	16	209
49	278261	<0.2	1.49	<5	50	<5	4.51	<1	16	14	176	4.08	<10	1.43	1628	2	0.04	3	1380	4	10	<20	405	<0.01	<10	139	<10	23	70
50	278262	1.0	1.16	<5	35	<5	3.81	<1	14	34	1806	3.00	<10	0.96	1272	2	0.03	4	990	8	<5	<20	224	0.04	<10	100	<10	20	62
51	278263	1.0	1.20	<5	45	<5	4.15	<1	16	29	1535	3.35	<10	1.04	1533	2	0.03	3	970	6	10	<20	257	0.02	<10	103	<10	20	64
52	278264	<0.2	1.45	<5	60	<5	5.28	<1	16	15	160	4.36	<10	1.31	1766	3	0.04	2	1560	2	10	<20	375	0.01	<10	150	<10	27	63
53	278265	<0.2	1.62	<5	30	<5	5.03	<1	18	12	121	4.88	<10	1.55	1792	3	0.04	2	1550	6	5	<20	307	0.02	<10	162	<10	18	75
54	278266	<0.2	1.56	<5	40	<5	5.04	<1	19	15	393	4.86	<10	1.52	1758	3	0.04	3	1540	6	10	<20	318	0.03	<10	165	<10	16	72
55	278267	<0.2	1.59	<5	40	<5	5.44	<1	19	10	150	4.86	<10	1.58	1723	2	0.04	2	1620	4	15	<20	328	0.05	<10	166	<10	15	65
56	278268	<0.2	1.69	<5	30	<5	5.27	<1	20	11	157	4.79	<10	1.64	1824	2	0.03	2	1590	10	25	<20	285	0.05	<10	155	<10	14	71
57	278269	<0.2	1.58	10	35	<5	5.86	<1	21	14	716	4.93	<10	1.43	2188	2	0.04	1	1550	6	5	<20	298	0.06	<10	174	<10	19	75
58	278270	1.0	1.38	<5	65	<5	6.64	<1	20	30	1721	3.87	20	1.15	2350	2	0.04	3	1390	<2	10	<20	197	0.08	<10	158	<10	14	71
59	278271	<0.2	1.54	5	40	<5	5.03	<1	19	13	296	4.65	<10	1.49	1742	1	0.04	2	1430	8	5	<20	242	0.05	<10	166	<10	13	69
60	278272	<0.2	1.58	<5	30	<5	5.02	<1	19	15	200	4.66	<10	1.48	1648	2	0.04	2	1410	6	5	<20	253	0.05	<10	176	<10	13	67

BIG VALLEY RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-256

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	278273	<0.2	1.37	<5	40	<5	5.19	<1	16	19	787	3.99	<10	1.20	1893	3	0.03	3	1010	2	15	<20	201	0.03	<10	240	<10	14	99
62	278274	<0.2	1.49	5	65	<5	5.38	<1	15	29	734	3.99	<10	1.31	1939	2	0.03	3	900	4	10	<20	158	0.05	<10	272	<10	11	109
63	278275	<0.2	1.43	<5	80	<5	4.85	<1	15	34	606	4.02	<10	1.31	1846	2	0.04	2	930	4	15	<20	147	0.08	<10	206	<10	4	108
64	278276	<0.2	1.44	<5	35	<5	5.30	1	18	24	524	4.56	<10	1.39	1846	8	0.03	3	1110	6	15	<20	192	0.05	<10	170	<10	10	93
65	278277	<0.2	1.62	<5	30	<5	4.55	<1	20	13	175	4.98	<10	1.63	1689	4	0.04	1	1610	6	15	<20	234	0.05	<10	170	<10	15	68
66	278278	<0.2	1.59	15	30	<5	5.20	<1	19	18	255	4.86	<10	1.58	1812	3	0.04	4	1650	10	20	<20	220	0.07	<10	175	<10	12	77
67	278279	0.4	1.50	10	50	<5	5.48	<1	17	21	542	4.12	<10	1.43	1939	3	0.04	3	1300	14	10	<20	166	0.06	<10	175	<10	7	101
68	278280	0.4	1.48	5	45	<5	5.18	<1	17	31	559	4.33	<10	1.42	1986	4	0.05	2	1000	10	15	<20	130	0.07	<10	221	<10	2	99
69	278281	<0.2	1.51	10	40	<5	4.75	<1	20	19	308	4.91	<10	1.51	1832	5	0.04	3	1430	12	10	<20	210	0.07	<10	194	<10	11	84
70	278282	<0.2	1.55	<5	30	<5	4.57	<1	19	15	115	5.00	<10	1.63	1678	3	0.04	2	1620	<2	10	<20	268	0.04	<10	178	<10	18	61
71	278283	<0.2	1.51	<5	30	<5	4.72	1	19	14	103	5.07	<10	1.52	1649	4	0.04	3	1680	8	<5	<20	254	0.05	<10	175	<10	19	63
72	278284	<0.2	1.52	<5	50	<5	5.72	<1	15	24	459	4.10	<10	1.33	2228	2	0.04	2	1300	6	10	<20	146	0.08	<10	166	<10	3	100
QC/DATA:																													
Repeat:																													
1	278213	<0.2	2.85	15	50	<5	4.05	<1	17	23	68	4.72	<10	3.18	2563	5	0.05	3	1440	4	15	<20	260	0.01	<10	167	<10	14	60
10	278222	<0.2	2.33	<5	415	5	4.46	<1	10	13	29	4.09	<10	2.03	1933	4	0.04	2	880	88	20	<20	283	<0.01	<10	98	<10	21	58
19	278231	1.4	3.03	10	55	<5	3.90	<1	28	24	982	4.67	<10	3.22	3902	8	0.03	4	1370	132	45	<20	154	0.02	<10	196	<10	16	215
36	278248	0.6	1.48	<5	40	<5	4.95	<1	20	11	304	4.59	<10	1.28	2163	4	0.03	2	1540	14	5	<20	362	<0.01	<10	141	<10	21	110
45	278257	0.8	1.01	<5	50	<5	4.21	<1	17	29	956	2.86	<10	0.77	1244	3	0.03	5	980	12	10	<20	337	0.02	<10	83	<10	18	70
54	278266	0.4	1.59	<5	40	<5	5.09	<1	19	15	396	4.96	<10	1.54	1787	3	0.04	2	1560	6	5	<20	317	0.03	<10	169	<10	16	73
71	278283	<0.2	1.53	<5	40	<5	4.81	<1	19	14	104	5.15	<10	1.55	1676	3	0.04	1	1700	6	5	<20	269	0.05	<10	178	<10	17	64
Resplit:																													
1	278213	<0.2	2.92	15	45	<5	4.12	<1	17	22	71	4.80	<10	3.23	2646	6	0.05	3	1470	6	30	<20	270	0.01	<10	169	<10	15	56
36	278248	0.4	1.50	<5	40	<5	5.23	<1	20	12	287	4.73	<10	1.30	2260	4	0.03	3	1650	14	5	<20	381	<0.01	<10	144	<10	23	115
71	278283	<0.2	1.56	<5	35	<5	4.98	<1	20	18	109	5.20	<10	1.57	1708	4	0.04	2	1690	6	5	<20	269	0.05	<10	179	<10	17	65
Standard:																													
GEO'97		1.0	1.75	65	160	5	1.90	<1	18	66	78	3.63	<10	1.00	654	<1	0.02	24	700	16	10	<20	58	0.09	<10	69	<10	3	68
GEO'97		1.2	1.80	70	165	<5	1.85	<1	19	64	78	3.74	<10	0.99	654	<1	0.02	25	710	20	<5	<20	58	0.10	<10	71	<10	5	66
GEO'97		1.2	1.85	65	165	5	1.92	<1	19	64	80	3.88	<10	1.04	673	<1	0.02	25	630	24	5	<20	58	0.11	<10	74	<10	4	68

df/256
XLS/97Big Valley
fax: 243-2335
cc: fax: 257-3650 stu tennont

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

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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

CERTIFICATE OF ASSAY AK 97-280

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

24-Apr-97

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 36
Sample type: CORE
PROJECT #: LLOYD-NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Post-it® Fax Note 7671 | Date Apr 24 | # of pages ▸ 2
To Ed / Lloyd | From
Co./Dept. | Co.
Phone # | Phone #
Fax # | Fax #

DH 97-108

ET #.	Tag #	m	Au (g/t)	Au (oz/t)	Cu (%)	
1	278285	89.8-92	<.03	<.001	0.01	(UPPER INTRUSIVE CONTACT @89.0)
2	278286	92-94	<.03	<.001	0.01	
3	278287		<.03	<.001	0.01	
4	278288		<.03	<.001	0.01	
5	278289		<.03	<.001	0.01	
6	278290	100-102	<.03	<.001	0.01	
7	278291		<.03	<.001	0.01	
8	278292		<.03	<.001	0.01	
9	278293		<.03	<.001	0.01	
10	278294		<.03	<.001	0.01	
11	278295	110-112	<.03	<.001	0.01	
12	278296		<.03	<.001	0.01	
13	278297		<.03	<.001	<.01	
14	278298		<.03	<.001	0.02	
15	278299		<.03	<.001	0.03	
16	278300	120-122	<.03	<.001	0.03	
17	278301		<.03	<.001	0.01	
18	278302		<.03	<.001	0.01	
19	278303		<.03	<.001	0.01	
20	278304		<.03	<.001	0.03	
21	278305	130-132	<.03	<.001	0.01	

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

DH97-108

BIG VALLEY RESOURCES AK 97-280 24-Apr-97

ET #.	Tag #	m	Au (g/t)	Au (oz/t)	Cu (%)
22	278306	132-134	<.03	<.001	0.02
23	278307		<.03	<.001	0.02
24	278308		<.03	<.001	0.02
25	278309		<.03	<.001	0.03
26	278310	140-142	<.03	<.001	0.02
27	278311		<.03	<.001	0.01
28	278312		<.03	<.001	<.01
29	278313		<.03	<.001	<.01
30	278314		<.03	<.001	<.01
31	278315	150-152	<.03	<.001	<.01
32	278316		<.03	<.001	<.01
33	278317		<.03	<.001	<.01
34	278318		<.03	<.001	<.01
35	278319		<.03	<.001	<.01
36	278320	160-162	<.03	<.001	<.01

CONTINUES

QC/DATA:

Resplit:

1	278285	<.03	<.001	0.01
36	278320	<.03	<.001	<.01

Repeat:

1	278285	<.03	<.001	0.01
10	278294	<.03	<.001	-
19	278303	<.03	<.001	-
36	278320	<.03	<.001	-

Standard:

STD-M	1.41	0.041	-
STD-M	1.42	0.041	-
Mp-IA	-	-	1.44

per

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

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

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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

CERTIFICATE OF ASSAY AK 97-288

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

25-Apr-97

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received:26
Sample type: CORE
PROJECT #: LLOYD-NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Post-it™ Fax Note 7671E | Date Apr 25 | # of pages ▸ 2
To Lloyd T.E.D | From
Co./Dept. | Co.
Phone # | Phone #
Fax # | Fax #

DH 97-108

ET #.	Tag #	m	Au (g/t)	Au (oz/t)	Cu (%)
1	278321	162-164	<.03	<.001	<.01
2	278322		<.03	<.001	0.01
3	278323		<.03	<.001	<.01
4	278324		<.03	<.001	<.01
5	278325	170-172	<.03	<.001	0.01
6	278326		<.03	<.001	0.01
7	278327		<.03	<.001	0.01
8	278328		<.03	<.001	0.06
9	278329		<.03	<.001	0.05
10	278330	180-182	<.03	<.001	0.01
11	278331		<.03	<.001	0.01
12	278332		<.03	<.001	0.01
13	278333		<.03	<.001	0.01
14	278334		<.03	<.001	0.03
15	278335	190-192	<.03	<.001	0.03
16	278336		<.03	<.001	0.05
17	278337		<.03	<.001	0.06
18	278338		<.03	<.001	0.05
19	278339		<.03	<.001	0.06
20	278340	200-202	<.03	<.001	0.06
21	278341	202-204	<.03	<.001	0.02

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

BIG VALLEY RESOURCES AK 97-288

25-Apr-97

ET #.	Tag #	cm	Au (g/t)	Au (oz/t)	Cu (%)
22	278342	204-206	<.03	<.001	0.04
23	278343		<.03	<.001	0.04
24	278344		<.03	<.001	0.04
25	278345	210-212	<.03	<.001	0.02
26	278346	212-213.4	<.03	<.001	0.01
		EOH			

0497-108

QC/DATA:

Resplit:

1	278321	<.03	<.001	<.01

Repeat:

1	278321	<.03	<.001	<.01
10	278330	<.03	<.001	-

Standard:

STD-M	1.34	0.039	-
Mp-IA	-	-	1.44

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

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

25-Apr-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 97-280

AR 97-108

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

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 36
Sample type: CORE
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	278285	<0.2	1.02	<5	145	<5	2.72	<1	7	37	130	3.21	<10	0.58	961	4	0.05	4	910	14	15	<20	149	0.01	<10	98	<10	16	86
2	278286	<0.2	1.01	15	55	<5	5.08	<1	10	17	61	3.05	<10	0.62	1479	5	0.04	4	780	34	15	<20	140	<0.01	<10	78	<10	15	66
3	278287	0.4	1.21	15	50	<5	4.61	<1	11	32	64	3.33	<10	0.75	1350	5	0.04	4	800	32	15	<20	142	0.01	<10	92	<10	17	85
4	278288	<0.2	1.21	15	65	<5	3.57	<1	12	34	71	3.35	<10	1.05	1189	4	0.04	4	880	12	20	<20	123	0.02	<10	102	<10	16	70
5	278289	<0.2	1.21	15	55	<5	3.46	<1	12	34	61	3.41	<10	1.02	1131	4	0.05	3	940	14	15	<20	115	0.01	<10	99	<10	16	93
6	278290	<0.2	1.05	5	65	<5	3.53	<1	12	38	58	3.08	<10	0.79	1074	3	0.05	4	880	14	25	<20	123	<0.01	<10	96	<10	14	79
7	278291	<0.2	1.07	10	70	<5	3.72	<1	11	31	68	3.08	<10	0.80	1107	4	0.05	4	900	16	20	<20	124	0.01	<10	96	<10	15	59
8	278292	<0.2	1.17	15	75	<5	4.86	<1	11	38	57	3.23	<10	0.94	1580	2	0.05	5	870	22	20	<20	143	0.01	<10	105	<10	20	63
9	278293	<0.2	1.28	<5	65	10	3.25	<1	12	33	53	3.54	<10	1.25	1373	4	0.05	4	930	26	20	<20	122	0.02	<10	116	<10	16	79
10	278294	<0.2	1.39	<5	65	<5	2.74	<1	12	35	61	3.42	<10	1.33	1432	4	0.05	4	930	28	20	<20	129	0.01	<10	123	<10	15	84
11	278295	<0.2	1.26	<5	60	<5	3.53	<1	12	30	75	3.30	<10	1.20	1237	5	0.05	5	890	20	30	<20	131	0.01	<10	133	<10	15	55
12	278296	<0.2	3.56	<5	155	10	6.71	<1	49	409	87	5.38	<10	9.22	2208	<1	0.07	522	1380	<2	40	<20	605	0.17	<10	145	<10	11	51
13	278297	<0.2	3.97	<5	255	20	2.85	<1	55	343	57	5.52	<10	>10	1387	<1	0.12	842	1520	2	55	<20	1016	0.20	<10	131	<10	8	44
14	278298	<0.2	2.78	50	150	<5	7.15	3	38	187	180	5.08	10	6.56	2361	<1	0.08	297	1730	112	50	<20	563	0.16	<10	172	<10	17	369
15	278299	0.8	1.15	15	70	<5	5.10	8	16	23	348	4.32	10	0.99	1654	5	0.04	7	1140	234	25	<20	119	0.09	<10	134	<10	13	764
16	278300	<0.2	1.67	10	60	<5	8.29	<1	18	18	309	4.69	20	1.41	2566	5	0.05	4	1440	28	25	<20	182	0.09	<10	207	<10	17	80
17	278301	<0.2	2.37	35	90	<5	5.78	<1	24	69	194	5.08	<10	1.66	1849	<1	0.23	21	1810	32	15	<20	230	0.23	<10	186	<10	11	94
18	278302	<0.2	3.52	40	75	5	3.75	<1	31	107	147	6.14	<10	2.89	1258	<1	0.37	40	2110	12	45	<20	227	0.25	<10	209	<10	7	66
19	278303	<0.2	3.43	45	105	<5	2.56	<1	29	99	157	5.92	<10	2.67	1535	<1	0.79	36	2100	14	35	<20	318	0.24	<10	202	<10	9	70
20	278304	<0.2	1.39	10	80	<5	6.21	<1	17	19	298	4.26	10	1.13	2000	5	0.05	2	1240	36	10	<20	190	0.13	<10	175	<10	13	143
21	278305	<0.2	0.95	<5	80	<5	4.65	1	12	26	209	2.91	<10	0.62	1443	2	0.04	2	780	42	15	<20	158	0.12	<10	107	<10	17	125
22	278306	<0.2	1.06	<5	85	<5	4.40	<1	11	18	211	2.90	10	0.73	1507	2	0.03	2	760	24	20	<20	186	0.10	<10	105	<10	17	85
23	278307	<0.2	1.04	10	80	<5	5.26	<1	12	48	238	3.37	10	0.84	1624	6	0.04	3	950	16	20	<20	192	0.07	<10	123	<10	14	87
24	278308	0.2	1.14	<5	100	<5	5.50	<1	13	22	249	3.55	10	0.94	1761	7	0.03	3	990	18	20	<20	186	0.09	<10	123	<10	12	70
25	278309	0.2	1.54	<5	100	<5	7.94	3	20	23	340	5.07	10	1.54	2587	8	0.04	3	1540	22	25	<20	231	0.13	<10	197	<10	12	107

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	278310	<0.2	1.59	5	85	<5	5.97	<1	19	23	280	4.64	10	1.41	2151	5	0.04	4	1410	24	25	<20	227	0.17	<10	171	<10	14	123
27	278311	<0.2	1.42	5	80	<5	5.33	<1	16	30	190	4.05	10	1.31	1906	7	0.04	3	1320	20	10	<20	187	0.07	<10	151	<10	13	89
28	278312	<0.2	1.06	20	60	<5	3.83	<1	16	52	89	3.63	10	1.21	1113	12	0.05	21	990	34	30	<20	150	0.02	<10	96	<10	10	68
29	278313	<0.2	1.31	20	75	5	4.06	<1	16	82	49	3.81	<10	1.58	1245	5	0.05	39	1040	30	30	<20	173	0.04	<10	106	<10	11	78
30	278314	0.2	1.09	15	70	10	3.01	<1	11	47	44	3.26	<10	0.96	1085	9	0.04	4	910	24	15	<20	143	<0.01	<10	101	<10	10	89
31	278315	<0.2	0.99	10	85	<5	3.56	<1	11	37	59	3.11	<10	0.79	1118	8	0.04	3	880	24	15	<20	149	<0.01	<10	100	<10	10	98
32	278316	0.2	1.18	<5	115	<5	3.87	<1	11	42	61	3.36	<10	1.01	1339	9	0.03	4	930	16	15	<20	162	<0.01	<10	108	<10	11	103
33	278317	0.2	1.16	<5	205	<5	4.24	<1	9	39	47	3.15	<10	0.84	1364	10	0.04	5	870	12	25	<20	196	<0.01	<10	98	<10	14	85
34	278318	<0.2	0.98	<5	105	<5	3.71	<1	10	45	50	3.08	<10	0.69	1115	10	0.04	4	890	16	10	<20	166	<0.01	<10	97	<10	12	75
35	278319	<0.2	0.98	10	60	<5	3.25	<1	11	40	47	3.32	<10	0.60	931	9	0.03	4	950	18	5	<20	158	<0.01	<10	88	<10	8	90
36	278320	<0.2	0.92	15	65	<5	3.44	<1	12	55	42	3.32	<10	0.67	974	9	0.04	5	890	20	15	<20	132	<0.01	<10	101	<10	11	94
QC/DATA:																													
Repeat:																													
1	278285	<0.2	1.07	<5	155	<5	2.80	<1	6	33	130	3.29	<10	0.59	986	3	0.05	4	950	10	10	<20	151	0.02	<10	100	<10	16	80
10	278294	<0.2	1.40	<5	65	<5	2.76	<1	12	36	60	3.47	<10	1.33	1443	4	0.05	4	960	30	20	<20	127	0.02	<10	124	<10	15	86
19	278303	<0.2	3.40	40	105	5	2.60	<1	30	101	156	6.01	<10	2.64	1547	<1	0.78	35	2140	16	30	<20	311	0.26	<10	203	<10	6	73
36	278320	0.2	0.92	10	70	<5	3.43	<1	11	55	41	3.30	<10	0.66	969	9	0.04	4	880	20	15	<20	134	<0.01	<10	101	<10	10	96
Resplit:																													
R/S 1	278285	<0.2	0.97	<5	145	<5	2.87	<1	7	32	120	3.34	<10	0.58	1005	3	0.04	3	960	14	10	<20	144	0.01	<10	97	<10	15	81
R/S 36	278320	<0.2	0.91	10	75	5	3.47	<1	11	50	37	3.32	<10	0.66	975	8	0.04	5	910	18	15	<20	133	<0.01	<10	100	<10	10	98
Standard:																													
GEO'97		1.2	1.83	65	165	<5	1.87	<1	21	65	83	4.31	<10	1.09	707	<1	0.02	22	700	20	5	<20	69	0.13	<10	82	<10	8	79
GEO'97		1.2	1.82	70	165	5	1.86	<1	21	65	82	4.27	<10	1.07	696	<1	0.02	24	710	22	5	<20	68	0.13	<10	82	<10	7	80

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

df/280
XLS/97Big Valley
fax: 243-2335
cc: fax: 257-3650 stu tennant