



Geological Survey Branch
Assessment Report Indexing System



[ARIS11A]

ARIS Summary Report

Regional Geologist, Prince George

Date Approved: 1998.10.26

Off Confidential: 1999.06.08

ASSESSMENT REPORT: 25651

Mining Division(s): Cariboo

Property Name: Lloyd

Location: NAD 27 Latitude: 52 35 00 Longitude: 121 39 00 UTM: 10 5826560 591470
 NAD 83 Latitude: 52 35 00 Longitude: 121 39 05 UTM: 10 5826776 591372
 NTS: 093A12E

Camp: 036 Cariboo - Quesnel Belt

Claim(s): Lloyd 2

Operator(s): Big Valley Resources Inc.
 Author(s): Tennant, Stuart J.

Report Year: 1998

No. of Pages: 36 Pages

Commodities Searched For: Gold, Copper

General Work Categories: DRIL, GEOC

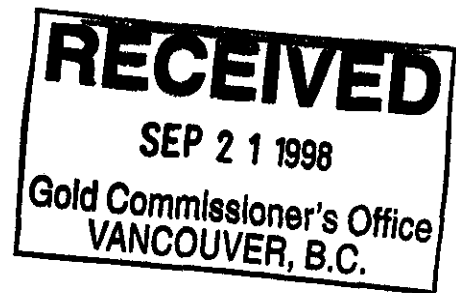
Work Done: Drilling
 DIAD Diamond surface (2 hole(s);NQ) (425.8 m)
 Geochemical
 SAMP Sampling/assaying (153 sample(s);)
 Elements Analyzed For : Multielement

Keywords: Breccias, Chalcopyrite, Felsic volcanics, Magnetite, Mount Polley stock, Nicola Group, Pyrite, Triassic

Statement Nos.: 3119768

MINFILE Nos.: 093A 160

Related Reports: 14854, 17913, 18879, 20197, 23064, 23475, 24154, 24585, 25300



**1998 DIAMOND DRILLING ASSESSMENT REPORT
ON THE
LLOYD 1 - 4 & NORDIK 6 CLAIMS**

**CARIBOO MINING DIVISION
BRITISH COLUMBIA**

NTS: 93 A/12

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

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

REPORT BY: S.J. TENNANT, GEOLOGIST

DATE: SEPTEMBER 18, 1998
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,651

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SUMMARY

Big Valley Resources Inc. owns the claims consisting of the Lloyd 1 – 4 and Nordik 6 claims. These claims totalling 51 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, geochemical 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 drill 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 intersected significant lengths of copper mineralization, indicating the potential exists for developing a large low-grade deposit.

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

INTRODUCTION

i. Location, Access and Physiography

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

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

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

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

ii. Claim Status

The property consists of 5 mineral claims (51 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
Lloyd 1	15	330557	September 8, 1998
Lloyd 2	20	204955	June 25, 1999
Lloyd 3	1	206783	February 9, 1999
Lloyd 4	1	206782	February 9, 1999
Nordik 6	14	326999	June 27, 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 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 owned by Imperial Metals Corp. and Sumitomo Corporation, officially went into production in September 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 Lloyd 1 – 4 and Nordik 6 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 exploration has been carried out on the claim group. Results of this work outlined a number of geochemical anomalies with coincident geophysical magnetic and IP chargeability highs. Since 1994, diamond drilling has been ongoing evaluating the anomalies.



LOCATION MAP

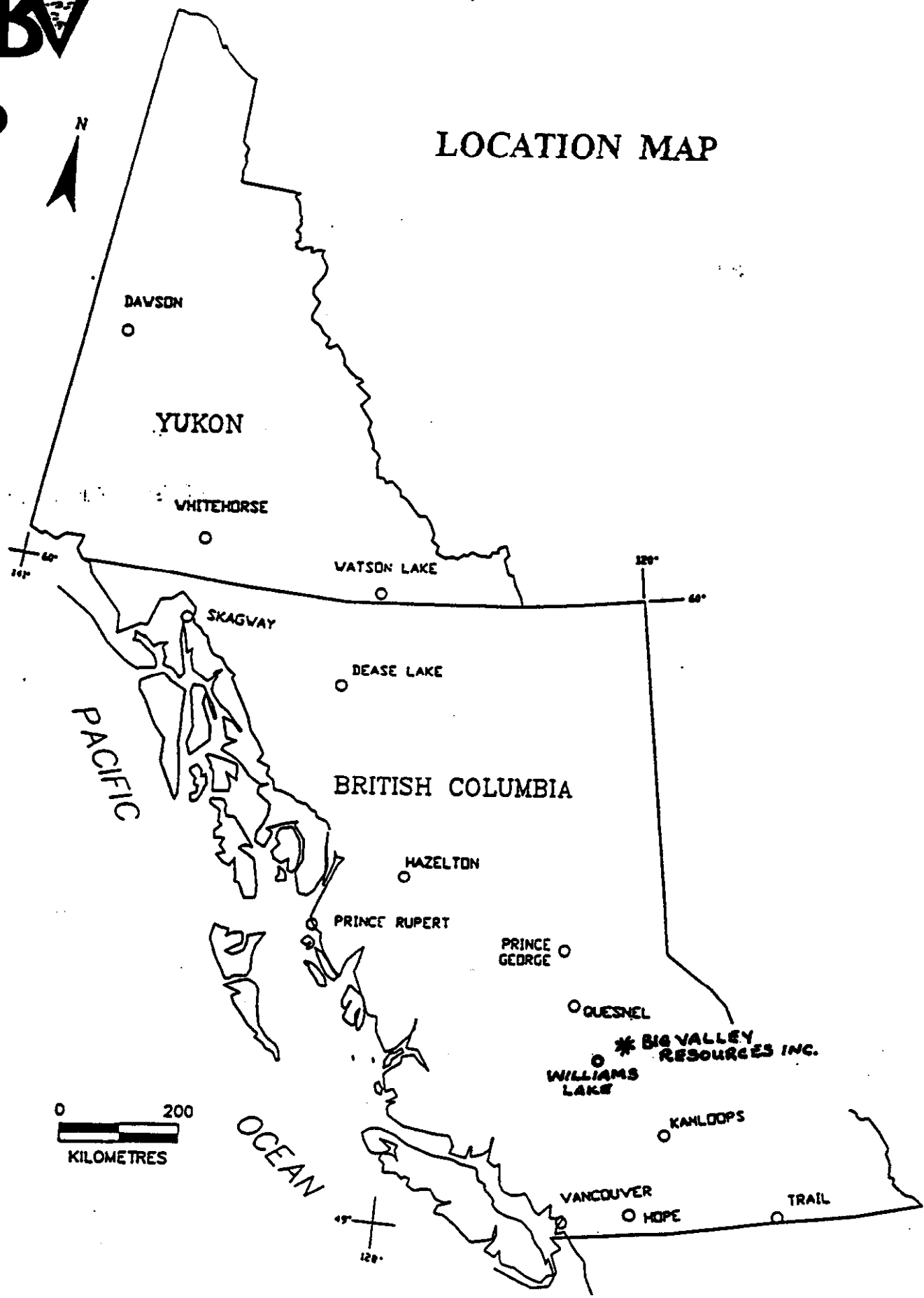
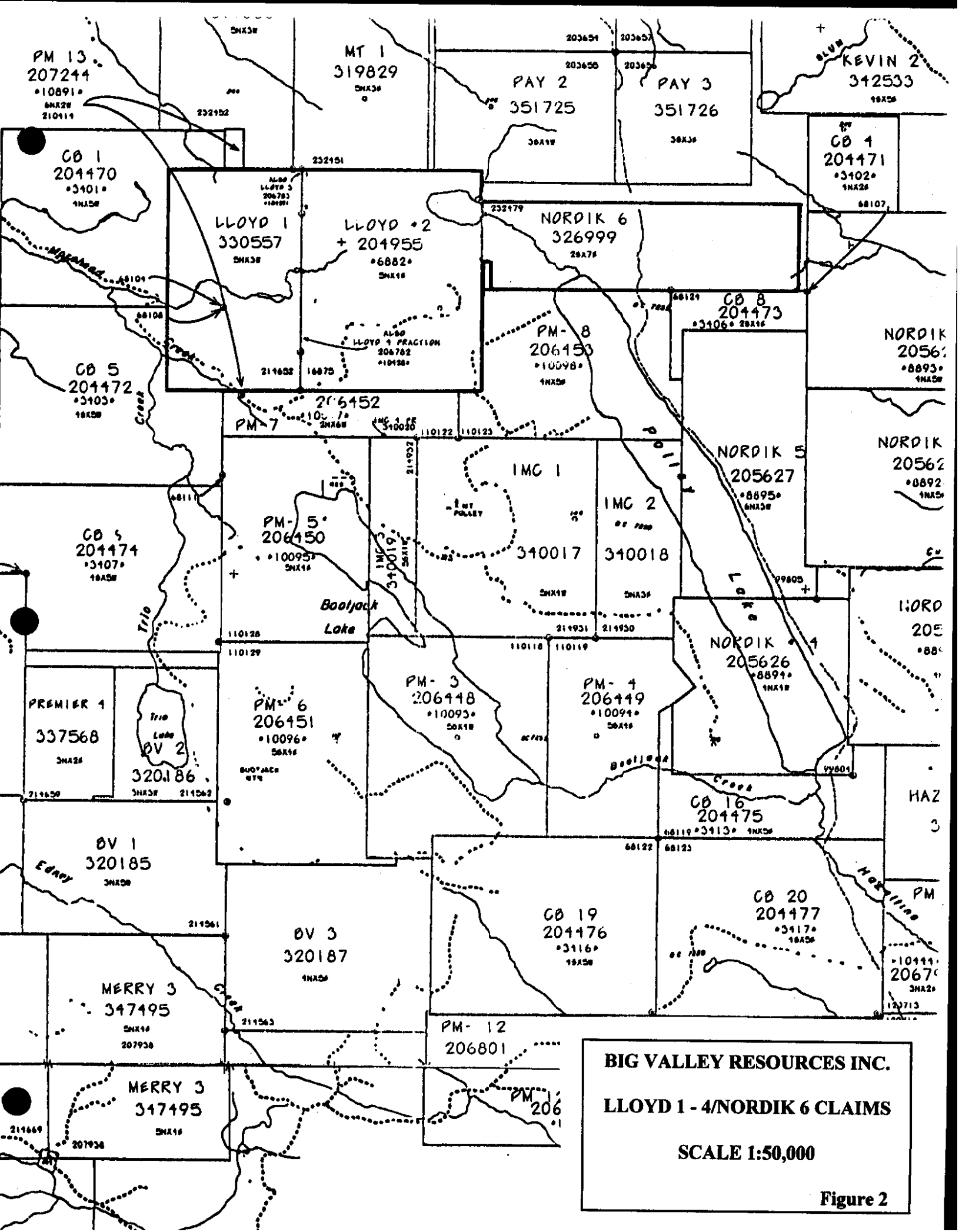
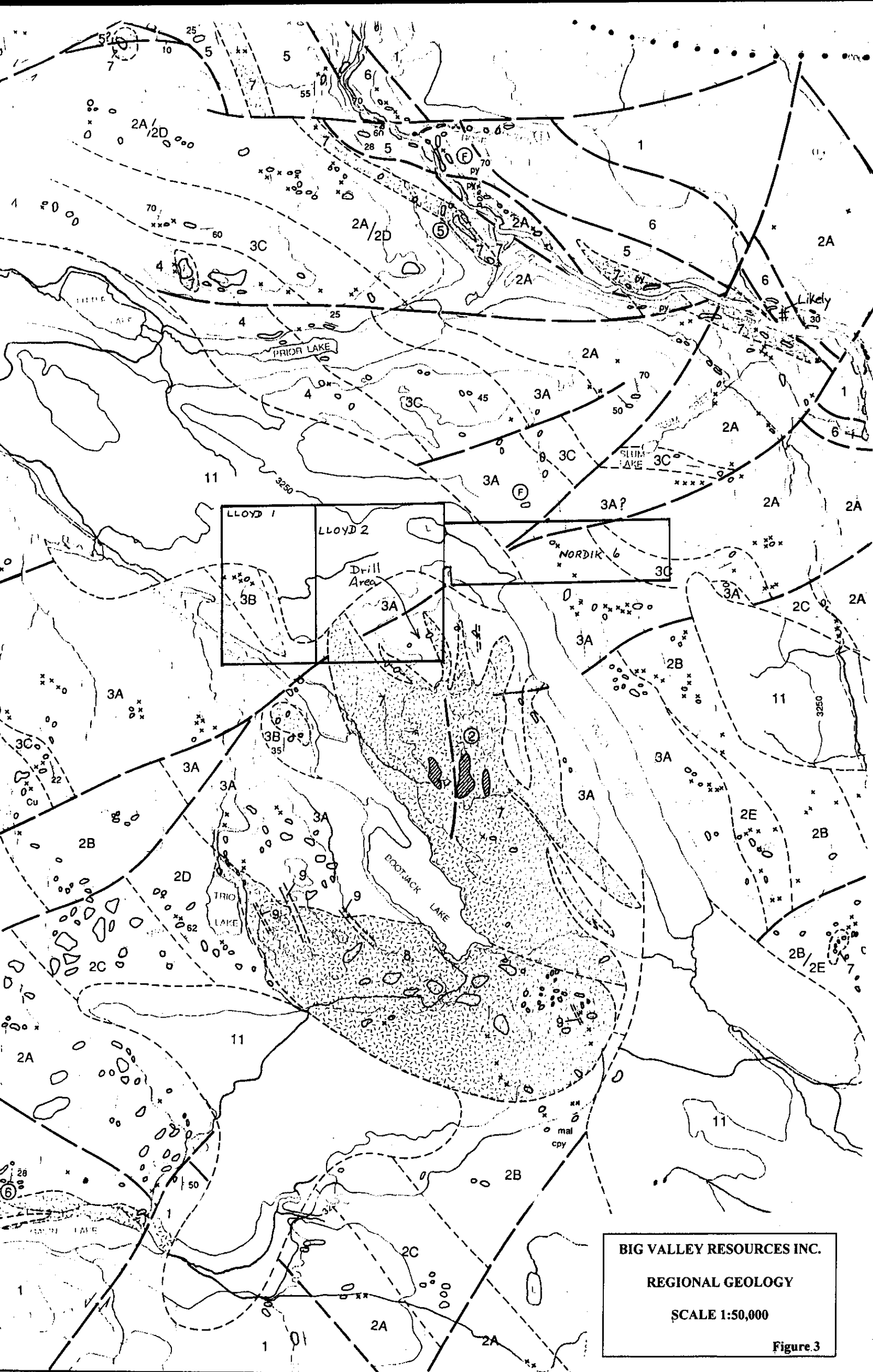


Figure 1



BIG VALLEY RESOURCES INC.
LLOYD 1 - 4/NORDIK 6 CLAIMS
SCALE 1:50,000
Figure 2

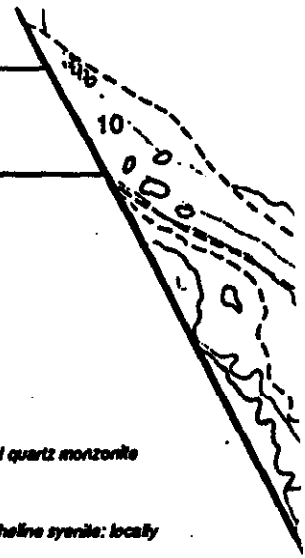


BIG VALLEY RESOURCES INC.
REGIONAL GEOLOGY
SCALE 1:50,000
Figure 3

LEGEND

SEDIMENTARY AND VOLCANIC ROCKS

INTRUSIVE ROCKS



TERTIAL	PLEISTOCENE	11	Glacial, fluvio-glacial and fluvial gravel and sand
	MIOCENE	10	Green, grey and maroon plateau basalt (alkali olivine basalt)
CRETACEOUS			
JASSIC	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	Latic crystal tuff, tuff breccia and tuffaceous sandstone; minor latite flow breccia
		3A	Maroon and grey polytuff 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
		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
TRIASSIC	NORIAN	2D	Hornblende-bearing pyroxene basalt
		2C	Polytuffic, 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 volcaniclastic towards top. Minor conglomerate and dark grey limestone
CARNIAN			



Grey hornblende granodiorite and quartz monzonite



Fine- to coarse-grained grey nepheline syenite; locally orbicular



Grey and pink, medium fine grained monzonite, monzodiorite, syenodiorite and syenite; pyroxene and/or hornblende-bearing

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 'Geoxpo '88' 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).

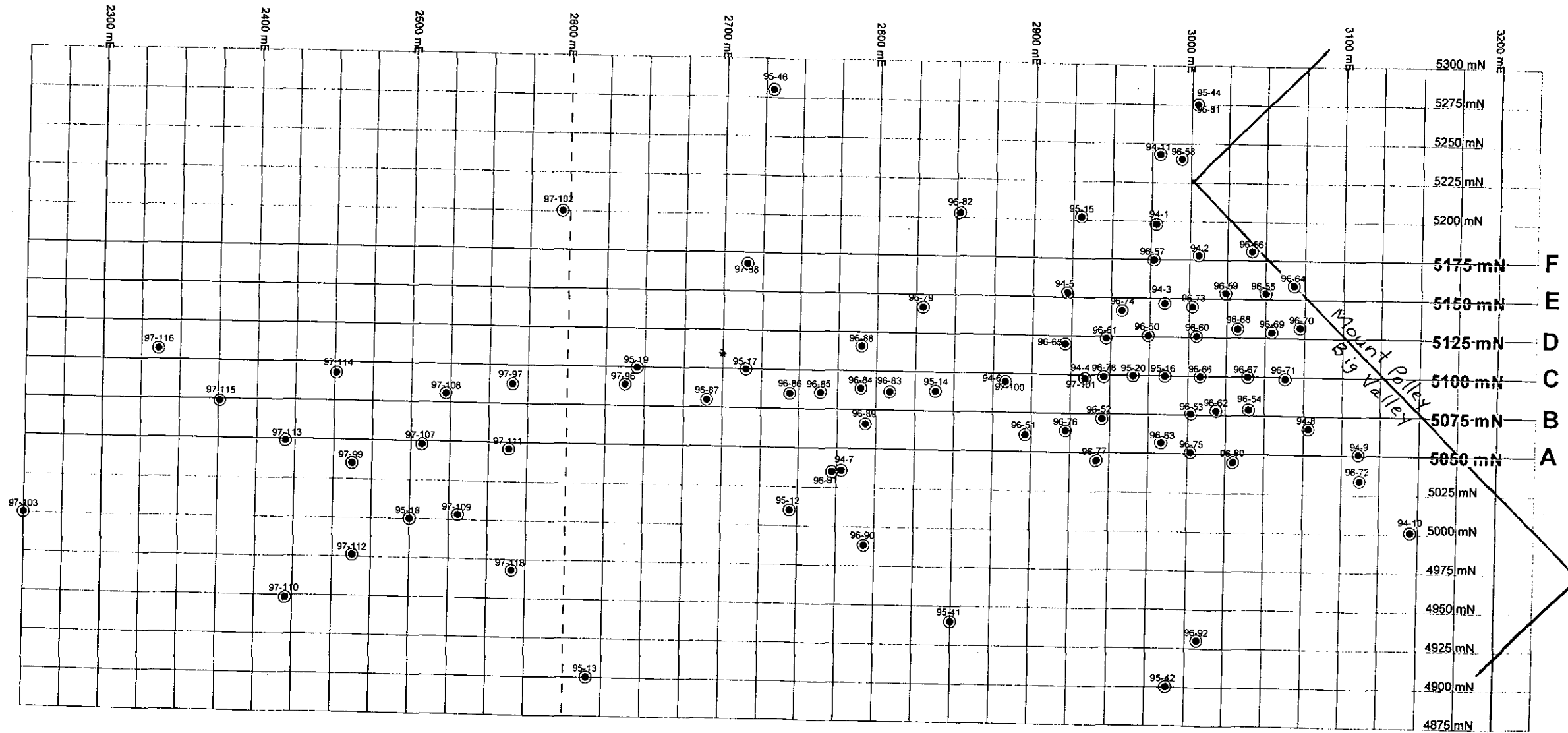
In the project area, a belt of mafic and felsic volcanic rocks, comagmatic alkaline stocks and dyke complexes make up the Quesnel Trough. The belt is somewhat symmetrical around a central axis of felsic volcanics that are in turn flanked on the east and west by mafic volcanics and sediments.

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.



Drill Collar and Cross-section Locations: LLOYD-NORDIK Project



1cm = 25m

July 11, 1997

DIAMOND DRILLING

Diamond drilling on Big Valley Resources claims has been ongoing at various times in different areas since 1994. In 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	97-114	-90°	5,093	2,451	212.4	1,050
Lloyd 2	97-118	-90°	4,968	2,566	213.4	1,050

Drill hole 97-114 and 97-118 are part of the ongoing drilling program on the Lloyd 2 claim (see Figure 4). The two drill holes are located approximately 500 metres west of the Main Zone mineralization. Drilling cored volcanic flows, quartz monzonite and intrusion breccias. The intrusion breccia appears to be the main host of the low grade copper mineralization. The best copper section in 97-114 assayed 0.22% copper over 20 metres and included 6 metres of 0.44% copper. Associated with the higher copper values were 8 metres of 0.44 g/t gold.

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	
425.8 metres @ \$59/metre - all inclusive	\$25,122.20
Sample Prep and Assay 153 @ \$18.00/Sample	2,754.00
(Prep \$5.00, Assay ICP \$5.50, Au \$7.50)	
Freight - samples to Kamloops	125.00
Report Preparation	
S. Tennant - 3 days @ \$250/day	<u>750.00</u>
	<u>\$28,751.20</u>

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 18th day of September 1998.

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, Quesnel 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

RID: _____

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				MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS				EST. GRADE
		Rock Type	Alteration	Footage	Structure						JOINT OR CONTACT ANGLES	% PYRITE	SAMPLE No.		
	Some sections look like a Febic Intrusion Breccia. No distinct contacts.														
	Random carbonate blebs and stringers														
188-203.2 Qtz Monzonite grey-green fairly fine grained.	Faint br. K-Spar alt. Hairline stringers of carbonate. Diss mag. Some mag up to 50mm.					Very fine diss py.	Fairly mag.	95							
203.2-213.4 Qtz Monzonite As above only or-br colored.	Much stronger K-Spar Alt. Less carbonate stringers as above section. Diss mag. Few scattered blebs up to 40mm mag.					Some finely diss py.	Fairly mag.								

EOH. 213.4 (100ft)

Appendix II
Assay Sheets



**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 97-490

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

13-Jun-97


ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 48
Sample type: CORE
PROJECT #: LLOYD-NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Post-it™ Fax Note	7671E	Date	Jun 13	# of Pages	2
To	Stu Tennant		From		
Co./Dept.			Co		
Phone #			Phone #		
Fax #			Fax #		

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	278851 116-7-118	<.03	<.001	0.02
2	278852	<.03	<.001	0.03
3	278853 120-122	<.03	<.001	0.02
4	278854	<.03	<.001	0.02
5	278855	<.03	<.001	<.01
6	278856	<.03	<.001	<.01
7	278857	<.03	<.001	<.01
8	278858 120-122	<.03	<.001	<.01
9	278859	<.03	<.001	0.01
10	278860	<.03	<.001	0.01
11	278861	<.03	<.001	0.02
12	278862	<.03	<.001	0.01
13	278863 140-142	<.03	<.001	0.01
14	278864	<.03	<.001	0.02
15	278865	<.03	<.001	0.01
16	278866	<.03	<.001	<.01
17	278867	<.03	<.001	<.01
18	278868 150-152	<.03	<.001	<.01
19	278869	<.03	<.001	<.01
20	278870	<.03	<.001	<.01
21	278871	<.03	<.001	<.01
22	278872 158-160	<.03	<.001	<.01

97-114


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

BIG VALLEY RESOURCES AK 97-490

13-Jun-97

ET #.	Tag #		Au (g/t)	Au (oz/t)	Cu (%)
23	278873	160-162	<.03	<.001	<.01
24	278874		<.03	<.001	<.01
25	278875		<.03	<.001	0.30
26	278876		<.03	<.001	0.01
27	278877		<.03	<.001	<.01
28	278878	170-172	<.03	<.001	0.05
29	278879		<.03	<.001	0.39
30	278880		0.27	0.008	0.50
31	278881		1.09	0.032	0.58
32	278882		0.25	0.007	0.09
33	278883	180-182	0.14	0.004	0.10
34	278884		0.07	0.002	0.22
35	278885		<.03	<.001	0.04
36	278886		<.03	<.001	0.01
37	278887		<.03	<.001	0.02
38	278888	190-192	<.03	<.001	0.01
39	278889		<.03	<.001	0.01
40	278890		<.03	<.001	0.02
41	278891		<.03	<.001	0.02
42	278892		<.03	<.001	0.01
43	278893	200-202	<.03	<.001	0.01
44	278894		<.03	<.001	0.01
45	278895		<.03	<.001	0.05
46	278896		<.03	<.001	0.01
47	278897		<.03	<.001	0.07
48	278898	210-212.4	<.03	<.001	0.03

E0H

QC/DATA:Resplit:

1	278851	<.03	<.001	0.01
36	278886	<.03	<.001	0.01

Repeat:

1	278851	<.03	<.001	0.01
10	278860	<.03	<.001	-
19	278869	<.03	<.001	-
36	278886	<.03	<.001	-
38	278888	-	-	0.01

Standard:

STD-M	1.40	0.041	-
STD-M	1.33	0.039	-
Mp-IA	-	-	1.44
CPb-1	-	-	0.25

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

ECO-TECH LABORATORIES LTD.

Page 2


 ECO-TECH LABORATORIES LTD.

per Frank J. Pezzotti, A.Sc.T.

B.C. Certified Assayer

19-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 97-490

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

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 48
Sample type: CORE
PROJECT #: LLOYD-NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Post-it Fax Note	7671E	Date	Jun 19	# of pages	3
To	Stu Tennant				
From					
Co./Dept.	Co.				
Phone #	Phone #				
Fax #	Fax #				

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	278851	0.6	1.56	20	75	<5	6.64	1	18	98	268	3.91	20	1.99	2039	7	0.04	48	1100	26	10	<20	172	0.05	<10	131	<10	13	91
2	278852	0.6	1.09	15	60	<5	4.77	<1	14	28	342	3.55	10	0.87	1436	4	0.04	2	930	40	<5	<20	122	0.01	<10	109	<10	14	110
3	278853	0.4	1.06	<5	60	<5	5.67	1	12	34	234	3.49	10	0.83	1502	8	0.04	2	840	44	10	<20	130	<0.01	<10	107	<10	12	112
4	278854	0.6	1.07	10	55	<5	5.36	<1	12	28	333	3.49	20	0.80	1505	13	0.03	1	930	54	10	<20	140	<0.01	<10	108	<10	14	122
5	278855	0.6	1.03	40	55	<5	4.21	<1	12	43	145	3.47	10	0.71	1244	19	0.04	3	850	80	5	<20	107	<0.01	<10	99	<10	11	113
6	278856	0.4	1.09	5	60	<5	4.35	<1	11	30	45	3.04	<10	0.74	1171	8	0.05	3	850	34	5	<20	144	<0.01	<10	112	<10	15	63
7	278857	0.4	1.02	10	60	<5	3.44	<1	12	34	48	3.31	<10	0.90	1112	3	0.05	4	830	26	5	<20	107	0.01	<10	118	<10	11	65
8	278858	0.4	1.09	5	75	<5	3.72	<1	11	48	54	3.34	10	0.97	1262	6	0.06	3	840	20	5	<20	106	0.02	<10	128	<10	15	70
9	278859	0.6	1.13	15	55	<5	3.10	<1	13	51	71	3.38	10	1.01	1133	8	0.06	4	870	110	10	<20	93	0.01	<10	109	<10	12	85
10	278860	0.4	1.13	<5	60	<5	3.71	<1	13	23	164	3.38	10	0.97	1370	12	0.03	3	900	132	<5	<20	112	0.02	<10	101	<10	13	80
11	278861	0.4	1.26	20	65	<5	3.71	<1	13	22	200	3.47	10	1.03	1591	18	0.03	2	810	38	15	<20	124	0.04	<10	107	<10	13	75
12	278862	0.4	1.23	15	70	<5	4.26	<1	13	34	190	3.53	20	1.00	1579	21	0.04	3	900	58	15	<20	119	0.02	<10	119	<10	13	71
13	278863	0.4	1.41	10	65	<5	4.51	<1	16	36	194	3.94	10	1.21	1737	13	0.04	3	1050	40	5	<20	127	0.08	<10	144	<10	14	74
14	278864	0.4	1.27	<5	65	<5	4.41	<1	15	21	258	3.92	10	1.16	1689	10	0.04	2	940	90	10	<20	107	0.09	<10	150	<10	12	79
15	278865	0.2	1.82	<5	75	<5	4.83	<1	17	45	223	4.26	10	1.84	1933	7	0.04	26	1300	86	15	<20	190	0.09	<10	141	<10	16	77
16	278866	<0.2	2.54	<5	70	<5	3.39	2	19	8	47	6.23	<10	1.83	2497	3	0.05	5	1720	138	<5	<20	248	0.07	<10	118	<10	26	451
17	278867	<0.2	2.85	15	70	10	4.51	<1	27	9	25	8.47	<10	2.89	2534	<1	0.04	2	1100	76	15	<20	287	0.16	<10	101	<10	14	95
18	278868	<0.2	3.13	<5	80	15	4.38	<1	29	6	20	>10	<10	3.47	2684	3	0.04	5	1190	64	15	<20	238	0.15	<10	115	<10	14	131
19	278869	<0.2	3.23	<5	75	15	4.09	<1	18	17	16	9.64	<10	3.82	3300	3	0.04	<1	1170	58	10	<20	159	0.09	<10	118	<10	9	147
20	278870	<0.2	3.25	<5	140	15	3.67	1	20	10	15	>10	<10	3.78	3380	4	0.04	3	1020	50	5	<20	161	0.13	<10	119	<10	8	172

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
21	278871	<0.2	3.61	<5	340	10	4.48	<1	15	16	13	7.00	<10	4.66	4050	1	0.04	<1	1140	46	25	<20	227	0.16	<10	126	<10	27	144
22	278872	<0.2	3.76	<5	315	10	4.13	1	15	4	13	6.65	<10	5.19	4098	2	0.04	<1	1220	58	30	<20	271	0.11	<10	120	<10	28	150
23	278873	<0.2	3.32	<5	115	5	4.80	<1	16	26	20	5.48	<10	3.65	3830	<1	0.04	5	1310	58	20	<20	234	0.13	<10	129	<10	29	118
24	278874	<0.2	2.93	<5	205	<5	4.49	<1	17	12	31	5.33	<10	3.12	3225	<1	0.04	<1	1380	90	25	<20	219	0.09	<10	124	<10	26	137
25	278875	0.6	3.92	<5	275	<5	5.61	4	24	14	3042	6.20	<10	3.14	3197	3	0.05	5	2460	202	15	<20	270	0.03	<10	179	<10	24	725
26	278876	0.4	3.99	10	160	<5	4.30	<1	28	7	180	6.78	<10	2.88	3308	3	0.04	4	1850	318	20	<20	269	0.03	<10	148	<10	20	291
27	278877	0.2	2.66	<5	340	<5	5.27	<1	13	20	61	4.65	<10	2.26	3086	4	0.04	2	1240	172	25	<20	264	0.04	<10	109	<10	27	201
28	278878	0.4	4.39	5	140	<5	4.57	2	27	16	583	7.03	<10	3.40	3715	5	0.04	8	1910	484	20	<20	259	0.02	<10	182	<10	19	1071
29	278879	<0.2	3.18	10	145	<5	4.49	<1	23	20	3833	5.72	10	3.15	4677	2	0.05	4	1540	118	20	<20	147	0.08	<10	315	<10	23	407
30	278880	5.0	3.77	10	90	<5	5.55	<1	25	11	5081	5.66	10	2.95	4115	2	0.04	5	1690	260	15	<20	265	0.05	<10	195	<10	17	247
31	278881	6.6	3.17	<5	70	<5	8.81	<1	25	15	5706	4.07	20	3.88	6134	<1	0.04	1	710	20	30	<20	269	0.13	<10	214	<10	11	256
32	278882	1.6	2.64	<5	80	<5	7.48	<1	20	23	1123	4.53	20	2.71	5513	2	0.04	2	940	18	20	<20	228	0.08	<10	267	<10	14	349
33	278883	1.4	2.31	<5	60	<5	6.60	<1	20	32	1313	4.44	20	2.11	3786	<1	0.04	2	1090	16	15	<20	241	0.12	<10	234	<10	19	251
34	278884	2.0	2.17	15	70	<5	7.60	<1	25	19	2420	6.19	40	1.80	3521	3	0.03	5	2000	16	10	<20	285	0.07	<10	276	<10	18	206
35	278885	0.6	1.93	<5	100	<5	6.15	<1	15	20	658	3.98	20	1.70	2544	<1	0.03	3	1150	16	20	<20	250	0.11	<10	223	<10	18	367
36	278886	0.6	1.98	<5	480	<5	6.46	2	16	27	243	4.43	10	1.69	2716	2	0.04	3	1070	24	20	<20	223	0.09	<10	205	<10	14	620
37	278887	0.4	1.74	10	255	<5	6.26	<1	20	28	421	4.03	10	1.38	2529	<1	0.03	3	1170	18	15	<20	225	0.16	<10	167	<10	22	177
38	278888	0.4	1.64	10	255	<5	5.89	<1	18	32	248	3.83	10	1.25	2478	<1	0.03	2	1090	16	15	<20	219	0.19	<10	161	<10	21	176
39	278889	<0.2	1.62	<5	510	<5	5.89	1	16	17	221	3.85	10	1.22	2578	<1	0.03	2	1220	16	10	<20	217	0.16	<10	147	<10	21	166
40	278890	0.2	1.94	<5	290	<5	6.73	2	21	15	334	4.96	20	1.69	3202	<1	0.04	4	1780	18	10	<20	211	0.20	<10	207	<10	23	206
41	278891	0.2	1.82	<5	415	<5	6.56	3	20	25	346	5.17	20	1.59	2958	<1	0.04	3	1630	24	10	<20	236	0.21	<10	224	<10	21	209
42	278892	0.2	1.60	<5	340	<5	6.92	<1	17	27	171	4.26	10	1.16	2995	<1	0.03	2	1210	16	15	<20	202	0.17	<10	154	<10	20	149
43	278893	0.4	1.55	5	125	<5	6.19	<1	18	17	273	4.33	10	1.17	2740	<1	0.03	3	1310	22	10	<20	180	0.17	<10	140	<10	21	150
44	278894	0.4	1.52	<5	360	<5	6.15	<1	16	18	305	3.76	10	1.15	2572	<1	0.03	3	1300	20	15	<20	181	0.17	<10	116	<10	22	156
45	278895	0.4	1.53	5	205	<5	5.37	2	17	26	742	3.91	10	1.15	2410	<1	0.04	2	1270	30	10	<20	168	0.20	<10	135	<10	25	169
46	278896	0.6	1.48	<5	160	<5	5.50	<1	16	29	321	4.01	10	1.12	2449	<1	0.03	3	1190	20	10	<20	188	0.11	<10	137	<10	18	140
47	278897	1.2	1.37	<5	265	<5	4.96	1	15	21	1007	3.60	10	1.03	2126	<1	0.04	2	1090	20	10	<20	186	0.12	<10	133	<10	23	124
48	278898	0.6	1.21	<5	245	<5	4.24	1	13	25	487	3.41	<10	0.97	1670	<1	0.03	4	1030	30	15	<20	164	0.10	<10	121	<10	20	145

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:																													
Repeat:																													
1	278851	0.6	1.51	20	85	<5	6.64	<1	18	98	258	3.91	10	1.94	2039	7	0.04	49	1120	30	20	<20	165	0.05	<10	130	<10	14	96
10	278860	0.6	1.12	10	55	<5	3.79	<1	14	24	162	3.49	10	0.95	1402	12	0.03	3	930	136	10	<20	111	0.02	<10	101	<10	12	83
19	278869	<0.2	3.33	<5	75	15	4.20	2	19	17	16	9.92	<10	3.93	3378	5	0.04	3	1230	62	25	<20	163	0.09	<10	122	<10	11	152
36	278886	0.6	1.94	<5	475	<5	6.43	2	16	27	240	4.41	10	1.69	2717	1	0.03	2	1100	26	10	<20	218	0.09	<10	201	<10	14	629
Resplit:																													
1	278851	0.6	1.50	20	80	<5	6.84	<1	19	93	258	4.09	10	1.84	2072	7	0.04	48	1160	36	15	<20	161	0.05	<10	132	<10	15	111
36	278886	0.4	1.90	<5	520	<5	6.35	2	16	21	252	4.38	20	1.65	2675	2	0.03	4	1090	26	15	<20	214	0.08	<10	200	<10	15	614
Standard:																													
GEO'97		1.4	1.83	60	170	<5	1.95	<1	21	67	93	4.31	<10	1.09	732	<1	0.02	29	670	20	10	<20	68	0.14	<10	84	<10	10	72
GEO'97		1.2	1.81	65	180	<5	1.96	1	21	66	86	4.38	<10	1.09	741	<1	0.02	24	690	21	10	<20	70	0.05	<10	86	<10	10	74

dt/470
 XLS/97Big Valley
 fax: 243-2335
 cc: fax: 257-3650 stu tennant


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**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 97-607

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


2-Jul-97

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 105
Sample type: CORE
PROJECT #: LLOYD-NORDIK
SHIPMENT #: NONE GIVEN
Samples submitted by: BIG VALLEY

Post-it™ Fax Note	7671E	Date	July 2	# of pages	▶
To	Stu Tennant		From		
Co./Dept.			Co.		
Phone #			Phone #		
Fax #			Fax #		

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)	
1	279139 366-7	<.03	<.001	0.03	97-118
2	279140 6-8	<.03	<.001	0.03	
3	279141	<.03	<.001	0.02	
4	279142	<.03	<.001	0.02	
5	279143	<.03	<.001	0.02	
6	279144	<.03	<.001	0.05	
7	279145 16-18	<.03	<.001	0.04	
8	279146	<.03	<.001	0.04	
9	279147	<.03	<.001	0.04	
10	279148	<.03	<.001	0.03	
11	279149	<.03	<.001	0.03	
12	279150 26-28	<.03	<.001	0.02	
13	279151	<.03	<.001	0.02	
14	279152	<.03	<.001	0.03	
15	279153	<.03	<.001	0.01	
16	279154	<.03	<.001	0.01	
17	279155 36-38	<.03	<.001	0.02	
18	279156	<.03	<.001	0.02	
19	279157	<.03	<.001	0.02	
20	279158	<.03	<.001	0.02	
21	279159 44-46	<.03	<.001	0.02	

per 
ECO-TECH LABORATORIES LTD.
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ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)	97-118
22	279160 46-48	<.03	<.001	0.02	
23	279161	<.03	<.001	0.02	
24	279162	<.03	<.001	0.01	
25	279163	<.03	<.001	0.02	
26	279164	<.03	<.001	0.01	
27	279165 56-58	<.03	<.001	0.03	
28	279166	<.03	<.001	0.03	
29	279167	<.03	<.001	0.01	
30	279168	<.03	<.001	0.01	
31	279169	<.03	<.001	0.02	
32	279170 66-68	<.03	<.001	0.02	
33	279171	<.03	<.001	0.02	
34	279172	0.09	0.003	0.03	
35	279173	<.03	<.001	0.03	
36	279174	<.03	<.001	0.02	
37	279175 76-78	<.03	<.001	0.02	
38	279176	<.03	<.001	0.03	
39	279177	<.03	<.001	0.03	
40	279178	<.03	<.001	0.03	
41	279179	<.03	<.001	0.04	
42	279180 86-88	<.03	<.001	0.03	
43	279181	<.03	<.001	0.04	
44	279182	<.03	<.001	0.02	
45	279183	<.03	<.001	0.03	
46	279184	<.03	<.001	0.01	
47	279185 96-98	<.03	<.001	0.02	
48	279186	<.03	<.001	0.01	
49	279187	<.03	<.001	0.02	
50	279188	<.03	<.001	0.01	
51	279189	<.03	<.001	0.01	
52	279190 106-108	<.03	<.001	0.02	
53	279191	<.03	<.001	0.02	
54	279192	<.03	<.001	0.01	
55	279193	<.03	<.001	0.01	
56	279194	<.03	<.001	0.02	
57	279195 116-118	<.03	<.001	0.02	
58	279196	<.03	<.001	0.02	
59	279197	<.03	<.001	0.03	
60	279198	<.03	<.001	0.02	
61	279199	<.03	<.001	0.01	
62	279200 126-128	<.03	<.001	0.02	
63	279201	<.03	<.001	0.04	


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BIG VALLEY RESOURCES AK 97-807

2-Jul-97

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)	97-118	
64	279202	<.03	<.001	0.06		
65	279203	<.03	<.001	0.04		
66	279204	<.03	<.001	0.05		
67	279205	136 - 138	<.03	<.001	0.03	
68	279206		<.03	<.001	0.05	
69	279207		<.03	<.001	0.03	
70	279208		<.03	<.001	0.03	
71	279209		<.03	<.001	0.04	
72	279210	146 - 148	<.03	<.001	0.03	
73	279211		<.03	<.001	0.05	
74	279212		<.03	<.001	0.06	
75	279213		<.03	<.001	0.05	
76	279214		<.03	<.001	0.05	
77	279215	156 - 158	<.03	<.001	0.09	
78	279216		<.03	<.001	0.10	
79	279217		<.03	<.001	0.11	
80	279218		<.03	<.001	0.09	
81	279219		<.03	<.001	0.09	
82	279220	166 - 168	<.03	<.001	0.08	
83	279221		<.03	<.001	0.08	
84	279222		<.03	<.001	0.09	
85	279223		<.03	<.001	0.09	
86	279224		<.03	<.001	0.08	
87	279225	176 - 178	<.03	<.001	0.15	
88	279226		<.03	<.001	0.14	
89	279227		<.03	<.001	0.14	
90	279228		<.03	<.001	0.07	
91	279229		<.03	<.001	0.07	
92	279230	186 - 188	<.03	<.001	0.06	
93	279231		<.03	<.001	0.03	
94	279232		<.03	<.001	0.03	
95	279233		<.03	<.001	0.02	
96	279234		<.03	<.001	0.03	
97	279235	196 - 198	<.03	<.001	0.02	
98	279236		<.03	<.001	0.02	
99	279237		<.03	<.001	0.03	
100	279238		<.03	<.001	0.02	
101	279239		<.03	<.001	0.01	
102	279240	206 - 208	<.03	<.001	0.02	
103	279241		<.03	<.001	0.01	
104	279242		<.03	<.001	0.02	
<u>Eot.</u>	105	279243	212 - 213.4	<.03	<.001	0.01



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ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
QC/DATA:				
Resplit:				
1	279139	<.03	<.001	0.02
36	279174	<.03	<.001	0.02
71	279209	<.03	<.001	0.05
Repeat:				
1	279139	<.03	<.001	0.02
10	279148	<.03	<.001	
19	279157	<.03	<.001	
36	279174	<.03	<.001	
38	279176	<.03	<.001	0.03
45	279183	<.03	<.001	
54	279192	<.03	<.001	
71	279209	<.03	<.001	
75	279213	<.03	<.001	0.06
80	279218	<.03	<.001	
89	279227	<.03	<.001	
Standard:				
	STD-M	1.45	0.042	
	STD-M	1.64	0.048	
	STD-M	1.51	0.044	
	Mp-IA			1.44
	Mp-IA			1.44
	Mp-IA			1.44

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

4-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 97-607

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

ATTENTION: LLOYD TATTERSALL/STU TENNANT

No. of samples received: 105
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	279139	<0.2	2.47	15	65	<5	2.96	1	21	17	192	5.05	10	1.75	866	8	0.04	4	1560	66	20	<20	52	0.04	<10	175	<10	24	40
2	279140	<0.2	2.41	5	170	<5	3.43	<1	19	14	192	5.10	10	1.81	1154	6	0.04	3	1570	38	25	<20	68	0.05	<10	188	<10	24	16
3	279141	<0.2	2.45	<5	210	<5	3.39	<1	19	14	194	5.53	10	1.69	1267	7	0.04	4	1690	64	15	<20	87	0.04	<10	199	<10	23	13
4	279142	<0.2	2.79	10	225	<5	2.05	<1	21	12	223	5.78	<10	2.20	1976	5	0.04	5	1590	34	20	<20	80	0.06	<10	217	<10	18	11
5	279143	<0.2	2.99	15	165	<5	2.49	<1	20	12	239	5.53	10	2.62	2473	6	0.06	5	1540	26	30	<20	95	0.04	<10	214	<10	23	32
6	279144	0.6	2.43	25	55	<5	1.95	<1	23	15	361	4.98	10	1.48	893	4	0.04	4	1670	96	20	<20	105	0.05	<10	139	10	24	<1
7	279145	0.6	2.84	15	115	<5	2.42	<1	21	15	344	4.33	10	2.24	2359	6	0.05	5	1640	48	25	<20	111	0.05	<10	191	<10	26	23
8	279146	0.4	3.14	10	230	<5	2.93	<1	18	13	326	4.92	10	2.84	3927	5	0.05	3	1500	20	25	<20	124	0.05	<10	211	<10	21	119
9	279147	0.4	3.33	<5	360	<5	3.14	<1	18	13	352	5.16	10	3.75	5486	4	0.08	4	1460	38	35	<20	119	0.05	<10	234	<10	22	219
10	279148	0.4	3.62	10	240	<5	3.31	<1	19	14	282	5.00	10	4.05	4899	3	0.09	2	1500	82	30	<20	128	0.05	<10	233	<10	24	280
11	279149	0.2	3.52	20	265	<5	3.09	<1	18	11	267	5.20	10	3.57	3867	6	0.06	3	1470	104	20	<20	129	0.04	<10	227	<10	22	326
12	279150	<0.2	2.90	<5	395	<5	2.76	<1	17	17	196	5.22	10	2.51	2433	4	0.05	3	1410	174	20	<20	117	0.03	<10	229	<10	22	272
13	279151	<0.2	2.66	<5	190	<5	3.05	<1	19	15	160	5.43	10	2.00	1753	5	0.04	5	1590	72	20	<20	138	0.02	<10	221	<10	19	187
14	279152	0.2	2.53	45	55	<5	2.57	<1	24	20	197	5.92	10	1.90	1090	10	0.05	5	1870	176	20	<20	108	0.03	<10	218	<10	19	137
15	279153	<0.2	2.76	5	95	<5	3.72	<1	23	17	177	5.50	10	1.76	1275	4	0.05	5	1890	40	10	<20	126	0.02	<10	219	<10	24	151
16	279154	<0.2	2.61	<5	180	<5	3.40	<1	22	18	160	6.04	10	1.73	1804	7	0.05	7	1880	44	15	<20	129	0.02	<10	217	<10	19	173
17	279155	<0.2	2.89	5	125	<5	3.13	<1	24	17	177	6.44	10	2.24	2222	6	0.05	5	1870	28	15	<20	130	0.03	<10	240	<10	17	181
18	279156	<0.2	2.21	10	120	<5	3.71	<1	19	19	217	5.11	10	1.93	2164	4	0.04	4	1300	20	25	<20	120	0.02	<10	209	<10	17	158
19	279157	<0.2	2.32	<5	130	<5	3.85	<1	19	15	205	5.26	<10	2.07	2671	4	0.04	4	1450	22	20	<20	160	0.03	<10	220	<10	18	176
20	279158	<0.2	2.24	<5	450	<5	4.29	<1	19	10	126	5.39	<10	1.98	2118	<1	0.06	4	1630	16	20	<20	1402	0.13	<10	218	<10	27	85
21	279159	<0.2	2.34	<5	265	<5	4.18	<1	20	25	126	5.15	<10	2.26	2074	<1	0.04	2	1600	14	20	<20	5039	0.11	<10	207	<10	26	48
22	279160	<0.2	2.11	<5	110	<5	5.17	<1	20	6	139	5.22	<10	2.02	2000	1	0.03	2	1700	18	15	<20	426	0.06	<10	195	<10	23	62
23	279161	<0.2	1.84	<5	55	<5	4.57	<1	19	17	129	4.95	<10	1.77	1722	2	0.03	3	1570	18	20	<20	334	0.06	<10	183	<10	21	64
24	279162	<0.2	2.19	5	75	<5	4.71	<1	21	7	123	5.27	<10	2.06	1874	2	0.03	2	1670	22	15	<20	360	0.07	<10	198	<10	24	62
25	279163	<0.2	2.15	5	65	<5	4.33	<1	20	14	147	5.22	<10	2.03	1813	4	0.03	2	1560	24	25	<20	360	0.05	<10	190	<10	21	61

BIG VALLEY RESOURCES

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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	279164	<0.2	1.89	15	55	<5	4.74	<1	20	6	115	5.22	<10	1.84	1897	4	0.03	2	1680	20	25	<20	364	0.01	<10	179	<10	20	78
27	279165	<0.2	2.26	25	50	<5	4.60	<1	22	18	179	5.67	<10	2.09	1978	2	0.04	1	1750	32	20	<20	287	0.08	<10	202	<10	21	108
28	279166	<0.2	2.23	20	70	<5	5.45	<1	21	18	210	5.41	10	1.86	2175	4	0.04	4	1580	38	20	<20	207	0.02	<10	218	<10	22	93
29	279167	<0.2	2.46	20	70	<5	5.03	<1	25	29	152	5.96	<10	2.17	1955	2	0.04	5	1940	40	20	<20	211	0.14	<10	228	<10	24	88
30	279168	<0.2	2.20	<5	80	<5	4.44	<1	22	9	119	5.41	<10	2.07	1884	<1	0.04	3	1710	28	25	<20	303	0.14	<10	207	<10	25	89
31	279169	<0.2	2.28	<5	50	<5	4.41	<1	23	16	121	5.34	<10	1.92	1781	<1	0.11	2	1670	28	30	<20	1311	0.21	<10	209	<10	31	65
32	279170	<0.2	2.32	25	55	<5	4.73	<1	24	11	110	5.25	<10	1.85	1647	<1	0.05	3	1580	30	20	<20	302	0.26	<10	212	<10	30	64
33	279171	<0.2	2.33	15	60	<5	5.34	1	25	19	130	5.63	<10	2.00	1853	<1	0.04	2	1820	32	20	<20	262	0.26	<10	223	<10	34	65
34	279172	<0.2	1.80	<5	185	<5	4.37	<1	19	8	106	4.79	<10	1.85	1607	<1	0.03	3	1620	20	20	<20	237	0.13	<10	184	<10	23	56
35	279173	<0.2	1.84	<5	45	<5	4.85	<1	21	16	126	5.27	<10	1.68	1664	<1	0.04	3	1670	28	15	<20	237	0.09	<10	195	<10	23	62
36	279174	<0.2	1.89	<5	50	<5	4.86	<1	23	11	119	5.17	<10	1.67	1611	<1	0.04	3	1610	26	25	<20	201	0.23	<10	199	<10	27	56
37	279175	<0.2	1.82	15	125	<5	6.29	<1	22	20	219	5.14	<10	1.71	1845	<1	0.03	4	1630	26	20	<20	218	0.23	<10	210	<10	28	62
38	279176	0.8	1.67	15	55	<5	5.42	1	21	21	227	5.06	<10	1.56	1626	<1	0.03	4	1320	28	15	<20	151	0.18	<10	187	<10	18	65
39	279177	0.6	1.92	30	60	<5	5.96	<1	24	27	185	5.35	<10	1.69	1803	1	0.03	5	1640	34	25	<20	188	0.21	<10	182	<10	19	70
40	279178	0.4	2.07	35	65	<5	5.88	<1	25	20	168	5.57	<10	1.76	1935	4	0.03	5	1740	62	20	<20	220	0.23	<10	203	<10	20	75
41	279179	0.8	2.05	15	55	<5	6.05	<1	23	29	171	5.38	10	1.77	2286	24	0.03	3	1490	140	20	<20	212	0.15	<10	204	<10	24	65
42	279180	1.4	1.98	15	80	<5	5.92	<1	22	21	212	5.17	10	1.73	2220	12	0.03	4	1360	82	15	<20	195	0.17	<10	208	<10	22	101
43	279181	1.0	1.94	20	85	<5	5.45	2	21	36	231	4.97	<10	1.55	1926	7	0.03	3	1310	78	20	<20	205	0.17	<10	187	<10	22	125
44	279182	1.2	1.70	25	90	<5	5.06	2	16	21	149	4.39	10	1.26	1742	26	0.03	4	1240	66	15	<20	173	0.05	<10	160	<10	20	115
45	279183	1.0	1.89	25	75	5	5.35	3	21	32	127	5.11	<10	1.48	1849	39	0.03	4	1540	130	15	<20	181	0.14	<10	181	<10	21	170
46	279184	0.8	1.35	20	65	<5	4.02	63	13	28	95	3.43	<10	0.90	1194	10	0.03	35	1020	140	10	<20	169	0.02	<10	111	<10	18	132
47	279185	0.6	1.54	15	100	<5	4.49	2	15	29	102	4.16	10	1.12	1429	7	0.03	5	1280	110	15	<20	217	0.02	<10	144	<10	19	109
48	279186	1.0	1.71	25	90	5	5.16	2	17	21	126	4.50	10	1.32	1632	10	0.04	3	1420	146	20	<20	271	0.03	<10	150	<10	23	98
49	279187	0.8	1.61	10	175	<5	5.23	2	17	31	132	4.41	10	1.20	1642	9	0.03	4	1400	194	15	<20	260	0.03	<10	163	<10	23	113
50	279188	1.2	1.69	15	185	<5	5.10	9	21	24	108	4.35	20	1.12	1979	12	0.03	5	1220	272	5	<20	199	0.02	<10	153	<10	21	112
51	279189	0.6	1.40	10	225	<5	4.49	<1	13	33	64	3.49	10	1.00	1591	4	0.04	4	980	238	15	<20	183	0.08	<10	127	<10	23	78
52	279190	<0.2	1.35	5	240	10	4.11	2	13	28	42	3.62	<10	0.98	1420	2	0.04	4	980	138	10	<20	185	0.12	<10	134	<10	24	86
53	279191	<0.2	1.40	<5	140	<5	3.71	5	13	44	37	3.66	<10	1.02	1319	3	0.04	3	1020	108	15	<20	188	0.09	<10	138	<10	22	149
54	279192	<0.2	1.36	5	170	<5	3.65	2	14	31	43	3.71	<10	1.03	1315	2	0.04	4	1070	94	15	<20	216	0.08	<10	133	<10	21	117
55	279193	<0.2	1.29	10	205	<5	3.69	<1	13	35	54	3.72	<10	1.02	1284	1	0.04	4	950	82	10	<20	159	0.09	<10	139	<10	21	80
56	279194	0.4	1.25	5	125	<5	3.76	<1	13	27	54	3.62	<10	0.94	1319	5	0.03	4	1010	78	15	<20	163	0.07	<10	127	<10	20	77
57	279195	1.2	1.23	25	60	<5	3.92	2	13	40	105	3.49	<10	0.87	1393	8	0.03	4	1010	116	10	<20	156	0.05	<10	102	<10	20	144
58	279196	1.0	1.23	20	55	<5	4.26	2	13	28	79	3.57	10	0.74	1602	10	0.03	5	1020	94	10	<20	201	0.01	<10	95	<10	21	138
59	279197	1.2	1.33	20	60	<5	4.34	4	22	28	241	5.50	10	0.76	1826	8	0.03	5	960	120	5	<20	218	0.07	<10	136	<10	20	241
60	279198	0.4	1.37	15	155	<5	3.80	4	14	29	101	3.63	10	0.97	1612	3	0.03	4	1000	190	15	<20	138	0.13	<10	146	<10	24	336

BIG VALLEY RESOURCES

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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	279199	0.4	1.31	<5	140	<5	3.52	1	13	43	48	3.66	10	0.94	1484	7	0.04	4	970	104	15	<20	149	0.05	<10	139	<10	20	166
62	279200	0.4	1.38	10	105	<5	3.60	3	15	35	102	3.77	10	0.96	1620	4	0.04	3	1030	96	5	<20	134	0.14	<10	141	<10	24	201
63	279201	0.4	1.65	<5	150	<5	4.67	<1	19	33	265	4.96	10	1.35	2885	1	0.04	4	1070	84	10	<20	135	0.17	<10	207	<10	22	148
64	279202	0.6	1.86	<5	155	<5	5.44	1	19	24	431	5.72	20	1.53	3644	3	0.04	3	1140	78	20	<20	150	0.07	<10	242	<10	24	180
65	279203	0.6	1.62	10	70	<5	5.29	<1	17	41	274	5.22	20	1.31	3201	8	0.04	4	1070	60	15	<20	170	0.02	<10	196	<10	19	171
66	279204	1.6	1.34	25	45	<5	4.16	6	16	25	492	4.05	10	0.81	2558	14	0.03	4	1030	80	10	<20	261	<0.01	<10	100	<10	25	380
67	279205	1.0	1.38	20	70	<5	4.57	3	13	36	285	3.71	10	0.88	2506	13	0.03	4	990	68	10	<20	179	<0.01	<10	94	<10	19	312
68	279206	1.0	1.52	20	75	<5	4.64	2	15	25	477	4.25	10	0.99	2671	10	0.03	3	1030	120	10	<20	179	0.03	<10	138	<10	22	265
69	279207	0.2	1.82	20	85	<5	7.11	<1	19	30	299	4.89	20	1.69	3461	2	0.04	3	1170	38	20	<20	211	0.09	<10	210	<10	27	182
70	279208	0.4	1.51	<5	75	<5	6.74	1	17	20	233	4.88	20	1.46	3407	4	0.03	4	1100	30	20	<20	199	0.02	<10	186	<10	20	165
71	279209	<0.2	1.56	<5	80	<5	6.17	2	15	24	353	4.69	20	1.16	2761	4	0.03	4	1220	38	20	<20	182	0.02	<10	168	<10	16	168
72	279210	0.6	1.58	<5	75	<5	5.72	<1	17	25	321	5.13	10	1.24	2673	4	0.03	3	1110	24	10	<20	151	0.02	<10	181	<10	16	159
73	279211	0.4	1.68	10	140	<5	6.36	<1	18	29	457	5.42	10	1.42	2775	4	0.04	4	1130	34	20	<20	170	0.03	<10	218	<10	21	182
74	279212	0.4	1.75	<5	345	<5	5.64	<1	18	25	421	5.65	10	1.48	2723	4	0.04	4	1140	46	15	<20	166	0.03	<10	231	<10	20	193
75	279213	0.4	1.74	<5	380	<5	5.38	1	19	37	411	5.66	10	1.46	2467	4	0.07	4	1180	66	20	<20	185	0.06	<10	229	<10	21	204
76	279214	0.6	1.70	<5	325	<5	6.13	<1	17	25	379	5.21	10	1.39	2598	4	0.04	4	1240	64	15	<20	183	0.03	<10	206	<10	20	211
77	279215	0.6	1.24	<5	220	<5	6.28	<1	17	28	769	4.83	20	0.68	2073	4	0.03	3	1210	62	5	<20	197	0.02	<10	194	<10	22	179
78	279216	0.8	1.72	<5	150	<5	6.60	<1	21	25	902	5.69	20	1.48	2788	2	0.04	4	1130	28	25	<20	159	0.06	<10	222	<10	22	190
79	279217	1.0	1.77	<5	135	<5	6.69	2	19	36	938	5.54	20	1.45	2625	4	0.04	3	1110	56	10	<20	182	0.05	<10	222	<10	19	231
80	279218	0.6	1.46	<5	75	<5	5.61	<1	17	19	641	4.63	10	1.23	2254	2	0.03	3	980	26	25	<20	156	0.06	<10	185	<10	16	150
81	279219	0.8	1.49	5	60	<5	6.48	<1	16	23	645	4.42	20	1.17	2546	4	0.03	3	990	36	20	<20	179	0.02	<10	170	<10	20	156
82	279220	0.4	1.55	<5	140	<5	5.95	<1	18	22	664	4.85	10	1.30	2226	2	0.04	3	1100	38	20	<20	156	0.08	<10	189	<10	17	155
83	279221	<0.2	1.75	<5	240	<5	6.66	<1	21	36	596	5.88	20	1.45	2682	<1	0.04	4	1220	32	20	<20	168	0.16	<10	244	<10	19	207
84	279222	<0.2	1.59	<5	210	<5	6.65	<1	19	22	731	5.21	10	1.33	2535	<1	0.04	3	1120	24	15	<20	182	0.17	<10	221	<10	20	175
85	279223	<0.2	1.62	<5	275	<5	6.21	4	17	29	707	5.18	10	1.38	2398	13	0.04	16	1100	26	115	<20	169	0.07	<10	207	<10	19	205
86	279224	<0.2	1.55	<5	125	<5	5.63	5	19	23	688	4.90	10	1.28	2178	10	0.04	15	1190	48	95	<20	159	0.11	<10	200	<10	20	275
87	279225	1.0	1.68	<5	235	<5	6.05	6	20	44	1274	5.07	10	1.39	2605	14	0.04	18	1170	98	110	<20	159	0.11	<10	205	<10	19	384
88	279226	1.4	1.69	10	180	<5	6.13	5	19	22	1304	4.70	10	1.33	2705	13	0.04	18	1420	44	110	<20	160	0.10	<10	213	<10	24	268
89	279227	0.6	1.66	10	70	<5	6.31	5	20	25	997	5.30	20	1.46	2817	11	0.03	17	2110	44	100	<20	165	0.11	<10	242	<10	22	293
90	279228	<0.2	1.07	10	90	<5	6.65	5	14	17	566	4.45	20	1.04	2939	11	0.03	13	1750	22	90	<20	223	0.04	<10	187	<10	22	292
91	279229	0.4	1.44	<5	135	<5	6.47	5	14	29	493	4.22	20	1.17	3005	11	0.03	12	1470	62	90	<20	155	0.08	<10	212	<10	18	292
92	279230	<0.2	1.33	5	115	<5	5.78	4	13	17	385	3.41	10	1.20	2357	11	0.03	12	1270	26	90	<20	164	0.07	<10	141	<10	22	271
93	279231	<0.2	1.25	<5	125	<5	4.71	3	17	10	103	4.46	<10	0.85	1469	13	0.03	12	1590	18	75	<20	238	<0.01	<10	147	<10	17	97
94	279232	<0.2	1.55	<5	735	<5	5.14	4	15	9	124	5.08	<10	1.38	1676	15	0.04	15	1620	14	100	<20	277	0.02	<10	173	<10	20	64
95	279233	<0.2	1.45	<5	170	<5	5.36	4	19	14	116	4.83	<10	1.31	1652	13	0.04	15	1670	14	95	<20	216	0.04	<10	168	<10	19	69

BIG VALLEY RESOURCES

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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	279234	<0.2	1.61	<5	115	<5	5.29	4	19	10	113	5.05	<10	1.47	1651	12	0.04	14	1660	14	90	<20	193	0.03	<10	173	<10	20	67
97	279235	<0.2	1.65	<5	75	<5	5.18	<1	21	12	97	5.28	<10	1.56	1620	<1	0.04	4	1700	18	10	<20	169	0.13	<10	189	<10	24	68
98	279236	<0.2	1.70	<5	75	<5	5.37	<1	21	10	112	5.09	<10	1.53	1732	<1	0.04	2	1720	22	20	<20	179	0.11	<10	177	<10	24	73
99	279237	<0.2	1.55	<5	230	<5	5.19	<1	19	13	101	5.13	<10	1.54	1831	<1	0.03	<1	1730	14	<5	<20	275	0.08	<10	177	<10	26	66
100	279238	<0.2	1.46	<5	160	<5	4.67	<1	19	13	78	4.63	<10	1.32	1491	5	0.03	2	1540	16	10	<20	192	0.10	<10	158	<10	22	65
101	279239	<0.2	1.23	10	55	10	3.90	<1	14	23	26	3.90	<10	1.05	1280	11	0.04	3	1250	18	10	<20	157	0.02	<10	107	<10	14	62
102	279240	<0.2	0.90	15	45	<5	3.43	<1	15	19	20	3.72	<10	0.79	1102	16	0.04	4	1150	18	5	<20	201	0.01	<10	91	<10	14	56
103	279241	<0.2	1.12	5	130	<5	4.21	<1	14	25	23	3.78	<10	1.05	1239	7	0.04	3	1170	12	15	<20	183	0.03	<10	116	<10	17	57
104	279242	<0.2	1.20	<5	145	5	4.07	<1	15	28	21	4.15	<10	1.13	1243	5	0.04	5	1170	12	15	<20	163	0.08	<10	145	<10	18	48
105	279243	<0.2	1.20	10	70	<5	3.83	<1	14	26	21	3.85	<10	1.06	1194	6	0.05	3	1110	16	20	<20	159	0.07	<10	119	<10	17	59

QC/DATA:

Repeat:

1	279139	<0.2	2.34	20	60	<5	2.86	<1	19	15	181	4.89	10	1.65	792	6	0.04	3	1420	62	20	<20	45	0.03	<10	166	<10	22	30
10	279148	0.4	3.61	10	240	<5	3.35	<1	18	12	281	5.05	10	4.05	4971	4	0.09	3	1540	76	32	<20	130	0.05	<10	235	<10	22	290
19	279157	<0.2	2.41	<5	135	<5	4.06	<1	20	16	212	5.53	10	2.15	2797	4	0.04	4	1550	24	25	<20	169	0.03	<10	229	<10	19	185
36	279174	<0.2	1.99	<5	50	<5	5.02	<1	24	9	121	5.32	<10	1.71	1659	<1	0.04	4	1680	30	25	<20	207	0.26	<10	207	<10	31	60
45	279183	1.0	1.90	30	85	5	5.22	2	21	31	125	5.01	<10	1.45	1809	39	0.03	5	1510	130	25	<20	182	0.15	<10	181	<10	22	165
54	279192	0.2	1.39	5	180	<5	3.65	2	14	32	43	3.74	<10	1.03	1324	2	0.04	4	1050	96	10	<20	220	0.08	<10	136	<10	22	120
71	279209	0.2	1.64	<5	80	<5	6.42	2	16	26	376	4.90	20	1.22	2859	5	0.03	4	1300	42	15	<20	164	0.03	<10	176	<10	17	194
89	279227	0.4	1.63	5	70	<5	5.98	4	19	24	957	5.04	20	1.42	2681	8	0.03	10	1990	42	65	<20	158	0.17	<10	233	<10	24	266

Resplit:

1	279139	<0.2	2.61	30	60	<5	3.24	<1	23	18	202	5.58	10	1.83	951	8	0.04	6	1620	70	25	<20	56	0.04	<10	189	<10	28	32
36	279174	<0.2	2.03	<5	45	5	5.35	<1	26	11	125	5.59	<10	1.74	1755	<1	0.04	2	1710	28	15	<20	212	0.26	<10	214	<10	30	62
71	279209	<0.2	1.44	<5	70	<5	5.72	2	14	24	323	4.40	10	1.07	2576	5	0.03	3	1150	38	15	<20	150	0.02	<10	155	<10	16	155

Standard:

GEO'97		1.2	1.86	60	160	<5	1.90	<1	20	65	82	4.14	<10	1.07	711	<1	0.03	22	680	24	5	<20	66	0.12	<10	86	<10	9	68
GEO'97		1.4	1.93	75	165	10	2.05	<1	22	71	84	4.30	<10	1.08	768	<1	0.03	24	780	22	10	<20	69	0.14	<10	90	10	10	77
GEO'97		1.4	1.84	65	165	5	1.92	<1	21	68	80	4.25	<10	1.04	719	<1	0.03	22	730	24	5	<20	64	0.12	<10	86	<10	10	69

dt/607
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 B.C. Certified Assayer