2000 DRILLING ON THE LLOYD CLAIM

CARIBOO MINING DIVISION
BRITISH COLUMBIA

NTS: 93 A/12

LATITUDE: 52° 35' NORTH
LONGITUDE: 121° 40' WEST

OPERATOR: BIG VALLEY RESOURCES INC.
Suite 200, 580 Hornby Street
Vancouver, B.C. V6C 3B6

REPORT BY: S. Tennant

DATED: February 27, 2001

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SUMMARY

Big Valley Resources Inc. owns the Lloyd 2 mineral claim. The claim consisting of 20 claim units is located 57 kilometres northeast of Williams Lake in the Cariboo Mining Division.

Exploration has been ongoing for a number of years consisting of various geophysical and geochemical surveys as well as some diamond drilling. In 1997, diamond drilling was carried out on the Lloyd 2 claim to further evaluate the mineralized zone outlined by earlier exploration programs. The 1997 drilling extended the known mineralization some 500 metres west of the previously drilled Main Zone. Although copper grades are on the low side, drill holes intersected significant lengths of copper mineralization indicating.

The 2000 drilling intersected a thick sequence of volcanic tuffs overlying the intrusive. The contact was a broad zone, highly altered with very fine grained disseminated pyrite up to 10%.

INTRODUCTION

i. Location, Access and Physiography

The Lloyd mineral claims are located 57 kilometres northeast of the city of Williams Lake in central British Columbia (Figure I). The centre of the claims is at latitude 52° north and longitude 121° west in the Cariboo Mining Division.

The property is readily accessible from Williams Lake via 85 kilometres of paved highway to Moorhead Lake, then 16 kilometres on the Moorhead Forestry all-weather gravel road. A network of old logging roads provide good access to various parts of the claims.

The property lies in the Quesnel Highland physiographic region of the central British Columbia interior. This region is characterized by broad valleys and gently rolling hills with elevations on the property ranging from 1,006 metres (3,300 feet) to 1,220 metres (4,000 feet) above sea leave.

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

ii. Claim Status

The Lloyd 2 claim consists of 20 claim units located in the Cariboo Mining Division. The Lloyd 2 claim is shown on Figure 2 and is part of a large block of claims in the area registered to Big Valley Resources Inc.

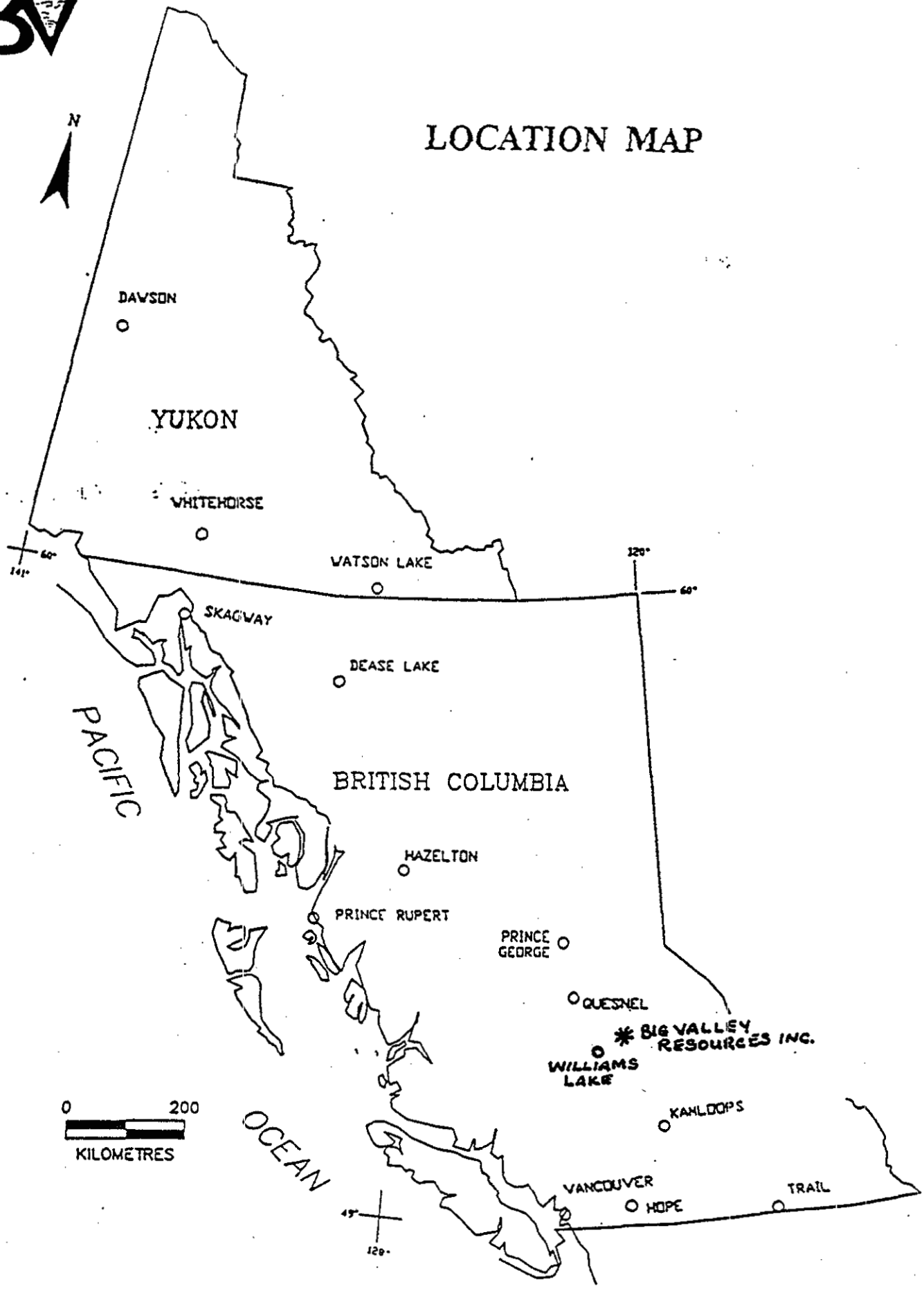
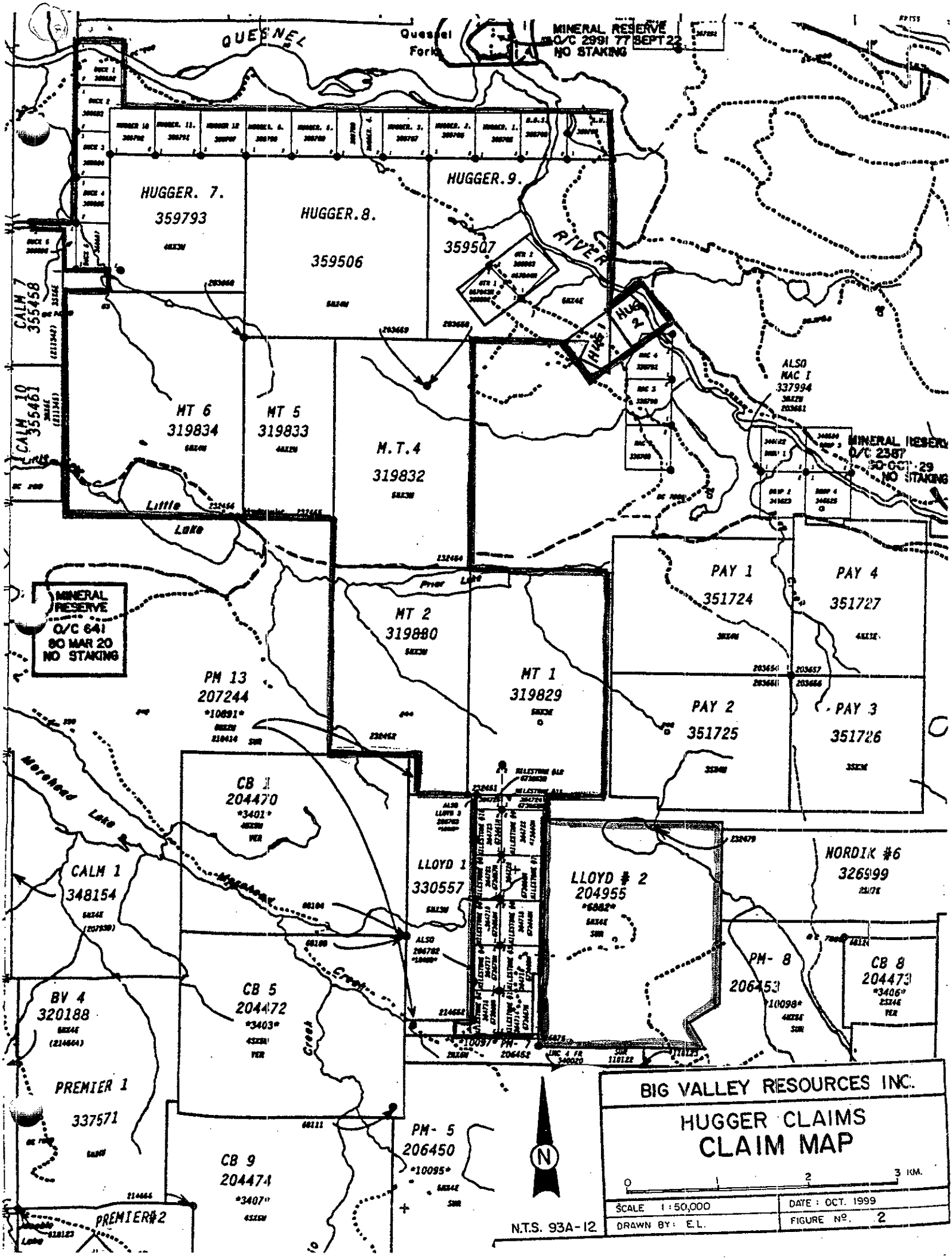

LOCATION MAP
N
DAWSON
YUKON
WHITEHORSE
WATSON LAKE
SKAGWAY
DEASE LAKE
PACIFIC
BRITISH COLUMBIA
HAZELTON
PRINCE RUPERT
PRINCE GEORGE
QUESNEL
BIG VALLEY RESOURCES INC.
WILLIAMS LAKE
KAMLOOPS
VANCOUVER
HOPE
TRAIL
OCEAN
0
200
KILOMETRES
60°
141°
120°
60°
49°
129°

Figure 1


QUESNEL
Quesnel Forks
MINERAL RESERVE O/C 2991 77 SEPT 22 NO STAKING
HUGGER. 7. 359793
HUGGER.8. 359506
HUGGER.9. 359507
RIVER
CALM 7 355458
CALM 10 355461
MT 6 319834
MT 5 319833
M.T.4 319832
Little Lake
ALSO MAC 1 337994
MINERAL RESERVE O/C 2387 80-OCT-29 NO STAKING
MINERAL RESERVE O/C 641 80 MAR 20 NO STAKING
MT 2 319880
MT 1 319829
PAY 1 351724
PAY 4 351727
PAY 2 351725
PAY 3 351726
PM 13 207244 *10891*
CB 1 204470 *3401*
Morehead Lake
CALM 1 348154
LLOYD 1 330557
LLOYD # 2 204955 *5882*
NORDIK #6 326999
PM- 8 206453 *10098*
CB 8 204473 *3406*
CB 5 204472 *3403*
Creek
BV 4 320188
PREMIER 1 337571
PM- 5 206450 *10095*
CB 9 204474 *3407*
PREMIER#2
N
BIG VALLEY RESOURCES INC.
HUGGER CLAIMS
CLAIM MAP
0 1 2 3 KM.
SCALE 1:50,000
DATE : OCT. 1999
DRAWN BY: E.L.
FIGURE Nº. 2
N.T.S. 93A-12

iii. Property History

Mining activity in the region has a long history starting with placer operations in 1890, which has 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 jointly owned 55% by Imperial Metals Corporation and 45% Sumitomo Corporation, and went into production in 1997. It adjoins Big Valley Resources Inc. to the south and east. In 1975, during the investigation of a similar aeromagnetic anomaly, Dome Mines Ltd. discovered the QR gold deposit. The QR deposit was in production from May 1995 to April 1998 and adjoins Big Valley to the northwest. During the past ten years, Big Valley's mineral claims represent the mineral tenures that have been acquired for their potential of hosting porphyry copper and/or gold deposits similar to the Mount Polley and QR deposits.

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 claim 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 symmetrical around a central axis of felsic volcanics and sediments. Drilling on the Lloyd 2 Main Zone indicates a northeast trending mineralized structure controlled by a steep dipping shear zone. Drilling has cored felsic volcanic flows and clastics that have been intruded by high level dykes and sills. The highest grade mineralization encountered in the drilling occurs as magnetite, chalcopyrite and pyrite breccia.

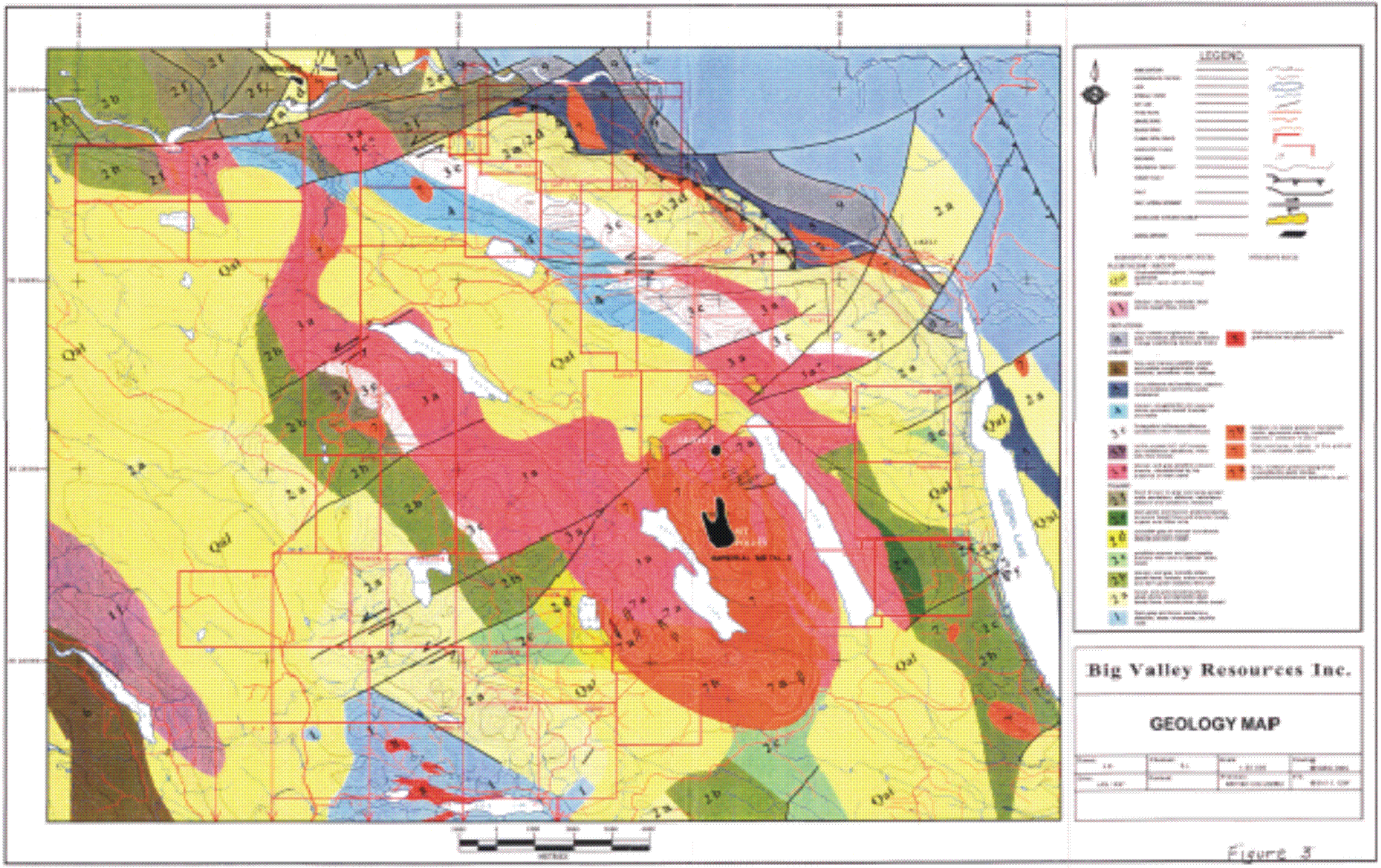


Figure 3

ANS n.9

DIAMOND DRILLING

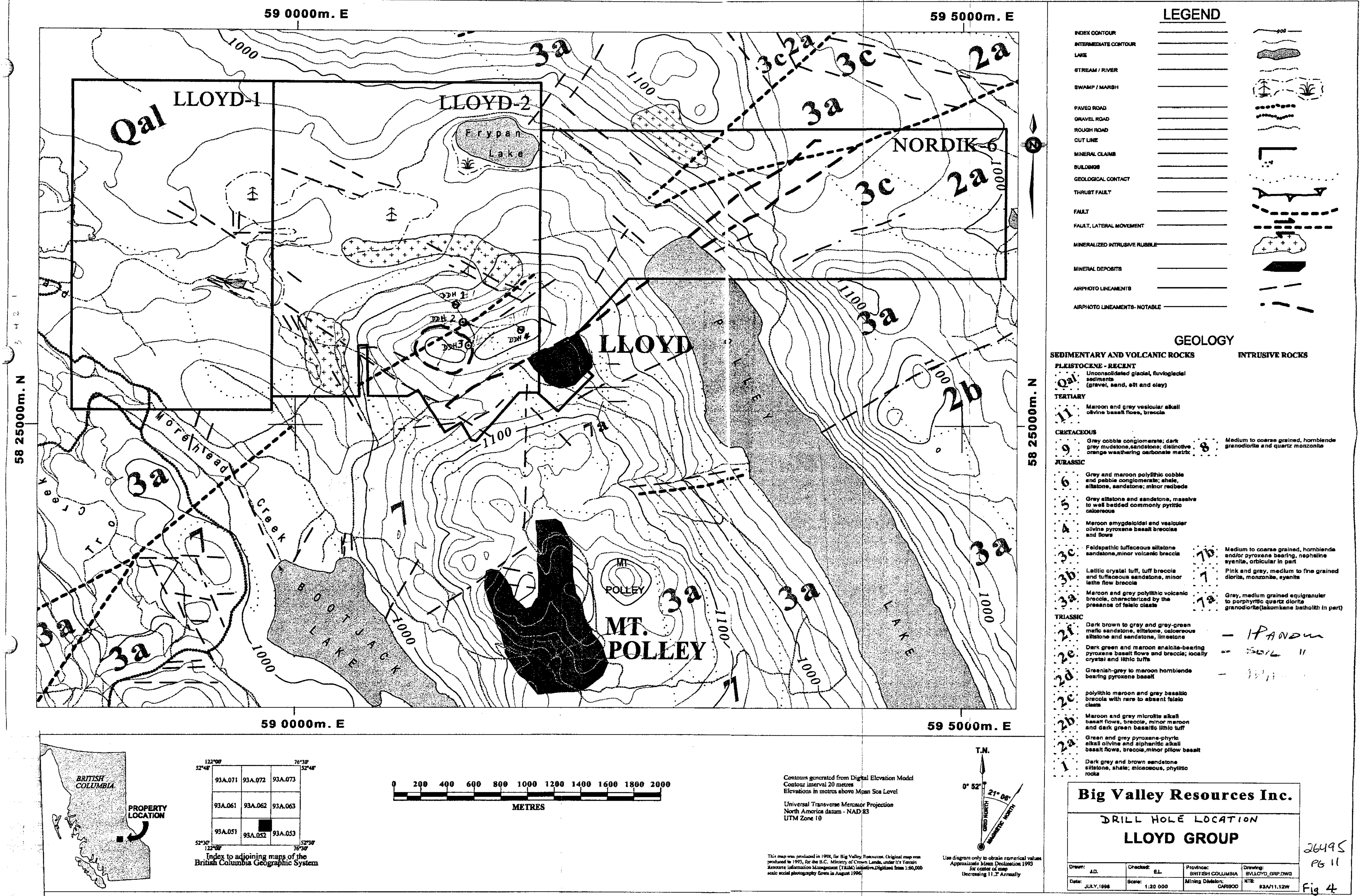
During November 2000, Big Valley completed 4 diamond drill holes on the Lloyd 2 mineral claim (figure 4). Drilling has been ongoing on the Lloyd 2 claim since 1994 and to date an area approximately 250 metres by 200 metres has been drilled. The zone has been drilled eastward to the property boundary with Imperial Metals, but is still open to the north, west and south.

The drilling was carried out utilizing a Longyear super 38 drill and recovered NQ size core. The contractor was Beaupre Drilling of Princeton BC. Water for drilling was pumped from a nearby stream close to the drill sites. Core was transported to the field camp on Beaver Valley Road for logging and permanent storage.

Drill information is as follows:

Zone	Hole No.	Dip	Northing	Easting	Length
Lloyd 2	2000-1	-90°	5825920	591180	170m
Lloyd 2	2001-2	-45°	5825730	591240	333m
Lloyd 2	2000-3	-60°	5825590	591300	273.5m
Lloyd 2	2000-4	-90°	5825700	591660	276m

The core was not split as it was decided that only selected areas would be assayed. This will be carried out in the spring of 2001.



59 0000m. E
59 5000m. E
58 25000m. N
LLOYD-1
LLOYD-2
NORDIK-6
Qal
Frypan Lake
LLOYD
MT. POLLEY
Mt POLLEY
Morehead Creek
Trout Creek
BOOTJACK LAKE
POLLEY LAKE
DDH 1
DDH 2
DDH 3
DDH 4
LEGEND
INDEX CONTOUR
INTERMEDIATE CONTOUR
LAKE
STREAM / RIVER
SWAMP / MARSH
PAVED ROAD
GRAVEL ROAD
ROUGH ROAD
CUT LINE
MINERAL CLAIMS
BUILDINGS
GEOLOGICAL CONTACT
THRUST FAULT
FAULT
FAULT, LATERAL MOVEMENT
MINERALIZED INTRUSIVE RUBBLE
MINERAL DEPOSITS
AIRPHOTO LINEAMENTS
AIRPHOTO LINEAMENTS- NOTABLE
GEOLOGY
SEDIMENTARY AND VOLCANIC ROCKS
INTRUSIVE ROCKS
PLEISTOCENE - RECENT
Qal Unconsolidated glacial, fluvioglacial sediments (gravel, sand, silt and clay)
TERTIARY
11 Maroon and grey vesicular alkali olivine basalt flows, breccia
CRETACEOUS
9 Grey cobble conglomerate; dark grey mudstone,sandstone; distinctive orange weathering carbonate matrix
8 Medium to coarse grained, hornblende granodiorite and quartz monzonite
JURASSIC
6 Grey and maroon polylithic cobble and pebble conglomerate; shale, siltstone, sandstone; minor redbeds
5 Grey siltstone and sandstone, massive to well bedded commonly pyritic calcareous
4 Maroon amygdaloidal and vesicular olivine pyroxene basalt breccias and flows
3c Feldspathic tuffaceous siltstone sandstone,minor volcanic breccia
7b Medium to coarse grained, hornblende and/or pyroxene bearing, nepheline syenite, orbicular in part
3b Latitic crystal tuff, tuff breccia and tuffaceous sandstone, minor latite flow breccia
7 Pink and grey, medium to fine grained diorite, monzonite, syenite
3a Maroon and grey polylithic volcanic breccia, characterized by the presence of felsic clasts
7a Grey, medium grained equigranular to porphyritic quartz diorite granodiorite(takomkane batholith in part)
TRIASSIC
2f Dark brown to grey and grey-green mafic sandstone, siltstone, calcareous siltstone and sandstone, limestone
2e Dark green and maroon analcite-bearing pyroxene basalt flows and breccia; locally crystal and lithic tuffs
2d Greenish-grey to maroon hornblende bearing pyroxene basalt
2c polylithic maroon and grey basaltic breccia with rare to absent felsic clasts
2b Maroon and grey microlite alkali basalt flows, breccia, minor maroon and dark green basaltic lithic tuff
2a Green and grey pyroxene-phyric alkali olivine and aphanitic alkali basalt flows, breccia,minor pillow basalt
1 Dark grey and brown sandstone siltstone, shale; micaceous, phyllitic rocks
— IPANDU
— SOIL
BRITISH COLUMBIA
PROPERTY LOCATION
93A.071 93A.072 93A.073
93A.061 93A.062 93A.063
93A.051 93A.052 93A.053
Index to adjoining maps of the British Columbia Geographic System
0 200 400 600 800 1000 1200 1400 1600 1800 2000
METRES
Contours generated from Digital Elevation Model
Contour interval 20 metres
Elevations in metres above Mean Sea Level
Universal Transverse Mercator Projection
North America datum - NAD 83
UTM Zone 10
This map was produced in 1998, for Big Valley Resources. Original map was produced in 1993, for the B.C. Ministry of Crown Lands, under it's Terrain Resource Information Management (TRIM) initiative. Digitized from 1:60,000 scale aerial photography flown in August 1996.
T.N.
0° 52'
21° 08'
GRID NORTH
MAGNETIC NORTH
Use diagram only to obtain numerical values
Approximate Mean Declination 1993 for center of map
Decreasing 11.2' Annually
Big Valley Resources Inc.
DRILL HOLE LOCATION
LLOYD GROUP
Drawn: J.D.
Checked: E.L.
Province: BRITISH COLUMBIA
Drawing: BVLLOYD_GRP.DWG
Date: JULY,1998
Scale: 1:20 000
Mining Division: CARIBOO
NTS: 93A/11,12W
26495
PG 11
Fig 4

CONCLUSIONS AND RECOMMENDATIONS

Drilling on the Lloyd 2 mineralized zone has been ongoing since 1994. Early drilling has shown a north easterly trending mineralized structure coincident with an Induced Polarization chargeability high as well as a magnetic high. During 1996-97, drilling has extended the copper mineralization some 500 metres west of the Main Zone. Although results of drilling in 1998 indicated low copper grades, significant length of copper mineralization was intersected, indicating that the potential for a large low grade deposit exists.

The 2000 drilling intersected a thick sequence of volcanic tuffs overlying the intrusive. The contact was a broad zone, highly altered with very fine grained disseminated pyrite up to 10%. It is believed that this contact zone subcrops between the 2000 drilling and the 1998 drilling. A geological structural and alteration study should be carried out on all the drill holes in the general area.

STATEMENT OF COSTS

Drilling - November 18 to December 1 3455 ft. @ $22/ft. (all inclusive – includes mob./demob, moves, core boxes etc.)	76,010.00
Supervision – Logging E. Livgard P. Eng 11 days @ $360/day	3,960.00
Helper – Moving and stacking core. L. Tattersall. 8 days @ $200/day	1,600.00
Truck Rental – 12 days @ $55/day	660.00
Room and Board – 11 days @ $60/day	660.00
Report Prep. S. Tennant 3 days @ $250/day	750.00
	$ 83,640.00

AUTHOR'S QUALIFICATIONS

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

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

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

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

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

Stuart J Tennant

STUART J TENNANT

Dated at Vancouver, British Columbia, this 27th day of February, 2001.

REFERENCES

1. Bailey, David G. (1976): Geology of the Moorhead 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.

5. Panteleyev, A., Bailey D., Bloodgood, M., Hankcock, K., (1996): Geology and Mineral Deposits of the Quesnel River – Horsefly Map Area, Central Quesnel Trough, British Columbia, NTS 93 A/5, 6, 7, 11, 12, 13; 93 B/9, 16; 93 G/1; 93 H/4; Bulletin 97.

APPENDIX – DRILL LOGS

PROJECT: BIG VALLEY RESOURCES INC LLOYD 2 NORTH	NTS Map Number: Mining Division: CARIBOO	Drilling by: Date: NOV 24th 2000 Logged by: E. LIVGARD	DRILL HOLE: 2000 #1
COLLAR LOCATION: 591173 5825930N	AZIMUTH: DIP: VERTICAL	ELEVATION: TOTAL LENGTH: 170m	PAGE: 1 of 4

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		ASSAYS			
from (m)	to (m)	from (m)	to (m)			from (m)	to (m)				
0	5.8			CASING							
5.8	51.2			VOLCANIC - 30% WHITE FELDSPAR							
				IN A REDDISH GROUNDMASS							
				INCREASINGLY RED TO 26.0m							
				- A FEW FRACTURES 30 AND 45°							
				TO CORE FILLED WITH SOFT							
				PINK ZEOLITE(?) 1-3mm THICK							
		5.8	9.1	BROKEN CORE ½-30cm							
		9.1	51.2	FINE MAGNETITE DISSEMINATED							
				THROUGHOUT. A FEW ROUNDED							
				FRAGMENTS 1-3cm OF APHANITIC							
				RED SILICIOUS?							
		22.0	24.4	INCREASED FRACTURING							
				30° AND 10° TO CORE ¼-1.0cm							
				FILLED WITH EPIDOTE AND CALCITE							
		24.4	27.4	FINER GRAINED DENSER							
		27.4	29.0	MUCH FRACTURING 0-10° TO CORE							
				WITH SOME BLEACHING AND							
				MINOR MUD.							
51.2	78.1			LAPILLI TUFF							
				FINE GROUNDMASS - GREEN TINGED							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
51.2	78.1			CONT.				
				CONTAINS HETEROGENIOUS WELL				
				ROUNDED AND SUBROUNDED				
				FRAGMENTS 50% 0.2 TO 50.0 CM				
				GROUNDMASS CONTAINS FINE				
				PARTICLES OF OLIVE GREEN				
				MINERAL WITH HIGH LUSTER				
				(OLIVINE?) MAGNETITE				
				DISSEMINATED THROUGHOUT				
				(MORE MAGNETIC THAN (5.8-51.2m)				
				LARGE FRAGMENTS ARE GREY				
				OR PALE GREEN OR RED, PINK				
				BLACK, HOMOGENIOUS DARK				
				GREY OR VERY FINE GRAINED				
				ONE (A FEW) PINK SYENITE				
				HAS 1-1/2 mm GREY ALTERATION				
				RIM.				
		51.2	52.7	FRAGMENTED MUDDY FAULT(?)				
				60% HOMOGENIOUS RED-SOFT				
		ATT	62.5	A FEW SPECKS OF PYRITE AND				
				CHALCOPYRITE(?)				
		71.0	74.1	MORE FRACTURING 30° TO CORE				
		75.0	75.3	GREY GREEN COMPACT (SILL?)				
		76.2	76.5	BLEACHED ALTERATION				
		76.5	78.7	CONTACT - FAULT MOVEMENT				
78.7	83.8			BRECCIA - FRIABLE POROUS				
				STRONG RED STAIN				
		82.3	83.8	INCREASINGLY LIGHTER STAIN - FRAGMENTED				

HOLE 2000 #1 PAGE 3

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
83.8	87.8			GREY TUFF WITH 10% CRISSCROSSING AND VERY IRREGULAR FRACTURING WITH WHITE AND PINK FILLING (CALCITE AND ZEOLITES?)				
87.8	94.8			FAULT				
		87.8	91.2	FRAGMENTS 0.4 TO 10 CM RED STAINED SOFT 0.8 TO 1.0 M CORE LOSS				
		91.2	92.7	GOUGE 0.3 M CORE				
		92.7	93.3	RUBBLY 0.5 CM FRAGMENTS SOME GOUGE 0.3 M CORE				
		93.3	94.8	FRAGMENTED RED 0.6 M CORE				
94.8	134.1			GREY TUFF LIKE 83.8 TO 87.8 BUT WITH LESS FRACTURING				
		94.8	118.0	LIGHT GREY, DARK GREY AND A FEW OLIVE COLOURED FRAGMENTS 1 MM AND LESS MINOR MAGNETITE - INCREASINGLY FRIABLE AND INCOMPETENT - A FEW ROUND AND SUBROUND FRAGMENTS 1-5 CM RED, GREY AND BLACK COLOURED				
		129.6	134.1	INCREASING NUMBER AND SIZE OF FRAGMENTS INCREASING RED STAIN.				

HOLE 2000 # C PAGE 4

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
134.1	156.1			TUFF AS IN 94.8 TO 118.9 BUT COMPETENT HARD - SILICIFIED? AND ALSO INDURATED?				
		146.0	147.3	STRONG FRACTURING 40-45° TO CORE				
		AT	147.3	15 CM BRECCIA 50° TO CORE				
156.4	160.7			LAPILLITUFF WITH MUCH ROUNDED FRAGMENTS - STRONGLY FRACTURED 10-20° TO CORE ~~AND~~ IRREGULARLY ALSO 30° X 30° TO CORE FILLING CALCITE - ZEOLITE - DARK RED STAINING.				
160.7	170.0			LAPILLITUFF WITH 50% TO 80% ROUNDED FRAGMENTS 1-5 CM - MOSTLY GREEN VERY FINE GRAINED, SOME DARK RED - GROUNDMASS HAS FINE RED FRAGMENTS AND ALSO INCREASINGLY MORE OLIVE COLOURED PARTICLES ALSO LESS GREY AND DARK GREY FRAGMENTS. - STRONGER MAGNETICLY THAN PREVIOUS ROCK (CORE) TYPES				
	ND							

PROJECT:	NTS Map Number:	Drilling by:	DRILL HOLE:
BIG VALLEY RESOURCES LTD LLOYD 2 NORTH		Date:	2000 #2
	Mining Division: CARIBOO	Logged by: EGIL IVSARD	
COLLAR LOCATION: 59 11 28 5825795N	AZIMUTH: DIP: -45°	ELEVATION: TOTAL LENGTH: 355m	PAGE: 1 of 9

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		ASSAYS			
from (m)	to (m)	from (m)	to (m)			from (m)	to (m)				
0	6.7			CASING							
6.7	11.3			VOLCANIC BRECCIA ANGULAR AND SUBANGULAR FRAGMENTS - GROUNDMASS IS REDDISH - PARTICLES OF STRONG RED COLOUR 50% AND GREEN GREY AND EPIDOTE COLOUR (ERUGRANULAR) ANGULAR AND A FEW ROUNDED FRAGMENTS 1/4-3CM GREY AND GREEN MODERATLY MAGNETIC - DISSEMINATED MAGNETITE VERY LITTLE PYRITE							
11.3	15.9			ANDESITE - GENERAL REDDISH COLOURED. GROUNDMASS IS PARTLY GREY (FELDSPAR AND QUARTZ(?)) AND IRREGULAR STRONG RED FLECKS - NON-MAGNETIC. VERY FINE MINOR DISSEMINATED PYRITE							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
15.9	22.3			VOLCANIC BRECCIA GREENOMAS APHANITIC RED CONTAINS VERY FINE <1.0mm GREY TO CLEAR ANGULAR TO TRAPEZOIDAL PARTICLES ALSO FRAGMENT 1mm TO 5cm USUALLY GREY-GREEN OCCASIONAL RED WITH SMALLER FRAGMENTS WITHIN IT.				
		AT	22.3	MINOR GOUGE				
22.3	25.3			TUFF RED APHANITIC GREENOMAS WITH VERY FINE CLEAR ANGULAR PARTICLES AND SOME WHITE FELDSPAR (ANGULAR FRAGMENTS) 1/2-3mm NON MAGNETIC				
		23.8	25.3	VERY IRREGULAR FRACTURES GENERALLY 60° TO CORE SOME PARTLY BRECCIATED FILLED WITH CALCITE GROWTH FROM WALLS CONSTITUTES 60%				
25.3	25.6			FAULT 50% RED GOUGE				
25.6	31.1			TUFF - DARK GREY AND BLACK GREEN VARIABLE TO RED PARTICLES AND 25-30% FRAGMENTS GREEN (OLIVE ~~PISTACIO~~) FRAGMENTS. INTERSTITIAL IRREGULAR WHITE - SOME QUARTZ?				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
25.6	31.1			CONT.				
				HIGH TO MODERATELY MAGNETIC				
				DARK PARTICLES CARRY				
				MINOR VERY FINE PYRITE				
31.1	48.2			VOLCANIC BRECCIA (AS 15.9 TO 22.3)				
		AT	31.1	FRAGMENTS ANGULAR 10cm				
		39.6	40.2	SOFT FRACTURING 45° TO CORE 20% FILL WITH WHITE FELDSPAR AND GREENISH (ALTERED) SOME SLIGHTLY PINK.				
		46.6	48.2	DECREASING GREY FRAGMENTS INCREASE IN 1-3mm WHITE FELDSPAR				
48.2	51.2			TUFF (AS 23.8 TO 25.3) OCCASIONAL GREY FRAGMENTS - HAIRLINE TO 2mm FRACTURES 55° to CORE FILLED WITH CALCITE 40-50 EVERY METRE				
51.2	56.1			LAPILLI TUFF RED AND GREY APHANITIC GROUNDMASS WITH GREY GLASSY ANGULAR LATHS - BLACK AND GREY FRAGMENTS 1mm TO 10cm ROUNDED TO SUBROUNDED BLACK FRAGMENTS HAVE CLEAR TO WHITE 1/2 TO 10mm TRAPEZOIDAL AND HEXAGONAL CRYSTALS - OCCASIONAL VERY IRREGULAR BRIGHT ORANGE INTERSTITIAL MATTER				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
51.2	56.1			CONT.				
				30% BLACK FRAGMENTS, 5-10%				
				GREY. GREY GROUNDMASS				
				HAS 1/2MM WHITE PARTICLES				
				AND A FEW VERY FINE BLACK				
				GREEN PARTICLES				
		55.5	56.1	FRACTURING, 60° TO CORE. CALCITE				
				FILL 40% OF TOTAL.				
56.1	62.5			LAPILLI TUFF				
				RED GROUNDMASS WITH 1/2MM LIGHT GREY				
				GLASSY PARTICLES. 40% ROUNDED				
				SUB ROUND GREY FRAGMENTS 1-5MM				
				WITH RED MATRIX BETWEEN GREY.				
62.5	73.0			LAPILLI TUFF AS ABOVE				
				WITH RED GROUNDMASS				
				40-50% FRAGMENTS ROUND TO				
				ANGULAR MAINLY BLACK WHICH CONTAINS				
				GREY FELDSPAR CRYSTALS - ALSO SOME				
				GREY PARTICLES				
		63.7	65.5	BROKEN - MINOR POROUS. PINK				
				SYENITE FRAGMENT WITH GREY				
				RIM 1/2 CM AND GREY STAR				
				SHAPED CENTRE.				
		AT	78.7	MINOR SEALED BRECCIA				
		79.3	83.2	INTERMITTENT BROKEN AND				
				RED MUD PAINTS				
		AT	80.5	GOUGE - MINOR FAULT?				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
62.5	93.0			CONTINUED				
				ALL BLACK FRAGMENTS HAVE VERY				
				IRREGULAR INSTITIAL BRIGHT				
				(SOFT) ORANGE MATTER. INCREASING				
				FRAGMENTS (60%)				
93.0	100.6			AS 56-1 TO 62.5				
		AT	100.6	3-4 CM BROKEN				
100.6	116.2			LAPILLI TUFF				
				GROUNDMASS HETEROGENOUS				
				RED AND GREY WITH FINE BLACK				
				FLECKS (BIOT.?) LARGER FRAGMENTS				
				MAINLY GREY MINOR DARK TO BLACK				
		107.3	107.6	DYKE - GREY BLACK SPECKLED				
		112.8	113.4	DYKE "				
		AT	114.3	INCREASINGLY RED GROUNDMASS				
				AND INCREASE IN BLACK FRAGMENTS				
		115.5	116.2	FAULT - SHEAR 60° TO CORE				
				5CM GOUGE				
116.2	139.9			LAPILLI TUFF (AS 62.5 TO 72.3)				
				RED GROUNDMASS WITH 40-50% FRAGMENTS				
				BLACK WITH FELDSPAR AND GREY				
				MORE GREY LESS BLACK				
		128	132.9	DYKE AS ABOVE				
		135.7	137.5	DYKE "				
		136.1	137.5	0.4 m CORE LOSS				
		136.1	137.2	BROKEN POROUS CORE				
		TO	139.9	INCREASINGLY ANGULAR FRAGMENTS				
		AT	139.9	15cm GOUGE				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
139.9	153.7			VOLCANIC BRECCIA				
				SMALL 0.1–2.0 CM FRAGMENTS				
				BLACK AND GREY.				
		146.3	147.6	BROKEN 4cm – MUD				
		147.6	150.0	HAIRLINE FRACTURING 55–60° to CORE				
				SPACED AT 1–2 cm				
				OVERALL RED GROUNDMASS WITH				
				GLASSY GREY VERY FINE PARTICLES				
				BLACK FRAGMENT HAVE WHITE SPECKS				
				-OCCASIONAL SPECKS AND STRINGS				
				OF BRIGHT ORANGE MATERIAL				
153.7	160.1			TUFF – STRONG RED APHANITIC				
				WITH GLASSY PARTICLES 1/2–1 MM				
		AT	156.1	5 cm GOUGE				
		156.1	160.1	GREY MINOR RED GROUNDMASS				
				SOME VERY FINE OLIVE PARTICLES				
160.1	182.9			LAPILLI TUFF (AS 116.2 TO 139.9)				
				(MODERATELY TO WEAKLY MAGNETIC)				
		172.6	172.9	DYKE GREY WITH BLACK SPECKS				
182.9	183.8			TUFF FINE GRAINED GREY				
183.8	196.3			LAPILLI TUFF				
				PREDOMINANTLY GREY ALSO RED GROUNDMASS				
				WITH MINOR OLIVE COLOURED PARTICLES				
				0.1 TO 1.0 CM FRAGMENT ANGULAR				
				TO ROUNDED (MODERATE TO STRONGLY MAGNETIC)				
		188.7	189.3	HOMOGENOUS APHANITIC BROWN REDDISH OXIDE				
				APPARENTLY BOUNDED BY 20° TO CORE FRACTURE ALSO PATCHES				
		191.2	191.6	SAME – ALSO 192.7 TO 193.3 SAME, ~~ALSO~~ BOUNDED BY 45°				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
196.4	197.3			FAULT ZONE				
		196.4	196.6	BRECCIA - WHITE FRAGMENTS (FELDSPAR?)				
		196.6	196.7	RED BROWN GOUGE				
		196.7	196.9	CORE				
		196.9	197.2	FRAGMENTS AND RED MUD				
197.2	206.6			VOLCANIC BRECCIA MOSTLY GREY GREEN CAST FRAGMENTS FINE TO 3CM TO SO RED BLACK FRAGMENTS. BROKEN CORE AROUND 198.9, 200, 201 SOME SANDY CALCITE - MINOR CORE LOSS. DIORITE DYKES 15CM AT 197.7 AND 199.8M				
206.6	208.1			FAULT ZONE BROWN (MUD) GOUGE OVER 20CM, SOFT AND 10CM. CRISS CROSSING FRACTURES WITH HAIRLINE TO 1.0CM WHITE AND PINK FELDSPAR AND QUARTZ				
208.1	223.6			LAPILLI TUFF. GREY AND RED GROUNDMASS 50% FRAGMENTS GREY AND DARK DIORITE DYKES 20CM AT 214.5M, 212.0M INCREASINGLY RED (HEMATITE) TO 223.5M				
		AT	221	15CM FRAGMENTS AND RED MUD				
223.5	234.6			LAPILLI TUFF GREY DARK 50-60% FRAGMENTS AT ABOVE CORE IS DENSE HARD COMPETENT				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
223.5	234.1			CONTINU				
				LOOKS INCREASINGLY PINK -				
				SOME SILICIFICATION? AND				
				FELDSPATHIZATION? (INDURATED?)				
234.1	242.7			SYENITE PORPHYRITIC				
				2-10 MM PINK FELDSPAR				
				LATHS. 1-4 MM BLACK				
				CRYSTALS - FINE GRAINED				
				GROUNDMASS. ABOUT				
				CONTACT ZONE NO DISTURBED				
				MIX: VOLCANIC-INTRUSIVE-VOLCANIC				
				INTRUSIVE.				
		AT	242.7	2 CM GOUGE AT THIS CONTACT				
242.7	251.4			VOLCANIC BRECCIA - RED STAINED				
				CRISS-CROSSING FRACTURING. SEALED				
				WALLS BLEACHED TO 5 MM - K-FELDSPATHIZATION?				
		242.7	243.9	BROKEN CORE				
		251.1	251.4	BROKEN AND MUD				
251.4	333.2			INTRUSIVE VARIABLE LIGHT TO				
				DARK GREY - CRYSTAL BOUNDARIES				
				VERY INDISTINCT AND IRREGULAR				
				VERY FINE GRAINED PYRITE DISSEMINATED THROUGHOUT				1-10%
		257.4	259.1	PYRITE 1-3%				
		259.1	266	5-10%				
		AT	260.6	BROKEN AND MUD ALSO AT 270 M				
		270.1	288.1	SEALED BRECCIA - HOMOGENIOUS				
				10% PYRITE DISSEMINATED AND IN PATCHES				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
251.4	333.2			CONTINUE				
		ABOUT		288.1 K-FELDSPAR LATHS 2-12 mm				
				IRREGULAR ORIENTATION				
				PYRITE CONTENT DROPS TO 1-2%				
		ABOUT		50% INCREASING K-FELDSPAR				
				IN GROUNDMASS				
				PYRITE 1-3% MINOR CHALCOPYRITE ??				
		ABOUT		315.5 K-FELDSPAR LATHS DISAPPEAR				
				PYRITE INCREASES TO 3-5%				
				END				
END								

PROJECT: BK VALLEY RESING LLOYD 2 NORTH	NTS Map Number: Mining Division: OMINECA	Drilling by: BEAUPRE DRILLING Date: Logged by: ELLINGARD	DRILL HOLE: 2008 #3
COLLAR LOCATION: 591134 5825681 N	AZIMUTH: DIP:	ELEVATION: TOTAL LENGTH:	PAGE: 1 of 5

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
0	5.2			OASING				
5.2	50.6			LAPILLI TUFF				
				RED GROUNDMASS SPECKLED				
				WITH GRAY-GREEN IRREGULAR				
				PARTICLES - LAPILLI TO 5-6 mm				
		11.0	12.5	BRECCIATED				
				MINOR TO MODERATE SPECKS				
				OF EPIDOTE - SOME				
				SERICITIC ALTERATION				
				WEAKLY MAGNETIC				
		15.2	18.3	FRACTURES 1-2 mm & 20 mm				
				@ 70° to CORE - FILLED WITH				
				QUARTZ				
		22.6	23.2	FAULT - GOUGE AND FRAGMENTS				
				MINOR TALK				
		28.0	42.1	STRONGER RED GROUNDMASS				
				NO EPIDOTE MODERATELY MAGNETIC				
		AT 47.6 AND	48.5	10cm DYKES GREY				
				WITH BLACK SPECKLES				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
50.6	57.1		AT 50.6	5cm GOUGE @ 90° TO CORE				
				LAPILLI TUFF - 60-80%				
				FRAGMENTS (LAPILLI) ROUNDED				
				TO SUB ANGULAR				
				- BRIGHT ORANGE MATERIAL (?)				
				1-2% - IRREGULAR INTERSTITIAL				
57.1	62.5			TUFF - RED WITH GREY				
				SPECKS - HAIRLINE				
				FRACTURES 75° TO CORE.				
				2-4 cm SPACING TO 1/4-1/2 cm				
				SPACING AT THE END				
62.5	63.4			LAPILLI TUFF - RED GROUNDMASS				
				GREY LAPILLI OCCASIONAL BLACK.				
63.4	66.5			EXTREMELY FINE GRAINED RED (APHA)				
				MUCH FRACTURING 80° TO CORE				
				(AS 57.1 TO 62.5) 1-3cm FELDSPAR				
				SPRINGERS 80° TO CORE				
		64.6	64.9	BROKEN - MUD				
66.5	71.0			TUFF - DARK GREY				
		AT	67.8	4cm HYDROTHERMAL HYDROTHERMAL				
				RED CONSOLIDATED (OXIDE MUD)				
				- RED STAINED CORE EACH SIDE				
71.0	91.8			LAPILLI TUFF				
				RED GROUNDMASS - HETEROLITHICS				
				PARTICLES - LAPILLI UP TO 10cm				
				MOSTLY GREY WITH BLACK SPECKS				
				AND A FEW BLACK WITH FELDSPAR LATHS				
		71.3	71.6	DYKE - GREY WITH BLACK FLECKS				

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MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
91.8	92.7			HOMOGENEOUS APHANITIC RED				
92.7	96.6			TUFF (AS 66.1 - 71.0)				
96.6	97.3			RED AS 91.8 TO 92.7				
97.3	98.2			BRECCIA WITH FRAGMENTS OF				
				96.6 to 97.3				
98.2	102.7			RED AS 91.8 TO 92.7				
102.7	111.7			LAPILLI TUFF - RED GROUNDMASS				
				SOME GREEN LAPILLI MOSTLY				
				GREY AFEW TAN.				
111.7	117.7			FAULT 0.5m MUD				
				BROKEN - SHEARED - MUD				
117.7	136.9			TUFF VERY FINE TO 1.0cm				
		117.7	122.0	SHEARING - HAIRLINE 75° to C				
136.9	138.0			DYKE GREEN WITH WHITE FLECKS				
138.0	143.8			LAPILLI TUFF - RED GROUNDMASS				
				LAPILLI TO 2.0cm				
143.8	147.6			DYKE - GREEN WITH DARK				
				GREEN FLECKS - A FEW WHITE				
				PHENOCRYSTS - MODERATELY MAGNETIC				
147.6	164.9			TUFF RED VERY FINE GRAINED				
		148.6	149.2	BRECCIATED - WHITE FILLING CALCITE				
		AT	149.4	LAPILLI				
164.9	165.5			FAULT				
		164.9	165.2	RED GOUGE				
165.5	170.3			OLIVINE BASALT FINE GR.				
170.3	171.1			LAPILLI TUFF - RED				
				GREY AND PINK LAPILLI				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
177.1	181.4			OLIVINE BASALT				
		181.7	183.2	BRECCIATED - FILLED WITH RED TUFF MATERIAL				
183.4	186.3			DIORITE - ALTERED DARK GREY ROCK WITH WHITE FLECKS THROUGHOUT MINOR SPECK OF PYRITE - MINOR MAGNETIC				
186.3	186.7			LAPILLI TUFF DARK GREY WITH GREY AND TAN LAPILLI.				
		AROUND 186.2		RED STAINING				
186.7	191.8			DIORITE AS 183.4 TO 186.3				
191.8	193.6			LAPILLI TUFF AS 186.3 TO 186.7				
193.6	222.4			INTRUSIVE DARK GREY GROUNDMASS WITH 20-30% FELDSPAR LATHS 1-5mm PINK - PYRITE 1% MINOR CHALCOPYRITE DISSEMINATED THROUGHOUT				
		198.2	198.8	SHATTERED				
		222.4	223.5	"				
		223.5	223.4	DENDISH - K FELDSPATHIZATION ROCK IS BRECCIATED - MIXED OCCASIONALLY WITH LAPILLI TUFF				
		223.5	223.9	FAULT 35-40° to core				
				FRAGMENTS - MUDDY - STRINGERS OF CALCITE - BLEACHED - MINOR TALC				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
228.4	229.3			FAULT				
				LIGHT GREY BLEACHING.				
				IRREGULAR WHITE CALCITE STRINGERS				
				MUD AT 229.3				
229.3	232.9			INTRUSIVE - ALTERED				
				to TUFF RED ORANGE FELDSPAR				
				Rock is SHATTERED (DIFFICULT				
				TO GET FRESH SURFACE)				
				NON-MAGNETIC - MINOR				
				VERY FINE SULPHIDE				
		232.9	233.2	FAULT - MUD AND FRAGMENTS				
233.2	267.7			BRECCIA (LAPILLI TUFF - INTRUSIVE)				
				RED AND ORANGE FELDSPAR IN				
				A DARK GROUNDMASS - OCCASIONAL				
				RED FRAGMENTS WITH ORANGE FELDSPAR				
				LATHS - A FEW BLACK FRAGMENTS.				
				HIGHLY ALTERED - SERICITE				
				SILICIFICATION - MINOR SULPHIDES				
				MODERATELY MAGNETIC				
		235.8	236.4	BLUE QUARTZ				
		236.7	237.2	" "				
		237.0	238.0	BLACK GLASSY SOFT - 10cm				
				MUD AT EACH END.				
267.7	273.5			INTRUSIVE - SHATTERED				
				LARGE ORANGE-TAN FELDSPAR				
				VERY FINE DISSEMINATED PYRITE - CHALCOPYRITE (?)				
				FRACTURING 45° to CORE				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
253.5	284.1			BRECCIA LAPILLI TUFF AND INTRUSIVE. DARK GROUND MASS - ORAGE FRAGMENTS ALSO A FEW BLACK. HEAVILY ALTERED - SILICIFIED AND MODERATE SILICIFICATION LIGHT MAGNETIC - MINOR SULPHIDE PYRITE DISSEMINATED AND SOME PATCHES				
END				END				