

MINERAL TILLS BRANCH  
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VANCOUVER, B.C.

**Diver Lake Project  
1999**

**Prospecting and Geochem Report**

**Omineca Mining Division  
93N-12W  
125deg.48min. West Long.  
And 55deg.42min. North Lat.**

**Author: L.B. Warren**

**GEOLOGICAL SURVEY BRANCH  
MINERAL TILLS BRANCH REPORT**

**26,401**

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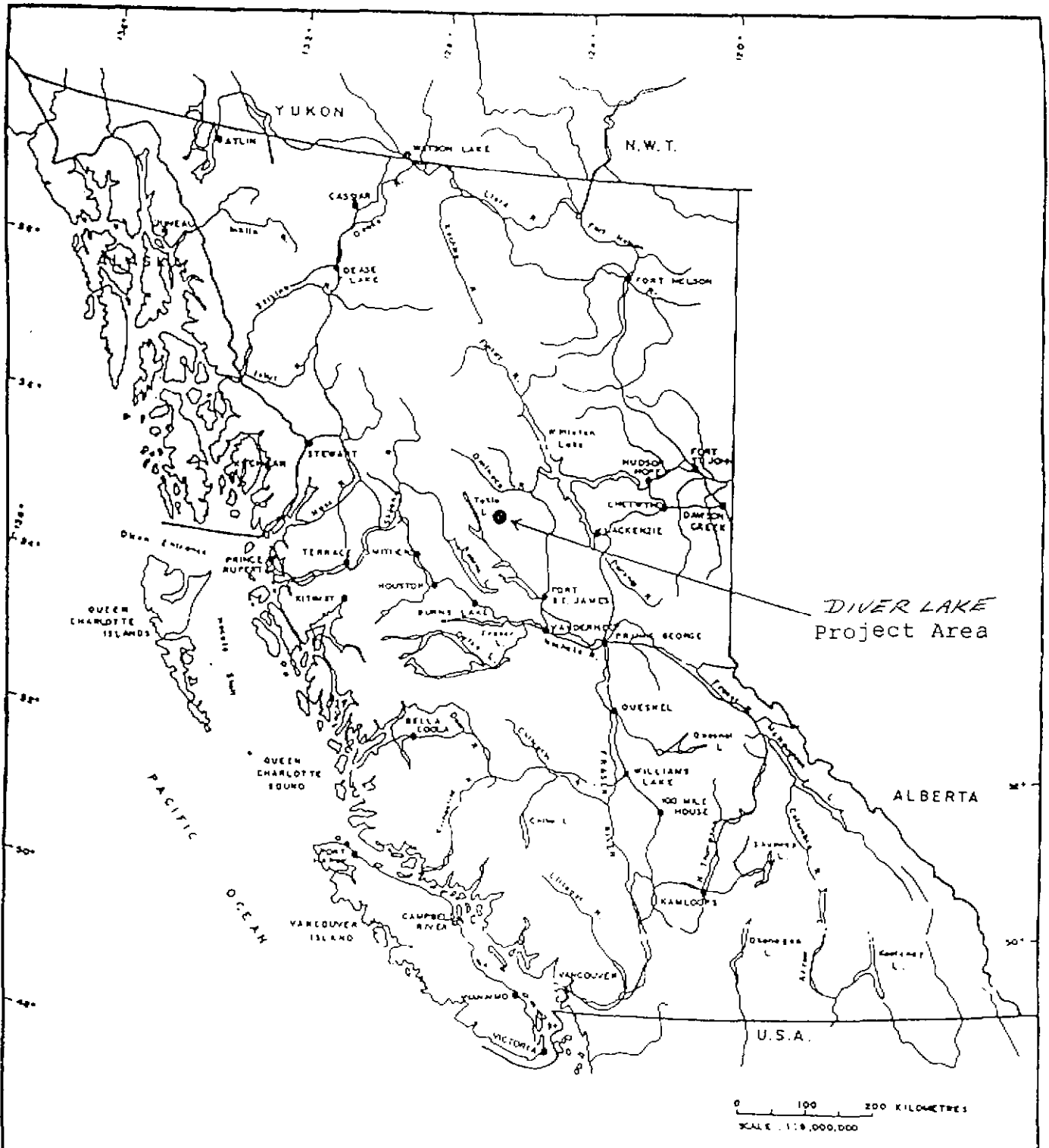
## **Introduction**

### **Diver Lake Prospecting 1999**

Intense prospecting of the Diver Lake and surrounding area resulted in the discovery of Quartz eye intrusive float and coarse proximal breccia in close relationship to the bedded massive sulphide/chert outcrop on the Fall River Forest Access Road at 214.5 km. Mapping of the outcrop and hand treching revealed that the sulphide layers are intensely folded and they dip at 65 degrees to the north and show a steep plunge to the north east. Intense shearing of all the rocks give the impression that the rock units strike roughly 310 degrees north and dip nearly vertical, but mapping of the sulphides shows the original bedding may actually be striking at 240 degrees and dipping 65 degrees plus to the north. This could be the reason Noranda was unable to locate an attractive Airborne EM anomaly discovered in their 1984 survey. The 1984 ground grid Base line was oriented at 310 degrees and wide spaced side lines at 100 metre intervals, and 50 metre sample spacing would place the sulphide bands between the lines. A drill site was located approximately 60 metres north of the showing and was drilled at 040 degrees (As indicated by the foresite/backsite stakes found at the site). This hole would have been in green andesite volcanics through out its entire length.

### **Location and Access**

The Sitlika belt of rocks is accessible via various Forest Access Roads from Ft. St. James B.C.



DIVER LAKE  
Project Area

0 100 200 KILOMETRES  
SCALE 1:8,000,000

REVISED	<i>Diver Lake Project</i>	
	Location Map	
PROJ. No.	SURVEY BY: <i>LBW</i>	DATE: <i>NOV/99</i>
N.T.S.	DRAWN BY: <i>LBW</i>	SCALE:
DWG. No.	OFFICE:	

VANCOUVER 1997

## History

1974 - KENNCO EXPLORATION: Geochemical investigation of the area for volcanogenic deposits revealed anomalous Cu and Zn in stream silts from creeks draining felsic volcanic rocks making up the slopes of Mt. Bodine. Follow up EM and geologic surveys were apparently discouraging and Kennco allowed the claims to lapse.

1975 – McINTRYRE MINES: Staked the Ruth 1-4 claims to cover the Northeast slope of Mt. Bodine. They explored the area as part of a regional airborne EM survey and during geologic mapping discovered the Eureka copper-silver showing.

1978 – SHELL CANADA RESOURCES: Carried out a regional stream silt sampling survey throughout the general area and staked the Skye 1- 12 claims to cover some geochemical anomalies. – The results of McIntyre's earlier airborne survey showed a number of EM anomalies of the Skye claims.

1979- SHELL CANADA RESOURCES: Carried out ground follow-up work including horizontal loop shootback EM, soil sampling and geological mapping. A significant copper soil anomaly was discovered on the Skye 9 claim.

1979 – CANADIAN SUPERIOR: Optioned the Ruth 1-4 claims from McIntyre Mines but apparently did no field work.

1980 – CANADIAN SUPERIOR: Carried out a detailed geological mapping program . This work showed the Ruth 3 claim to be underlain by argillite on the northeast and felsic volcanics on the southwest. A large gossan zone formed by disseminated pyrite was mapped for 2000m along the contact on strike with the Eureka showing(Watkins, 1980).

1981 – SHELL CANADA RESOURCES: Optioned the Ruth claims and carried out a detailed soil geochemical survey. A significant copper-zinc anomaly, including the Eureka showing was discovered along the Gossan zone. A ground Crone horizontal loop shootback EM survey was performed over an attractive airborne anomaly but was negative.

1982 – Claims were allowed to lapse and were stake as the Sitlika Group by C. Graf.

1983 – C. Graf allowed most of the claims to lapse except for 2 units on Mt. Bodine which are still retained to Date.

1985-86 – Noranda staked a large block of ground to cover a series of airborne EM anomalies detected in a Aerodat survey (June 1985).

1989 – Several drill holes were *drilled* by Noranda Exploration testing various targets in the belt.

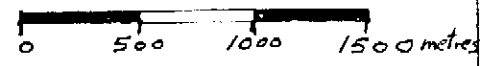
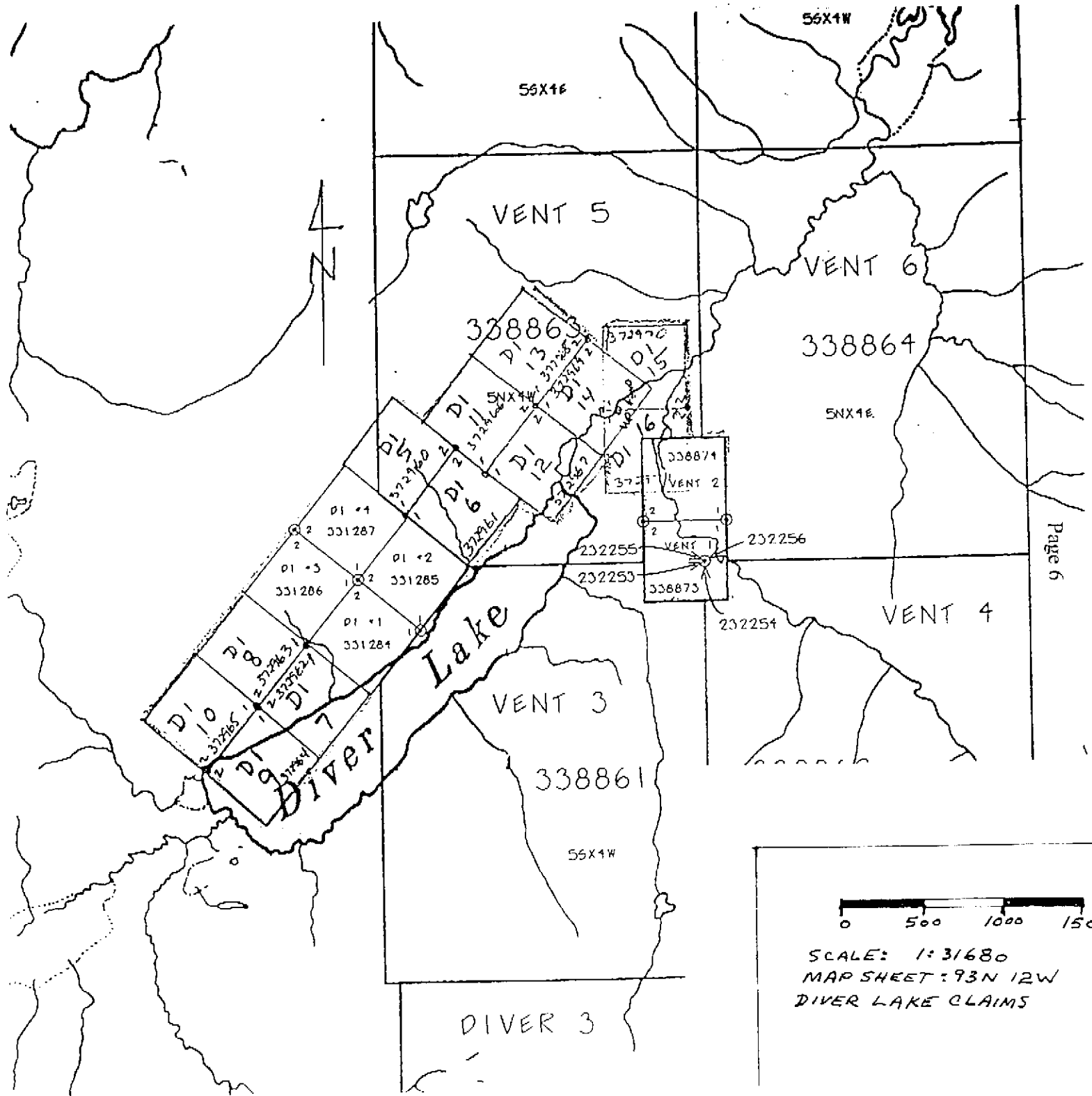
1994-95 – L.B. Warren and associates prospected belt.

1995 – Vent showing was found and as a result a large group of claims were staked. Prospecting of the eastern belt was undertaken and continues to date.

## Claims And Ownership Diver Lake Project

<u>Claim Name</u>	<u>Tenure #</u>	<u>Expiry Date</u>	<u>Ownership</u>
Di 1	331284	20021107	L.B. Warren
Di 2	331285	20021107	L.B. Warren
Di 3	331286	20021107	L.B. Warren
Di 4	331287	20021107	L.B. Warren
Di 5	372960	20031018	C.I. Warren
Di 6	372961	20031018	C.I. Warren
Di 7	372962	20031019	C.I. Warren
Di 8	372963	20031019	C.I. Warren
Di 9	372964	20031019	C.I. Warren
Di 10	372965	20031019	C.I. Warren
Di 11	372966	20031019	C.I. Warren
Di 12	372967	20031019	C.I. Warren
Di 13	372968	20031019	C.I. Warren
Di 14	372969	20031019	C.I. Warren
Di 15	372970	20031019	C.I. Warren
Di 16	372971	20031019	C.I. Warren
Vent 1	338873	20010803	L.B. Warren
Vent 2	338874	20010803	L.B. Warren

(Grouped under group name **Diver**)



SCALE: 1:31680  
 MAP SHEET: 93N 12W  
 DIVER LAKE CLAIMS



## Regional Geology

The Di 1-16 claims are underlain by Upper Triassic to Lower Jurassic volcanic and sedimentary rocks of the Sitlika Assemblage which have been regionally metamorphosed to greenschist facies (Paterson, 1974). This assemblage is composed mainly of well foliated andesitic to rhyolitic pyroclastics and flows with lesser amounts of greywacke, siltstone and phyllite. The Sitlika volcanics are characterized by local development of sericite, quartz-sericite and chlorite schists. The Takla Fault separates the Sitlika rocks from the Tertiary Sustut Group to the west. The Permian Cache Creek rocks to the east are separated from the Sitlika by the Vital Fault and a serpentinite mélangé. The Cache Creek Group is bounded to the east by the Pinchi Fault and the Jurassic Hogem Batholith.

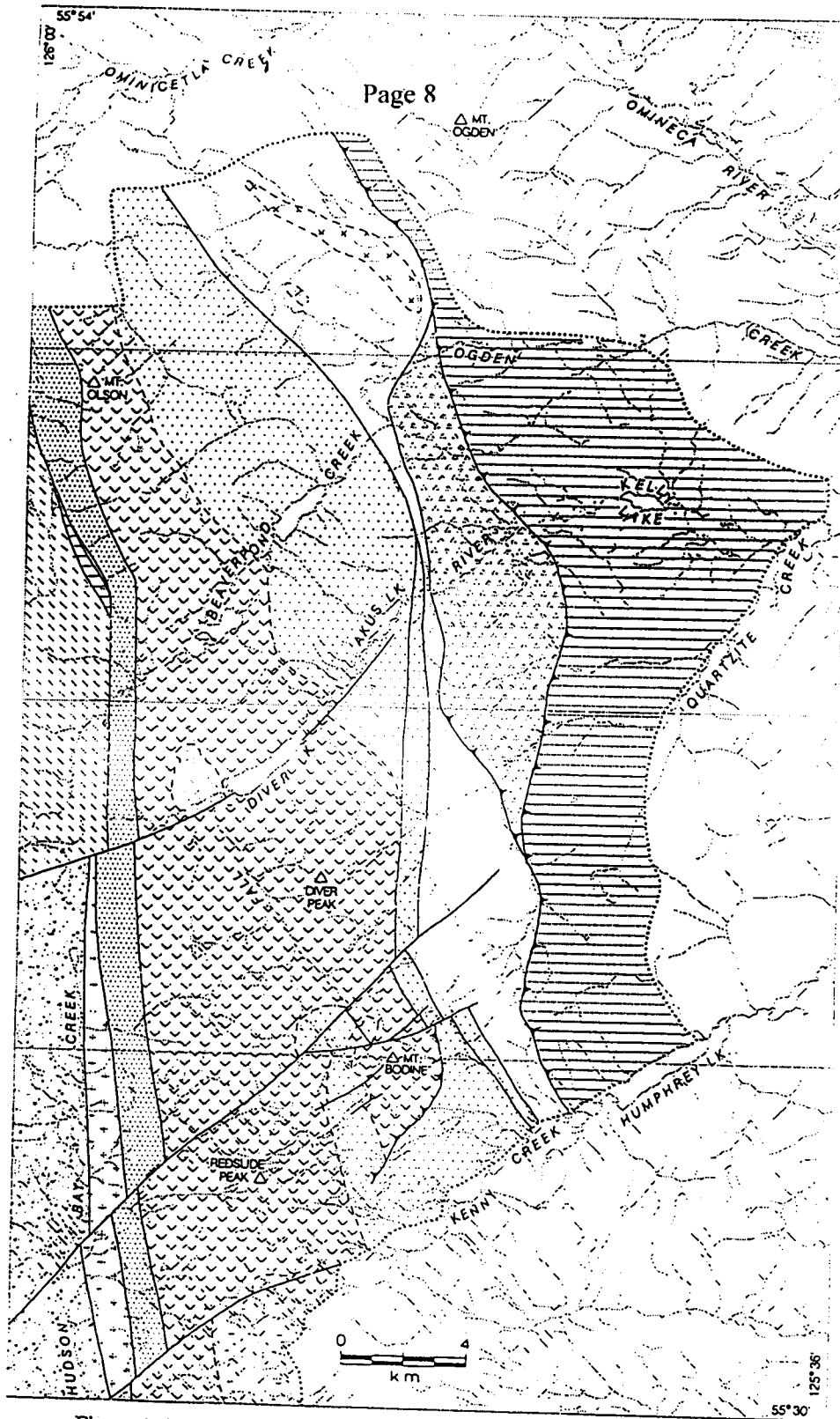
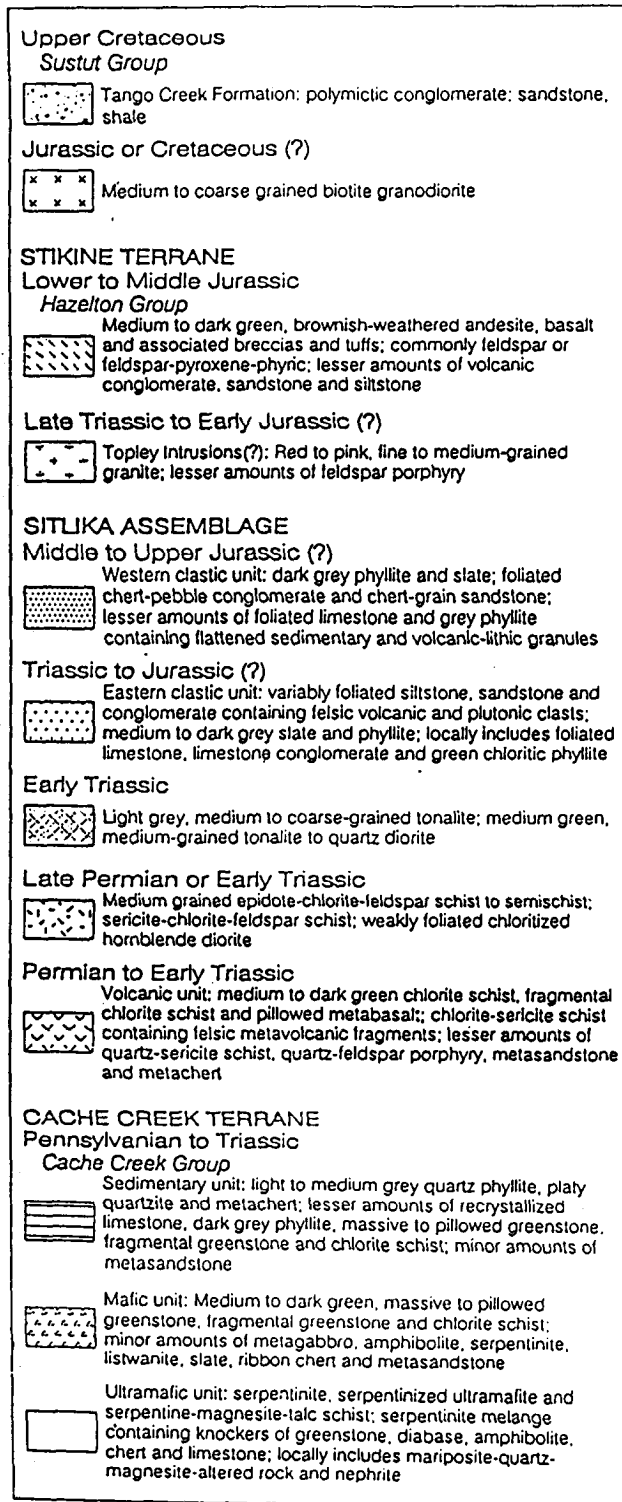


Figure 4. Generalized geology of the Kenny Creek - Mount Olson map area.

*Geological Fieldwork 1996  
Paper 1997-1*



Legend to accompany Figure 4.

# Property Geology

## Diver Lake Showing

Diver lake showing is located at 14.8 km on the Falls River Forest Service Road. Banded pyrite – pyrrhotite occurs in a cherty Rhyolite and in thin black shales. Disseminated pyrite/pyrrhotite is found in basic volcanic flows (pillow lavas) observed at this location. (See figure #8)

## New Alteration Zone on The Falls River

Di 15 and 16 mineral claims

This showing was discovered by checking out one of Noranda's 1984 airborne EM anomaly sites (Private Report).

Intense biotite, sericite and albite alteration covers an area in excess of 100 metres in outcrop. Two soils were obtained on the most intense alteration and showed low levels of copper and zinc. The intense alteration package in rhyolite / andesite fragmental volcanic indicates a showing similar to the original **Vent** occurrence to the south. (See outcrop map fig. 8.

## Vent Showing

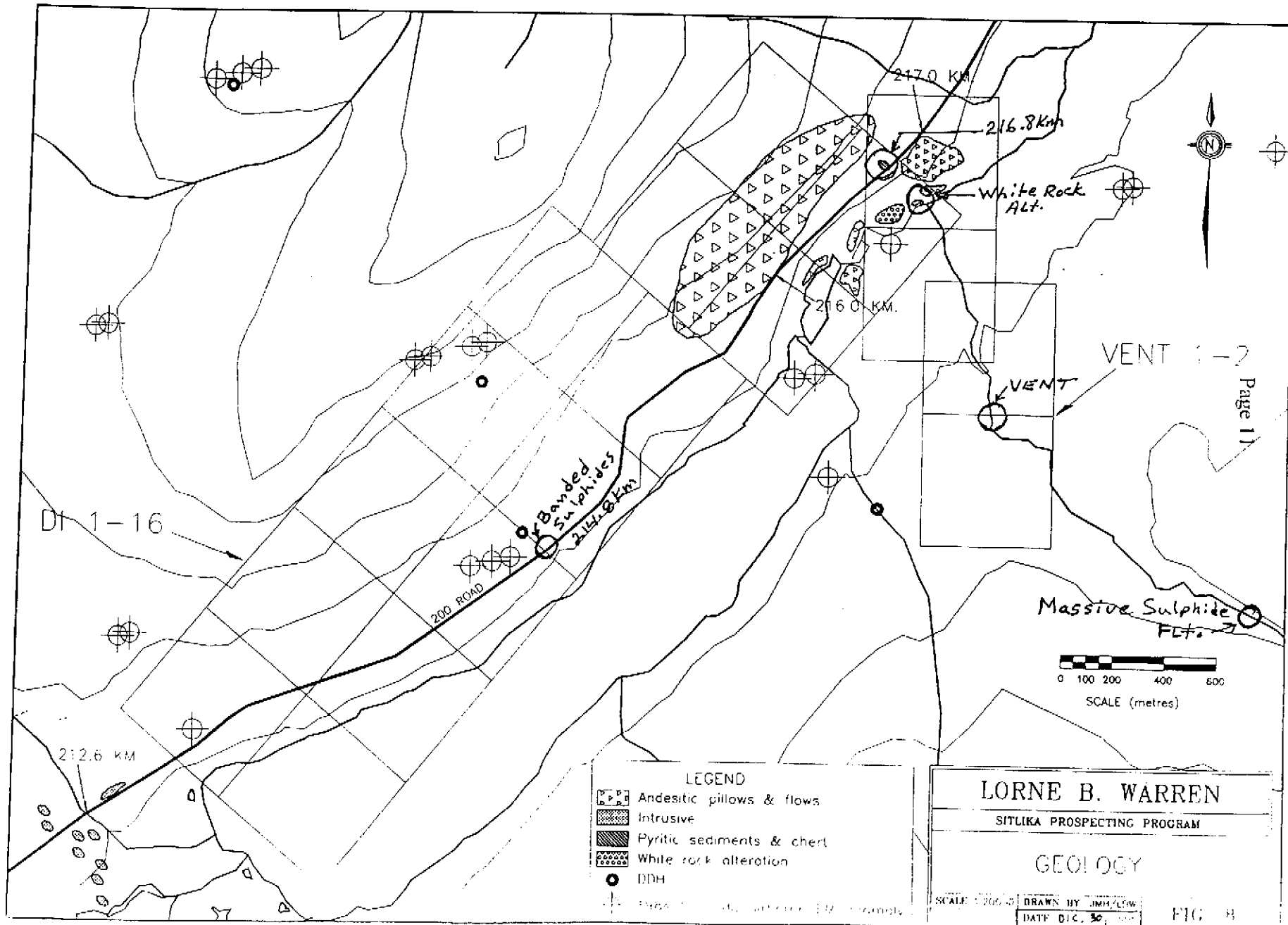
The showing occurs in a steep walled canyon. The outcrop is 6 to 10 metres high and 7 metres across. The breccia body is composed of sub-angular and partly rounded fragments up to 30 cm in size of bleached, silicified and sericitized volcanic rock probably of dacitic composition originally. The clasts are set in a pyritic matrix. The overall geometry of the body is difficult to determine. The contacts with the surrounding rock are steeply dipping where exposed and may represent a feeder pipe or vent.

## 216.8 km Showing

An outcrop of chert/Fe/Py occurs on the north side of the road near another Noranda Airborne EM anomaly.

## Observations

Prospecting has indicated that the **Vent**, **White Rock Alteration Zone**, and the **216.8 km Showing** appear to occur along what may be a regional mineralized lineation. (Figure # 1A)



VENT 1-2  
Page 11

**LEGEND**

- Andesitic pillows & flows
- Intrusive
- Pyritic sediments & chert
- White rock alteration
- DDH

**LORNE B. WARREN**  
SITLIKA PROSPECTING PROGRAM  
**GEOLOGY**

SCALE 1:2000 DRAWN BY JMH/LCW  
DATE DEC. 30, 1977 **FIG. 8**

**Summary of Prospecting Activities  
1999 Season  
Map Sheet # 93N 12E/12W**

56 Man days mid September to early November(See Daily Report Sheets Appendix

-Diver Lake grid established

-Diver Lake claims Staked when examination of Massive sulphide layers in road cut at 14.8 km showed that the FePy/pyrrhotite lens were folded and dipped at 65 to 85 degrees to the north.

-Di 5 – Di 14 staked on Various dates

-Di 15 and 16 staked to cover new alteration zone discovered on the Falls River 700m east of Diver Lake. Checking Airborne EM anomaly discovered in Noranda's 1984 survey(private report).Rocks and Soils taken over new zone.

-At the 216.8 km mark an outcrop of chert/Fe/Py occurs on the north side of the road near another Noranda airborne anomaly location.

-A new slash at 212 km was prospected and has exposed outcrops of Multiphase quartz eye Tonolite intrusive, minor Fe/Py and Pyrrhotite were found in outcrop

**Diver Lake Soil Results  
1999**

## Diver Lake Grid Results 1999

### Observations Diver Soil Grid

Outcrop of Rhyolite lapilli tuffs/ pillow basalts/ Andesites and coarse proximal Breccia plus quartz eye porphyry float and bedded massive sulphide/cherts all indicated that a Volcanic massive sulphide environment exists at this showing area. A close spaced grid at 25 metre line spacing and 10 metre sampling sites on lines oriented true north and south was established to give more information on the true strike of the sulphides. The road right of way takes a large section out of this grid but enough sample sites are located north and south of the road to give us an idea if our theory is correct (see grid and soil sample results). The 0+00 line was ran all the way to Diver Lake at 10 metre sample intervals; a total length of 210 metres. A lot of sample sites were in heavy spruce cover and the humus layer was up to .7 of a metre deep. (Actually small hand trenches) In most cases a good B-horizon was located below this deep cover. Although a few sites were finally considered a no sample after we had spent up to one and one half hours on the site trying to dig through the roots and humus layer. A broad syncline seems to make more sense at the Diver Lake showing area. This structure is dipping at 65+ degrees to the north with a plunge of 85 degrees to the North east as indicated by mineral lineations in outcrop. The average strike appears to 240 degrees.

### Soil Geochemistry

Soil samples were taken from the "B" horizon using a pick and shovel from depths of 8cm to 1 metre. The samples were placed in Kraft wet strength paper bags, dried, then shipped the TSL Assayers in Vancouver, B.C. for analysis. (Appendix #1)

A total of 140 samples were taken and ICP multielement Analysis was performed. The results are plotted on maps Fig. 2,3,4.

### Results

**Copper** – Copper values range from 2 ppm to 306 ppm fig. 2 is contoured at 50 ppm and 100 ppm. A definite trend at 240 degrees shows in the results.

**Zinc** – Zinc values range from 29 ppm to 655 ppm fig. 3 is contoured at 120 ppm and 240 ppm. The results show a definite 240 degree trend.

**Arsenic** – Arsenic values range from <5 ppm to 450 ppm fig. 4 is contoured at 12 ppm and 24 ppm. The arsenic anomalies correspond with the copper highs.

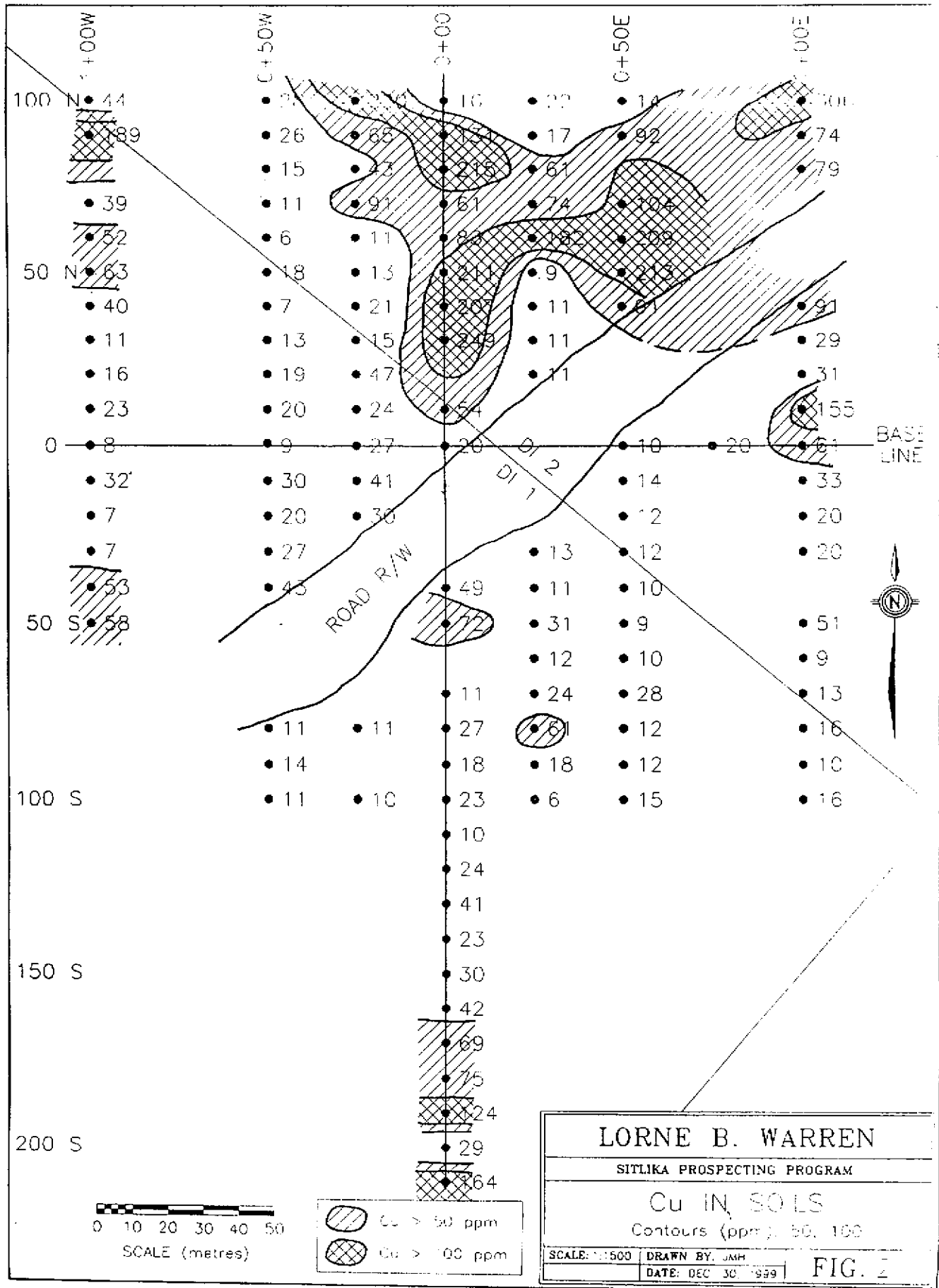
### Conclusions

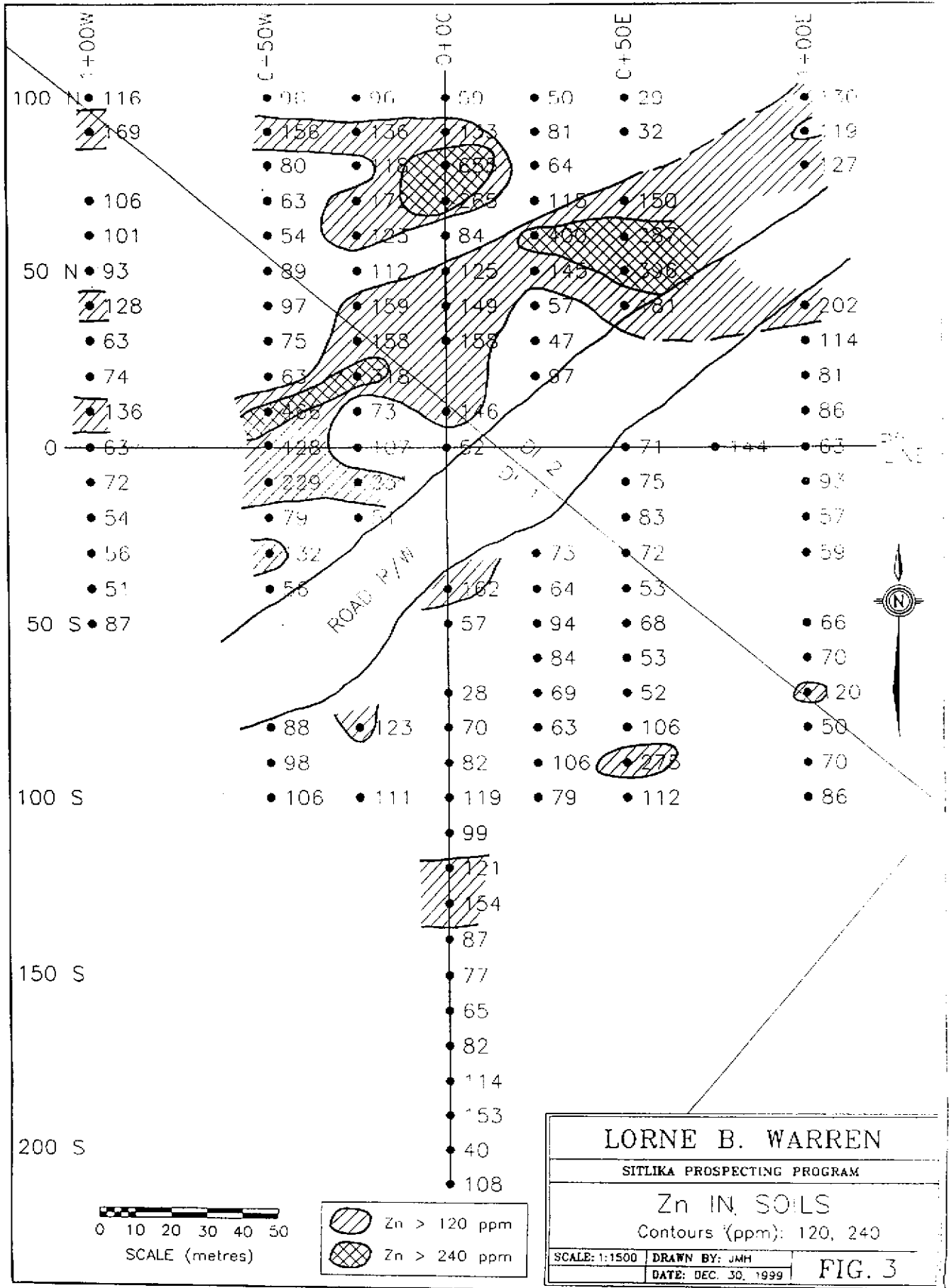
A close spaced soil grid and hand trenching demonstrated that the massive sulphide occurrence strikes at 240 degrees and dips steeply to the north. A significant Zn, As, Cu anomaly is open to the east and west along the Fall River Access Road.

### Recommendations

Extend the soil grid to the east and west. Do magnetometer and EM survey over the soil geochem anomaly.







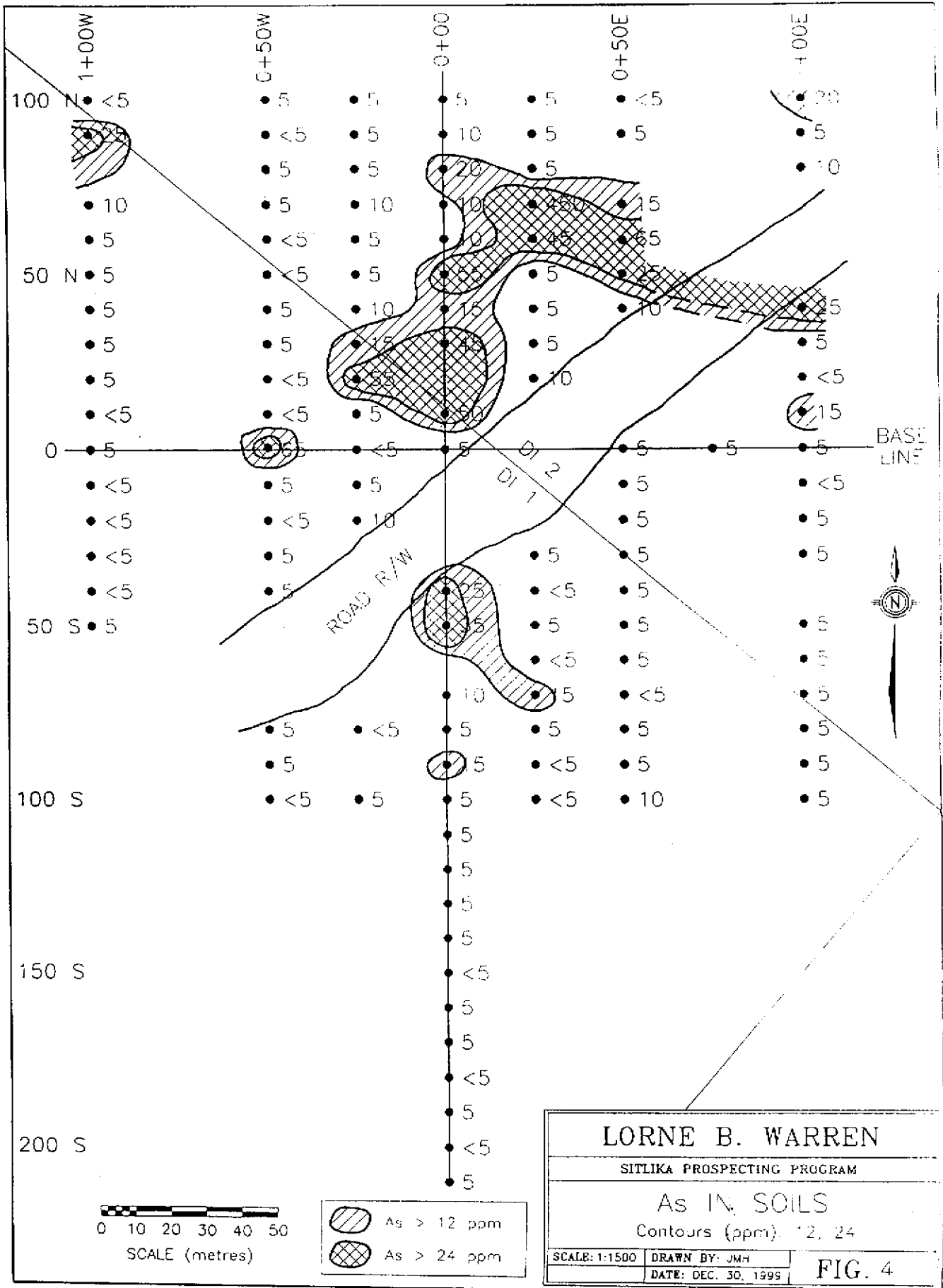


FIG. 4

**Statement of Expenditures****Expenses**

## Wages and Benefits

56 mandays @ \$200/day \$11,200.00

## Room and Board

56 mandays @ \$65/day \$ 3,640.00

## Vehicle Rental

30 days @ 75/day \$ 2,250.00

## Radio Rentals

30 days @ \$21/day \$ 630.00

Sample Bags/Soil Bags \$ 200.00

Flagging 48 Rolls @\$3/roll \$ 144.00

Assays – soils and rocks \$ 1,295.02

Total Project Costs for Assessment Purposes \$19,359.02

## **Lorne B. Warren**

### **Statement of Qualifications**

1963 – Geological Assistant – Mastodon Highland Bell - Gordon Hilchey – Geologist - Dome Mountain Area.

1964 – Geological Assistant – Phelps Dodge Corp. Stikine area.

1965 – Prospector/Geological Assistant Native Mines.

1966 – 1971 – Full time field tech / line cutter/ Prospector Manex Mining Ltd. –M.J. Beley – Manager

1971 –1979 – Granby Mining Corp. – Field Supervisor, Office manager, Supervised Drill programs- Logged drill core and percussion drill cuttings.

1979 – Present – President and Manager of CJL Ent. Ltd. , Kengold Mines Ltd. And Angel Jade Mines Ltd. – Placer mining/contract exploration work/Full time prospecting.

## **Chris Warren**

### **Statement of Qualifications**

1990 – Completed the Smithers Exploration Group's Bush Skills course. Worked at Duckling Creek as a Geological assistant.

1991 – Assisted in the instruction of the Smithers Exploration Bush Skills course. Worked in Johanson Lake as a line cutter.

1992 - Assisted in the instruction of the Smithers Exploration Bush Skills course. Misc. claim staking jobs/ field assistant.

1993 – Worked at a placer operation as a loader operator and did misc. claim staking jobs/prospecting assistant.

1994 – Worked in Manson Creek area doing placer testing, running magnetometer/computer work/claimstaking/Prospector's Assistant.

1995 – Present – Worked full time for CJL Enterprises Ltd. – Claim staker/line cutter/camp construction/pro prospector.

## List of References

**Crosby, R.O. , 1977: Report on airborne geophysical surveys, Ruth mineral claims, Takla Lake Area, B.C. ; McIntyre Mines Ltd.; Open file assessment report No. 6578**

**Macleod, W.A. , 1979: Assessment report on geological and geochemical surveys, Skye 1, 3-7 claims, (July 1 – Aug. 27, 1979), Omineca Mining District, B.C. Shell Resources report. BCDM Sdd. Report No. 7642.**

**Macleod, W.A. , 1981: Report on geological, geochemical and geophysical surveys, Ruth 1-4, Skye 7 claims, BCDM Assessment report No. 9547.**

**Paterson, I.A. , 1974: Geology of the Cache Creek group and mesozonic rocks at the northern end of the Stuart Lake belt, central B.C. ; Geological Survey of Canada; paper 74-1, part B; pp. 31.**

**Fiona Childe: Geochronological and Radiogenic Isotopic Investigations of VMS Deposits within Accreted Terranes of the Canadian Cordillera.**

**Paul Schiarizza and Gary Payie B.C.G.S. Geological field work 1996, paper 1997-1.**

**1996 Warren/Angel Jade Mines – Assessment report No. 24658.**

## **Appendix 1**

### **Analytical Results 1999**



**CJL Enterprises Ltd**

Attention: L. B. Warren

Project: Diver Grid

Sample: rock

**TSL Assay Vancouver**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0437 RJ

Date : Nov-17-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L0+00 0+60S	0.2	0.34	<5	2550	0.5	<5	0.21	<1	3	101	84	1.36	0.27	0.04	340	<2	0.04	5	670	12	<5	1	<10	105	0.01	11	<10	3	23	6
L0+00 0+20N	<0.2	3.68	<5	50	<0.5	<5	0.28	3	6	21	40	7.44	0.10	3.80	1160	<2	0.03	7	630	<2	<5	5	<10	3	0.19	43	<10	39	347	7
L0+00E 0+40S	<0.2	0.28	<5	120	<0.5	<5	0.44	<1	14	73	24	8.05	0.01	0.16	2505	<2	0.07	12	840	12	5	14	<10	33	0.13	178	<10	11	104	10

*Diver Grid.*

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: \_\_\_\_\_

*AD 1*

**CJL Enterprises Ltd**

Attention: L. B. Warren

Project: Diver Grid

Sample: soil

**TSL Assays Vancouver**  
 8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
 Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0437 SJ

Date : Nov-17-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L0+00 0+40S	<0.2	2.15	25	310	<0.5	<5	0.65	<1	27	57	49	5.72	0.03	0.69	420	2	0.01	37	460	14	<5	4	<10	25	0.29	132	<10	7	162	11
L0+00 0+50S	<0.2	1.82	35	230	0.5	<5	1.06	<1	15	47	72	4.35	0.03	0.42	605	<2	0.01	43	1370	8	<5	6	<10	41	0.05	75	<10	39	57	7
L0+00 0+70S	<0.2	1.43	10	130	<0.5	<5	1.08	<1	6	22	11	3.01	0.03	0.27	185	2	0.01	16	470	2	<5	2	<10	40	0.06	58	<10	3	28	3
L0+00 0+80S	<0.2	1.59	5	160	0.5	<5	0.77	<1	10	36	27	3.98	0.05	0.43	650	2	0.02	31	660	6	<5	5	<10	36	0.09	72	<10	22	70	5
L0+00 0+90S	<0.2	1.31	15	180	<0.5	<5	0.21	<1	8	30	18	4.31	0.04	0.24	245	2	0.01	18	410	10	<5	3	<10	17	0.09	111	<10	2	82	4
L0+00 1+00S	<0.2	1.61	5	200	<0.5	<5	0.78	<1	9	33	23	3.19	0.04	0.32	425	<2	0.01	23	470	10	<5	4	<10	28	0.06	69	<10	6	119	3
L0+00 1+10S	<0.2	1.24	5	170	<0.5	<5	0.48	<1	9	30	10	3.45	0.03	0.31	1250	2	0.01	20	350	10	<5	3	<10	23	0.08	72	<10	3	99	3
L0+00 1+20S	<0.2	1.55	5	180	<0.5	<5	0.70	<1	12	37	24	4.41	0.04	0.42	840	2	0.01	28	600	12	<5	4	<10	31	0.06	84	<10	3	121	3
L0+00 1+30S	<0.2	2.09	5	330	0.5	<5	0.83	1	14	34	41	4.06	0.05	0.31	1890	2	0.01	29	590	12	<5	6	<10	31	0.08	87	<10	59	154	4
L0+00 1+40S	<0.2	1.62	5	260	0.5	<5	0.76	<1	13	34	23	3.87	0.04	0.33	580	2	0.01	33	360	8	<5	6	<10	30	0.08	73	<10	24	87	6
L0+00 1+50S	<0.2	1.77	<5	330	0.5	<5	1.29	1	12	37	30	3.70	0.04	0.35	940	<2	0.01	31	480	8	<5	7	<10	44	0.10	70	<10	19	77	5
L0+00 1+60S	<0.2	1.51	5	210	0.5	<5	1.23	<1	6	30	47	2.91	0.03	0.28	335	<2	0.01	29	630	6	<5	4	<10	40	0.06	53	<10	12	65	3
L0+00 1+70S	0.2	1.50	5	170	0.5	<5	1.30	1	8	30	69	3.25	0.03	0.28	575	<2	0.01	31	650	6	<5	4	<10	35	0.07	50	<10	19	82	3
L0+00 1+80S	0.2	1.19	<5	160	0.5	<5	1.15	1	7	30	75	2.84	0.03	0.30	820	<2	0.01	32	710	6	<5	3	<10	33	0.05	46	<10	12	114	4
L0+00 1+90S	<0.2	1.58	5	200	0.5	<5	1.18	1	12	41	124	3.62	0.04	0.41	1165	<2	0.01	63	740	10	<5	6	<10	37	0.08	59	<10	16	153	6
L0+00 2+00S	<0.2	0.96	<5	130	<0.5	<5	1.00	<1	6	26	29	2.11	0.03	0.27	375	<2	0.01	24	640	4	<5	3	<10	31	0.04	40	<10	7	40	3
L0+00 2+10S	<0.2	1.76	5	180	0.5	<5	1.85	<1	11	43	164	3.27	0.03	0.56	1220	<2	0.01	59	1720	4	<5	3	<10	45	0.05	53	<10	24	108	4
BLO+00E 0+00	<0.2	1.88	5	190	<0.5	<5	0.11	<1	8	28	20	4.82	0.03	0.34	235	2	0.01	27	320	6	<5	3	<10	17	0.08	84	<10	2	52	4
L0+00 0+10N	<0.2	2.64	50	80	<0.5	<5	0.61	3	56	39	54	7.48	0.03	1.00	575	<2	0.01	32	500	6	<5	9	<10	12	0.24	206	<10	18	146	10
L0+00 0+30N	<0.2	1.68	45	150	0.5	<5	1.64	4	52	44	249	6.90	0.04	0.38	2550	2	0.01	62	1390	12	<5	7	<10	34	0.07	75	<10	127	158	9
L0+00 0+40N	<0.2	1.60	15	150	0.5	<5	0.80	1	9	41	207	3.89	0.05	0.42	395	<2	0.02	49	850	8	<5	9	<10	42	0.09	59	<10	66	149	7
L0+00 0+50N	<0.2	1.86	55	170	1.0	5	0.95	<1	26	45	211	8.19	0.04	0.44	1350	4	0.01	68	740	14	<5	11	<10	37	0.07	105	<10	78	125	12
L0+00 0+60N	<0.2	1.54	10	120	0.5	<5	0.63	<1	11	34	83	3.59	0.03	0.38	365	2	0.01	35	350	4	<5	5	<10	22	0.09	69	<10	28	84	4
L0+00 0+70N	<0.2	2.19	10	150	0.5	<5	0.49	1	11	41	61	3.88	0.04	0.48	360	<2	0.01	67	380	4	<5	5	<10	28	0.10	67	<10	16	265	6
L0+00 0+80N	2.6	2.58	20	250	1.0	<5	1.31	2	76	47	215	5.74	0.06	0.70	2930	2	0.01	86	1410	10	<5	13	<10	34	0.03	85	<10	50	655	9
L0+00 0+90N	<0.2	1.95	10	160	0.5	<5	0.88	1	19	42	131	4.37	0.03	0.41	1650	2	0.01	120	370	8	<5	5	<10	32	0.08	75	<10	11	133	6
L0+00 1+00N	<0.2	1.63	5	120	<0.5	<5	0.27	<1	9	28	16	4.17	0.02	0.37	225	2	0.01	20	260	2	<5	3	<10	22	0.08	89	<10	2	59	4
L0+25E 0+30S	<0.2	1.43	5	120	<0.5	<5	0.16	<1	10	32	13	4.08	0.02	0.29	235	2	0.01	21	350	10	<5	3	<10	16	0.10	96	<10	2	73	5
L0+25E 0+40S	<0.2	1.10	<5	120	<0.5	<5	0.33	<1	8	24	11	2.68	0.02	0.19	220	<2	0.01	16	250	6	<5	2	<10	20	0.07	72	<10	2	64	4
L0+25E 0+50S	<0.2	1.59	5	160	<0.5	<5	0.13	<1	8	33	31	4.53	0.03	0.28	290	<2	0.01	21	650	6	<5	3	<10	15	0.08	107	<10	2	94	3

*DIVER GRID.*

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

*[Signature]*  
 Dr. P. ...

**CJL Enterprises Ltd**

Attention: L. B. Warren

Project: Diver Grid

Sample: soil

**TSL Assays Inc**  
 8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
 Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0437 SJ

Date : Nov-17-99

**MULTI-ELEMENT ICP ANALYSIS**  
 Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LD+25E 0+60S	<0.2	1.19	<5	150	0.5	<5	0.15	<1	8	31	12	4.21	0.03	0.27	245	2	0.01	19	530	8	<5	3	<10	19	0.09	86	<10	5	84	3
LD+25E 0+70S	<0.2	1.86	15	180	0.5	<5	0.18	<1	13	38	24	4.82	0.04	0.43	340	2	0.01	34	650	10	<5	4	<10	23	0.08	91	<10	3	69	4
LD+25E 0+80S	<0.2	1.43	5	210	0.5	<5	1.10	1	13	36	61	3.85	0.04	0.38	1700	<2	0.01	35	410	10	<5	6	<10	50	0.07	64	<10	13	63	4
LD+25E 0+90S	<0.2	1.29	<5	170	<0.5	<5	0.95	2	9	26	18	3.53	0.04	0.30	1670	<2	0.01	19	340	10	<5	3	<10	31	0.08	64	<10	3	106	3
LD+25E 1+00S	<0.2	1.06	<5	170	<0.5	<5	0.34	<1	5	22	6	3.10	0.03	0.16	195	<2	0.01	10	420	6	<5	2	<10	20	0.08	72	<10	2	79	2
LD+25E 0+20N	<0.2	1.30	10	70	<0.5	<5	0.15	<1	9	30	11	4.11	0.03	0.36	285	<2	0.01	15	460	8	<5	2	<10	10	0.14	91	<10	2	97	4
LD+25E 0+30N	<0.2	1.20	5	110	<0.5	<5	0.09	<1	5	26	11	3.56	0.02	0.21	170	2	0.01	15	400	6	<5	2	<10	15	0.08	79	<10	2	47	4
LD+25E 0+40N	<0.2	1.06	5	120	<0.5	<5	0.09	<1	5	25	11	3.24	0.03	0.20	175	<2	0.01	16	400	4	<5	2	<10	17	0.06	69	<10	2	57	4
LD+25E 0+50N	<0.2	1.32	5	120	<0.5	<5	0.24	1	11	29	9	4.03	0.04	0.43	420	2	0.01	13	490	6	<5	2	<10	12	0.24	110	<10	2	145	5
LD+25E 0+60N	<0.2	1.73	45	160	0.5	<5	1.13	1	33	51	182	5.80	0.05	0.60	920	<2	0.01	75	1050	10	<5	6	<10	37	0.12	74	<10	28	450	8
LD+25E 0+70N	0.2	2.68	450	240	<0.5	<5	0.31	<1	12	25	74	5.89	0.03	0.61	410	6	0.01	11	220	12	<5	6	<10	11	0.26	214	<10	7	115	7
LD+25E 0+80N	0.2	1.75	5	150	0.5	<5	0.90	1	15	38	61	3.65	0.03	0.41	515	<2	0.01	41	300	6	<5	4	<10	32	0.07	66	<10	5	64	4
LD+25E 0+90N	<0.2	1.60	5	220	0.5	<5	0.36	<1	12	32	17	4.56	0.04	0.30	405	2	0.01	24	620	12	<5	3	<10	27	0.08	82	<10	7	81	4
LD+25E 1+00N	<0.2	2.64	5	380	0.5	<5	0.28	<1	12	31	22	3.88	0.03	0.28	175	2	0.01	39	270	2	<5	4	<10	26	0.06	67	<10	3	50	8
LD+50E 0+10S	<0.2	1.37	5	90	<0.5	<5	0.23	<1	8	39	14	4.62	0.05	0.34	285	<2	0.01	23	670	6	<5	3	<10	17	0.08	92	<10	2	75	3
LD+50E 0+20S	<0.2	1.14	5	130	<0.5	<5	0.13	<1	7	33	12	3.27	0.03	0.34	265	<2	0.01	19	460	8	<5	3	<10	18	0.09	82	<10	2	83	3
LD+50E 0+30S	<0.2	1.38	5	190	<0.5	<5	0.17	<1	9	28	12	4.26	0.05	0.33	550	2	0.01	19	750	6	<5	3	<10	22	0.08	92	<10	2	72	3
LD+50E 0+40S	0.2	1.10	5	100	<0.5	<5	0.10	<1	7	26	10	3.63	0.03	0.23	225	<2	0.01	15	720	6	<5	2	<10	13	0.12	82	<10	1	53	3
LD+50E 0+50S	<0.2	1.23	5	170	<0.5	<5	0.17	<1	8	32	9	4.27	0.03	0.27	245	2	0.01	16	400	8	<5	3	<10	19	0.11	104	<10	2	68	4
LD+50E 0+60S	<0.2	1.64	5	200	<0.5	<5	0.26	<1	8	27	10	4.33	0.03	0.29	250	2	0.01	17	390	10	<5	3	<10	21	0.09	101	<10	2	53	4
LD+50E 0+70S	<0.2	1.32	<5	140	<0.5	<5	0.49	<1	7	29	28	2.50	0.03	0.36	280	<2	0.01	25	280	4	<5	5	<10	25	0.08	47	<10	8	50	4
LD+50E 0+80S	<0.2	1.46	5	110	<0.5	<5	0.36	<1	11	32	12	4.94	0.03	0.37	620	2	0.01	24	410	8	<5	5	<10	21	0.04	88	<10	4	106	4
LD+50E 0+90S	<0.2	1.27	5	140	<0.5	<5	0.51	1	9	29	12	3.25	0.03	0.35	1010	<2	0.01	24	380	6	<5	3	<10	25	0.10	58	<10	4	275	4
LD+50E 1+00S	<0.2	1.55	10	160	<0.5	<5	0.16	<1	9	35	15	4.49	0.03	0.36	315	2	0.01	25	970	8	<5	4	<10	15	0.06	86	<10	3	112	3
BLO+00 0+50E	<0.2	1.30	5	90	<0.5	<5	0.10	<1	7	30	10	4.43	0.05	0.28	220	2	0.01	17	440	8	<5	2	<10	12	0.10	92	<10	1	71	4
LD+50E 0+40N	<0.2	1.62	10	150	0.5	<5	0.65	2	11	31	91	3.91	0.03	0.26	1340	2	0.01	43	320	10	<5	3	<10	20	0.07	72	<10	10	151	4
LD+50E 0+50N	<0.2	1.84	25	170	0.5	<5	1.02	3	14	41	213	4.05	0.04	0.43	1420	2	0.01	88	640	8	<5	7	<10	32	0.11	59	<10	28	350	7
LD+50E 0+60N	<0.2	1.53	65	130	0.5	<5	1.31	<1	35	42	209	5.23	0.04	0.49	1375	2	0.01	52	1190	6	<5	4	<10	27	0.06	60	<10	38	287	6
LD+50E 0+70N	<0.2	2.01	15	170	0.5	<5	1.10	<1	17	53	104	4.80	0.04	0.65	585	<2	0.01	52	880	8	<5	7	<10	35	0.12	83	<10	31	150	7
LD+50E 0+90N	<0.2	1.37	5	150	0.5	<5	1.06	<1	16	21	92	2.67	0.09	0.32	825	<2	0.01	25	1060	4	<5	5	<10	25	0.02	36	<10	30	32	4

*Diver Grid*

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: *[Signature]*  
 Nov 22 1999

**CJL Enterprises Ltd**

Attention: L. B. Warren

Project: Diver Grid

Sample: soil

**TSL Assays Vancouver**  
 8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
 Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0437 SJ

Date : Nov-17-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L0+50E 1+00N	<0.2	1.17	<5	110	<0.5	<5	0.24	<1	6	21	14	3.06	0.03	0.17	140	2	0.01	12	220	8	<5	2	<10	17	0.06	71	<10	2	29	3
L1+00E 0+10S	<0.2	2.50	<5	220	0.5	<5	0.86	1	7	23	33	4.21	0.04	0.27	550	<2	0.01	29	560	8	<5	5	<10	26	0.03	48	<10	37	93	4
L1+00E 0+20S	<0.2	2.93	5	190	0.5	<5	0.21	<1	14	36	20	4.54	0.03	0.35	285	2	0.01	41	500	2	<5	5	<10	23	0.08	73	<10	5	57	9
L1+00E 0+30S	<0.2	1.70	5	230	<0.5	<5	0.11	<1	8	28	20	4.21	0.03	0.32	270	<2	0.01	25	400	6	<5	4	<10	21	0.06	79	<10	3	59	4
L1+00E 0+50S	<0.2	1.65	5	160	0.5	<5	0.73	<1	32	48	51	5.68	0.03	0.57	775	2	0.01	61	690	8	<5	6	<10	33	0.12	79	<10	15	66	7
L1+00E 0+60S	<0.2	1.40	5	120	<0.5	<5	0.12	<1	6	26	9	3.99	0.02	0.19	175	<2	0.01	15	910	6	<5	2	<10	13	0.08	75	<10	2	70	3
L1+00E 0+70S	<0.2	2.04	5	180	<0.5	<5	0.25	<1	13	45	13	5.46	0.03	0.44	280	2	0.01	28	710	10	<5	3	<10	18	0.16	106	<10	3	120	7
L1+00E 0+80S	<0.2	1.11	5	130	<0.5	<5	0.10	<1	5	25	16	2.94	0.02	0.22	185	<2	0.01	16	940	8	<5	2	<10	14	0.07	69	<10	2	50	3
L1+00E 0+90S	<0.2	1.50	5	140	<0.5	<5	0.08	<1	7	23	10	3.16	0.03	0.27	355	<2	0.01	22	930	2	<5	3	<10	11	0.06	55	<10	2	70	3
L1+00E 1+00S	<0.2	2.02	5	190	0.5	<5	0.15	<1	10	32	16	4.19	0.04	0.36	345	<2	0.01	29	1470	10	<5	3	<10	18	0.08	73	<10	2	86	3
BLO+00 1+00E	<0.2	1.51	5	150	<0.5	<5	0.81	<1	8	32	61	3.65	0.03	0.34	515	2	0.01	31	480	8	<5	3	<10	29	0.05	62	<10	11	63	4
BLO+00E	<0.2	1.53	5	160	<0.5	<5	0.80	1	11	35	48	4.38	0.03	0.31	465	2	0.01	28	370	14	<5	3	<10	27	0.11	80	<10	8	84	5
L1+00E 0+10N	<0.2	1.72	15	220	0.5	<5	1.14	<1	15	44	155	4.64	0.07	0.49	1365	<2	0.02	52	1050	10	<5	13	<10	50	0.07	72	<10	46	86	6
L1+00E 0+20N	0.2	2.04	<5	210	<0.5	<5	1.36	1	12	39	31	4.51	0.03	0.36	275	<2	0.02	34	410	10	<5	5	<10	41	0.10	90	<10	8	81	5
L1+00E 0+30N	0.2	2.99	5	300	0.5	<5	0.65	<1	18	44	29	5.62	0.04	0.44	315	<2	0.01	44	440	8	<5	5	<10	32	0.13	104	<10	6	114	11
L1+00E 0+40N	<0.2	2.18	25	210	0.5	<5	1.18	1	18	52	91	5.40	0.05	0.58	1040	2	0.01	61	650	24	<5	6	<10	40	0.10	91	<10	13	202	6
L1+00E 0+80N	<0.2	2.97	10	230	0.5	<5	0.88	<1	17	48	79	5.34	0.04	0.55	595	2	0.02	62	570	12	<5	8	<10	37	0.14	90	<10	34	127	9
L1+00E 0+90N	0.2	2.56	5	200	<0.5	<5	0.35	1	17	46	74	4.89	0.04	0.59	405	<2	0.01	62	410	8	5	5	<10	26	0.12	105	<10	5	119	8
L1+00E 1+00N	<0.2	3.29	20	320	1.0	<5	1.51	1	30	78	306	5.40	0.07	0.79	1230	<2	0.01	185	960	10	<5	18	<10	48	0.08	87	<10	44	130	11
BLO+25W 0+00	<0.2	2.48	<5	210	<0.5	<5	0.43	1	15	39	27	4.65	0.04	0.48	375	<2	0.01	39	310	4	<5	4	<10	24	0.13	89	<10	6	107	8
L0+25W 0+10N	<0.2	2.06	5	160	<0.5	<5	0.41	<1	16	46	24	4.55	0.03	0.61	425	<2	0.01	37	330	8	<5	4	<10	25	0.17	94	<10	6	73	7
L0+25W 0+20N	<0.2	3.37	55	120	0.5	<5	0.70	<1	26	24	47	6.98	0.03	0.66	625	2	0.01	93	660	8	5	5	<10	20	0.21	79	<10	39	318	12
L0+25W 0+30N	0.2	1.63	15	100	<0.5	<5	0.35	1	13	27	15	5.85	0.05	0.50	330	16	0.01	16	870	10	<5	5	<10	12	0.30	217	<10	5	158	7
L0+25W 0+40N	<0.2	2.23	10	170	<0.5	<5	0.11	1	13	37	21	5.64	0.05	0.54	380	6	0.01	33	770	6	5	4	<10	14	0.11	99	<10	6	159	4
L0+25W 0+50N	<0.2	1.44	5	170	<0.5	<5	0.14	1	10	32	13	4.30	0.03	0.27	410	<2	0.01	19	950	6	<5	3	<10	15	0.13	98	<10	3	112	3
L0+25W 0+60N	<0.2	1.36	5	130	<0.5	<5	0.25	1	11	33	11	4.05	0.04	0.31	315	2	0.01	21	480	10	<5	3	<10	17	0.11	99	<10	2	123	5
L0+25W 0+70N	0.2	2.15	10	200	0.5	<5	0.51	1	14	39	91	4.21	0.04	0.35	1160	2	0.01	92	350	8	5	6	<10	25	0.08	72	<10	18	172	6
L0+25W 0+80N	<0.2	1.86	5	140	0.5	<5	0.60	1	12	32	43	3.94	0.03	0.29	520	2	0.01	38	410	8	<5	4	<10	27	0.08	86	<10	8	118	4
L0+25W 0+90N	<0.2	2.31	5	180	0.5	<5	1.13	2	16	39	65	4.63	0.04	0.41	1855	2	0.01	56	570	10	<5	5	<10	31	0.06	85	<10	10	136	4
L0+25W 1+00N	<0.2	1.93	5	190	0.5	<5	1.11	2	26	49	220	4.20	0.03	0.45	1915	<2	0.01	147	770	10	<5	7	<10	33	0.09	71	<10	26	96	6

*DIVER GRID.*

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: \_\_\_\_\_

*As Page 4*

**CJL Enterprises Ltd**

Attention: L.B. Warren

Project: Recon

Sample: soil

**TSL Assays Vancouver**  
 8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
 Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0438 SJ

Date : Nov-17-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L0+25W 0+10S	<0.2	2.39	5	200	0.5	<5	0.87	1	15	47	41	4.96	0.04	0.60	1090	<2	0.02	42	360	6	<5	7	<10	35	0.10	88	<10	29	231	6
L0+25W 0+20S	<0.2	1.40	10	170	0.5	<5	0.42	<1	10	31	30	3.68	0.03	0.36	440	<2	0.01	32	230	4	<5	5	<10	31	0.07	64	<10	18	51	6
L0+25W 0+80S	<0.2	1.68	<5	190	<0.5	<5	0.64	<1	10	35	11	4.54	0.04	0.35	375	<2	0.01	18	300	8	<5	3	<10	28	0.12	96	<10	2	123	6
L0+25W 1+00S	<0.2	1.71	5	230	<0.5	<5	0.27	<1	10	32	10	5.26	0.07	0.35	440	<2	0.01	17	570	6	<5	3	<10	24	0.13	109	<10	2	111	5
BLO+50W 0+00	<0.2	2.10	65	110	<0.5	<5	0.22	<1	31	17	9	6.20	0.08	0.61	540	2	<0.01	13	710	4	<5	5	<10	7	0.15	125	<10	6	128	6
L0+50W 0+10S	<0.2	2.96	5	190	<0.5	<5	0.51	1	37	58	30	7.52	0.08	0.53	520	2	0.01	62	740	8	<5	3	<10	21	0.25	114	<10	5	229	13
L0+50W 0+20S	<0.2	2.24	<5	190	<0.5	<5	0.33	1	18	47	20	5.47	0.05	0.55	405	2	0.01	41	550	8	<5	4	<10	25	0.15	113	<10	5	79	7
L0+50W 0+30S	<0.2	2.71	5	300	<0.5	<5	0.56	<1	14	46	27	5.39	0.04	0.46	320	<2	0.01	35	460	4	<5	5	<10	36	0.13	118	<10	21	132	6
L0+50W 0+40S	<0.2	1.29	5	170	0.5	<5	0.64	<1	8	35	43	3.51	0.04	0.35	400	<2	0.01	28	510	6	<5	7	<10	42	0.06	63	<10	17	56	6
L0+50W 0+80S	<0.2	1.17	5	150	<0.5	<5	0.19	<1	8	34	11	3.85	0.06	0.30	325	<2	0.01	17	1000	8	<5	3	<10	18	0.10	89	<10	2	88	4
L0+50W 0+90S	<0.2	1.56	5	190	<0.5	<5	0.17	<1	8	34	14	3.97	0.04	0.36	325	<2	0.01	21	640	8	<5	3	<10	21	0.10	94	<10	3	98	4
L0+50W 1+00S	<0.2	1.66	<5	150	<0.5	<5	0.15	<1	8	31	11	4.52	0.04	0.34	400	<2	0.01	19	1930	4	<5	3	<10	17	0.07	84	<10	2	106	3
L0+50W 0+10N	<0.2	2.35	<5	160	0.5	<5	0.31	1	19	39	20	5.74	0.04	0.43	615	<2	0.01	34	620	8	<5	3	<10	18	0.13	94	<10	4	466	5
L0+50W 0+20N	<0.2	1.56	<5	120	<0.5	<5	0.24	<1	13	36	19	3.93	0.03	0.42	260	<2	0.01	30	320	2	<5	3	<10	18	0.13	71	<10	4	63	4
L0+50W 0+30N	<0.2	1.47	5	120	<0.5	<5	0.19	<1	9	34	13	4.35	0.04	0.35	240	2	0.01	20	520	6	<5	3	<10	19	0.12	98	<10	2	75	4
L0+50W 0+40N	<0.2	1.06	5	80	<0.5	<5	0.13	<1	6	23	7	3.58	0.02	0.27	185	6	<0.01	12	350	6	<5	3	<10	10	0.10	98	<10	4	97	4
L0+50W 0+50N	<0.2	1.73	<5	150	<0.5	<5	0.38	1	10	31	18	3.19	0.03	0.40	265	<2	0.01	24	250	<2	<5	4	<10	28	0.07	60	<10	4	89	4
L0+50W 0+60N	<0.2	1.27	<5	120	<0.5	<5	0.32	<1	7	22	6	3.40	0.03	0.24	315	<2	0.01	10	250	8	<5	2	<10	18	0.11	83	<10	3	54	3
L0+50W 0+70N	<0.2	1.46	5	100	<0.5	<5	0.17	<1	8	31	11	3.70	0.03	0.39	235	2	0.01	21	280	4	<5	3	<10	17	0.07	79	<10	2	63	4
L0+50W 0+80N	<0.2	1.66	5	160	<0.5	<5	0.20	<1	10	28	15	4.13	0.03	0.34	385	2	0.01	23	320	6	<5	3	<10	20	0.06	88	<10	2	80	4
L0+50W 0+90N	<0.2	2.68	<5	130	0.5	<5	0.87	1	9	19	26	4.89	0.03	0.31	765	2	0.01	20	570	4	<5	4	<10	24	0.07	52	<10	21	156	3
L0+50W 1+00N	<0.2	2.40	5	140	0.5	<5	0.29	<1	13	43	28	5.08	0.03	0.37	290	2	0.01	41	380	6	<5	4	<10	18	0.07	102	<10	6	96	4
L1+00W 0+10S	<0.2	2.53	<5	60	<0.5	<5	0.33	<1	42	79	32	7.08	0.02	1.12	540	<2	0.01	55	840	<2	<5	4	<10	10	0.52	154	<10	5	72	11
L1+00W 0+20S	<0.2	1.77	<5	80	<0.5	<5	0.41	<1	27	64	7	5.50	0.03	0.70	425	<2	0.01	26	560	2	<5	3	<10	12	0.55	162	<10	4	54	8
L1+00W 0+30S	<0.2	1.58	<5	100	<0.5	<5	0.37	<1	15	56	7	4.98	0.03	0.65	315	<2	0.01	23	450	2	<5	3	<10	17	0.38	153	<10	4	56	7
L1+00W 0+40S	<0.2	1.99	<5	160	0.5	<5	0.46	<1	11	33	53	3.64	0.03	0.34	465	<2	0.01	37	240	6	<5	4	<10	23	0.08	75	<10	7	51	4
L1+00W 0+50S	<0.2	1.70	5	170	0.5	<5	0.59	<1	10	40	58	3.55	0.04	0.47	425	<2	0.02	44	400	4	<5	7	<10	36	0.11	64	<10	16	87	6
BLL+00W 0+00	0.7	1.27	5	80	<0.5	<5	0.23	<1	12	31	8	4.48	0.03	0.44	365	<2	0.01	18	520	6	<5	3	<10	13	0.20	110	<10	3	63	4
L1+00W 0+10N	<0.2	2.43	<5	250	0.5	<5	1.11	2	16	33	23	5.02	0.04	0.34	4085	<2	0.01	31	650	8	<5	6	<10	33	0.13	74	<10	15	136	5
L1+00W 0+20N	<0.2	2.21	5	140	0.5	<5	0.63	<1	6	29	16	3.22	0.03	0.25	185	2	0.01	22	490	6	<5	3	<10	26	0.05	73	<10	8	74	3

*DIVER GRID*

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

*[Signature]*  
*A. P. ...*

CJL Enterprises Ltd

Attention: L.B. Warren

Project: Recon

Sample: soil

TSL Assaye **ancouver**  
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0438 SJ

Date : Nov-17-99

### MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L1+00W 0+30N	<0.2	1.57	5	110	<0.5	<5	0.17	<1	6	29	11	4.10	0.03	0.27	225	2	0.01	15	340	10	<5	3	<10	15	0.08	86	<10	4	63	3
L1+00W 0+40N	<0.2	2.59	5	200	0.5	<5	1.15	<1	12	35	40	4.71	0.04	0.34	665	2	0.01	39	570	6	<5	5	<10	29	0.05	76	<10	25	128	5
L1+00W 0+50N	<0.2	2.09	5	170	0.5	<5	0.99	1	10	35	63	4.17	0.04	0.35	1265	2	0.01	36	400	6	<5	7	<10	36	0.05	70	<10	23	93	5
L1+00W 0+60N	<0.2	1.84	5	130	0.5	<5	0.82	1	8	32	52	3.71	0.03	0.32	550	<2	0.01	30	330	6	<5	4	<10	30	0.08	59	<10	17	101	4
L1+00W 0+70N	<0.2	2.74	10	190	0.5	<5	0.72	1	13	42	39	4.73	0.05	0.49	530	2	0.01	40	440	8	<5	5	<10	30	0.07	94	<10	11	106	5
L1+00W 0+90N	0.2	2.78	25	130	1.0	<5	1.30	1	9	37	189	3.53	0.04	0.38	400	<2	0.01	73	680	8	<5	9	<10	36	0.04	51	<10	99	169	6
L1+00W 1+00N	<0.2	2.34	<5	130	<0.5	<5	0.51	2	23	42	44	5.15	0.03	0.60	1530	<2	0.01	37	320	8	<5	4	<10	17	0.20	123	<10	9	116	7

*Diver Grid 140 Samples*

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: \_\_\_\_\_

*AP Rao G*

**CJL Enterprises Ltd**

Attention: L. B. Warren

Project: Diver Grid

Sample: soil

**TSL Assaye Vancouver**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0439 SJ

Date : Nov-17-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

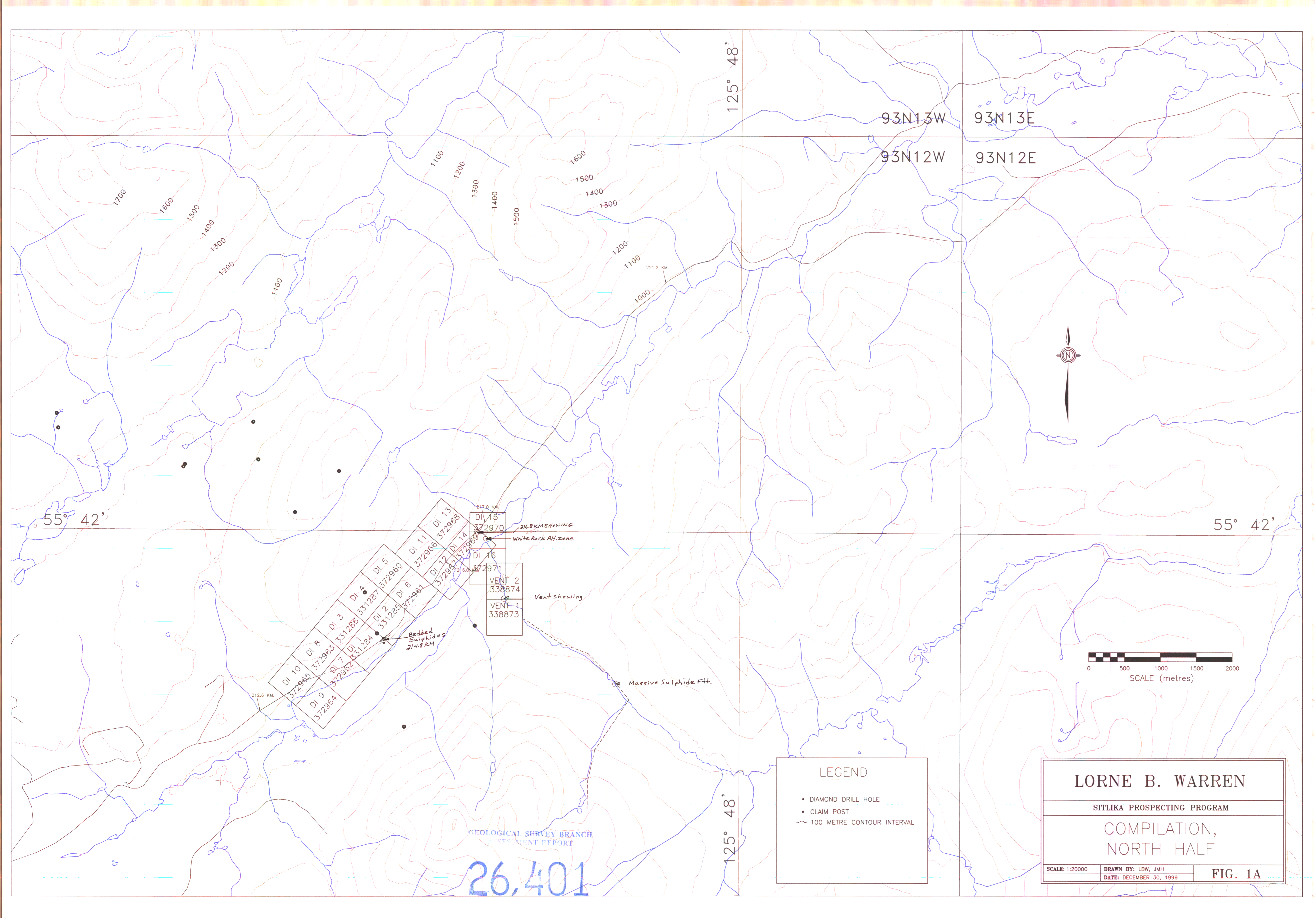
Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LV0+50S 2+50E	<0.2	1.33	5	200	<0.5	<5	0.43	1	4	12	23	2.03	0.06	0.39	380	<2	0.01	7	480	14	<5	2	<10	44	0.06	34	<10	7	433	2
LV0+50S 2+75E	<0.2	0.74	<5	80	<0.5	<5	0.03	<1	2	5	1	0.74	0.03	0.15	80	<2	<0.01	1	140	6	<5	1	<10	5	0.05	21	<10	3	86	1
LV0+50S 3+00E	<0.2	1.35	<5	200	<0.5	<5	0.41	2	5	14	24	1.91	0.05	0.40	710	<2	0.01	8	500	20	<5	2	<10	36	0.10	41	<10	10	548	2
LV0+50S 3+25E	<0.2	1.77	5	110	<0.5	<5	0.48	1	8	22	11	5.68	0.05	0.78	610	<2	<0.01	11	400	46	<5	3	<10	35	0.18	63	<10	4	383	4
LV0+50S 3+50E	<0.2	2.01	10	120	<0.5	<5	0.60	1	8	19	26	5.12	0.04	0.39	375	<2	0.01	14	980	50	<5	3	<10	44	0.09	60	<10	20	639	4
LV0+50S 3+75E	<0.2	1.20	<5	40	<0.5	<5	0.05	<1	3	6	2	1.80	0.03	0.21	135	<2	<0.01	3	220	4	<5	2	<10	6	0.11	42	<10	4	25	1
LV0+50S 4+00E	<0.2	2.53	15	140	0.5	<5	0.60	6	12	32	134	4.18	0.08	0.77	2680	2	0.01	35	2080	24	<5	5	<10	46	0.04	38	<10	62	1653	5
LV0+50S 4+25E	<0.2	2.05	5	190	<0.5	<5	0.11	1	12	31	45	4.23	0.06	0.71	1265	<2	<0.01	13	620	24	<5	2	<10	14	0.03	48	<10	10	1189	2
LV0+50S 4+50E	<0.2	3.37	35	170	0.5	<5	0.95	4	15	45	149	5.73	0.07	0.88	2035	<2	0.01	49	1900	22	5	11	<10	80	0.05	70	<10	59	2243	6
LV0+50S 4+75E	0.2	2.09	5	200	<0.5	<5	0.67	<1	7	60	30	2.93	0.07	1.10	405	<2	0.01	14	840	6	<5	5	<10	62	0.11	56	<10	18	174	3
LV0+50S 5+00E	<0.2	1.83	<5	110	<0.5	<5	0.05	<1	4	34	6	2.45	0.03	0.44	195	<2	<0.01	6	370	4	<5	3	<10	6	0.03	77	<10	2	45	2
LV1+50S 2+50E	<0.2	1.76	<5	170	<0.5	<5	0.23	1	1	24	3	0.92	0.05	0.34	95	<2	0.01	4	450	<2	<5	2	<10	21	<0.01	50	<10	1	230	1
LV1+50S 2+75E	0.2	3.78	15	140	0.5	<5	0.93	9	9	40	161	3.53	0.05	0.53	1900	2	0.01	44	2840	10	<5	7	<10	64	0.01	76	<10	63	1859	6
LV1+50S 3+00E	<0.2	2.26	15	170	<0.5	<5	0.32	1	8	44	16	3.89	0.03	0.87	370	<2	<0.01	21	530	18	<5	4	<10	28	0.08	68	<10	7	948	3
LV1+50S 3+25E	0.2	1.28	15	110	<0.5	<5	0.71	1	6	18	24	3.00	0.04	0.47	320	<2	<0.01	10	710	34	<5	2	<10	56	0.06	37	<10	7	309	2
LV1+50S 3+50E	0.6	2.03	35	110	0.5	<5	0.83	<1	11	28	92	4.08	0.06	0.57	675	<2	0.01	31	860	50	<5	4	<10	62	0.06	39	<10	52	379	3
LV1+50S 3+75E	<0.2	1.68	10	40	<0.5	<5	0.02	<1	5	22	16	3.96	0.02	0.39	155	<2	<0.01	10	360	18	<5	3	<10	4	0.07	64	<10	1	59	2
LV1+50S 4+00E	<0.2	1.51	30	100	<0.5	<5	0.40	<1	11	32	25	4.09	0.03	0.86	445	<2	<0.01	25	430	26	<5	3	<10	28	0.07	51	<10	3	250	3
LV1+50S 4+25E	0.2	2.06	20	110	0.5	<5	0.71	<1	11	35	70	4.73	0.08	1.16	860	<2	0.01	31	1130	18	<5	7	<10	51	0.07	53	<10	54	462	4
LV1+50S 4+75E	0.2	1.87	20	110	0.5	<5	0.47	<1	9	34	83	4.15	0.10	0.96	590	<2	0.01	26	860	12	<5	5	<10	38	0.09	52	<10	37	634	6
LV1+50S 5+00E	1.2	2.31	<5	100	0.5	<5	0.04	1	10	39	53	6.80	0.06	0.66	365	<2	0.01	46	750	24	5	2	<10	25	0.02	56	<10	7	92	4
BLO+75E	<0.2	3.10	5	370	0.5	<5	0.52	<1	12	36	20	6.17	0.04	0.78	655	2	0.01	32	620	8	<5	5	<10	58	0.10	106	<10	4	144	6
WRS-1	<0.2	1.62	5	240	<0.5	<5	0.13	<1	9	51	12	4.98	0.05	0.40	475	2	0.01	28	1980	6	<5	3	<10	23	0.12	100	<10	3	98	5
WRS-2	<0.2	2.36	5	110	0.5	<5	0.11	<1	7	44	10	3.93	0.03	0.31	260	2	0.01	21	1480	<2	<5	3	<10	13	0.10	71	<10	4	127	4

— RECON GRID 99. 21 Samples.  
 — W.R. Alteration Zone 2 Samples.

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: \_\_\_\_\_

*AS Page 7*



55° 42'

125° 48'

93N13W

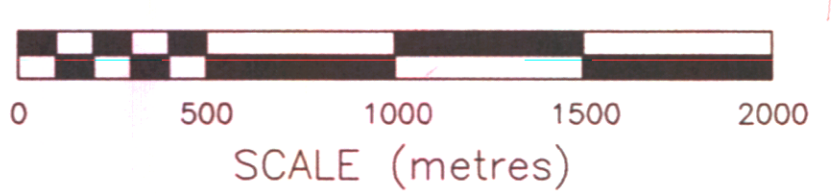
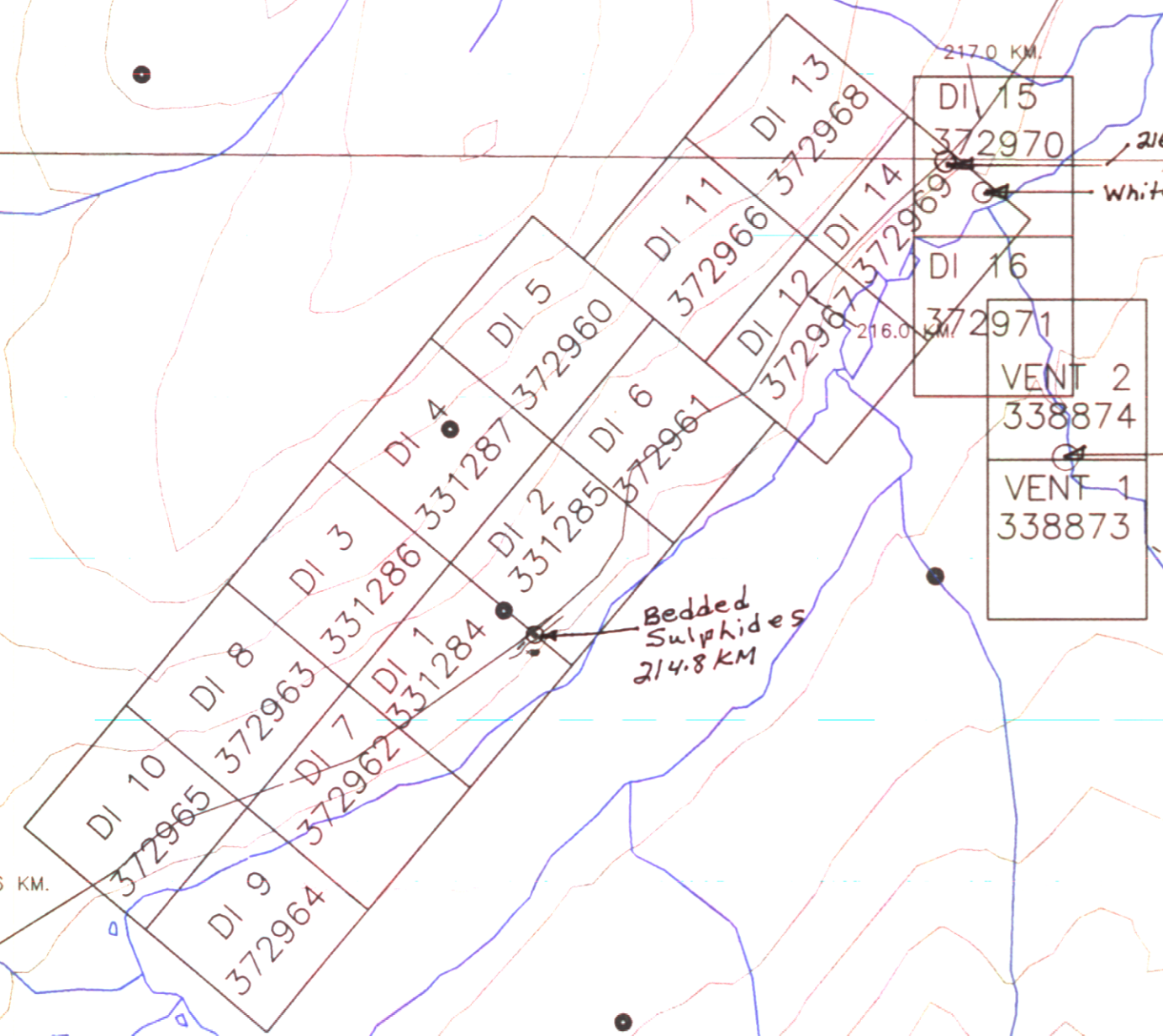
93N13E

93N12W

93N12E



55° 42'



**LEGEND**

- DIAMOND DRILL HOLE
- CLAIM POST
- ~ 100 METRE CONTOUR INTERVAL

**LORNE B. WARREN**

SITLIKA PROSPECTING PROGRAM

COMPILATION,  
NORTH HALF

SCALE: 1:20000    DRAWN BY: LBW, JMH  
DATE: DECEMBER 30, 1999    FIG. 1A

26,401

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT