REPORT ON

A

GEOCHEMICAL SURVEY

PINE 1 PROPERTY

FOR

TOLTEC RESOURCES LTD.

480-650 WEST GEORGIA ST.

VANCOUVER, B.C.

V6B 4N9

NELSON MINING DIVISION

NTS 82 F1/E

LAT. 49° 11'N

LONG. 116° 11'W

BY: W.C. DAY

B. Sc., P. GEO

OCTOBER, 1990

21438

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TABLE OF CONTENTS

T.K.

1. INTRODUCTION

1.1 The program of subject in this report was commissioned by Toltec Resources Ltd. The program was conducted during the period Oct 9/90 through Oct 22/90. The purpose of the program was to conduct a reconnaissance geochemical survey over the southern area of the Pine 1 claim block to determine the potential of the property for hosting lead-zinc-silver mineralization like that found at the Sullivan Mine.

1.2 The samples collected consist of 315 soil samples and 10 silt samples. The samples were submitted to Vangeochem Labs of Vancouver, B.C. for analyses. The soil samples were analysed for their lead, zinc and silver content while the silt samples were subjected to multi-element (ICP) analyses to determine what other elements might be present.

1...

2. SUMMARY

2.1 The results of the fall geochemical program located a few slightly elevated zinc values. As the Aldridge formation is often anomalous in zinc, none of the values are sufficiently high as to be unduely significant. The program, as a result, did not detect the presence of any near surface concentration of mineralization.

3. LOCATION, ACCESS (FIG. 1) AND PHYSIOGRAPHY

3.1 The Pine 1 claim is located in southeastern British Columbia (NST 82 F/1E) approximately 10 air kilometers northwest of the hamlet of Yahk, B.C. The property can be reached by logging road from Provincial Highway No. 3 near Canadian Pacific Railroad Station Goatfell.

3.2 Access to the eastern and central claim area is reasonably good by utilizing fair gravel logging roads. Access to the entire western half of the claims is very difficult. Several old logging roads were encountered during the program but all are choked with alder and are virtually impassable.

3.3 The property lies on a southfacing slope with its lowest elevation at 4000' ASL and rises to 6100' ASL. Several creeks cut the property which, at the time of the program, were dry. These creek valleys are modestly incised at source and become deeply incised at the southern claim boundary. The creek valley's are very steep and second growth (willow and tag alder) after logging has choked the area.

3.4 The limited access, steep topography, thick second growth and weather conditions (snow) at the time of the program

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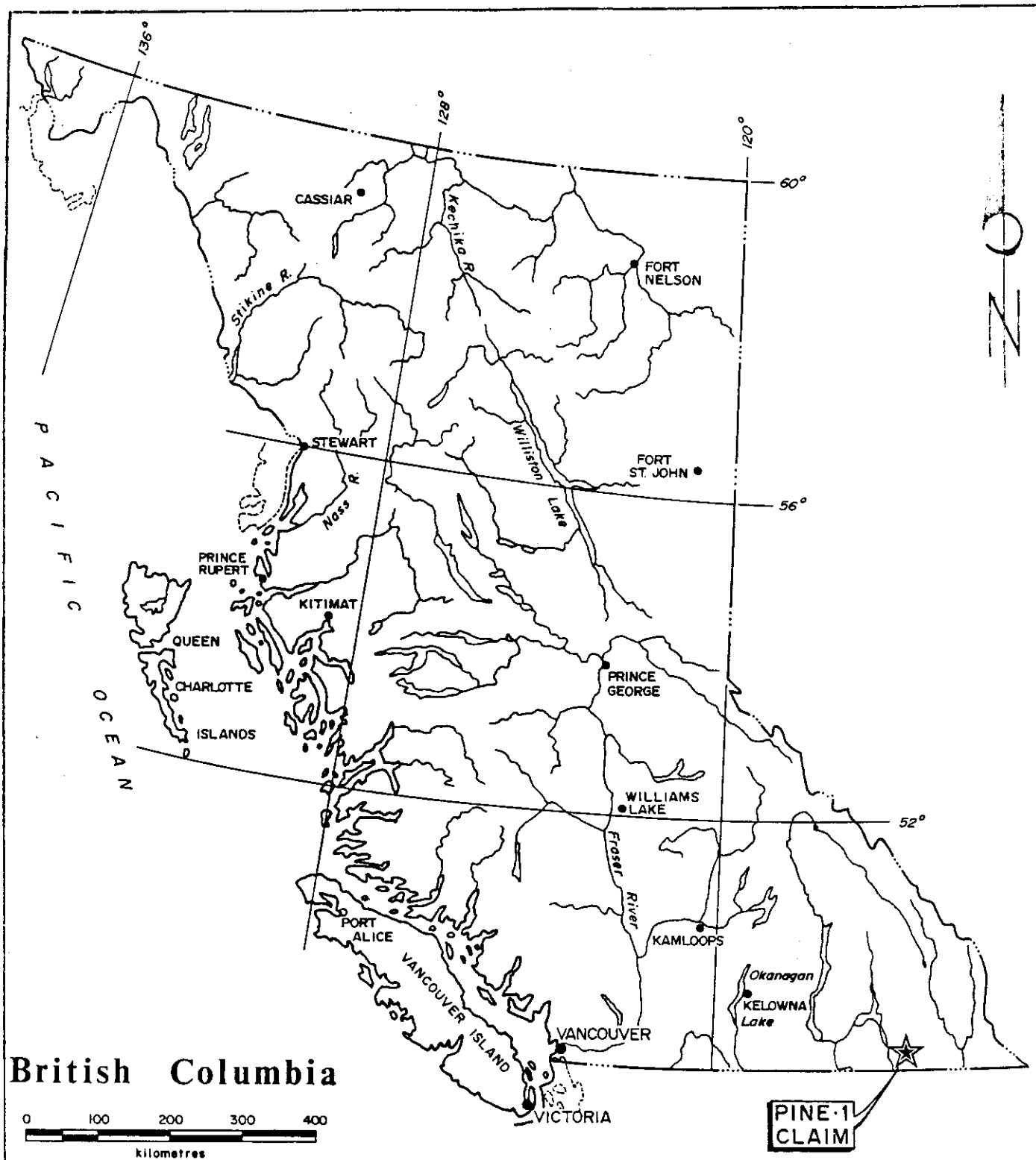


TOLTEC RESOURCES LTD.	
LOCATION MAP PINE 1 CLAIM	
DATE: OCT. 90	DRAWN BY: na
NTS: 82F 1/E	FIG: 1

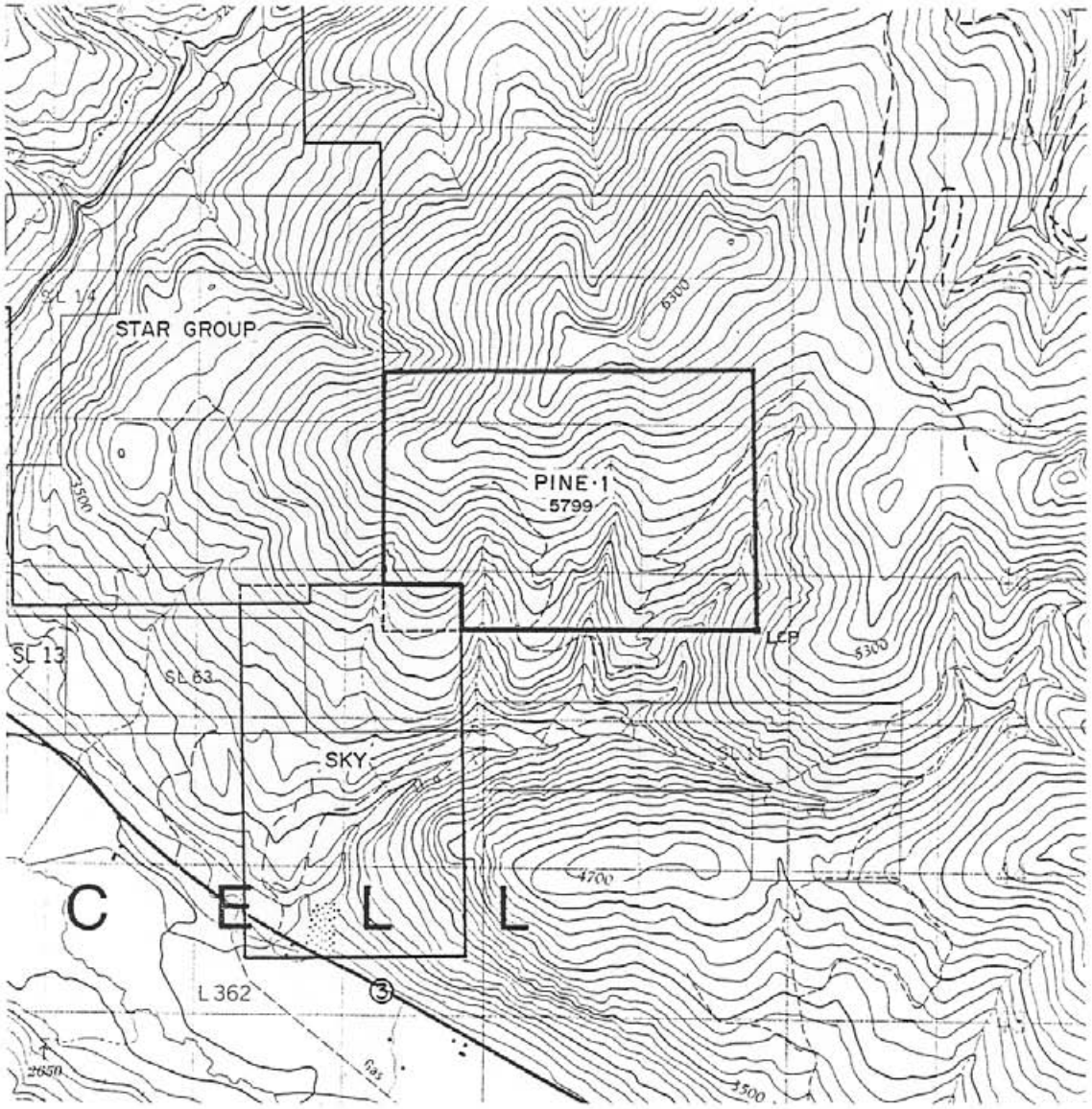
made for very difficult working conditions.

4. PROPERTY AND OWNERSHIP (FIG. 2)

4.1 The Pine 1 claim is a 20 unit block situated in the Nelson Mining Division of southeastern British Columbia. The owner of record is Mr. D. Wiklund of Creston B. C. who optioned the claim to Alban Exploration Ltd. of Vancouver, B.C. Alban has subsequently granted an option to Toltec Resources Ltd. who can earn a 50% interest in the property by issuing cash and stock to Alban and funding $600,000 in exploration over a 4 year period.

4.2 Pertinent claim data follows:

Claim	Record #	No. of units	Expiry Date
Pine 1	5799	20	July 1, 1991



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TOLTEC RESOURCES LTD.	
CLAIM MAP PINE 1 CLAIM	
DATE: OCT. 90	DRAWN BY: na
NTS: 82F 1/E	FIG: 2

5. HISTORY

5.1 The only previous work recorded on the Pine 1 claim area was a soil sampling and geological mapping program conducted in the spring of 1990 (Fig. 3 and Fig. 4).

5.2 Considerable exploration has been conducted on several properties adjoining the Pine 1 claim. The Sky and Barb claims to the south and southwest host Pb, Zn, Cu (minor Au) in a dominantly pyrite massive sulphide showing. Cominco Ltd. and Barkhor Resources Ltd. have conducted geological mapping, soil geochemistry, geophysics and minor diamond drilling on the Star claim which adjoins the Pine 1 claim on the west. This work has led to the discovery of Sullivan type mineralization on the Star claim.

6. GEOLOGY AND MINERALIZATION

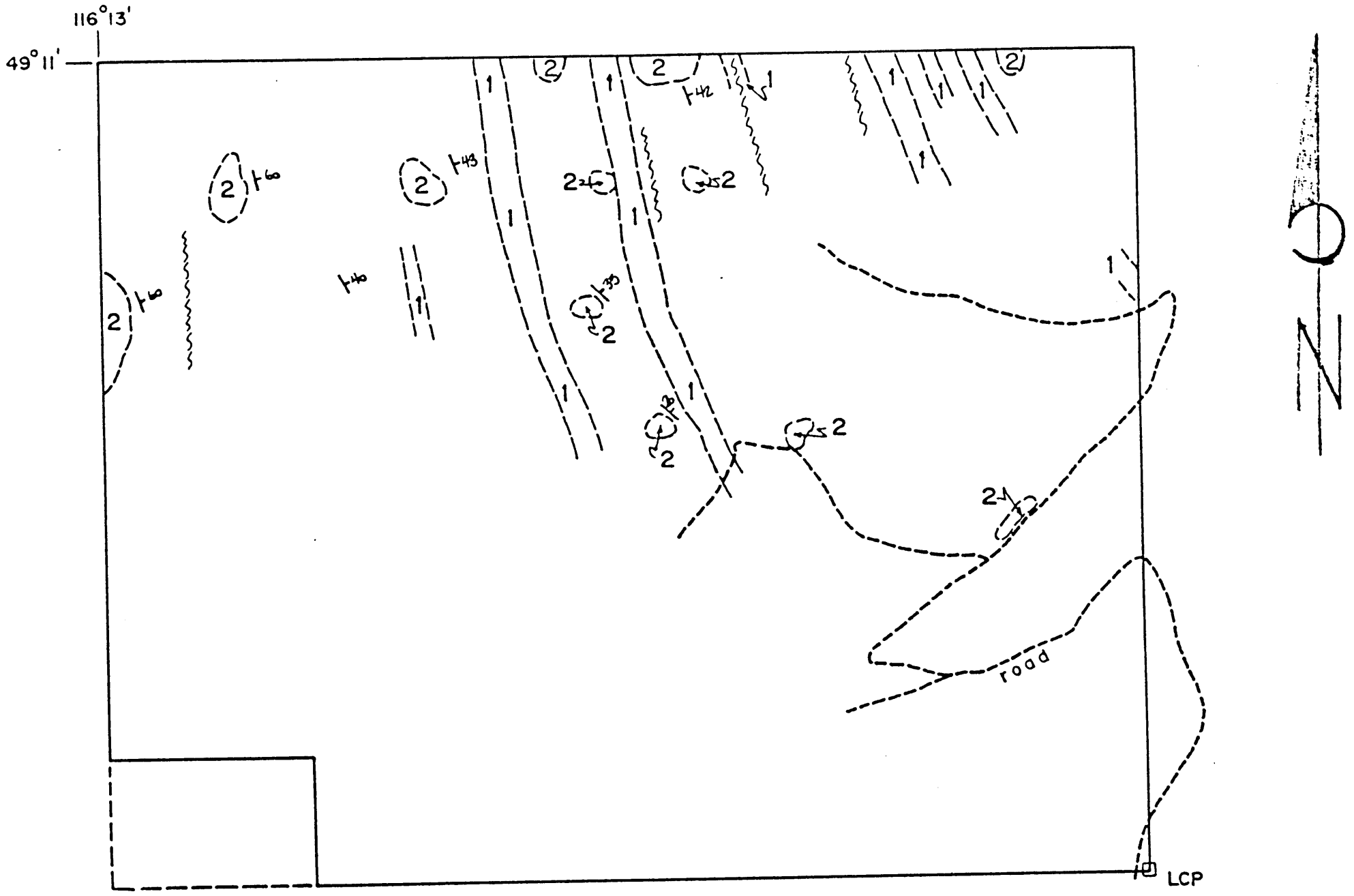
6.1 The area is underlain by Proterozoic sedimentary rocks of the Aldridge formation which forms the lower part of the Purcell Supergroup. The Aldridge formation is divided into three divisions with the upper division consisting of black, laminated argillites; the middle division consisting of quartzose greywackes (also containing marker argillites and the majority of meta-gabbro sills); and the lower division consisting of thinbedded argillites and siltstones. The Sullivan orebody is located at the top of the lower division.

6.2 The Cominco Ltd. Sullivan mine is located 60 km north of the Pine 1 claim. It is both stratabound and stratiform in nature and is enclosed in argillaceous sedimentary rocks at the lower-middle Aldridge contact. This mine has produced lead, zinc and silver valued at $30 Billion.

6.3 The footwall of the orebody is characterized by tourmaline and chlorite alteration with local brecciation. Irregular sulphide veins also occur in the footwall and contain galena, sphalerite and pyrrhotite with quartz, arsenopyrite and chalcopyrite. Sedimentary breccias, tourmalinite and quartz sulphide veins are the main Sullivan indicators with the principal tools of

exploration being geophysics, geochemistry and prospecting for these indicators.

6.4 The Pine 1 claim is underlain by the lower middle Aldridge formation as indicated by stratigraphic markers and is, therefore, located in a favourable environment for hosting Sullivan-type mineralization.



1 - Gabbro

2 - Quartzite

Fault

0 500 1000 Metres

TOLTEC RESOURCES LTD.	
GEOLOGY MAP PINE 1 CLAIM	
DATE: OCT. 90	DRAWN BY: na
NTS: 82F 1/E	FIG: 3

7. FALL 1990 GEOCHEMISTRY PROGRAM (FIG. 5)

7.1 A total of 315 soil samples and 10 silt samples were collected during the course of the program. The soil samples were collected, where possible, at 25 m intervals along lines having 200 meter separations. Overburden generally appears limited in the areas covered and as such soil geochemistry should detect near surface mineralization if such is present. Heavy snowfall during the later part of the program prevented access to the lower claim area and as such no soil samples were collected in that area. To compensate for this lack of information silt samples were collected from all creeks draining the claim area.

7.2 All samples were submitted to Vangeochem Labs Ltd. for analyses with the soil samples being analysed for lead, zinc and silver and the silt samples were analysed by 25 element ICP.

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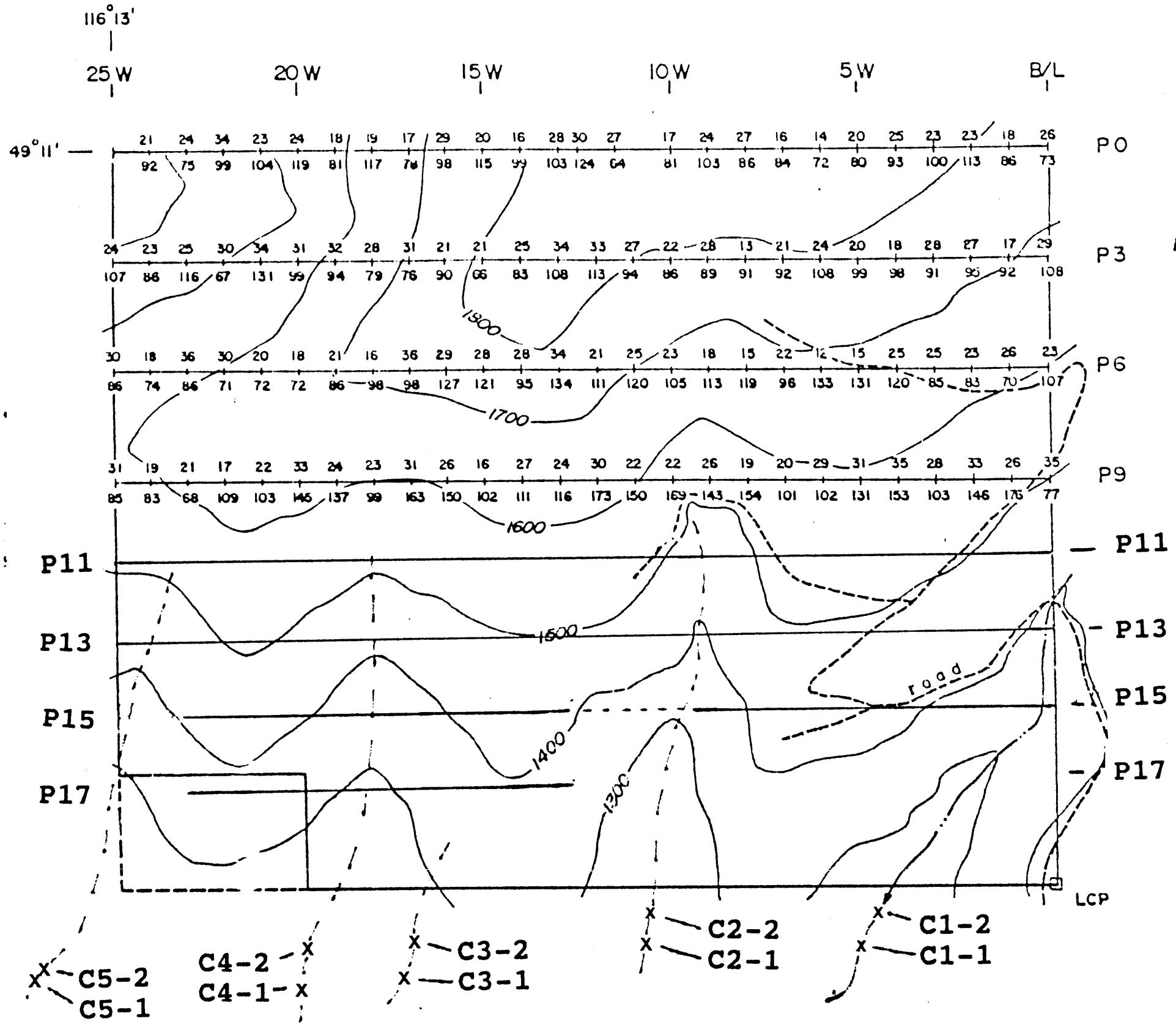


23 Pb (ppm)

99 Zn (ppm)

1500 Elevation (metres)

0 500 1000 Metres

TOLTEC RESOURCES LTD.	
GEOCHEMISTRY MAP PINE 1 CLAIM	
DATE: OCT. 90	DRAWN BY: na
NTS: 82F 1/E	FIG: 5

8. RESULTS AND CONCLUSIONS (Appendix 1)

8.1 A total of 315 soil samples and 10 silt samples were collected during the course of the program. The soil samples were analysed for their lead, zinc and silver content whereas the silt samples were subjected to multi-element analyses by ICP. Sample analyses were conducted by Vangeochem Lab Ltd. of Vancouver, B.C. Analytical results are tabulated in Appendix 1.

8.2 No significant results were detected in any of the 25 elements analysed in the silt samples. Of the 315 soil samples collected only 12 showed the presence of lead values above detection limit (2 ppm) with the highest value being 37 ppm. One hundred and sixty one of the silver values were below detection limits and of the rest the highest value was .9 ppm. Zinc values ranged from a low of 35 ppm to a high of 336 ppm. Only 26 samples showed a value above 200 ppm with two of these above 300 ppm. The Aldridge formation is generally anomalous in zinc and these slightly elevated values are not unusual.

8.2 None of the samples collected contained silver or lead values of any significance. Though a few slightly elevated zinc values were found to be present (those above 200 ppm) they are not sufficiently high to indicate

9...

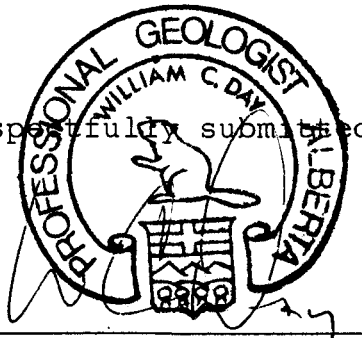
the presence of any concentrations of near surface zinc mineralization. This does not, however, preclude the possibility of zinc mineralization being present at depth.

8.3 Due to the lack of any significant values no values have been plotted. The line locations and silt sample locations, however, are shown in Fig. 5.

9. RECOMMENDATIONS

9.1 No further work is recommended at this time on the Pine 1 claim, however, the property should be maintained for a time to monitor activities and results of programs on surrounding claims.

Respectfully submitted,



W.C. Day, B.Sc., P.Geol.

CERTIFICATE

I, William C. Day, with residence at 258 W. 24th St., North Vancouver, B.C., do hereby certify that:

a) That I have practiced my profession as a Geologist since graduation from the University of British Columbia (B. Sc., 1976).

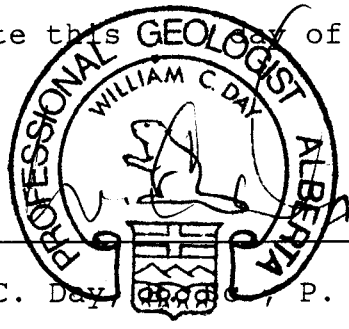
b) That I have been involved in mineral exploration since 1965.

c) That I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

d) That I was a member of the crew that conducted the program of subject in this report.

e) I have no interest, direct nor indirect, in the subject property nor in Toltec Resources Ltd.

Date this [illegible] of Novemeber, 1990 at Vancouver, B.C.



W.C. Day, B.Sc., P. Geol.

APPENDIX 1

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900709 GA JOB NUMBER: 900709 MR. BILL DAY

SAMPLE #	Pb ppm	Zn ppm	Ag ppm
P-11 0+00	nd	165	nd
P-11 0+25W	15	86	.1
P-11 0+50W	nd	208	.3
P-11 0+75W	nd	92	.2
P-11 1+00W	nd	143	.2
P-11 1+25W	nd	134	.1
P-11 1+50W	nd	147	.2
P-11 1+75W	nd	126	nd
P-11 2+00W	nd	75	nd
P-11 2+25W	nd	153	nd
P-11 2+50W	nd	119	nd
P-11 2+75W	nd	87	nd
P-11 3+00W	nd	83	.3
P-11 3+25W	nd	130	.6
P-11 3+50W	nd	133	.4
P-11 3+75W	nd	147	.3
P-11 4+00W	nd	121	.3
P-11 4+25W	nd	109	.2
P-11 4+50W	nd	137	nd
P-11 4+75W	nd	210	.2
P-11 5+00W	nd	152	.9
P-11 5+25W	nd	145	.2
P-11 5+50W	nd	125	.2
P-11 5+75W	nd	114	.2
P-11 6+00W	nd	154	.3
P-11 6+25W	nd	146	.2
P-11 6+50W	nd	147	.4
P-11 6+75W	nd	175	.2
P-11 7+00W	nd	140	.2
P-11 7+25W	nd	115	.2
P-11 7+50W	nd	89	.1
P-11 7+75W	nd	90	nd
P-11 8+00W	nd	78	nd
P-11 8+25W	nd	71	nd
P-11 8+50W	nd	86	nd
P-11 8+75W	nd	79	nd
P-11 9+00W	nd	76	nd
P-11 9+25W	nd	82	nd
P-11 9+50W	nd	76	nd
DETECTION LIMIT	2	1	0.1

nd = none detected -- = not analysed is = insufficient sample

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SAMPLE #	Pb ppm	Zn ppm	Ag ppm
P-11 9+75W	nd	141	.2
P-11 10+00W	nd	115	.2
P-11 10+25W	nd	108	.1
P-11 10+50W	nd	113	nd
P-11 10+75W	nd	76	nd
P-11 11+00W	nd	94	nd
P-11 11+25W	nd	159	nd
P-11 11+50W	nd	149	nd
P-11 11+75W	nd	181	nd
P-11 12+00W	nd	261	nd
P-11 12+25W	nd	237	nd
P-11 12+50W	nd	218	.2
P-11 12+75W	nd	172	.2
P-11 13+00W	nd	175	.2
P-11 13+25W	nd	152	.1
P-11 13+50W	nd	185	nd
P-11 13+75W	nd	231	.2
P-11 14+00W	nd	243	.1
P-11 14+25W	nd	175	nd
P-11 14+50W	nd	135	nd
P-11 14+75W	nd	140	.1
P-11 15+00W	nd	129	.2
P-11 15+25W	nd	127	.3
P-11 15+50W	nd	145	nd
P-11 15+75W	nd	119	nd
P-11 16+00W	nd	123	nd
P-11 16+25W	nd	206	.1
P-11 16+50W	nd	131	nd
P-11 16+75W	nd	83	nd
P-11 17+00W	nd	76	nd
P-11 17+25W	11	115	nd
P-11 17+50W	nd	137	nd
P-11 17+75W	nd	140	nd
P-11 18+00W	nd	138	.4
P-11 18+25W	nd	161	.2
P-11 18+50W	nd	113	.3
P-11 18+75W	nd	225	nd
P-11 19+00W	nd	305	nd
P-11 19+25W	nd	174	nd
DETECTION LIMIT	2	1	0.1

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SAMPLE #	Pb ppm	Zn ppm	Ag ppm
P-11 19+50W	nd	142	.1
P-11 19+75W	nd	137	.2
P-11 20+00W	nd	121	nd
P-11 20+25W	nd	109	.2
P-11 20+50W	nd	113	.1
P-11 20+75W	nd	150	.1
P-11 21+00W	nd	113	.2
P-11 21+25W	nd	117	.3
P-11 21+50W	nd	135	.2
P-11 21+75W	nd	119	.1
P-11 22+00W	nd	102	nd
P-11 22+25W	nd	149	nd
P-11 22+50W	2	58	.2
P-11 22+75W	nd	163	.1
P-11 23+00W	nd	127	.3
P-11 23+25W	nd	100	.2
P-11 23+50W	nd	117	.1
P-11 23+75W	nd	110	nd
P-11 24+00W	nd	93	nd
P-11 24+25W	nd	35	nd
P-11 24+50W	nd	94	.2
P-11 24+75W	nd	80	nd
P-11 25+00W	nd	98	nd
P-13 SILT	nd	95	.2
P-13 0+00	3	80	nd
P-13 0+25W	nd	67	.2
P-13 0+50W	nd	135	.1
P-13 0+75W	nd	131	nd
P-13 1+00W	nd	118	nd
P-13 1+25W	nd	164	nd
P-13 1+50W	nd	121	nd
P-13 1+75W	nd	121	.2
P-13 2+00W	nd	115	nd
P-13 2+25W	nd	111	.3
P-13 2+50W	nd	146	nd
P-13 2+75W	nd	165	nd
P-13 3+00W	nd	84	nd
P-13 3+25W	nd	148	.4
P-13 3+50W	nd	121	.1
DETECTION LIMIT	2	1	0.1

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P-13 4+00W	nd	135	.3
P-13 4+25W	nd	140	.1
P-13 4+50W	nd	114	.2
P-13 4+75W	nd	123	.2
P-13 5+00W	nd	41	.1
P-13 5+25W	nd	81	nd
P-13 5+50W	3	57	nd
P-13 5+75W	nd	133	.5
P-13 6+00W	nd	168	.3
P-13 6+25W	nd	104	.1
P-13 6+50W	nd	170	.2
P-13 6+75W	nd	192	.4
P-13 7+00W	nd	186	.3
P-13 7+25W	nd	103	.2
P-13 7+50W	nd	136	.1
P-13 7+75W	nd	85	nd
P-13 8+00W	nd	52	nd
P-13 8+25W	nd	89	nd
P-13 8+50W	nd	105	nd
P-13 8+75W	nd	113	nd
P-13 9+00W	nd	95	.1
P-13 9+25W	nd	85	.1
P-13 9+50W	nd	84	.1
P-13 9+75W	nd	106	nd
P-13 9+80W SILT	nd	74	nd
P-13 10+00W	nd	184	nd
P-13 10+25W	nd	213	.1
P-13 10+50W	nd	122	.1
P-13 10+75W	nd	124	.2
P-13 11+00W	nd	99	nd
P-13 11+25W	nd	133	.1
P-13 11+50W	nd	187	.1
P-13 11+75W	nd	75	.1
P-13 12+00W	2	129	.2
P-13 12+25W	nd	231	.1
P-13 12+50W	nd	153	.1
P-13 12+75W	nd	210	nd
P-13 13+00W	nd	177	nd
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P-13 13+50W	nd	160	.1
P-13 13+75W	nd	155	nd
P-13 14+00W	nd	132	.2
P-13 14+25W	nd	122	.1
P-13 14+50W	nd	162	nd
P-13 14+75W	nd	132	nd
P-13 15+00W	nd	124	nd
P-13 15+25W	nd	107	.2
P-13 15+50W	nd	96	.1
P-13 15+75W	nd	81	nd
P-13 16+00W	nd	80	nd
P-13 16+25W	nd	103	nd
P-13 16+50W	nd	91	.2
P-13 16+75W	nd	98	nd
P-13 17+00W	nd	68	nd
P-13 17+25W	nd	74	nd
P-13 17+50W	nd	118	.1
P-13 17+75W	nd	94	.2
P-13 18+00W	22	86	.2
P-13 18+25W	nd	113	.2
P-13 18+50W	nd	102	nd
P-13 18+75W	nd	84	nd
P-13 19+00W	nd	115	.5
P-13 19+25W	nd	154	.2
P-13 19+50W	nd	102	nd
P-13 19+75W	nd	182	nd
P-13 20+00W	9	110	nd
P-13 20+25W	nd	150	nd
P-13 20+50W	nd	92	.2
P-13 20+75W	nd	108	.1
P-13 21+00W	nd	210	nd
P-13 21+25W	nd	102	nd
P-13 21+50W	nd	90	.1
P-13 21+75W	nd	82	nd
P-13 22+00W	nd	84	nd
P-13 22+25W	nd	73	nd
P-13 22+50W	nd	95	nd
P-13 22+75W	nd	149	nd
DETECTION LIMIT	2	1	0.1

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SAMPLE #	Pb ppm	Zn ppm	Ag ppm
P-13 23+00W	nd	105	nd
P-13 23+25W	nd	116	.1
P-13 23+50W	nd	113	nd
P-13 23+75W	nd	142	.2
P-13 24+00W	nd	108	nd
P-13 24+25W	nd	103	nd
P-13 24+50W	nd	51	nd
P-13 24+75W	2	89	nd
P-13 25+00W	nd	128	nd
P-15 0+00	37	139	nd
P-15 0+25W	nd	55	nd
P-15 0+50W	nd	74	.2
P-15 0+60W SILT	8	78	nd
P-15 0+75W	nd	110	nd
P-15 1+00W	nd	129	nd
P-15 1+25W	nd	130	nd
P-15 1+50W	nd	89	nd
P-15 1+75W	nd	201	nd
P-15 2+00W	nd	119	nd
P-15 2+25W	nd	174	.1
P-15 2+50W	nd	141	.3
P-15 2+75W	nd	242	.2
P-15 3+00W	nd	164	.1
P-15 3+25W	nd	176	nd
P-15 3+50W	nd	117	nd
P-15 3+75W	nd	163	nd
P-15 4+00W	nd	154	nd
P-15 4+25W	nd	76	nd
P-15 4+50W	nd	117	nd
P-15 4+75W	nd	122	nd
P-15 5+00W	nd	86	nd
P-15 5+25W	nd	78	nd
P-15 5+50W	nd	44	nd
P-15 5+75W	nd	43	nd
P-15 6+00W	nd	126	.1
P-15 6+25W	nd	81	nd
P-15 6+50W	nd	154	.1
P-15 6+75W	nd	138	.1
P-15 7+00W	nd	116	nd
DETECTION LIMIT	2	1	0.1

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900709 GA JOB NUMBER: 900709 MR. BILL DAY

SAMPLE #	Pb ppm	Zn ppm	Ag ppm
P-15 7+25W	nd	171	nd
P-15 7+50W	nd	152	.1
P-15 7+75W	nd	72	nd
P-15 13+75W	nd	252	nd
P-15 14+00W	nd	215	nd
P-15 14+25W	nd	215	nd
P-15 14+50W	nd	130	nd
P-15 14+75W	nd	135	nd
P-15 15+00W	nd	101	.1
P-15 15+25W	nd	121	.1
P-15 15+50W	nd	194	nd
P-15 15+75W	4	146	.2
P-15 16+00W	nd	164	.2
P-15 16+25W	nd	295	.2
P-15 16+50W	nd	134	.1
P-15 16+75W	nd	111	.1
P-15 17+00W	nd	272	nd
P-15 17+25W	nd	270	nd
P-15 17+50W	nd	220	.2
P-15 17+75W	nd	159	.1
P-15 18+00W	nd	132	.2
P-15 18+25W	7	185	.2
P-15 18+50W	nd	144	.1
P-15 18+75W	nd	114	nd
P-15 19+00W	nd	93	nd
P-15 19+25W	nd	84	nd
P-15 19+50W	nd	146	.2
P-15 19+75W	nd	136	.2
P-15 20+00W	nd	100	.1
P-15 20+25W	nd	110	.1
P-15 20+50W	nd	115	nd
P-15 20+75W	nd	264	.4
P-15 21+00W	nd	253	nd
P-15 21+25W	nd	123	nd
P-15 21+50W	nd	137	nd
P-15 21+75W	nd	115	.1
P-15 22+00W	nd	139	.2
P-15 22+25W	nd	115	.3
P-15 22+50W	nd	98	.1
DETECTION LIMIT	2	1	0.1

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900709 GA JOB NUMBER: 900709 MR. BILL DAY

SAMPLE #	Pb ppm	Zn ppm	Ag ppm
P-15 22+75W	nd	85	nd
P-15 23+00W	nd	95	nd
P-17 13+25W	nd	153	.2
P-17 13+50W	nd	147	nd
P-17 13+75W	nd	129	nd
P-17 14+00W	nd	110	.2
P-17 14+25W	nd	110	nd
P-17 14+50W	nd	176	nd
P-17 14+75W	nd	198	nd
P-17 15+00W	nd	263	nd
P-17 15+25W	nd	129	nd
P-17 15+50W	nd	166	nd
P-17 15+75W	nd	114	.1
P-17 16+00W	nd	99	nd
P-17 16+25W	nd	81	nd
P-17 16+50W	nd	95	.2
P-17 16+75W	nd	93	.5
P-17 17+00W	nd	152	.1
P-17 17+25W	nd	147	.1
P-17 17+50W	nd	116	.1
P-17 17+75W	nd	87	.2
P-17 18+00W	nd	68	.1
P-17 18+25W	nd	94	nd
P-17 18+50W	nd	203	nd
P-17 18+75W	nd	175	nd
P-17 19+00W	nd	66	nd
P-17 19+25W	nd	73	nd
P-17 19+50W	nd	135	nd
P-17 19+75W	nd	76	.1
P-17 20+00W	nd	115	nd
P-17 20+25W	nd	117	nd
P-17 20+50W	nd	85	nd
P-17 20+75W	nd	163	nd
P-17 21+00W	nd	115	.1
P-17 21+25W	nd	336	.1
P-17 21+50W	nd	197	nd
P-17 21+75W	nd	162	nd
P-17 22+00W	nd	124	.1
P-17 22+25W	nd	171	nd
DETECTION LIMIT	2	1	0.1

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900709 GA JOB NUMBER: 900709 MR. BILL DAY

SAMPLE #	Pb	Zn	Ag
	ppm	ppm	ppm
P-17 22+50W	nd	177	.1
P-17 22+75W	nd	145	.1
P-17 23+00W	nd	161	.1

DETECTION LIMIT 2 1 0.1
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED
1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: _____

REPORT #: 900710 PA | MR. BILL DAY | PROJECT: NONE GIVEN | DATE IN: OCT 26 1990 | DATE OUT: NOV 15 1990 | ATTENTION: MR. BILL DAY | PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C-1-1	0.3	1.71	<3	75	<3	0.18	1.7	15	55	47	2.18	0.05	0.37	508	5	0.08	43	<0.01	24	<2	<2	13	<5	<3	91
C-1-2	0.4	1.62	<3	69	<3	0.16	1.3	14	78	39	1.94	0.04	0.35	491	6	0.08	53	<0.01	8	<2	<2	12	<5	<3	75
C-2-1	0.3	1.76	<3	64	<3	0.18	1.4	16	81	64	2.01	0.06	0.37	514	5	0.09	57	<0.01	8	<2	<2	10	<5	<3	68
C-2-2	0.1	2.25	<3	77	<3	0.23	1.1	18	92	84	2.35	0.08	0.43	539	4	0.12	63	<0.01	6	<2	<2	13	<5	<3	77
C-3-1	<0.1	2.21	<3	85	<3	0.31	1.0	17	95	64	2.84	0.09	0.50	484	5	0.10	60	<0.01	11	<2	<2	15	<5	<3	96
C-3-2	<0.1	2.11	<3	83	<3	0.23	1.2	16	89	53	2.51	0.08	0.48	423	4	0.09	53	<0.01	7	<2	<2	13	<5	<3	86
C-4-1	<0.1	2.21	<3	96	<3	0.39	1.4	16	107	60	2.77	0.11	0.57	510	6	0.12	63	<0.01	16	<2	<2	22	<5	<3	84
C-4-2	<0.1	2.02	<3	82	<3	0.41	1.1	17	121	56	2.65	0.11	0.56	489	7	0.14	71	0.03	13	<2	<2	19	<5	<3	68
C-5-1	<0.1	1.63	<3	77	<3	0.19	1.5	14	115	41	1.99	0.07	0.38	325	6	0.09	67	<0.01	14	<2	<2	14	<5	<3	71
C-5-2	<0.1	1.59	<3	72	<3	0.21	1.4	18	131	43	2.42	0.08	0.48	463	7	0.08	76	<0.01	20	<2	<2	12	<5	<3	67
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

STATEMENT OF COSTS
PINE 1 PROPERTY
NELSON MINING DIVISION

Personnel - 28 days	$5,600.00
Vehicle Rental	$1,100.00
Camp Rental	$ 700.00
Motels	$ 120.00
Gas	$ 200.00
Assaying	$1,990.00
Minimum Total Costs	$9,710.00