

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 90.12.19

ASSESSMENT REPORT 19823

MINING DIVISION: Osoyoos

PROPERTY: LP  
LOCATION: LAT 49 00 20 LONG 119 35 00  
UTM 11 5431070 311072  
NTS 082E04E

CAMP: 009 Similkameen - Boundary Area

CLAIM(S): LP 2-3  
OPERATOR(S): Parsons, T.M.  
AUTHOR(S): Parsons, T.M.  
REPORT YEAR: 1990, 16 Pages  
COMMODITIES  
SEARCHED FOR: Silver, Gold  
KEYWORDS: Mesozoic, Syenites, Quartz veins, Galena, Silver, Pyrite  
WORK  
DONE: Prospecting  
PROS 400.0 ha  
MINFILE: 082E

FILMED

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**19,823**

LOG NO: 0397	RD.
ACTION:	
FILE NO:	

PROSPECTING REPORT

on the

LP GROUP

LONE PINE CREEK

OSOYOOS, B.C.

CLAIMS

LP 2 (Record no. 3078)

LP # 3 (Record no. 3188)

LOCATION

**Osoyoos** Mining Division

NTS - 82E/4E

Latitude - 49° 00' 20"

Longitude - 119° 36' 00"

OWNER/OPERATOR

Todd M. Parsons

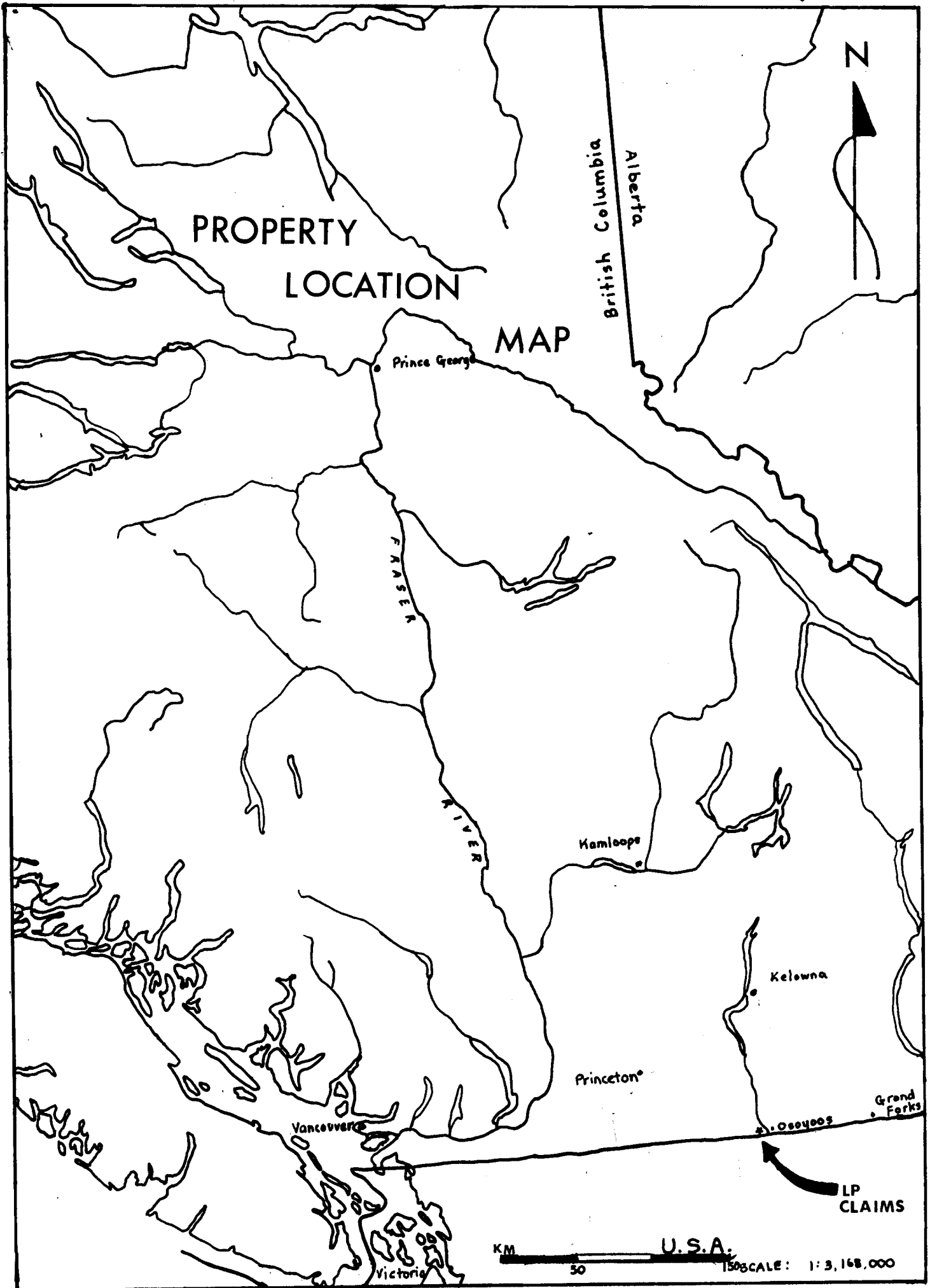
Prepared by

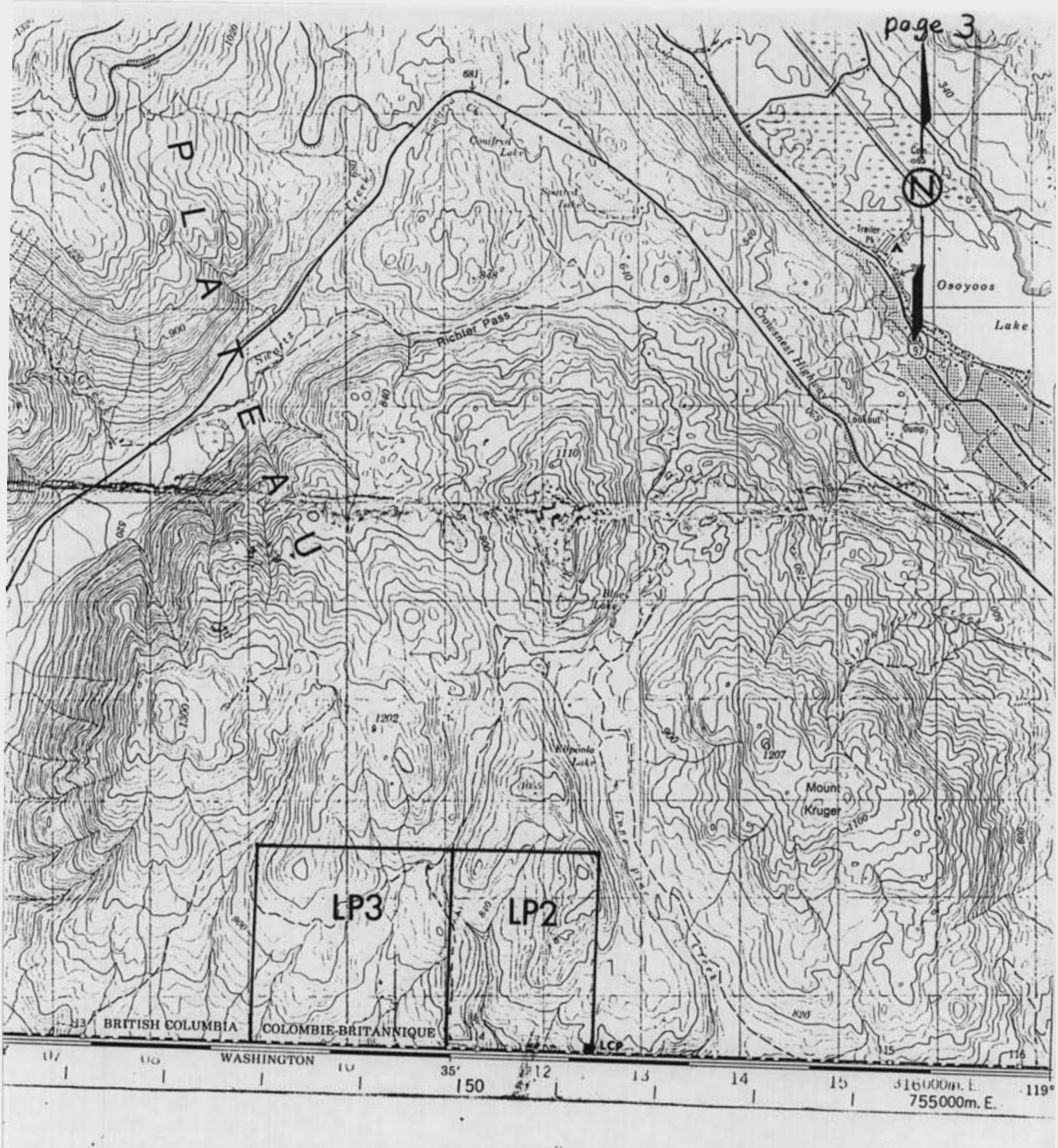
Todd M. Parsons

March 16, 1990

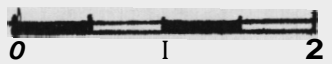
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# INDEX MAP



KILOMETERS

82E\4E

## I. Introduction

Between September and December 1989, fourteen days were spent prospecting and sampling the LP 2 and LP # 3 mineral claims. A trench was also put in on the LP # 3 claim. This report summarizes the results of this project.

### Location and Access

The LP 2 and LP # 3 mineral claims are located approximately nine kilometres west of Osoyoos, B.C. in the Osoyoos Mining Division, (NTS 82E/4E).

Access to the property is via a well maintained road to Kilpoola Lake that leaves Highway 3, five kilometres north west of Osoyoos, B.C. The claims are approximately 9.5 kilometres south west on the road to Kilpoola Lake.

### Topography and Vegetation

The property is situated on flat, rolling desert country that is extensively covered by sage brush with the nearest drainage being Kilpoola Lake.

### History

Development directly on the property is not well recorded but trenches can be found in many places on the LP # 3 mineral claim and one adit also. An adit also exists approximately three metres south of the LP 2 mineral claim. These workings are on pyrite and

galena rich horizontal quartz veins. Above the Submarine mine is the White Knight Reverted Crown Grant.

### Claims

The property consists of two adjoining claims that are located under the 4 - post system of staking. All claims are currently owned by Todd M. Parsons.

<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Mining Division</u>	<u>Expirary Date</u>
LP 2	3078	16	osoyoos	Dec. 19, 91
LP # 3	3188	16	osoyoos	July 22, 92

### Geology

The geology of the area is generalized in GSC. map 1736A, Geology of Penticton, 1:250 000 by Dirk Tempelman-Kluit.

The claims are entirely underlain by the Mesozoic Kruger Syenites. All mineralization was found in horizontal quartz veins that are found throughout the Kruger Syenite in this area. The gold and silver values appear to be associated with the galena and not the pyrite.

### Summary

Prospecting traverses were carried out for fourteen days. Known faults and areas assumed to be faulted were prospected as well as areas around all major trenches and adits discovered. The LP # 3 claim received most of this exploration with the LP 2 claim receiving exploration only around the adit that was discovered three metres to the south of this mineral

claim. Sampling returned values as high as 0.15 oz. gold per ton and 9.33 oz. silver per ton. The total area prospected is about three kilometres squared. A trench was put in on the LP 2 claim about one kilometre north of the adit that was found three metres south of this claim.

The horizontal quartz veins appear to be very extensive across the property. The assay and analysis results show significant gold and silver value in certain locations on these quartz veins.





SAMPLE

LOCATION

MAP

LP#3

LP2

AREA PROSPECTED

AREA PROSPECTED

AREA PROSPECTED

AREA PROSPECTED

AREA PROSPECTED

AREA PROSPECTED

\* LP3 Adit 2

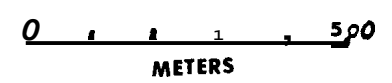
\* LP 001  
TRENCH THAT WAS PUT  
IN DURING PROJECT.

LP3 TRENCH  
CANADA

QUARTZ FLOAT X LP 80912  
\* QUARTZ OUTCROP  
(Galena, Pyrite)

\* Barren Quartz  
\* Pyrite Rich Quartz  
\* Galena Rich Quartz  
\* LP 003, LP 004, LP 005 (all samples from adit dump)  
\* LP 002

U.S.A.



SCALE 1:12000

- == ROAD
- || ADIT
- || TRENCH
- \* SAMPLE LOCATION

## 11. Details

### Prospecting

While prospecting, two adits were discovered and five trenches. The locations of these are shown on map number three. Also a horizontal quartz vein was found to outcrop in a steep valley on the south portion of the LP # 3 mineral claim. This outcrop location is shown on map number three. The quartz in this outcrop contains approximately five percent galena. Sample number LP89012 was from this outcrop, which happens to be very oxidized. The vein appears to be approximately twelve inches deep and due to the fracturing of the rock a dip reading was not possible. About thirty meters north of this outcrop extensive quartz float was found which is believed to be from a vein just below the surface. These veins may be a continuation of the vein that the adit to the east is on. The general locations of the other samples are shown on map number three.

### Trenching

The trench on the LP 2 claim was placed on a outcrop of a oxidized quartz vein that appeared to be vertical. Due to the inconsistency of the vein, the strike was not taken and the dip appeared to be near vertical. At depth the vein became smaller in width and length but it still continued.

Conclusion

Due to the extensiveness of the vein system and similarities to the vein system of the Submarine Mine to the east, I feel further exploration is needed in the way of trenching or shallow diamond drill holes. I feel this is appropriate due to the horizontal nature of the veins. There is significant assay results but the mineralization does not appear to be continuous through the veins.

Respectfully submitted by

A handwritten signature in cursive script that reads "Todd M. Parsons".

Todd M. Parsons

March 16, 1990  
Keremeos, B.C.

COST STATEMENT

LONE PINE PROJECT

Performed September to December 1989

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Wages and Fees:

Todd M. Parsons  
14 days @ \$165.00/day  
September 9, 10, 16, 24, 30  
October 14, 15, 21  
November 17, 18, 19  
December 2, 13, 19

\$ 2310.00

Transportation:

Fuel costs - 14 days from  
Keremeos to Lone Pine Property

175.00

Analysis and Assays:

Analysis for Au, Ag, Cu, Pb, Zn  
\$ 15.00 x 6 = 90.00  
Assays for Au, Ag \$ 15.00 x 3 = 45.00

Report Preparation:

Drafting, Secretarial and  
Photocopying

100.00

Trenching:

6.31m. x 7.30m. x 1.17m = 53.9m<sup>3</sup>  
53.9m<sup>3</sup> at \$ 70.00 per cubic metre = 3773.00  
November 25, 27

3773.00  
\$ 6493.00

STATEMENT OF QUALIFICATIONS

I, Todd M. Parsons completed the B.C. Ministry of Energy, Mines, and Petroleum Resources Advanced Prospecting Course in 1988. In 1989 and 1990 I also completed my first two years towards a degree in geology at Douglas College in New Westminister.

Respectfully submitted by

A handwritten signature in cursive script that reads "Todd M. Parsons".

Todd M. Parsons

March 16, 1990  
Keremeos, B.C.



**Province of British Columbia**  
Ministry of Energy, Mines and Petroleum Resources

THIS IS TO CERTIFY THAT

Jedd M. Parsons

HAS SUCCESSFULLY COMPLETED

Advanced Prospecting Course

AND IS HEREBY GRANTED

THIS CERTIFICATE OF ACHIEVEMENT

[Signature]  
DIRECTOR OF  
PROSPECTORS' ASSISTANCE

[Signature]  
COURSE INSTRUCTOR

1 May 1988  
DATE

**ANNUAL WORK APPROVAL NUMBER**

**SAVE THIS SLIP.** You may need this slip or number when you record a **Statement of Exploration and Development** with the Mineral Titles Branch to maintain your title. Without this number or other proof of Work Program Approval, the work carried out to maintain title may not be accepted.

**KAM** 39 - 0400205-369



**MINNOVA INC.**  
**LABORATORIES**

SPECIALISTS IN MINERAL ENVIRONMENTS  
 CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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**TIMMINS OFFICE:**  
 33 EAST IROQUOIS ROAD  
 P O BOX 867  
 TIMMINS, ONTARIO CANADA P4N 7G7  
 TELEPHONE (705)264-9996

Geochemical Analysis Certificate 9V-1178-RG1

Company: MINNOVA INC.  
 Project: 658  
 Attn: I. PIRIE/N. GIBSON

Date: SEP-27-89  
 Copy 1. MINNOVA INC., VANCOUVER, B.C.  
 2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 21 ROCK samples submitted SEP-21-89 by K.LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
LP001	60	10	13	2.0	37
LP002	50	34500	52	32.5	696
LP003	173	4800	345	33.5	389
LP004	45	1300	24	4.9	43
LP005	460	36000	20	58.5	5100

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: SEP 21 1989  
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
 PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED: *Sept. 29/89*

**ASSAY CERTIFICATE**

• SAMPLE TYPE: ROCK  
 AU\*\* AND AG\*\* BY FIRE ASSAY FROM 1/2 A.T.

SIGNED BY. *C. Long* D. TOY8, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYBRS

TODD PARSONS FILE # 89-3818

SAMPLE#	Ag**	Au**
	OZ/T	OZ/T
LP3 ADIT	9.33	.073





SPECIALISTS IN MINERAL ENVIRONMENTS  
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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTAR O CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

**RECEIVED**  
NOV. 10 1989

Assay Certificate 9V-1473-RA1

Company: MINNOVA INC.  
Project: 624  
Attn: I. PIRIE/N. GIBSON

Date: NOV-07-89  
Copy 1. MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Assay of 11 ROCK samples submitted NOV-04-89 by N. GIBSON.

Sample Number	CU %	FB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
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LP89012	.011	1.01	.01	33.7	.98	.01	.001
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ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: OCT 12 1989  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: *Oct 13/89*

**ASSAY CERTIFICATE**

- SAMPLE TYPE: ROCK  
AU\*\* AND AG\*\* BY FIRE ASSAY FROM 1/2 A.T.

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

TODD PARSONS FILE # 89-4257

SAMPLE#	Ag** OZ/T	Au** OZ/T
LP3 ADIT 2	.0a	.024
LP3 TRENCH	.64	.006