

84-1412-13660
11/85

A S S E S S M E N T R E P O R T

LARRY 1627 and BRIAN 1725 CLAIMS

Vernon Mining Division

N.T.S. 825/7W

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

Lat. 50 23' N
Long. 118 56' W

13,660

Owner Larry Claims - D.R. SIMMONS
 Brian Claims - Brian SIMMONS

Operator PIONEER METALS CORPORATION

Vancouver, B.C.
FEBRUARY 12, 1985

Author - S.L. BLUSSON

SUB-RECORDER	
RECEIVED	
FEB 14 1985	
M.R. #	\$.....
VANCOUVER, B.C.	

TABLE OF CONTENTS

	PAGE
INTRODUCTION	
Location and access	1
Property	1
Topography & Climate	1
Work previously completed	2
 PRESENT INVESTIGATION	
Drill Logs	3
Geochemical Analysis	4
 APPENDICES	
A. Statement of Expenditures	
B. Statement of Qualifications	
C. Invoice - Drilling expenditures	
 MAPS	
Location map	Figure 1
Claim map	Figure 2

INTRODUCTION

LOCATION & ACCESS

The Larry and Brian group of claims are situated 15 km. N of Lumby, B.C., adjacent to Putnam Creek and the Trinity Valley Road. Trinity Valley Road is a well travelled high quality gravel road, providing easy access to all types of equipment, year round. A major power line, transects the west side of the property.

PROPERTY

The claim group comprises 10 units in total, consisting of the Larry claims 6 units, and the Brian claims 4 units.

TOPOGRAPHY & CLIMATE

The claims group, covers the east slope of a small hill south of Putnam Creek and crosses the lower reaches of Putnam Creek Valley. Elevations range from 750 m. on the east to the top of the small hill at elevation 1067 m. Sporadic bedrock outcrops are present on the slope west of Trinity Valley road, particularly on skidder trails and small cliffs, whereas East of te Road and on the lower reaches of Putnam Creek glacio-fluvial deposits form a thick continuous mantle.

Due to a lack of extreme temperatures and generally low precipitation, exploration can be carried out essentially year round.

WORK PREVIOUSLY COMPLETED

Attention was drawn to the area by rusty weathering exposures of graphitic and pyritic phyllites and schists on the west side of Trinity Valley road. Several selected grab samples of the more gossanaus material returned interesting gold values up to 0.1 oz. per ton.

The area was mapped and further sampled with the aide of a D8 cat, and owing to the ready access and availability of a mobile Drill rig it was quickly decided to drill one hold for both geology and metal content - perpendicular through the entire section of most favourable looking pyritic black phyllite.

GEOCHEMICAL ANALYSIS

All sample preparation, acid digestion and analysis was carried out by S.L. Blusson, Ph.D. (geology and geochemistry) on the latest model scintrex, AAZ - 2 atomic absorption spectrophotometer, using standards supplied by Acme geochemical laboratory, Vancouver, B.C.

RESULTS

Over 30 - 10 gram samples of the more pyritic sections of drill core were geochemically analysed for gold, all within the interval 7' - 63'. This was intended to outline anomalous sections of core that would then be fire assayed in larger samples. Results ranged background (.002 oz/ton) to well under 0.1 oz/ton consequently no fire assays were done.

Conclusions

Trenching and diamond drilling on the Brian and Larry claims has shown the nature of mineralization causing a gossanous zone first exposed in cuts along the Trinity Valley road. The tuffaceous and graphetic sediments here are favourable host rocks for Sedex type sulfide mineralization and although the results to date do not indicate economic metal values, the layered pyrite mineralization is highly anomalous in gold and could be very extensive. It is recommended that geochemical sampling be carried out along the established strike of the mineralization, including overburden drilling in the covered areas east of the Trinity Valley road.

APPENDIX A

STATEMENT OF EXPENDITURES

Diamond Drilling

Mobilization - Kelowna to Drill site and
return.

3 hrs. at \$100.00/hr \$ 300.00

Casing/Coring - NQ wireline.

182' at \$17.00/ft. \$3,094.00

Core Boxes

9 boxes at \$8.00 \$ 72.00

TOTAL.....\$3,466.00

APPENDIX B

STATEMENT OF QUALIFICATIONS

Dr. S.L. Blusson is a graduate of the University of B.C. (B.Sc. Geology) and of the University of California Berkely (Ph.D. Geology and Geochemistry). Between 1965 and 1981 Dr. Blusson worked as a research geologist for the Geological Survey of Canada and is presently chairman and head of exploration for Pioneer Metals Corporation.

NORTHSPAN

EXPLORATIONS LTD.
Box 2027, Station R,
Kelowna, B.C., Canada V1X 4K5
Phone (604) 765-0692

Invoice Date: June 12, 1984

Job Date: June 06-08, 1984

Location: Lumby area: Trinity Group

Clients Job No.:

Client: Pioneer Metals Corp.
P.O. Box 11175
1055 W. Georgia, 21st Floor
Vancouver, B.C. V6E 3P1

669-3383

Mobilization:

1 ½ hours at \$100.00/hour \$150.00

Casing/Coring:

As per attached: 182' @ \$17.00/ft. \$3,094.00

Demobilization:

1 ½ hours at \$100.00/hour \$150.00

Sub-total \$3,394.00

Core Boxes:

As per attached: 9 boxes at \$8.00 \$72.00

INVOICE TOTAL \$3,466.00

Less: Cheque # 1037, June 06, 1984,
received for down payment (2,000.00)

TOTAL OWING \$1,466.00

Account No.:

Ref. No.:

Job No.:

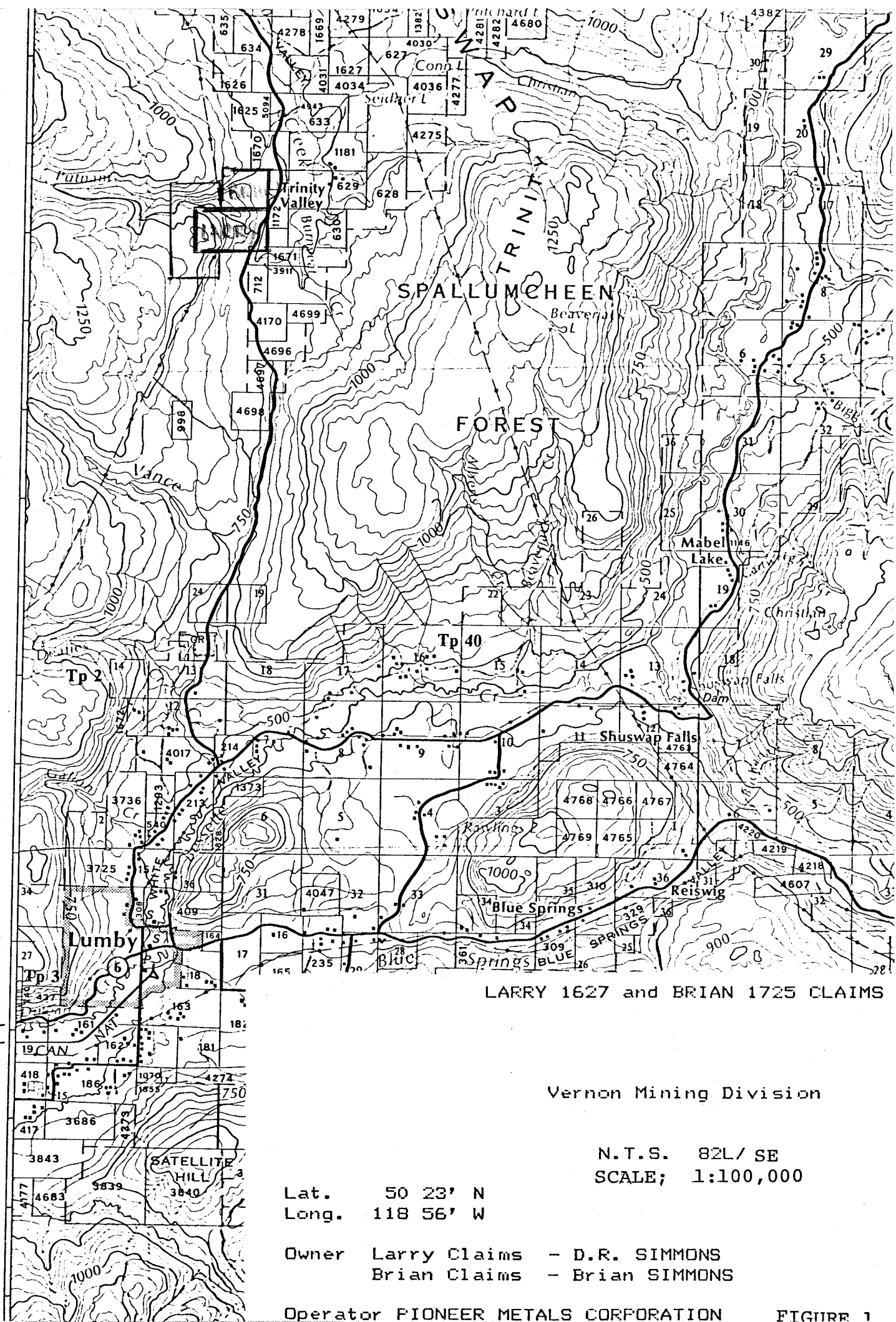
Thank you.

PAID JUL 12 1984

TERMS: Net 30 days following date of invoice. Payable
2% interest charges per month on all overdue accounts.

PLEASE PAY FROM THIS INVOICE

To Vernon - 21 km



LARRY 1627 and BRIAN 1725 CLAIMS

Vernon Mining Division

N.T.S. 82L/ SE
SCALE; 1:100,000

Lat. 50 23' N
Long. 118 56' W

Owner Larry Claims - D.R. SIMMONS
Brian Claims - Brian SIMMONS

Operator PIONEER METALS CORPORATION FIGURE 1

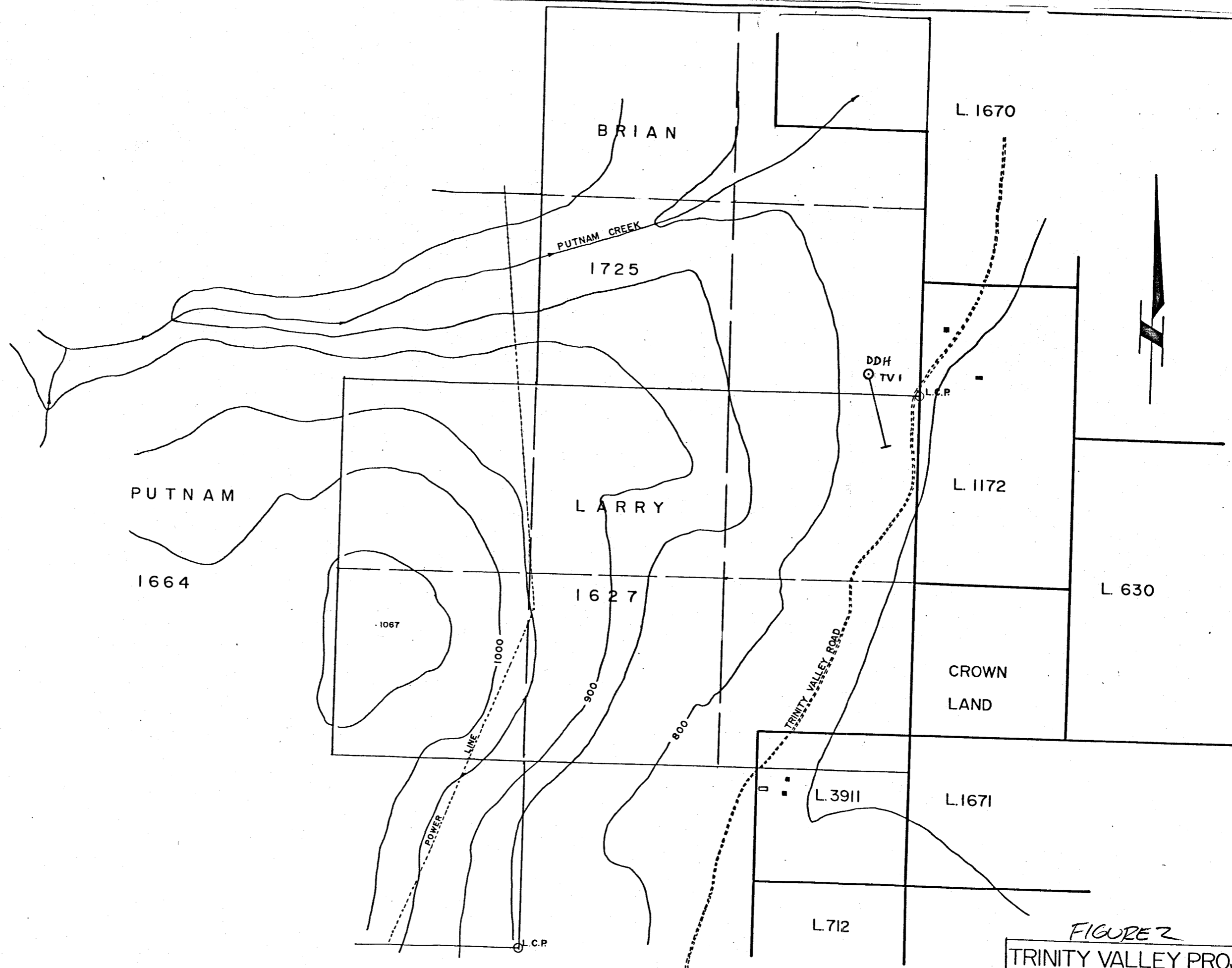


FIGURE 2

TRINITY VALLEY PROJECT		
SCALE: 1:5000	DRAWN BY: SGE	
DATE: 1984.04.11		
PIONEER METALS CORPORATION		
CLAIM GROUP		