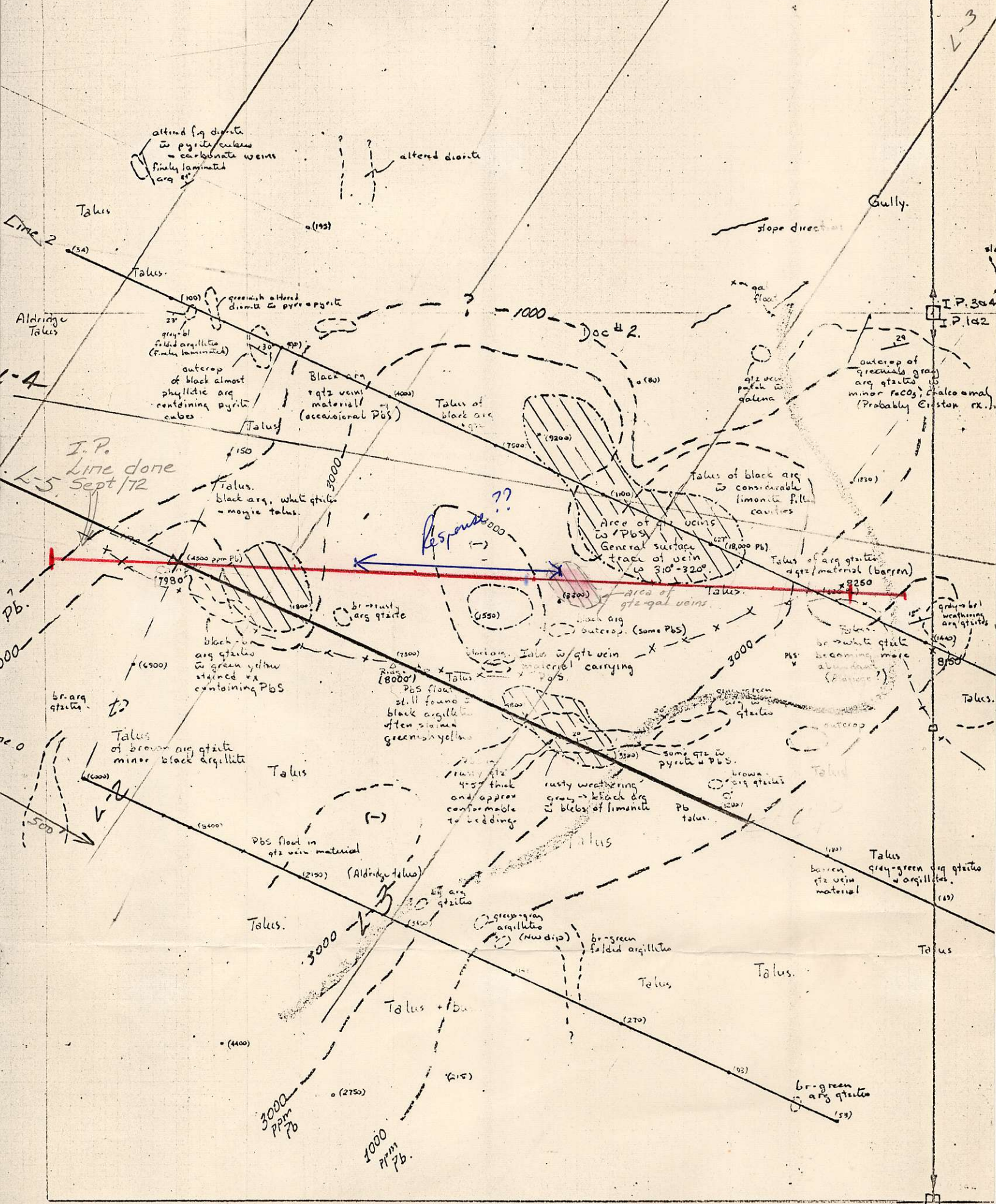


Proposed I.P. Lines (L1-5)
Sept. 27/72

Doc #4

N35°E

M
222
MIN
220



FIELD REPORT
FOR
INDUCED POLARIZATION SURVEY
DOC CLAIMS
GOLDEN MINING DIVISION
CRANBROOK B.C.
FOR
KERR ADDISON MINES LTD.

TABLE OF CONTENTS

INTRODUCTION	1
PERSONNEL	1
MOBILIZATION	1
WEATHER	1
TOPOGRAPHY	2
SURVEY PROCEDURE	2
SUMMARY	2

INTRODUCTION

The following report covers I.P. test line # 1 survey on Doc Claims 1 and 2.

PERSONNEL

- A.T. LaRose - Instrument operator, Supervisor
2352 West Broadway
Vancouver 9, B.C.
- D. Moraal - Helper
Vancouver, B.C.
- W. Greunwald - Kerr Addison representative and helper
Vancouver, B.C.

MOBILIZATION

The survey was conducted between September 29 and October 1, 1972. To reach the property, we travelled 40.0 air miles north west from Cranbrook by Okanagan Helicopters Jet Ranger.

WEATHER

The weather was fine during our stay, with temperatures varying from +25 degrees to + 40 degrees, winds up to 20 miles an hour and light snows. Two to four feet of snow covered the ground.

TOPOGRAPHY

The camp was located at elevation of 8000' above tree line. The crest of the hill is gently rolling, with not much more than 150' of elevation rise east and west of camp. North and south of the crest it is much steeper. Very little soil is to be found, the ridge is mostly talus chips.

SURVEY PROCEDURE

The Kerr portable (Time Domain) I.P. unit was used for this survey, using the wenner array $a = 400'$. A line running 200 ft west and 1100 ft. east of camp was established, with readings taken at 200 foot spacing along the line. The unit was powered with a 12V battery, using 1350V range on the instrument for the complete line.

SUMMARY

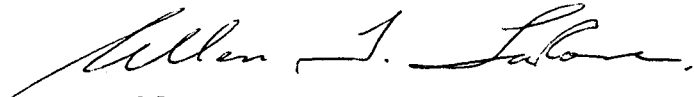
Problems arising that interfered with the performance of the survey are as follows: High electrode resistance (125,000 ohms +), lack of water, high porous pot resistance and deep snow 2 to 4 feet. Due to high stake

resistance, we were only able to get .03 amps in the ground, which is not sufficient.

The original survey plans called for two lines of 3000' each, the above problems and time element makes it easy to see why this was not accomplished.

Respectfully submitted,

TRANS-ARCTIC EXPLORATIONS LTD.

A handwritten signature in cursive script, appearing to read "Allen T. LaRose".

Allen T. LaRose