

surveying are presented in profile form. The profile scales are one inch to 200 feet, one inch to 5 milliseconds and 2 inches per logarithmic cycle for distance, chargeability and resistivity respectively.

Property and Location

This property of San Jacinto Explorations Limited is in the Greenwood Mining Division of British Columbia, and is located approximately two miles northwest of Greenwood (49°, 118°, S. W.).

The property is at an elevation of some 3000 feet and is accessible by road from Greenwood.

The following mineral leases and claims, representing the property were surveyed:

Little Ruth	L881S
Tintic	L1461
Red Metal Fr.	L1568S
Toronto	L1013
Butte City	L1230
Pluto	L2393
Ah There	L1960
Hound	Nos. 1 to 3 incl.
Hound Fr.	No. 1 and 2
Frantic Fr.	
Ragna Rock Fr.	
Jim Mckea Fr.	Nos. 1 and 2
Hardscrabble Fr.	

Purpose

The purpose of the survey was to try and locate by the Induced Polarization method, the presence of any mineralized deposits on the property.

CERTIFICATE

I, HENRY HERBERT SHEAR, of P. O. Box 216, Penticton, British Columbia, Professional Engineer, DO HEREBY CERTIFY as follows:

1. That as President of SAN JACINTO EXPLORATIONS LIMITED (N.P.L.) ('the Company'), I was responsible for the exploration program carried out by the Company on its Deadwood Group during the months of November and December, 1966.
2. That the Company during the months of November and December, 1966, as hereinafter set out, retained its own crew at a total cost to the Company of \$2,435.00 to carry out linecutting on the Deadwood Group (see Notice to Group accepted for filing January 19, 1967 by the Sub-Mining Recorder in Vancouver, British Columbia) in preparation for a geophysical survey to be carried out on the Deadwood Group by Huntec Limited and to assist the crew employed by Huntec Limited in carrying out such survey;
3. That the respective periods for which the members of the crew employed by the Company were engaged as aforesaid and the wages paid to them for such work are as follows:

<u>Name</u>	<u>Nature of Work</u>	<u>Period of Employment</u>	<u>Monthly or Daily Rate</u>	<u>Cost to Deadwood Group</u>
David Grey	Linecutting	Nov.1-30/66	\$500.00 mo.	\$500.00
"	Asst.I.P.Crew	Dec.1-14/66	"	225.00
Ian McAllan	Linecutting	Nov.1-26/66	\$550.00 mo.	550.00
"	Asst.I.P.Crew	Nov.28-30/66	"	
Joseph Horovatin	Linecutting	Nov.3-5/66	\$20.00 day	60.00
"	Asst.I.P.Crew	Nov.28-Dec.14	"	300.00
Robin Foreshaw	Asst.I.P.Crew	Nov.28-Dec.14	"	300.00
Frank Horovatin	Linecutting	Nov.3-22/66	"	240.00
Ed Hendry	"	Nov.7-24/66	"	<u>260.00</u>
			Total -	\$2,435.00

4. That the Company caused Huntec Limited to carry out a geophysical survey of the Deadwood Group during the period from November 27 to December 14, 1966, at a cost to the

INTERPRETATION PROCEDURES

Induced Polarization interpretation procedures have been most completely developed in situations of horizontal layering and for bodies of large lateral extent such as porphyry coppers. The complex problem of resolving the combined effects of depth, width, dip and true chargeability of steeply dipping bodies, together with the physical characteristics of overburden and country rocks, have not been completely solved theoretically. The interpreter must, therefore, use empirical solutions plus experience gained from surveys over known bodies in other areas in addition to existing type curves.

The interpretation submitted in this report indicates three anomalous zones plus other small anomalies which could correspond partly to disseminated sulphide mineralization. The actual bodies, if existent, are probably narrower than the indicated zones as shown on the accompany maps. Estimates of depth to the top of mineralization have been made by virtue of the three-electrode data. Drill holes have been spotted based on these depths and positions of the probable causative body.

Estimates of the average percentage sulphide present by volume have been made. These do not take into account the possibility of some response being caused by magnetite which probably occurs on the properties. They are, however, minimum estimates as they are based on the values of observed chargeabilities and not on the true chargeabilities