Geochemical Report

- on the -

Hook Claim

Cariboo Mining Division, British Columbia

- for -

Laramide Resources Ltd.,

904 - 675 West Hastings St.,

Vancouver, B. C. V6B 1N2

Covering:

Hook Claim (20 Units)

Work Performed: June 1, 1981 to January 31, 1982

Location:

(1). 52°31'N, 121°18'W

(2). N.T.S. Map 93A/6W

(3). 12 km. NNE of Horsefly, B. C.

Prepared by;

Kerr, Dawson and Associates Ltd.,

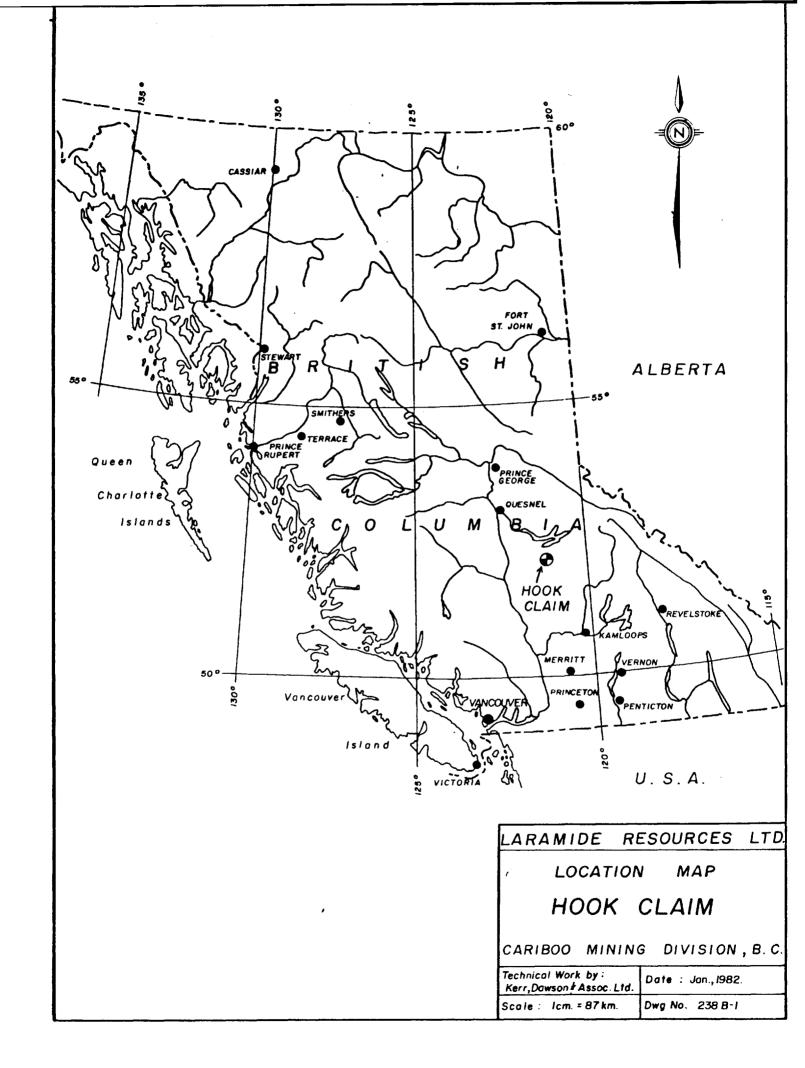
206 - 310 Nicola Street,

Kamloops, B. C. V2C 2P5

J. M. Dawson, P. Eng. January 31, 1982

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Introduction:

This report describes a preliminary exploration programme carried out on the Hook claim, Cariboo Mining Division, British Columbia.

The property was acquired as a result of literature research by Laramide Resources in 1981.

A geochemical survey was performed on the claim during the 1981 field season. The results were interpreted and are detailed on maps accompanying this report.

Summary and Conclusions:

- (1). The Hook property consists of one 20 unit metric claim located in moderate to gentle terrain in the Quesnel Lake area of central British Columbia. Access is by road from Horsefly or Williams Lake.
- (2). The property was first staked in 1973 to cover an alkaline porphyry copper occurrence. Hudsons Bay Oil and Gas carried out geological, geochemical and geophysical surveys in 1973 and 1974. Limited road building and percussion drilling was done in 1974. The property was restaked by Laramide Resources in 1981 and a programme of reconnaissance soil geochemistry was carried out.
- (3). The property is underlain by intermediate alkaline volcanic rocks intruded by one or more coeval alkaline stocks. Some areas of disseminated pyrite and chalcopyrite occur in the intrusive rocks.
- (4). Geochemical soil sampling has outlined a significant copper anomaly, however gold values are extremely low.
- (5). Mineral occurrence of the alkaline porphyry type sometimes have significant gold values associated with the copper. However this does not appear to be the case on this property. Therefore since it is not likely that the copper mineralization alone will be significant, no further work is justified.

Property:

 $\label{eq:theorem} \mbox{The property consists of one 20 unit metric claim as } \mbox{follows:}$

Claim Name	Record No.	Tag No.	Expiry Date				
Hook #1	3262	68228	March 27, 1982				

The registered owner of this claim is Laramide Resources Ltd.

Location and Access:

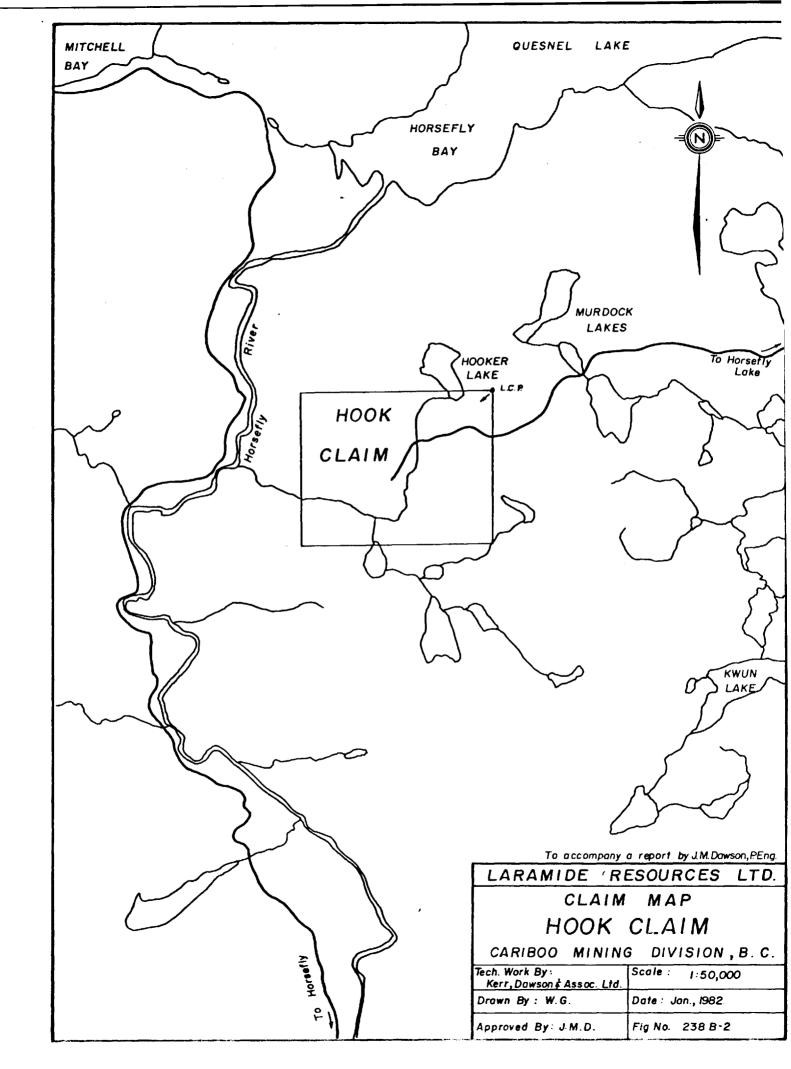
The property is located in the Quesnel Lake district of south central British Columbia about 12 km. NNE of the village of Horsefly.

Access is by road from Horsefly, a distance of about 20 km.

Physiography and Vegetation:

The claim covers an area of moderate, rolling topography along a tributary of the Horsefly River. Relief is in the order of 500 feet, varying from about 3100 feet a.s.l. along the north and east boundaries down to about 2600 feet in the valley of Hooker Creek on the west boundary of the property.

The claim is heavily treed with a dense second growth of spruce and fir.



History:

The property was first staked by Hudson's Bay Oil and Gas in 1973 as a result of their regional prospecting programme in the Quesnel Trough. Reconnaissance geochemical and magnetic and induced polarization surveys were carried out in that year.

In 1974, detailed geological, geochemical and geophysical surveys were performed by Hudson's Bay Oil and Gas and about 1 km. of road was constructed. 900 feet of percussion drilling was carried out in 3 holes.

In 1981 the property was acquired by staking by Laramide Resources Ltd. just prior to the provincial government geochemical release for quadrangle 93A.

A reconnaissance soil geochemical survey was performed in June, 1981.

Geology and Mineralization:

The property is underlain by alkalic volcanic rocks of the Nicola Group intruded by one or more coeval, syenomonzonite to syenodiorite stocks.

Some areas of disseminated pyrite and chalcopyrite are found locally within the intrusive rocks.

Geochemistry:

A total of 234 soil samples were collected at 50 meter intervals along east — west lines spaced 500 meters apart (see figure 238D-3 and 238D-4). In general gold values are very low — the most significant area outlined is a small cluster of weakly anomalous values located in the northeast corner of the property.

Copper values show a significant north-northwesterly-trending anomaly which corresponds to a topographic 'high' in the west and northwest parts of the property.

Exploration Potential:

This claim was staked to cover a known, alkaline porphyry, copper occurrence. Since such showings commonly contain significant associated gold values (eg. Cariboo Bell, Afton) it was thought that this situation might apply on this property.

While there is a significant copper anomaly, gold values are extremely low and do not justify further work.



respectfully submitted;

KERR, DAWSON AND ASSOCIATES LTD.,

J. M. Dawson, P. Eng.

Geologist.

