

PROSPECTING ASSESSMENT REPORT
ON THE
LAUREL #1 MINERAL CLAIM
IN THE
SLOCAN MINING DIVISION
NTS LOCATION 82F/15E
Latitude 117°10' Longitude 49°55'

REPORT BY:
PEARSON GALLAGHER LTD.
JUNE 1981

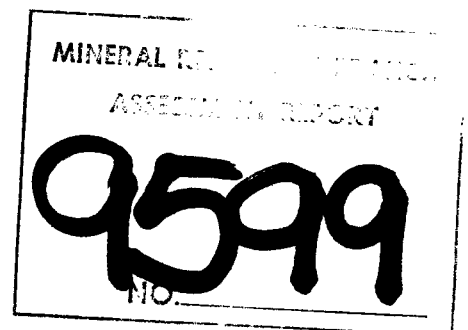


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LOCATION & ACCESS

The Laurel #1 mineral claim is located on Powder Creek, 18 air kms north-east of the village of Riondel, B.C. in the Slokan Mining Division.

Access to the claim is by 4-wheel drive road from Riondel north to Powder Creek and east following Powder Creek. For this report, a helicopter was also used to reach the upper showing on the claim.

GENERAL SETTING

The Laurel #1 claim is situated in the Purcell Mountain Range. The elevation of the claim is from 5,000 to 7,500 feet. The terrain is steep with much outcrop. The vegetation consists of alpine forest cover at higher elevations, and thick underbrush in the valleys.

The rock formation is the Fry Creek batholith, consisting mainly of quartz monzonite. Along the southern boundary of the claim, there is a skarn zone.

PROPERTY INFORMATION

Claim Name: Laurel #1 Record #991 Month of Expiry: June
The Laurel #1 was staked by Eric Gerhardi in June of 1980. In July and August of 1980, the author prospected the claim.

White Horse

YUKON

NORTHWEST TERRITORIES

ALBERTA

BRITISH COLUMBIA

Prince Rupert

Prince George

Edmonton

Calgary

PROPERTY →

Nelson

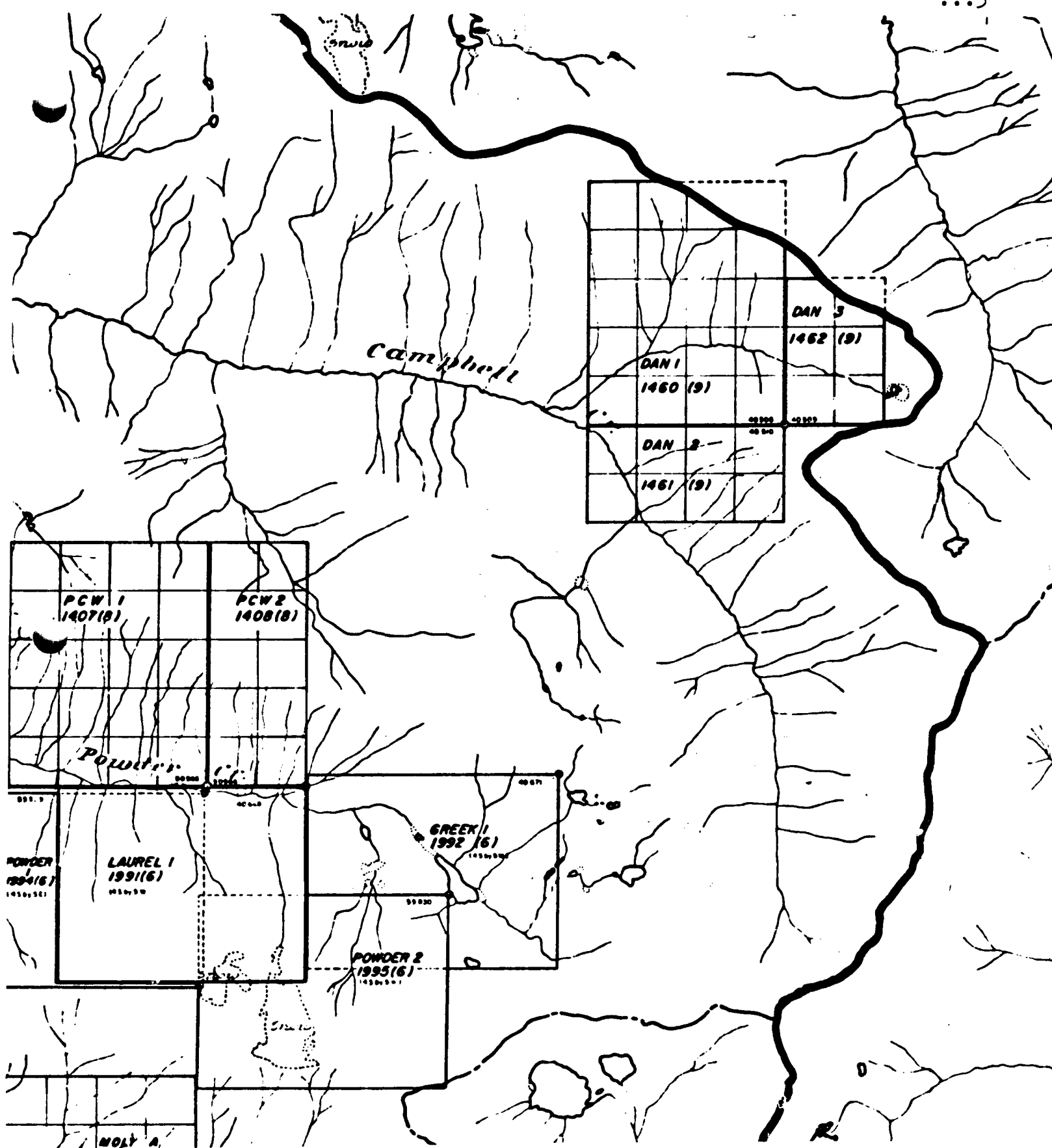
Trail

Creston

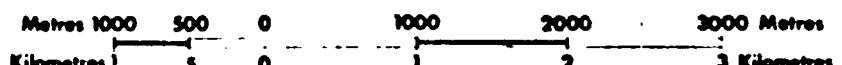
Vancouver

UNITED STATES

PEARSON GALLAGHER LTD
 LAUREL # 1 CLAIM
 SLOCAN MINING DIVISION
 BC



M82F/15E



PROCEDURES

In July of 1980, the author accompanied by a project geologist and another prospector, visited the lower portions of the property, traversing the talus slopes in the valley up to the steep vertical cliffs to the south. The rock types were identified as part of a multi-phase intrusive of granodioritic to quartz monzonitic composition. Minor pyrite mineralization was observed disseminated in the various intrusive rocks.

In August of 1980, the higher elevations were visited by helicopter with a consulting geologist. Molybdenum in the form of molybdenite was found in rosettes associated with pegmatitic phases and as fine disseminations in more massive equigranular granodioritic phases of the intrusion.

INTERPRETATIONS & RECOMMENDATIONS

Because the claims were originally staked on the basis of high MoS_2 stream sediment values and subsequent discovery of showings, we recommend the following:

- 1) detailed soil geochemistry. Each waterway on the property should be sampled - water and silts.
- 2) detailed geological mapping and sampling of the claim at a scale of not less than 1:5,000.
- 3) a geophysical program to isolate intrusion boundaries and particular phases which may carry molybdenite.
- 4) diamond drilling of suitable targets.
- 5) road building from Powder Creek into the main area of showings.

ITEMIZED COST STATEMENT

2 Prospectors @ \$200. per day	\$ 400.00
Helicopter expenses	840.00
1 Geologist @ \$300.00 per day	300.00
2 Prospectors @ \$200.00 per day	400.00
Vehicle rental @ \$50.00 per day	50.00
June 12/81 Office work - 1 day @ \$50.00 per day	50.00
TOTAL	<u><u>\$2,040.00</u></u>

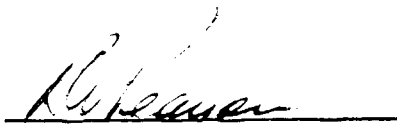
AUTHOR'S QUALIFICATIONS

I, Robin W. Pearson, certify that I am a geophysical instrument operator-technician with eighteen (18) years experience operating all types of geophysical equipment throughout the world.

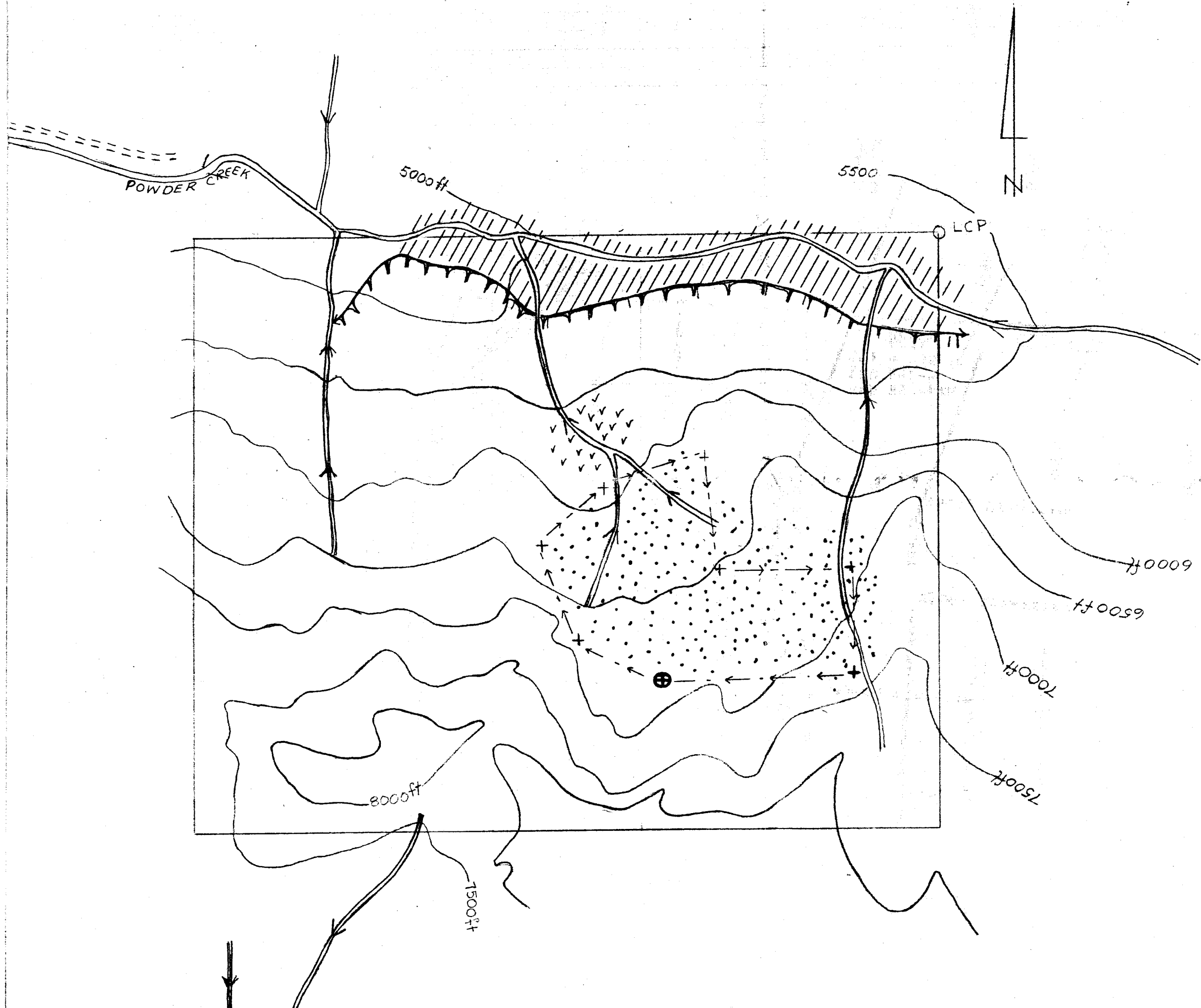
My past employers include Kenting Earth Sciences and McPhar Geophysics and included in the previous work was experimental geophysical work with base metals and coal.

I have been a self-employed prospector and mining exploration contractor for the past seven years.

Signed:

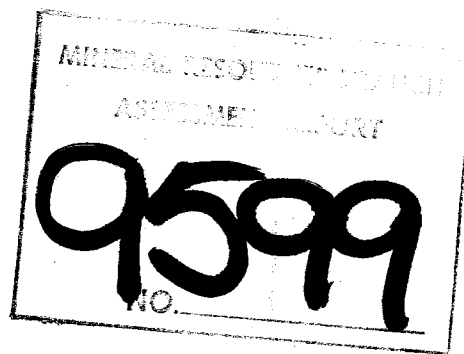
A handwritten signature in cursive script, appearing to read 'R. W. Pearson', is written over a horizontal line.

Robin W. Pearson



LEGEND

- claim boundary
- ↘ creek (showing direction of flow)
- ~ 6000ft contour line (500 ft. intervals)
- + prospect points
- ⊕ showing
- /// overburden
- ∇ outcrop
- ∨∨ rusty gossan
- ⋯ quartz monzonite
- - - traverse path
- road



PEARSON GALLAGHER LTD
 PROSPECTING MAP
 of the
LAUREL #1 CLAIM
 scale 1: 2500
 0 50m 100m 150m
 date: June 12, 1981