

82E SW 026
RICE CREEK
PLACER

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PROPERTY FILE

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GEOPHYSICAL and GEOCHEMICAL SURVEY

on

Placer Leases 327, 328, 329

Rice Creek Area

Greenwood Mining Division

82E/3E

by

W. Meyer, P. Eng.

(Work done on behalf of I. Hagemoen)

Leases: 327, 328, 329

Location: Rice Creek

49° 5' 119° 9'

Dates: May 25 - June 2, 1974

August 1, 1975

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Maps

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Fig. 2	Claim Location	In pocket
Fig. 3	Geochemical	In pocket
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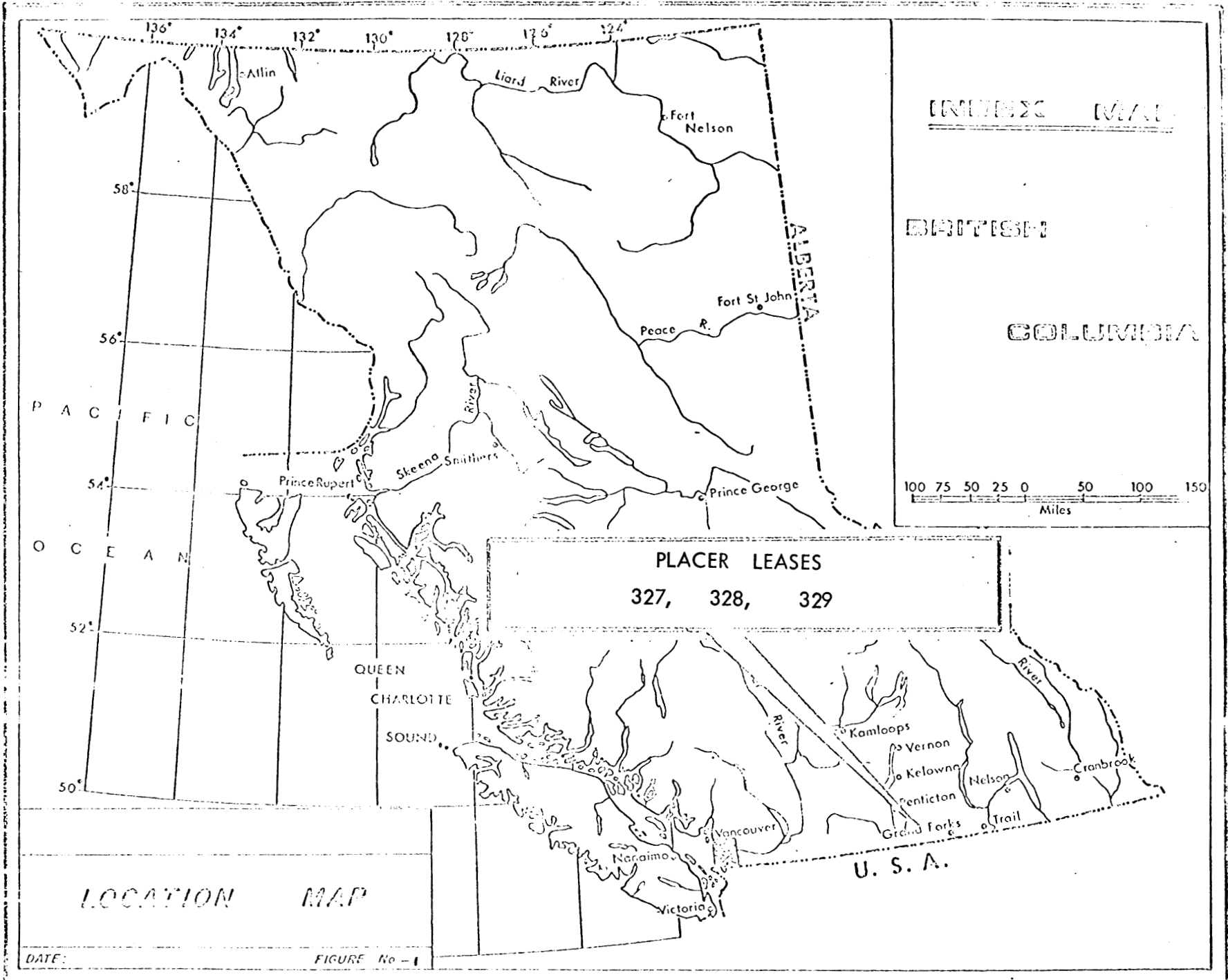
INTRODUCTION

The following report describes technical surveys carried out on 3 placer leases (Nos. 327-329 inclusive) located on Rice Creek in the Camp McKinney area. The leases were staked in March 1974 and the recording accepted on July 12, 1974. The leases are currently held by Mr. I. Hagemoen. The leases cover potential placer ground down stream from the Camp McKinney gold mine and may have a source unrelated to the vein at Camp McKinney which saw intermittent production since the turn of the century.

LOCATION and ACCESS

The leases are located on Rice Creek, a major tributary of McKinney Creek in the Greenwood Mining Division in south central British Columbia, a distance of 275 miles east of Vancouver. (See Fig. 1) .

The leases may be reached from Vancouver via the Trans-Canada Highway to Hope and Highway No. 3 to Rock Creek Canyon, some 23 miles east of Osoyoos, B.C. From the Canyon Bridge,



2.

access is by 5 miles of good gravel, all-weather road leading to the Baldy Mountain ski area.

LEASES

Placer Mining Leases 327-329 inclusive (Greenwood Mining Division) are owned by Mr. I. Hagemoen (re: British Columbia Mining Receipt No. 99132E). The leases are located on Rice Creek as shown on Fig. 2).

HISTORY

The Camp McKinney area has had a long history of gold exploration, development and production dating back to the 19th century. This production has included mining both lode and placer deposits.

The principal lode gold deposit was the Cariboo-Amelia, producing over \$1,000,000 in gold (\$20.00 gold) during 1894-1903. The bulk of the placer gold in the past had been taken from Rock and McKinney creeks.

Placer Development is currently engaged in an exploration programme on the "Hag" Claims within which the placer claims are located.

GEOLOGY & MINERALIZATION

The Rice and McKinney Creek area is underlain by rocks of the Anarchist series which consists of metamorphosed sedimentary rocks which are altered equivalents of sandstone, shale and limestone. The unit also contains minor altered intrusive and extrusive rocks.

The Anarchist Group is intruded locally by at least 2 and possibly 4 intrusive types (ref. G.S.C. Map 316A by W.E. Cockfield, 1935). The intrusive rocks vary in composition from granodiorite to ultra basics and in age from Jurassic to Tertiary.

Leases 327-329 are entirely underlain by Anarchist Group rocks.

GEOCHEMISTRY

Silt sampling along the McKinney and Rice Creek watershed returned values ranging from "not detected" to a peak value of 4.5 ppm gold. High gold values along Rice Creek (the source of the peak values) occur down stream from a former producing mine. The distribution of values down stream, however, is not consistent with a single source area (i. e. Camp McKinney).

Silt sampling data from McKinney and Rice Creeks is shown on Fig. 2. Placer leases 327-329 cover the area of Rice Creek containing the second series of anomalous gold values down stream from Camp McKinney.

A geochemical survey was carried out across the placer leases in conjunction with a broader survey completed over the 'Baldy' mineral claims.

Soil sampling was carried out on a 200 by 800 foot grid taking samples from just below the humus layer were possible.

Samples were placed in Kraft paper envelopes, partially air dried and shipped to Acme Analytical Laboratories in Burnaby. Analysis of the -80 mesh fraction for gold, silver and copper was by atomic absorption. Approximately 1/3rd of the sample was -80 mesh.

Geochemical sampling across the stream channel (see Fig. 3) indicated no important gold values in the soil other than within the stream channel. A significant anomaly occurs on line 12 + 00S where gold values were encountered over approximately 400 feet, corresponding to the width of the channel at this point. Further work is required to assess the significance of this anomaly.

Rice Creek in the area of line 12 + 00S flows underground most of the year and as a result, no panning was carried out in this area. Panning up stream from this anomaly indicated minor free gold, some angular chalcopyrite, and moderate pyrite in the heavy fraction.

Magnetometer

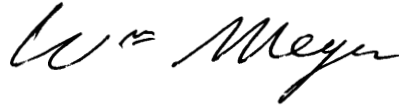
A magnetometer survey was carried out on a 100 x 400 foot grid, again in conjunction with a larger survey over the "Baldy" claims (re-staked as the "Hag" claims). Measurements of the vertical field were made using a McPhar 700 fluxgate magnetometer. Diurnal corrections were made in the usual manner using the looped transverse method.

The readings in gammas are shown on Fig. 4. The data over the placer leases is characterized by a low-to-moderate density of contours typical of fields associated with the Anarchist Group rocks elsewhere in the surveyed area. Contours are generally oriented north-south. No magnetic features were noted which could be directly attributed to concentrations of magnetite in the stream channel.

CONCLUSIONS

The geochemical surveys of the Rice Creek watershed indicate significant gold values in the stream channel with peak values greater than 0.1 oz/ton gold. It will be necessary to carry out additional technical programmes (hammer seismic) and physical work (test pits and/or shallow drilling) to assess the significance of the data.

Respectfully submitted,

A handwritten signature in cursive script that reads "W. Meyer".

W. Meyer, P. Eng.

August 1, 1975

Vancouver, B.C.

7.

PERSONNEL and DATES

<u>Name</u>	<u>Position</u>	<u>Dates of Work</u>	<u>Days</u>
W. Meyer	Geologist	July 1975	1
P. Dunsford	Technician	May 25-June 2	3
M. Maybury	Sampler	May 25-June 2	3
		Total man days	<u>7</u>

8.

STATEMENT of COST

3 crew man days @ \$130/day	\$ 390.00
1 day consulting @ \$150/day	<u>150.00</u>
	\$ 540.00
Crew Expenses:	
(Food, Camping, Assaying)	180.00
Truck Rental	<u>48.00</u>
Total Cost	<u>\$ 768.00</u>

I, Peter Dunsford, declare that the above costs were incurred on a geophysical and geochemical programme which was carried out on Placer Leases 327, 328, 329 at a property related cost of \$768.00

Declared before me at the
City of Vancouver, in the
Province of British Columbia,


Sub-Mining Recorder

this 12 day of January A.D. 1976


P. Dunsford, C.E.T.

STATEMENT of COST

3 crew man days @ \$130/day	\$ 390.00
1 day consulting @ \$150/day	<u>150.00</u>
	\$ 540.00
Crew Expenses:	
(Food, Camping, Assaying)	180.00
Total Cost	<u><u>\$ 720.00</u></u>

I, Peter Dunsford, declare that the above costs were incurred on a geophysical and geochemical programme which was carried out on Placer Leases 327, 328, 329 at a property related cost of \$720.00

Declared before me at the
City of Vancouver, in the
Province of British Columbia,

this 20th day of August A.D. 1975

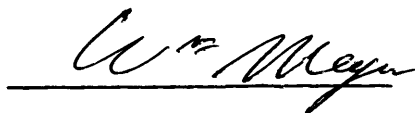
Joan Paul
Sub-mining Recorder

P. Dunsford
P. Dunsford, C.E.T.

CERTIFICATE

I, William Meyer, do hereby certify that:

1. I am a geologist with residence at 911 Jarvis St. Coquitlam, B.C.
2. I am a graduate of the University of British Columbia (B.Sc., 1962).
3. I am a registered member of the Association of Professional Engineers of the Province of British Columbia.
4. I have worked as an exploration geologist for twelve years for the following companies: Phelps Dodge Corporation of Canada Ltd., Gibraltar Mines Ltd., Associated Geological Services Ltd., Western Geological Services Ltd. (senior partner). I am presently a senior partner in W. Meyer & Associates Ltd.
5. The programme described in this report was carried out by a W. Meyer & Associates Ltd. crew under my direction.



W. Meyer, P. Eng.