

PROSPECTING REPORT

on the

PEER BC #1 and the PEER BC #2 Claims

in the

WARN BAY AREA 92F/5E

ALBERNI MINING DIVISION

49° 17'  
125° 44'

by

Walter Guppy

(Owner and Operator)

April 1983

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,268**

## INTRODUCTION

The PEER BC #1 and PEER BC #2 Mineral Claims consist of 12 units located on both sides of Bulson Creek 1½ to 3 kilometres upstream. Bulson Creek flows into the head of Warn Bay, in Clayoquot Sound, north east of Meares Island.

The claims were located by the writer in April 1982. The ground covered by the claims has been staked by various prospectors at various times over the years but no significant exploration work has been done in the area since the discovery of gold-bearing quartz veins, nearer tidewater, in 1940. Between 1940 and 1943 considerable work was done on the Moscena property south of the PEER BC claims. The writer had heard of other discoveries being made in the area but had no specific information about the location or nature of these other showings. Five days in June 1982 and two days in April 1983 were spent prospecting the claims.

## GEOLOGY

GSC mapping shows the area covered by the claims to be underlain by "Westcoast Diorites". Coarse-grained hornblende diorite probably belonging to this classification, was observed to be the predominant rock-type of the area but finer grained rocks were also observed at many points. Volcanic rocks predominate in the south west part of the claims and some dikes of fine grained intrusive were seen west of the creek. The gold-bearing quartz veins of the area are probably associated with stocks or dikes of Tertiary intrusive as has been reported to be the case at other points on Vancouver Island where gold-bearing quartz veins occur.

### TOPOGRAPHY & ACCESS

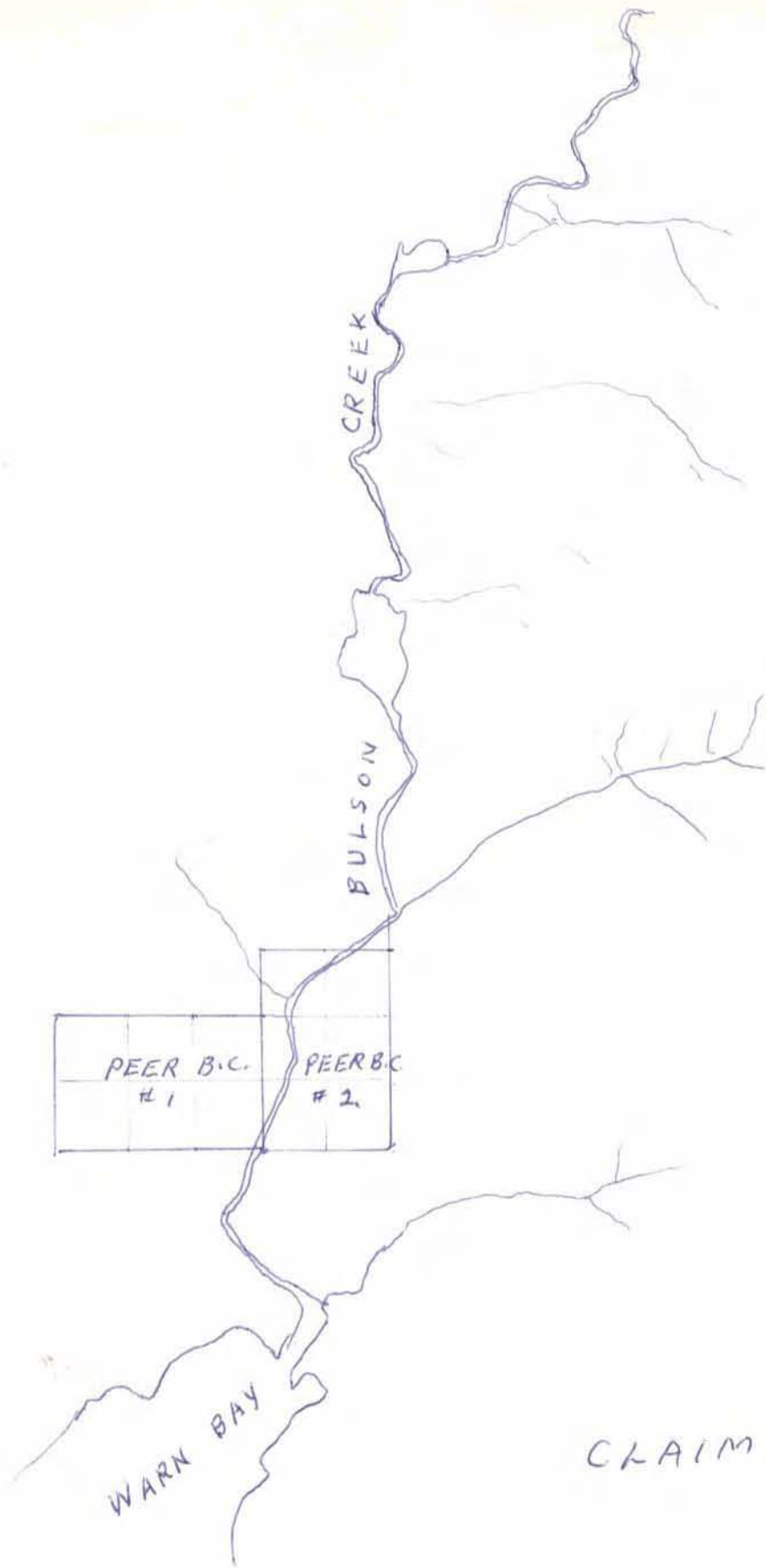
The topography of the area is particularly rugged. Rocky knolls and steep ridges rise abruptly from marshy flats throughout the valley of Bulson Creek. Frequent canyon sections and bluffs make travel along the banks of the creek practically impossible for most of its length. Trails, where developed, followed benches or draws back from the creek and skirting the canyons. One of these trails, which although overgrown is still easily travelled, was west of the creek from tidewater to the old Moscena workings; a distance of about one mile. It crossed the creek at the upper end of the first canyon but the bridge has collapsed or been carried away in a freshet. The other trail was through a draw a considerable distance east of the creek to a point about a kilometre above the Moscena workings where it intersected the creek. This is approximately the route now followed by a newly-constructed logging road which joins the road from Tofino Inlet (Rankin Cove) along the east side of Warn Bay. Crossing the creek presents some difficulty. It can be forded in some sections at periods of low water but, for much of its length, it is deep and swift-running or bordered by canyon walls. Trees can be felled across for foot-logs but these will be swept away in periods of heavy rain when the creek rises rapidly and overflows its banks.

### ECONOMIC ASSESMENT

Gold-bearing quartz veins have been found in what appears to be a favourable belt extending south-easterly from the PEER BC claims, at the head of Warn Bay and extending over the divide into the valley of Tranquil Creek. There are good possibilities in finding other such veins on these claims. The difficult access and unfavourable economic conditions have discouraged prospecting in the area but the development of logging roads have improved the access and a higher price for gold increases the possibility of finding veins with economic potential in the area.

SUMMARY OF PROSPECTING

During June 1982 and April 1983 the writer made several traverses of the area covered by the claims. Except for some minor skarn-type mineralization in a limestone belt north of the Moscena workings the only mineralization of interest found was west of the creek, about 3 kilometres upstream, and at an elevation of about 150 metres. Some work had been done on this showing many years ago. A surface cut at the foot of a bluff was filled with water. Fragments of quartz up to 10 inches across, obviously blasted from the pit, were nearby. Narrow stringers of quartz could be seen under water at the bottom of the pit. South of the pit is an extensive marshy area with no outcrops. To the north the structure of the vein was evident in a draw between two rocky ridges but little quartz could be found in this direction. Some fine-grained intrusive impregnated with fine pyrite outcropped at points along this draw. An attempt was made to bail out the pit but the lack of drainage away from it made it too difficult. A trench about four feet deep would be required to facilitate drainage and make it possible to expose the vein. The nature of this occurrence illustrates the difficulty of prospecting the area. The veins occur in shears which have been gouged out and filled with overburden and debris. The prominent outcrops represent solid hard knobs of rock which have resisted erosion but are unlikely to contain mineralized veins. The rugged nature of the area has defeated any attempt at systematic prospecting such as running grid lines. Perhaps an association of the veins with certain dikes or rock-types could be established to facilitate more detailed prospecting.

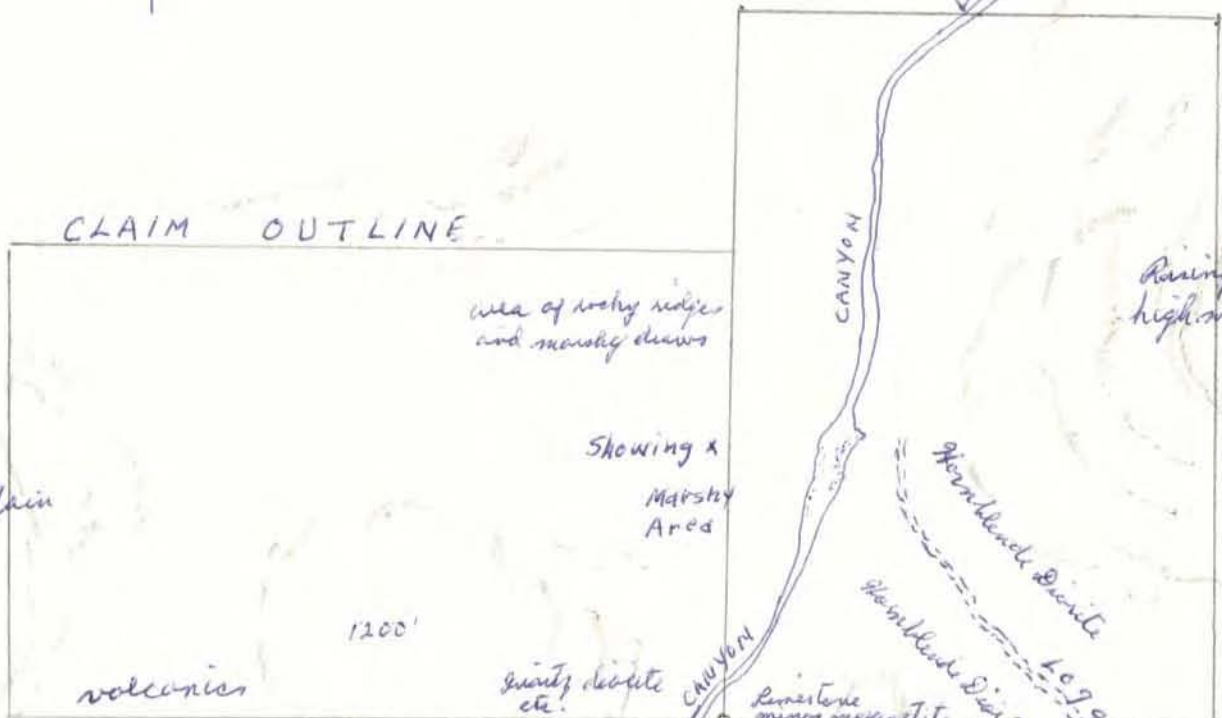


CLAIM MAP



BULKSON CR.

CLAIM OUTLINE



Rising to high mountain

Rising to high mountain

Hornblende Diabase

Hornblende Diabase

Logging

Road

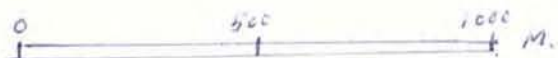
Quartzite  
mineral quartzite

LCP

MOSCENA MINE

700'

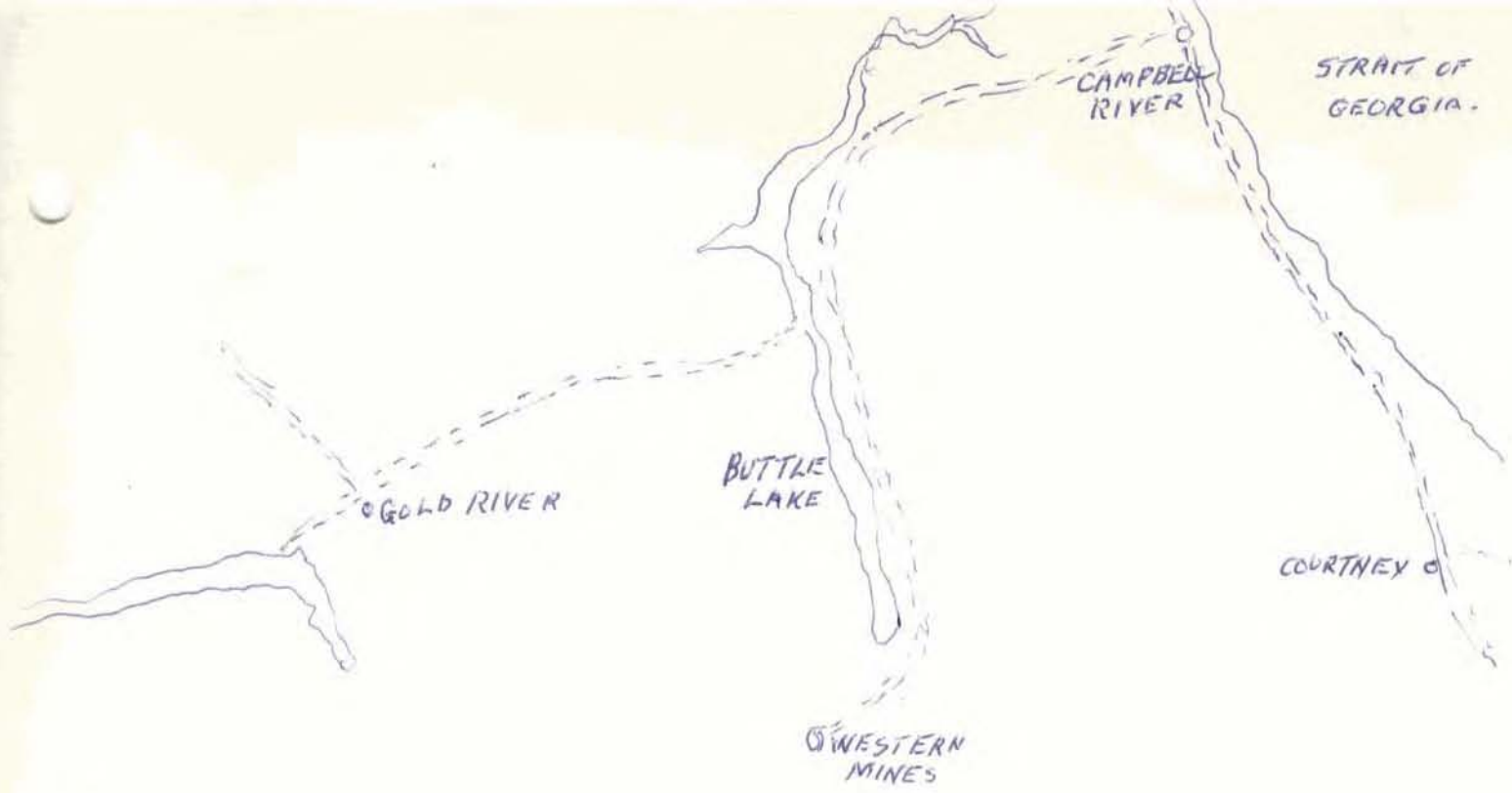
DETAIL MAP



WARN BAY







LOCATION MAP

STATEMENT OF COSTS

7 days field work @ \$140 per day .....	980.00
7 days boat hire @ 25 per day .....	175.00
1 day mapping and preparing report .....	100.00
Photocopies and field supplies .....	10.00
	<hr/>
	1265.00



STATEMENT OF QUALIFICATIONS

I, Walter Guppy, have had over 40 years experience as a part-time and full-time prospector, including 4 years in the employment of mining exploration companies and the last two field seasons in the field with the assistance of grants under the provisions of the Prospector's Assistance Act.

*Walter Guppy,  
April 1983*