

83-#384-11844

ASSESSMENT REPORT

CART I AND CART II CLAIMS

CLINTON MINING DIVISION

N.T.S. 92 0/11

LAT: 51°35' N
LONG: 123°20' W

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

OWNER: R. DUNN
OPERATOR: R. DUNN

11,844

KELOWNA, B.C.
September 8, 1983

CONSULTANT: Dr. S. Blusson
AUTHOR: R. Capell

TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	
Location and Access	1
Property	1
Topography and Climate	1
Work Previously Completed	1
PRESENT INVESTIGATION	1
RESULTS AND CONCLUSIONS	2
<u>APPENDICES:</u>	
A Statement of Expenditures	3
B Statement of Qualifications	4
<u>MAPS:</u>	
Location Map	Figure 1
Index Map	Figure 2

INTRODUCTION

Location and Access

The CART Group of claims is situated 55 km southwest of Hanceville to the southwest of Williams Lake. Access is by good gravel road and logging road to Kloakut Lake and than by foot to the claim group. Practical access is by helicopter.

Property

The CART Group consists of 30 contiguous metric claims consisting of CART I: 12 units; and CART II: 18 units.

Topography and Climate

The CART claims are on the south side of a prominent east west ridge. The top of the ridge exhibits the cenozoic basalt but the lower slopes are covered with extensive glacial drift. Elevation is from 1500 - 1700 metres.

Vegetation varies from bog and meadow in the creek bottoms to thick stands of pine and brush on the slopes. The property lies within the interior dry belt so precipitation is relatively light and is generally snow free from May through October.

Work Previously Completed

During 1981 and 1982 the claims area was investigated by heavy mineral sampling and follow-up systematic soil sampling in order to localize the source of an apparent gold anomaly.

PRESENT INVESTIGATION

It was decided to take further stream samples for heavy mineral concentration and analysis to try to delineate the source of anomalous gold values obtained from previous work.

Eleven \pm 5 kg stream sediment samples (D85 - D95) were taken at $\frac{1}{4}$ to $\frac{1}{2}$ km intervals on 5 streams draining the north and south sides of the east-west ridge in the northern claims area. (Figure 2) The samples were collected by wet sieving the coarse (+20 mesh) gravel and rock from the stream

channels. The collected samples were then transported to C.F. Minerals Laboratory, Kelowna, B.C.

The bulk stream sediment samples were subjected to semi-gravity washing, sizing jig concentration at the C.F. Minerals Laboratory. The resultant concentrates were subsequently submitted to heavy liquid separations followed by electro-magnetic separations. The concentrates were geochemically analysed for gold.

RESULTS AND CONCLUSIONS

Gold values from optimum concentrates are plotted on Figure 2. Two adjacent samples, D87 and D88, on a south flowing creek in the central area of the claims showed weakly encouraging gold values. Previous sampling had recorded a value of 2400 p.p.b. Au approximately 750 m downstream from sample D87. An isolated weak 'high' value was also recorded in sample D92 on a north flowing creek draining a nearby area of the claims. This is about 1200 m upstream from a previously located value of 50,000 p.p.b. Au.

Further samples should be taken in the central area of the claims and up glaciation to determine whether any mineralization present is from the claims area or glacial derived.

APPENDIX AStatement of ExpendituresLabour

1½ days Geologist @ \$350/day	\$525.00
6 days Field Samplers @ \$150.00/day	\$900.00
1 day Cook/Helper @ \$80.00/day	\$ 80.00

Food & Lodging

8½ man days @ \$35/day	\$297.50
------------------------	----------

Transportation

Helicopter and fuel	\$818.83
Truck rental and fuel	\$348.30
Car rental and fuel	\$163.37

Equipment and Supplies

Radio rental	\$135.00
Field Supplies	\$ 15.76
Plastic bags	\$ 6.20

Sample Processing

Heavy mineral processing (11 samples)	\$676.50
Assay	\$ 97.75

Report

Preparation (Writing, drafting, typing) 12 hrs @ \$12.00/hr	\$144.00
--	----------

Total	<u>\$4,208.21</u>
-------	-------------------

APPENDIX BStatement of Qualifications

Mrs. Rosemary Capell is a 1965 B.Sc graduate of the University College of Rhodesia (College of London University). Between 1966 and 1975 Mrs. Capell worked for Anglo American Corporation of South Africa in Rhodesia chiefly on base metal exploration.



