

PROSPECTING REPORT CART GROUP Clinton Mining Division 92 0/11 51 35' North 123 20' West Owner/ Operator: R Dunn Consulting Geologist: Dr. S Blusson Report by R Dunn August 31, 1982 (REVISED)

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CONTENTS

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LCCATION MAP fig 1 INDEX MAP fig 2 PROPERTY DEFINITION SUMMARY OF WORK	1 2 3					
FIELD REPORT	4					
COST STATEMENT						
AUTHOR'S RUALIFICATIONS						
ASSAY RESULTS NAS						
ASSAY RESULTS BONDAR-CLEGG	APP B					
CONSULIDATED ASSAY REPORT	app C					
SAMPLE MAP fig 3	POCKET					



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#### 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 then by foot to the claim group. Practical access is by helicopter.

#### PROPERTY

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The CART Group consists of 30 contiguous metric claims consisting of CART 1: 12 units, and CART 2: 18 units.

## TOPOGRAPHY AND CLIMATE

The CART claims are on the south side 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 greek 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.

## SUMMARY OF WORK

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A total of 7.5 sq kms were prospected as per the Field Report following.

#### FIELD REPORT

The work consisted of 3 phases:

- 1. Heavy mineral sampling,
- 2. Prospecting and geological examination,
- 3. Geochemical sampling.

#### **1. HEAVY MINERAL SAMPLING**

#### FIELD PROCEDURE

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The initial field work consisted of heavy mineral stream sediment sampling to confirm and localize earlier results which indicated a gold anomally in the area. The field procedure employed was as follows:

5- 10 kg samples were collected by serving coarse gravel and rock from the active stream channel. Where possible, a cross section of material was sampled by digging approx 50 cm deep. Shovel manipulation was such as to ensure that any heavy grains lying on flat rocks would be recovered. Preference was given to sampling at the head of a gravel bar, and to sieving material with a variety of rock sizes of up to 15 cm diameter.

Samples were wet seived using 20 mesh screen and detergent was added to facilitate sieving. Screens and pans were cleaned after use by washing and scrubbing with wire brush. The collected samples were shipped by truck to CF Minerals, Kelowna,  $B_*C_*$ .

#### LAB PROCEDURES

The samples were processed by CF Minerals by further sieving, jigging, heavy liquid and magnetic separation. The -150 HN (heavy non-magnetic) fractions were shipped to NAS Lab, Hamilton, Ontario for neutron activation assay for gold. The -20+150 HN fractions were shipped to Bondar-Clegg, North Vancouver for silver assay by atomic absorption method.

#### ASSAY RESULTS

The assay results of the heavy mineral sampling program are shown in the Consolidated Assay Report, Appendix C. Sample sites are shown on the Sample Map fig 3. Original assay results from NAS and Bondar-Clegg are shown in Appendix A and B respectively.

#### 2. PROSPECTING AND GEOLOGICAL EXAMINATION

The claim group was thoroughly prospected and examined by prospector and consulting geologist in an attempt to establish the source of the apparent gold anomally. Unfortunately, the area is covered with a great deal of glacial drift and outcrops are sparse, except on the ridge top.

With little outcrop evident, it was decided to undertake a preliminary geochemical soil sampling program in an attempt to localize the anomally.

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## **3. GEOCHEMICAL SOIL SAMPLING**

#### FIELD PROCEDURE

An east-west line was laid out using air photographs, hip chain and compass. Samples were taken at 100 metre intervals on the line. Large samples of approximately 5 kg were collected from the "B" horizon.

## LAB PROCEDURE

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Г 4 The collected samples were washed to remove the clay consitiuent, and seived to -20 mesh to remove bulk and gravel. The residual sample was then leached, heated and agitated and assayed in the field with the Scintrex portable atomic absorbtion spectrophotmeter AAZ-2. Selected samples were sent to Bondar-Clegg for comparative assay, and calibration.

Unfortunately, contamination of the AAZ-2 resulted in unreliable field assay results. Recovered samples were sent to CF Minerals Ltd for sample processing by washing, drying, tetrabromoethane separation using double micron filtration; and 2 electromagnetic separations. The heavy non-magnetic fractions were sent to Bondar-clegg for assay by atomic absorption method.

## ASSAY RESULTS

Assay results of the soil sampling are shown in the Consolidated Assay Report, Appendix C. The location of the sample sites are shown on the Sample Map fig 3. COST STATEMENT Cart Group

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	TOTAL	£	4090
report			150
Assay	1/2 of 1206		603
	lab supplies		100
	spectrophotometer 1/3 of 1500		500
Equipment and s	SUFFLIES		
	Truck		177
	PHA Williams Lake		178
	1 trip helicopter Pemberton to CART group		700
TRANSPORTATIO	¥ 1 trip Vancouver-Pemberton		50
food and lodg.	ING 8 man days at 35		280
	Geological consultant 1 day at 300 sampler 1 day at 150		300 150
6 June 82	Geochemical soil sampling		
	Geologist 1 days at \$ 300 Prospector 1 day at \$ 150		300 150
5 Aug 81	Geological examination		
	Frospector 2 days at \$ 150 Helper 2 day at \$ 100		300 100
16-17 May 81	frospecting and heavy mineral sam	քո	ເກຊ
Labour			

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APPENDIX A

# NUCLEAR ACTIVATION SERVICES 10-JUL-81 REPORT 505 REF. FILE 1123- PAGE

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SAMPLE		AU PPB
195-h	TS407-15	0 HN 1500
196-н 197-н	" 4 <u>0</u> 9 "	13000 ' " 7000
198-H		2500
200-H	" 4 <u>1</u> 2 "	50000
201-H		" 2900 " 2400
202-H 203-H	" 406 "	<b>16000</b>
204-H 205-H	"405 " "415 "	" 13000 " 2800
206-H	" 416 "	 
207-H 208-H	" 417 " " 418 "	" 7200 " 26000
209-H	" 419 "	25000
210-Н 211-н	" 420 " " 421 "	"2300 "330
212-H	" 423 "	" 2400

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130 PEMBERTON AVE, NORTH VANCOUVER, B.C. V7P 2R5 PHONE: (604) 985-0681 TELEX: 04-352667	Geochemical Lab Report	PAGE 1																		
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		121-1885 El Exent	UNITS	0+150HN																
		REPORT: CAMPIE	NUMBER	TS-405-2	400	408 409		410	471 172 272	413	414	415	416 417	418 419		420 421 423				•

	Bondar-Clegg & Company Ltd. 130 Pemberton Ave North Vancouver, B.C. Canada V7P 2R5 Phone: (604) 955-0581 Telex 04-352667	BONDAR-CLEGG	Geochernical Lab Report
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REPORT: 122-281	9 PROJECT	: TASEKO-	BIER	APPENDIX B page 2
Sample Elemen Number Unit	it Au S PPB	wt/Au	NOTES	· · · · · · · · · · · · · · · · · · ·
-20H/N CART C 455-22,80 C 458-7,85 C 459-5,00 459-5,00	330 ~<5 <15 <20	3.0 2.0		
C 457-CK-13.18 C 55-00-13.93 C 55-13E-46.32 C 55-14E-27.10 C 55-14E-27.06	20 , <5 <5 20 <5			· · · · · · · · · · · · · · · · · · ·
.C 55-24-23-51 C 55-34-31.98 C 55-34-35.77 C 55-54-25.83 C 55-644-58-00	<5 25 795 30 80		· · · · · · · · · · · · · · · · · · ·	
C 59-648-26.97 C 59-74-40.12	<5 25	e .		
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## CART CONSOLIDATED ASSAY

PAGE 1

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DATA CONSOLIDATED FROM N.A.S., BONDAR-CLEGG & C.F. MINERAL ASSAY AND WEIGHT REPORTS -150 MESH BY NEUTRON ACTIVATION, -20 MESH BY ATOMIC AESORPTION

SMPL	GRED	GRID	AU-150	AU-20	ua t <del>v</del>
	East	NORTH	PPB	<b>FPB</b>	GRMS
<del>4</del> 11	7550	1610	1100	0	1.27
413	7887	1160	2900	0	0,14
414	7470	1325	3400	0	0.74
415	7460	1325	2800	9	1.02
416	7460	1305	4600	0	1.62
<del>4</del> 21	7630	1170	330	0	1,49
422	7600	1260	2400	0	1.66
455	7475	1380	0	330	22,80
456	7485	1380	0	20	0,00
457	7495	1380	0	20	13,18
458	7547	1370	G	5	7,85
459	7636	1380	0	15	5.00
5S/0	7500	1390	0	5	13,93
5S/10E	7680	1380	0	C	0.00
5S/11E	7691	1380	0	8	0,00
5S/12E	7702	1380	0	0	0.00
55/13E	7713	1380	0	5	46+32
55/14E	<sup>1</sup> 7724	1390	0	20	27,10
5S/1E	7510	1390	0	8	0.00
5S/1¥	7465	1380	0	5	48.06
5S/2E	1520	1390	0	0	0.00
55/2W	7455	1380	0	5	23,51
5S/3E	7530	1370	0	0	0.00
5S/3W	7445	1380	0	25	31,98
59/4E	7540	1390	0	0	0.00
5s/4¥	7 <del>4</del> 35	1380	0	795	35,77
5S/5E	7550	1370	0	C	0.00
5S/5W	7425	1390	0	30	25,83
5S/6E	7565	1390	9	0	0.00 -
5S/6¥	7415	1380	0	80	84.97
5S/7E	7647	1380	0	0	8.00
5\$/7W	7405	1380	0	25	40.12
5S/8E	7658	1380	0	Û	0.00
55/9E	7669	1380	0	0	0.00

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The writer has actively prospected since 1970. In addition to attending the B.C & Yukon Chamber of Mines prospecting school, the writer has received credit for courses in Geology, Mineralogy, Structual Geology, and Earth Physics at Montreal Concordia University.

