

83-#180 -# 11201
5

PROSPECTING REPORT
ON THE
RUBY CLAIMS
IN THE
AGAMEMNON CHANNEL AREA
SOUTHWESTERN BRITISH COLUMBIA

VANCOUVER MINING DIVISION

N.T.S. 92F/9E
124.00E, 49.45N

CLAIM OWNER: J.B.DAVIES

OPERATOR: J.B.DAVIES

AUTHOR : JOHN B. DAVIES, Ph.D.

DATE : 22 May 1983

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,201

TABLE OF CONTENTS

INTRODUCTION.....	1
GEOLOGY.....	2
MINERALISATION.....	3
PROSPECTING TECHNICAL DATA.....	4
ITEMISED COST STATEMENT.....	5
AUTHOR'S QUALIFICATIONS.....	6
MINERAL CLAIM AFFIDAVIT.....	7
FIGURE 1.....	8
FIGURE 2.....	9
FIGURE 3.....	10
FIGURE 4.....	11

INTRODUCTION

The RUBY claim group is located near Earl's Cove on the shore of Agamemnon Channel about 80 kilometres northwest of Vancouver, British Columbia. Figure 1 indicates the general geographic location. Highway 101, a good paved road, provides access from the Langdale ferry terminal and skirts the eastern edge of the claims. An old logging road now partly bushed out cuts across the western part of the claim running southwest. The shoreline of the claims is easily accessible by small boat.

The topography of the claim area is generally low, rounded and relatively subdued. Dense undergrowth and extensive overburden hinder exploration though year round coastal temperate weather conditions allow access to the property any time of the year.

RUBY PROPERTY

The RUBY property consists of one claim group comprising, at present, 16 units and to be shortened at the north end by dropping of four units, (Figure 2)

RUBY 16 units Record No. 1186 Recorded 4 May, 1982

Owner and operator is John B. Davies, F.M.L. No. 233691

GEOLOGY

REGIONAL

Sechelt Peninsula lies within the western boundary zone of the extensive Coast Plutonic Complex and is mainly underlain by Cretaceous plutons of granidioritic composition. Numerous inclusions or pendants of Triassic volcanics and sediments have been found as northwesterly trending remnants of a once more extensive country rock cover.

One major pendant zone described as mainly basalt or greenstone and homotaxially related to the Karmutsen Formation forms the height of land along the east side of the Peninsula. An extension of this pendant zone extends along the east side of Ruby Lake and terminates on Nelson Island. Both the country rock pendants and the enclosing intrusive rocks have been cut by Tertiary and younger dike swarms and faults. Dike swarms are prominent in the general area along the shoreline west of Earl's Cove and at the east end of Nelson Island. Physiographic features in the area appear to have been partly controlled by erosion along both fault zones and dike swarms with ridges or heights of land dominated by indurated volcanic remnants.

LOCAL

The geology of Lower Jervis Inlet was mapped by W.R. Bacon in 1951-52 and Figure 3 shows a copy of the relevant part of Canadian Geological Survey Map No. O.F.611 entitled 'Geology of Vancouver West Half and Mainland Part of Alberni' compiled by J.A. Roddick and associates. Detailed geology in the RUBY property area is known only along the shore of Agamemnon Channel where mineralisation has been found and along portions of Highway 101. The main rock underlying the claims comprises granodiorite with inclusions of altered indurated volcanic

Local Geology cont.

rocks present as irregular blocks. Irregular zones within the granodiorite have been epidotised with silicification and calcification also occurring. Various dikes intersect the claims though with irregular distribution. The adjacent Chalice, Stein and Wally claim groups have been the subject of much recent exploration and possess similar geological features as the RUBY claims.

MINERALISATION

Mineral exploration in the general Sechelt Peninsula area has concentrated attention on vein and skarn type deposits, mainly of mixed base sulfides with additional gold and silver.

The two closest deposits in the general area are the King Midas to the south near Sakinaw Lake and the Chalice group to the east. Reports indicate that the King Midas claim had shipped 95 tons of sulfide which contained 93 oz of silver and 5,166 lbs. of copper. 106 tons of material shipped from the Chalice group contained 34 ounces of gold, 45 ounces of silver and 170 lbs of copper.

Two significant gold deposits have been found on the Chalice group, pits having been excavated along northeasterly trending fractures with exposure of quartz and pyrite with assays upto 6 oz/ton gold. The gold appears to be associated with pyrite/marcasite/quartz vein systems with minor chalcopyrite present.

PROSPECTING TECHNICAL DATA

The claim group RUBY was staked and prospected by John B. Davies, who has 10 years experience prospecting and exploring in B.C. and elsewhere, has taken all courses offered by the Department of Mines (and passed) relevant to exploration, see attached qualifications. Figure 4 shows a detailed map of the RUBY claim group with relevant geographic features and labeled areas of concentrated exploration. From Earl's Cove to location D, north of Ambrose Lake Ecological Reserve, the shoreline was prospected by small boat. The main rock type was granodiorite with some dike swarms to the immediate west of Earl's Cove. At location D, intensive alteration and fracturing has occurred with emplacement of calcite and other secondary minerals. Due to the overhanging cliffs, this alteration zone could not be traced inland.

At location A, close to the eastern boundary of the claim, outcrops of diorite were examined for pyrite and other minerals.

At location B, in a road cut, intensive silicification and calcification were observed over a 100 meter long zone. Adjacent to the north is a zone of altered volcanics with large amygdoidal quartz crystals, this grading into an altered pink granodiorite.

At location C, outcrops of granodiorite were explored for pyrite and other minerals.

The logging roads were examined for cuts and outcrops with only granodiorites being sparsely observed.

Preliminary examination of outcrops on the B.C. Hydro powerline right-of-way is presently under progress.

ITEMISED COST STATEMENT

WAGES

6 man-days at \$100 per day \$600.

FOOD AND ACCOMADATION

6 days and nights at \$40 \$240.

TRANSPORTATION

Vehicle gas and Ferries, 3trips \$120.

Boat gas and hiring for rent \$150.

REPORT PREPARATION

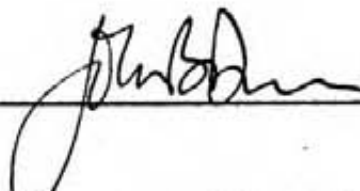
\$200.

TOTAL COST \$1310.

AUTHOR'S QUALIFICATIONS

I, John Bruce Davies, of 14247 72A Ave, Surrey, B.C.,
do hereby certify that:

1. I have taken and passed all necessary courses on prospecting as determined and set by the B.C. Department of Mines.
2. I am a graduate of California Institute of Technology with a Master's Degree in Geophysics.
3. I am a graduate of the University of British Columbia with a Ph.D. degree in Geophysics and Astronomy.



JOHN B. DAVIES, Ph.D.

22 MAY 1983

MINERAL ACT - PROVINCE OF BRITISH COLUMBIA

Record of Mineral Claim
FORM G

MAP NO. 92F/9E & 92F/16E

RECORD NO. 1186

MINING RECEIPT NO. 182304E RECORDED AT Vancouver B.C. THIS 4 DAY OF May 19 82

DO NOT WRITE IN SHADED AREAS

VANCOUVER
MINING DIVISION

RECORDED BY
GOLD COMMISSIONER

**Affidavit
for
Mineral
Claim**

I, JOHN B. DAVIES NAME AGENT FOR _____ NAME

14247 71A AVE, SURREY, B.C. ADDRESS ADDRESS

VALID SUBSISTING F.M.C. NO. 236404 VALID SUBSISTING F.M.C. NO. _____

MAKE OATH AND SAY: I COMMENCED LOCATING THE 7357 MINERAL CLAIM

ON THE 1 DAY OF MAY 19 82 AT 8 A.M. AND COMPLETED THE LOCATION
(TIME - INDICATE A.M. OR P.M.)

ON THE 1 DAY OF MAY 19 82 AT 6 P.M. CONSISTING OF
(TIME - INDICATE A.M. OR P.M.)

4 UNIT LENGTHS N AND 4 UNIT LENGTHS E AND I HAVE IMPRESSED ALL THE REQUIRED INFORMATION
(NUMBER) (DIRECTION) (NUMBER) (DIRECTION)

ON METAL TAGS NO. 76033 WHICH HAS BEEN SECURELY FASTENED TO THE POSTS AS REQUIRED UNDER THE REGULATIONS.

IDENTIFICATION POST(S) NOT PLACED WERE 1N, 2N, 3N, 4N, 4NE, 4NW, 4SE, 4SW, 5N, 5NE, 5NW, 5SE, 5SW

CHECK "V" APPLICABLE SQUARE THE LEGAL CORNER POST IS SITUATED: 1.8 km
 THE WITNESS POST FOR THE LEGAL CORNER POST

SOUTH AND 1.7 KM WEST OF EARLE'S CREEK CLIFF
PRECISELY DESCRIBE POSITION OF POST RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES THAT RELATE TO FEATURES ON A MAP.
SOUTH AND 1.7 KM WEST OF EARLE'S CREEK CLIFF, MAP 92F/9E

† BEARING AND DISTANCE TO TRUE POSITION OF LEGAL CORNER POST FROM THE WITNESS POST 150° 12'

BEARING AND DISTANCE FROM IDENTIFICATION POST TO WITNESS POST _____

I HAVE COMPLIED WITH ALL THE TERMS OF THE MINERAL ACT AND REGULATIONS PERTAINING TO THE STAKING OF MINERAL CLAIMS AND HAVE ATTACHED A PLAN, ACCEPTABLE TO THE MINING RECORDER, OF THE LOCATION.

SWORN AND SUBSCRIBED TO AT _____

THIS _____ DAY OF _____ 19 _____ BEFORE ME

John B. Davies
SIGNATURE

182304E - 90.00
MR OR SMR STAMP

NO. OF UNITS 16

WORK NUMBERS	C/L IN \$	MINING RECEIPT AND DATE RECORDED	TYPE OF WORK	YEAR OF EXPIRY	CREDIT		TRANSFERS (B/S'S, ASSIGNMENTS, CONVEYANCES)
					WORK UNIT(S)	RENTAL IN \$'S	

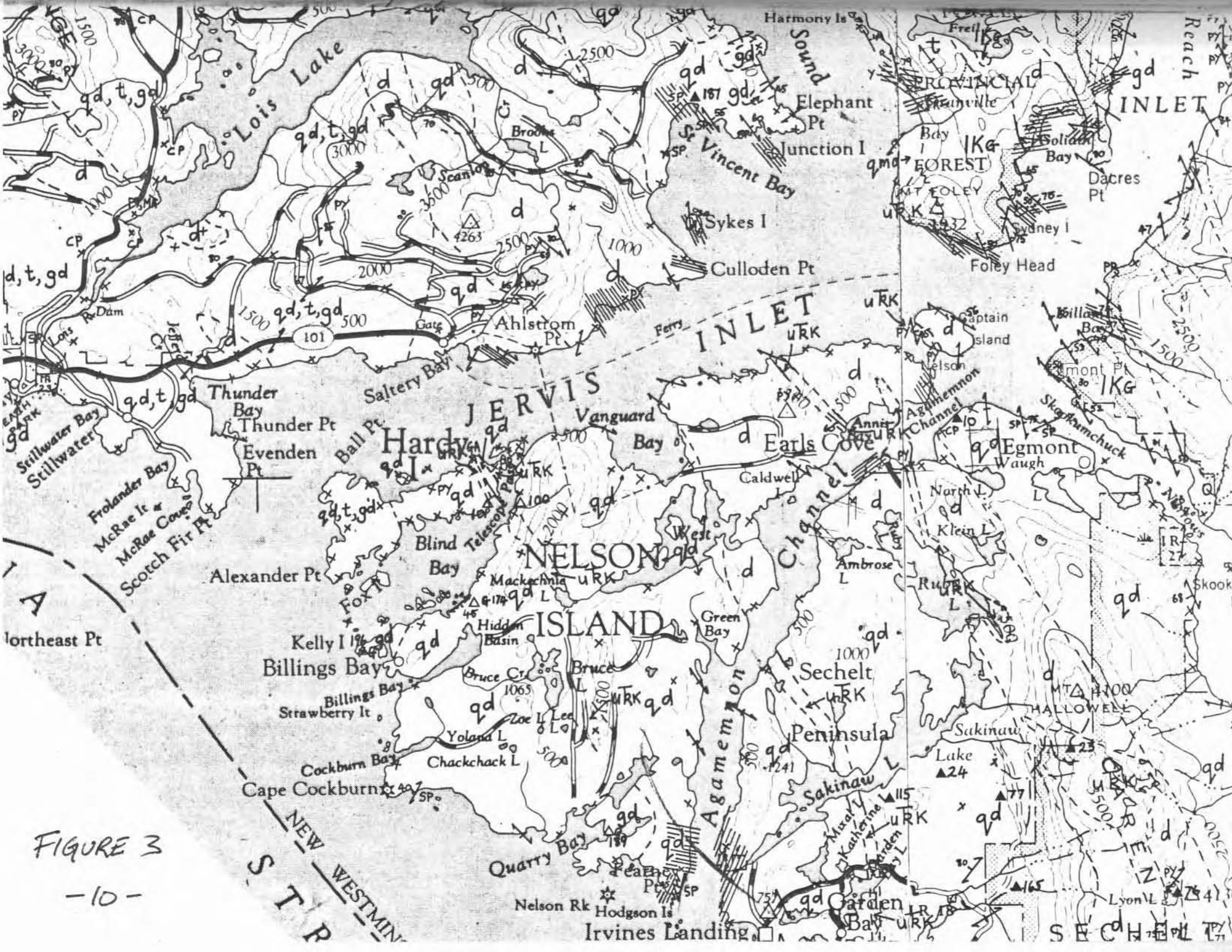


FIGURE 3

PROSPECTING MAP

RUBY CLAIM
4N + 4E

N
SCALE :
1 CM = 125 metres

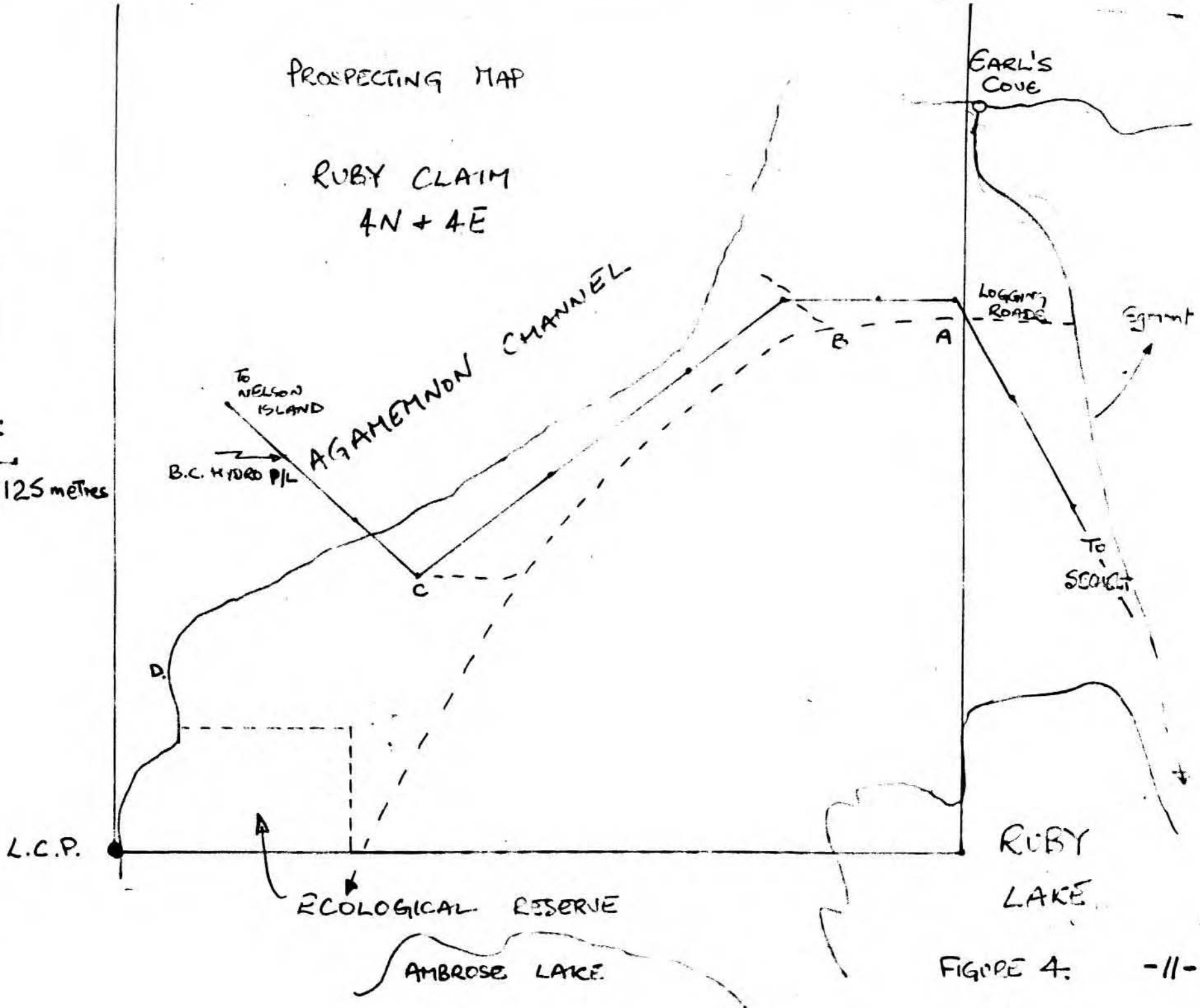


FIGURE 4. -11-