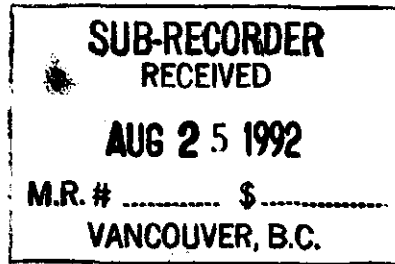


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APPENDIX



ILLUSTRATIONS

FIGURE 1	LOCATION MAP	After page 2
FIGURE 2	CLAIM MAP	After page 2
FIGURE 3	GENERAL GEOLOGY MAP	After page 3
FIGURE 4	PROPERTY GEOLOGY	In pocket

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,467

BOLT 1& 2 MINERAL CLAIMS
OWNER: DAMIR CUKOR
Texada Island, B.C.

1. INTRODUCTION

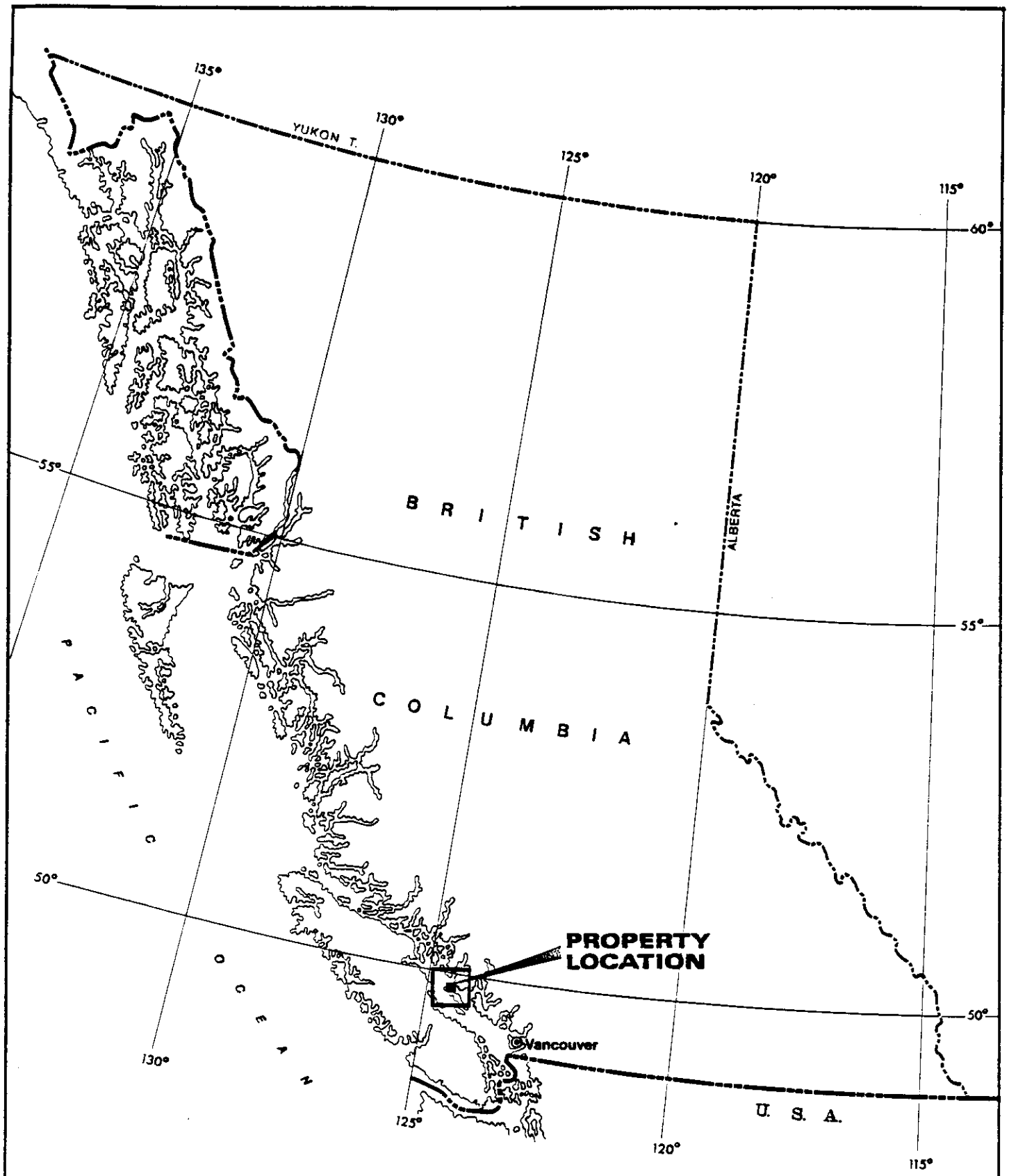
In early May 1992, V. Cukor, P. Eng. spent 1 day on the Bolt claims to perform geology mapping. The past small scale development and mining has been done in the area on a number of showings of magnetite skarn containing copper-silver-gold. The same rock type and mineralization is present on the Bolt claims as well. Gold values ranging from .016 to .18 oz/t, silver .05 to 1.94 oz/t and copper .19 to 4.98% over widths of 1 to 1.5 meters were received from the past sampling.


2. PROPERTY, LOCATION, ACCESS

The Bolt 1 and 2 mineral claims are located as two post claims with recording date May 28, 1984. They are on the north-western part of Texada Island, at NTS 92F/9W in the Nanaimo Mining Division. The center of the claims is at approximate north latitude $49^{\circ} 42'$ and west longitude $124^{\circ} 29'$.

The claims are accessed by the gravel road which turns off the paved Vananda- Gillies Bay highway near Cranby Lake. The gravel road leads north through gravel pit to the initial post. The claim line follows old mining road which in turn follows small, unnamed creek bed in the northeasterly direction.

Necessary water and timber are available on the property or in close proximity. Room and board are available in Vananda or Gillies Bay. Exploration supplies and equipment are available locally or in the Powell River, connected with the island with excellent ferry service. A general location and the claims are shown on fig. 1 and 2.



BOLT CLAIMS		
Location Map		
NANAIMO M.D. B.C.		NTS 92F/9W
V.CUKOR, P.Eng. - NVC ENGINEERING Ltd. - VANCOUVER, B.C.		
DATE:	Aug. 1992	SCALE: 0  100 miles
		FIG. 1

3. GEOLOGY

REGIONAL GEOLOGY

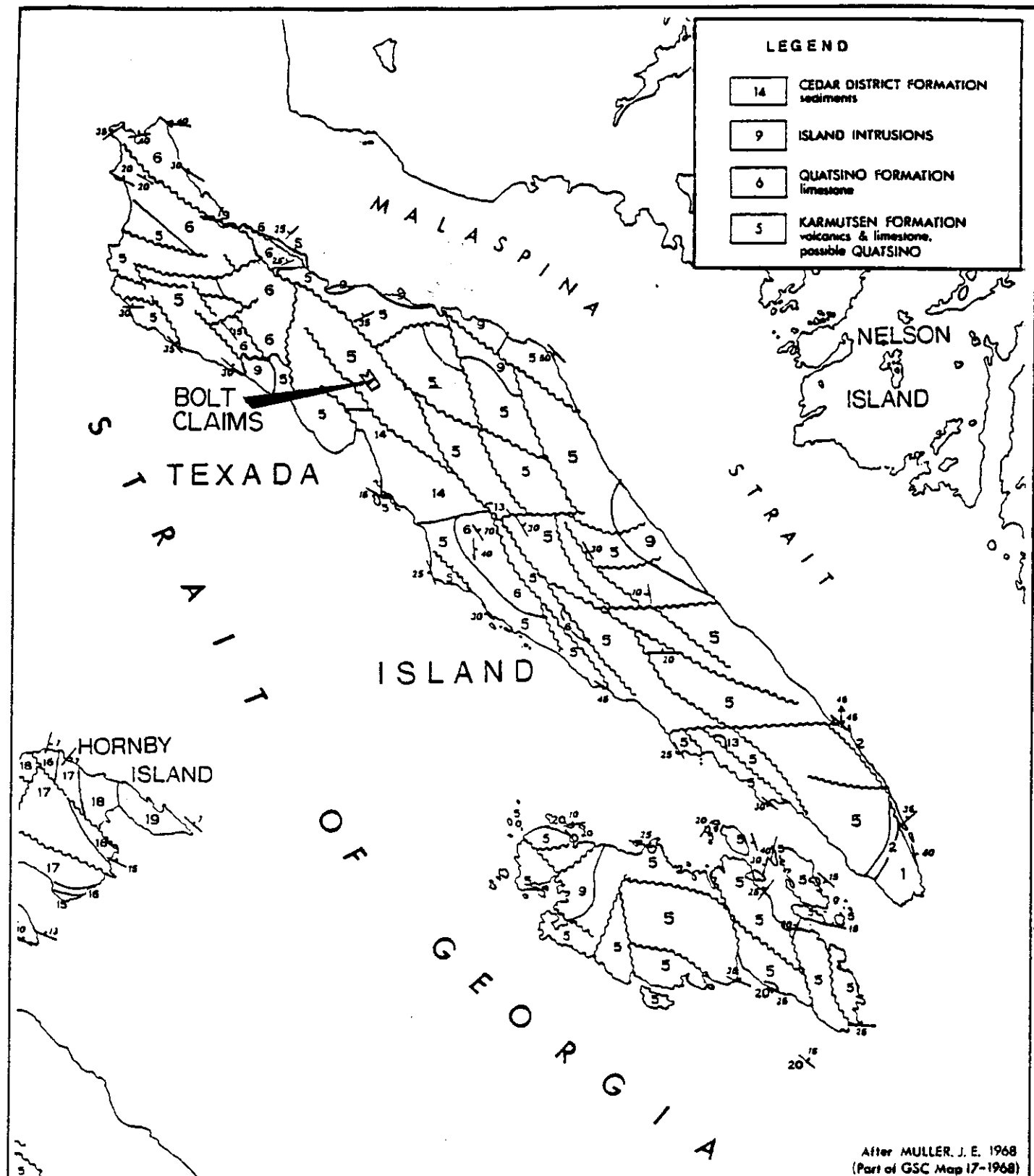
The property area is underlain by volcanic rocks of the Upper Triassic Karmutsen Formation which is the oldest part of Vancouver Group. The Karmutsen is conformably overlain by the limestones of Upper Triassic Quatsino Formation also known on the Texada as Marble Bay limestones.

The Karmutsen and Quatsino rocks were intruded by numerous stocks, sills and dykes of biotite-hornblende quartz diorites of Middle and Upper Jurassic Island Intrusions.

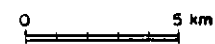
The rocks of the Karmutsen Formation (Texada Formation by McConnell, 1914, p.21) are composed of pillowed basalt, succeeded by various types of breccia. The rocks are dark grey to black with redish weathering. They are usually amygdaloidal. Pillowed lavas and breccias are overlain by well bedded lava flows. At the top of the Formation a sequence of limestone beds up to 10 m thick occurs. It is usually interbedded with volcanic rocks and is fossiliferous. The identified ammonite fauna shows Upper Triassic age of the rocks.

The limestones of Quatsino (Marble Bay) Formation are "massive or in beds several feet thick; in a minor part of the formation beds are a few inches thick and separated by thin shale and siltstone laminations." (Muller, J. E. 1969). In many places limestone is intruded by dykes and sills and near intrusive contacts the limestone is metamorphosed into marble.

The post Upper Triassic deformations are characterized by steep faults and related folds. The folding which probably started in Upper Triassic predated the emplacement of the Main Coast Intrusives.



After MULLER, J. E. 1968
(Part of GSC Map 17-1968)

BOLT CLAIMS	
GENERAL GEOLOGY MAP	
NANAIMO M.D., B.C.	NTS 92 F/9W
NVC ENGINEERING LTD.	VANCOUVER B.C.
DATE: Aug. 1992	SCALE: 0  5 km
	FIG. 3

PROPERTY GEOLOGY

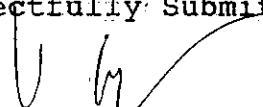
Some granitic rock of the Island Intrusions outcrop on the Bolt claims (see fig 4). It consists of dark, greenish-grey granodiorite. On the points of observation it was found that rock contains greenish-grey groundmass with irregular phenocrysts of feldspar .4 to 5 mm in size. There are also present smaller mafic crystals (hornblende?) and occasional magnetite. Alteration was identified as chloritization and silicification; some of the hairline fractures are iron stained. Closer to fault zone fine grained pyrrhotite is disseminated throughout. Sulphides are also aligned in fractures with quartz; locally they are present as blobs.

Intrusives are in a fault contact with Karmutsen Formation. On the claims the limestone beds are in the fault slice alongside the intrusives, with lavas positioned further to the north. Massive greyish skarn follows the limestone-intrusive contact striking NE-SW along the creek bed. The skarn carries massive magnetite, pyrite, chalcopyrite mineralization, assaying fair to good gold and silver values. From past sampling it appears that better gold values follow magnetite concentrations. This mineralization appears in the zone approximately 300 m long and 10-20 m wide, explored in the past by open cut and two adits. The dump of the adit No 2 contains chunks of high grade material.

The skarn zone of the Bolt mineral claims is an excellent exploration target and it should be further examined.

August, 1992

Respectfully Submitted




V. Cukor, P. Eng.

CERTIFICATE

I, VLADIMIR CUKOR, of 21651 Mountainview Crescent, in the City of Maple Ridge, Province of British Columbia, DO HEREBY CERTIFY THAT:

1. I am a Consulting Geological Engineer with NVC Engineering Ltd. with a business address as above
2. I graduated from the University of Zagreb, Croatia in 1963 as a Graduated Geological Engineer
3. I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers in the Province of British Columbia, Registration No 7444
4. I have practiced my profession as a Geological Engineer for the past twenty nine years in Europe, North America and South America in engineering geology, hydrogeology and exploration for base metals and precious metals
5. I have personally performed the work described in this report

August 1992


V. Cukor, P.Eng.

APPENDIX

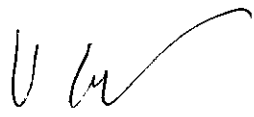
CERTIFICATE OF EXPENDITURE

I, Vladimir Cukor, P. Eng., do hereby certify that:

I have performed geological mapping in the month of May 1992 on the Bolt 1 & 2 mineral claims

I have received from the owner a sum of \$ 650 for the field work and report.

August 1992


V. Cukor, P. Eng.



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) GEOLOGICAL	TOTAL COST \$ 500.00
--	-------------------------

AUTHOR(S) VLADIMIR CUKOR SIGNATURE(S) *V. Cukor*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED MAY 26, 1992 YEAR OF WORK 92

PROPERTY NAME(S) BOLT 1 & BOLT 2

COMMODITIES PRESENT COPPER, GOLD, SILVER

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION NANAIMO NTS 92 F 19W

LATITUDE LONGITUDE

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

BOLT 1 and BOLT 2

OWNER(S)

(1) JAMIR CUKOR (2)

MAILING ADDRESS

6108 Mc Kee ST.
BURNABY, B.C.

OPERATOR(S) (that is, Company paying for the work)

(1) (2)

MAILING ADDRESS

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

VOLCANICS AND LIMESTONES OF KARMUTSEN FORMATION
INTRUDED BY ISLAND INTRUSIONS... CONTACT BETWEEN
LIMESTONE AND INTRUSIVE ALTERED INTO MASSIVE
MAGNETITE SKARN WHICH HOSTS COPPER, GOLD, SILVER
MINERALIZATION.

REFERENCES TO PREVIOUS WORK

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area) Ground Photo	BOLT 1 and BOLT 2	800.00
GEOPHYSICAL (line-kilometres) Ground Magnetic Electromagnetic Induced Polarization Radiometric Seismic Other Airborne
GEOCHEMICAL (number of samples analysed for) Soil Silt Rock Other
DRILLING (total metres; number of holes, size) Core Non-core
RELATED TECHNICAL Sampling/assaying Petrographic Mineralogic Metallurgic
PROSPECTING (scale, area)
PREPARATORY/PHYSICAL Legal surveys (scale, area) Topographic (scale, area) Photogrammetric (scale, area) Line/grid (kilometres) Road, local access (kilometres) Trench (metres) Underground (metres)
			TOTAL COST 800.00

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)
Value of work approved
Value claimed (from statement)
Value credited to PAC account
Value debited to PAC account
Accepted Date	Rept. No.	Information Class

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,467



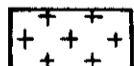
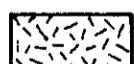



BOLT 2

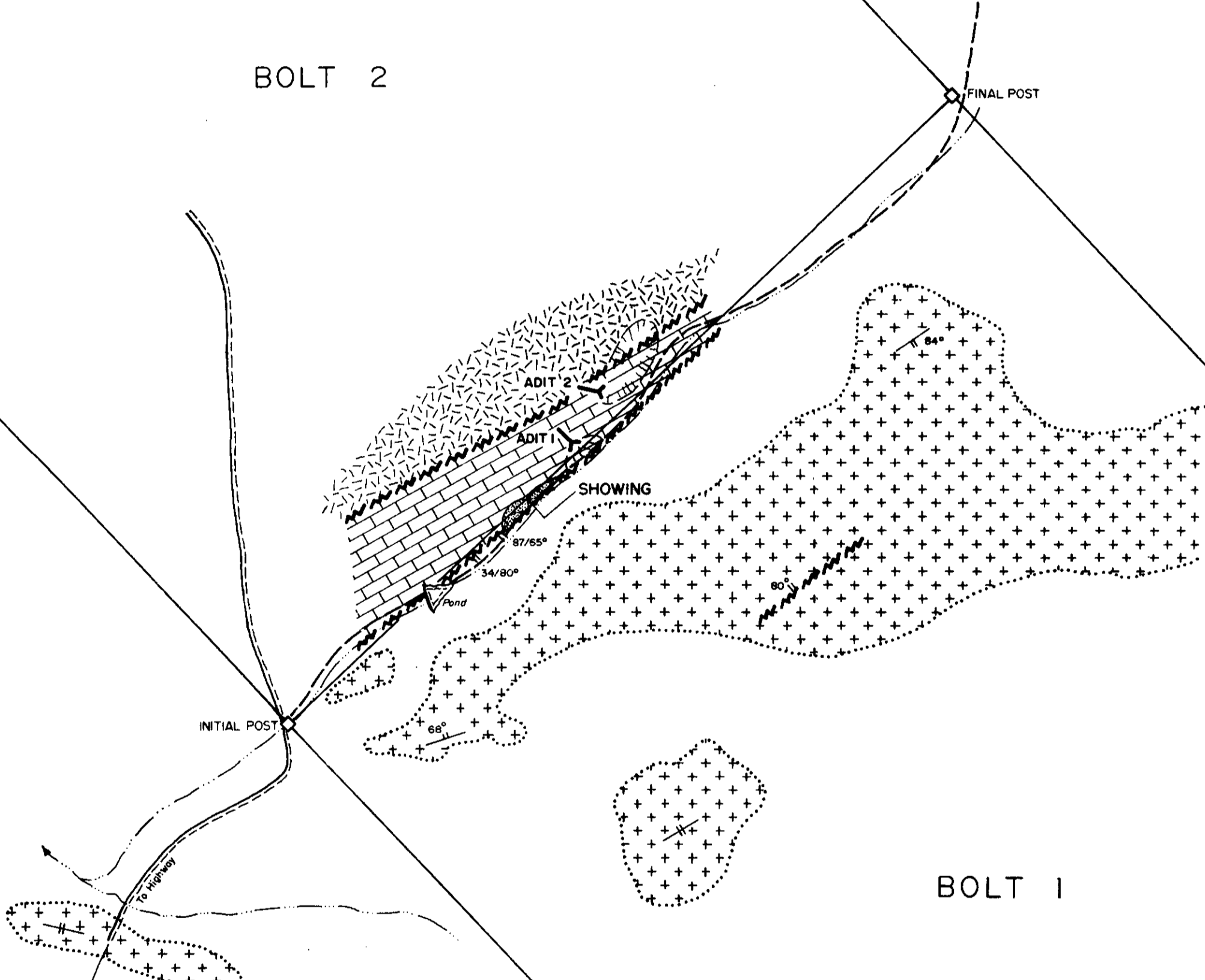
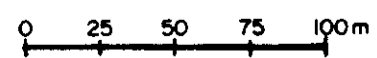
FINAL POST

INITIAL POST

BOLT 1

LEGEND

-  ISLAND INTRUSIONS
Diorite
-  KARMUTSEN FORMATION
Volcanics
-  Limestone
-  Fault
-  Fracture



BOLT CLAIMS

GEOLOGY

NANAIMO M.D. B.C.

NTS 92F/9W

V. CUKOR, P.Eng. - NVC ENGINEERING Ltd. - VANCOUVER, B.C.

DATE: Aug. 1992

SCALE:

FIG. 4