521733

DOME CLAIMS [16 UNITS]
HARRISON ISLAND, JUSKATLA INLET
QUEEN CHARLOTTE ISLANDS, B.C.
Long. 132°22'W Lat. 53°38'N
NTS 103F/9W
SKEENA M. D.

INTRODUCTION

This property is under option to [illegible] Joint Venture from Consolidated Kalco Valley Mines Ltd.

The writer wrote a report on this property dated February 12, 1979, for the Company. 24]

No work has been done on the property since that date.

LOCATION, ACCESS, TOPOGRAPHY 1] 25] 26]

Harrison Island lies in Juskatla Inlet about 4 km northwest of the town of Juskatla.

Access is by boat from either Juskatla, or Port Clement. The island is about 2.5 km long in a NW-SE direction and 1.3 km wide, rising from sea level to a height of 100 metres.

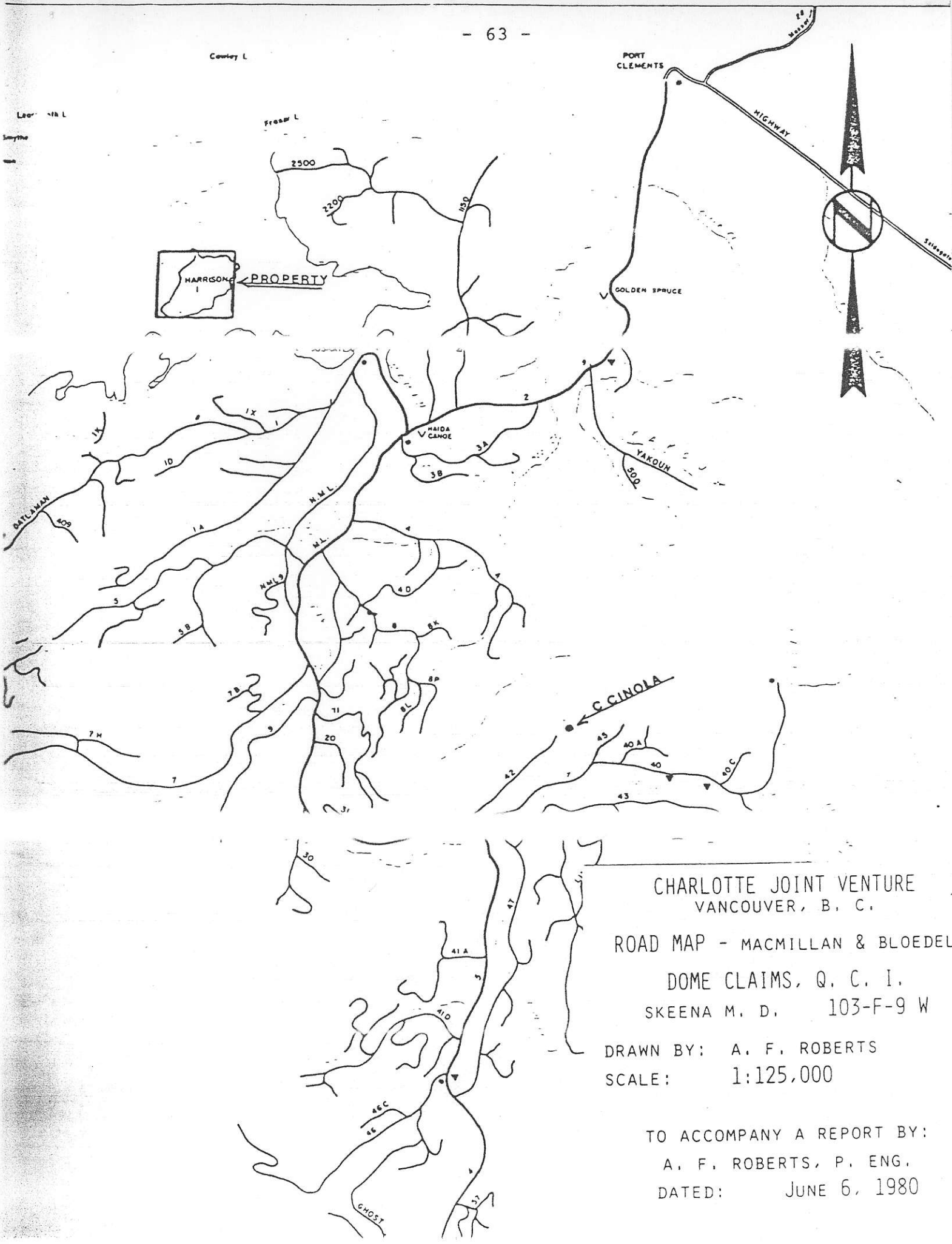
There are several small beaches, one of fair size, elsewhere the land falls immediately into deep water.

Timber is fairly heavy cedar, hemlock and spruce.

24] Report on the Dome Claims [16 units] Harrison Island, QCI, B.C., Skeena M.D., for Consolidated Kalco Valley Mines Ltd., NTS 103F/9W; A.F. Roberts, P.Eng., February 12, 1979.

25] Road Map, MacMillan Bloedel, 1:125,000 [Follows page 15]

26] Topographic Map, Dome Claims, NTS 103F/9W, 1:50,000 [Follows page 15]



CHARLOTTE JOINT VENTURE
VANCOUVER, B. C.

ROAD MAP - MACMILLAN & BLOEDEL

DOME CLAIMS, Q. C. I.

SKEENA M. D. 103-F-9 W

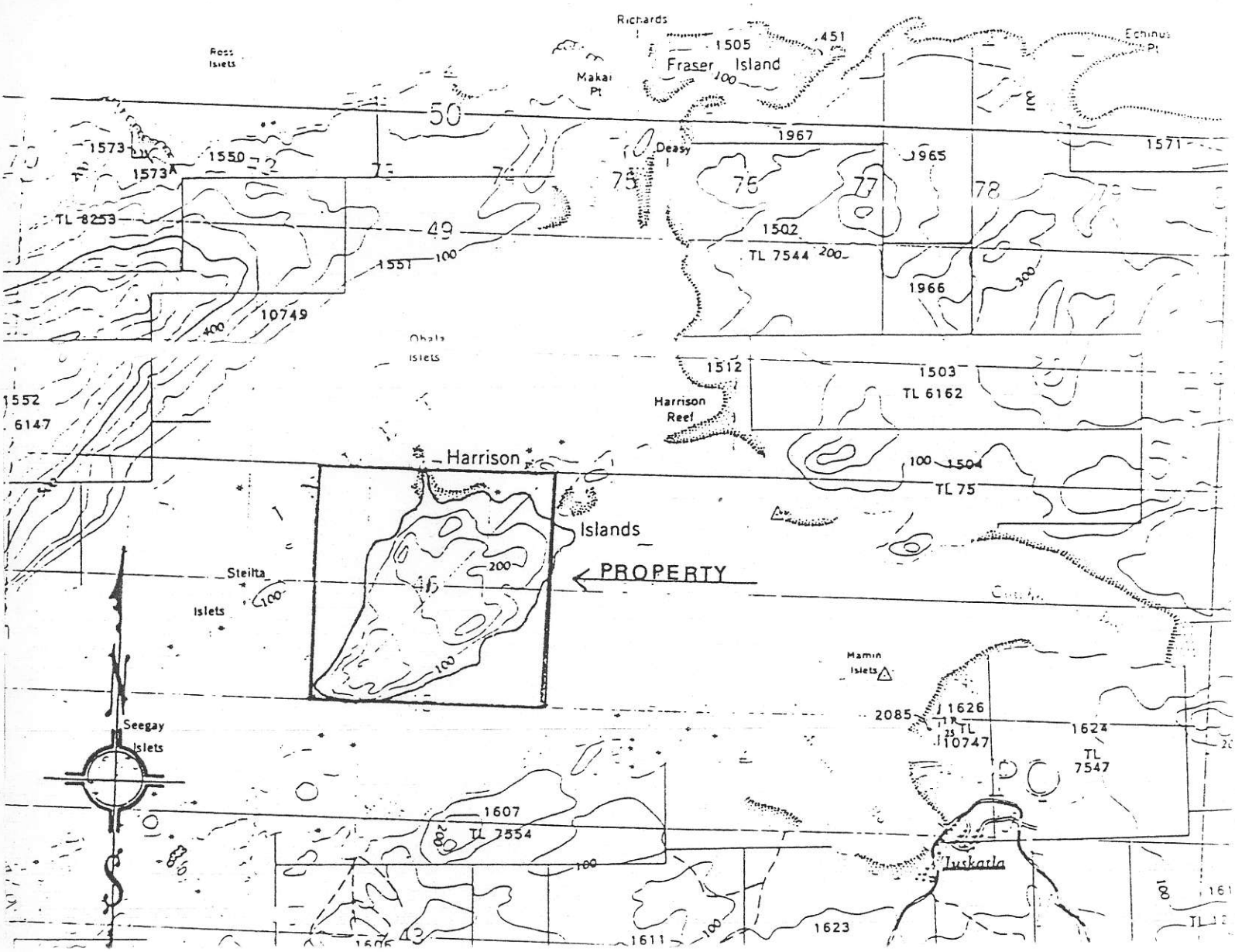
DRAWN BY: A. F. ROBERTS

SCALE: 1:125,000

TO ACCOMPANY A REPORT BY:

A. F. ROBERTS, P. ENG.

DATED: JUNE 6, 1980



CHARLOTTE JOINT VENTURE

VANCOUVER, B. C.

TOPOGRAPHIC MAP

DOME CLAIMS, Q. C. I.

SKEENA M. D. 103-F-9 W

DRAWN BY: A. F. ROBERTS

SCALE: 1:50,000

TO ACCOMPANY A REPORT BY :

A. F. ROBERTS, P. ENG.

DATED: JUNE 6, 1980.

Outcrops are plentiful along the coast, but are sparse inland.

No running water was seen on the examination February 5, 1979.

CLAIM GROUP [27]

The property consists of the Dome 1 - 4 claims, each of four units:

Name	Units	Record Nos.	Expiry Date
Dome 1-4 incl.	16	495-498 incl.	January 6, 1981

The exact location, and the validity of the claims can only be determined by a legal survey.

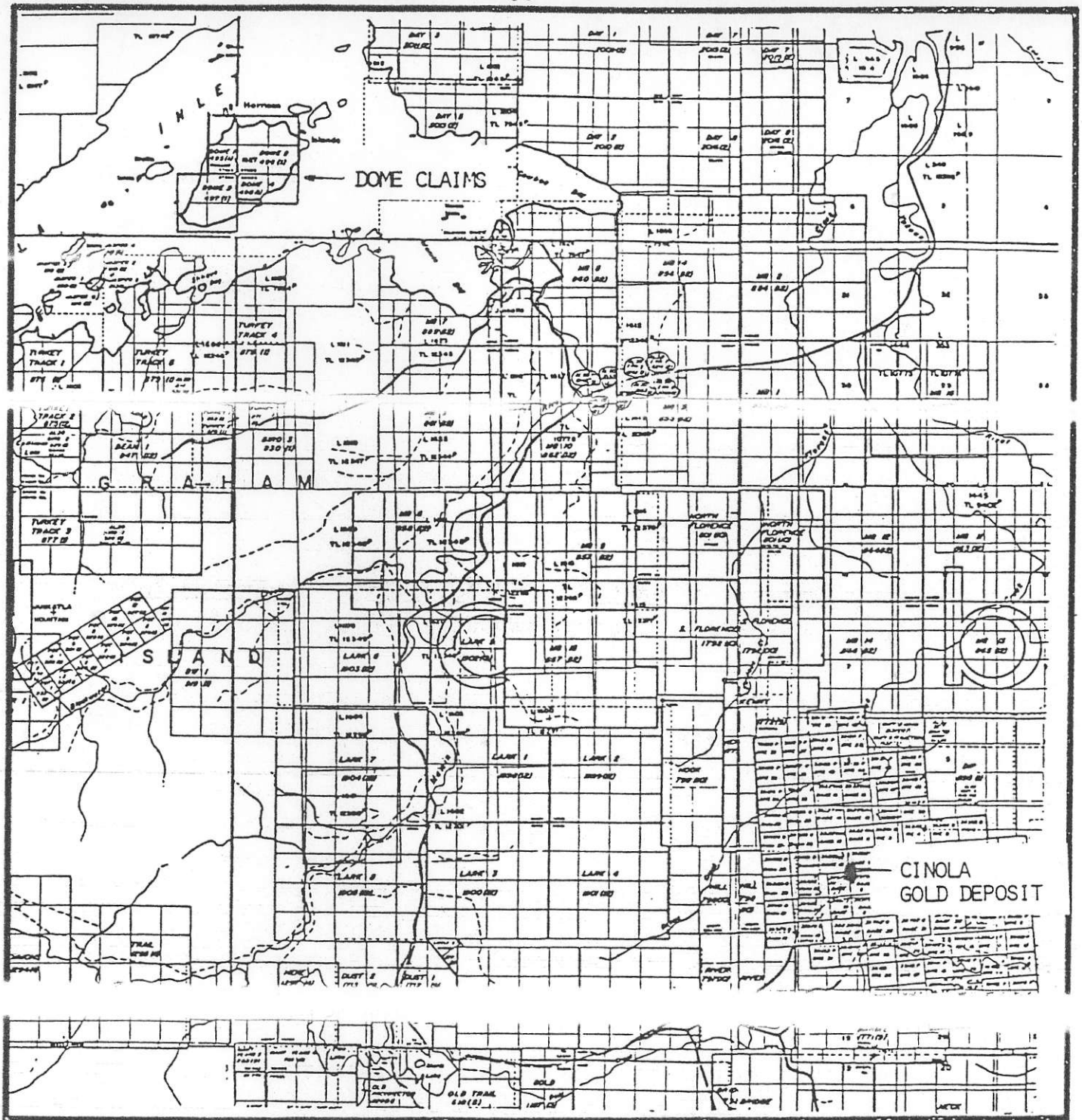
HISTORY

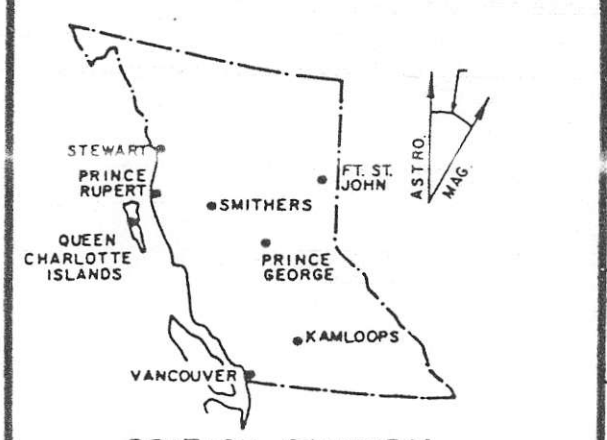
The only mention the writer has seen is a 1916 Memoir by MacKenzie, that a Mr. Robertson found gold in a "bostonitic trachyte", sometimes visible, assaying from

There have been several stakings of the claims since 1960, the last by G. Trinco, April 1971. The writer did not see any signs of past work, although others report signs of old blasting.

27] Claim Map Dome Claim, B.C. Dept. of Mines, 1:5,000, [Reduced scale]

[Follows page 16]





2000 0 2000 4000

1:100,000

LOCATION MAP

DOME CLAIMS, Q. C. I. SKEENA M. D.

AFTER B.C. DEPT. MINES CLAIM MAP

CHARLOTTE JOINT VENTURE VANCOUVER, B.C.

TO ACCOMPANY A REPORT BY:

A.F. ROBERTS, P. ENG. DATED: JUNE 6/80

EVERGREEN EXPLORATIONS LTD.

DRAWN BY: R.W.W.

N.T.S. 103-F-9 W

GEOLOGY [28] [29] [30] [31]

Sutherland-Brown mapped the island as entirely in the rhyolite members of the Paleocene Massett Formation.

Sivertz and Carey did detail work, indicating that the geology is more complicated.

They found siliceous rhyolite tuffs, thin laminations on the southwest end of the island, interbedded with a glassy agglomerate, grading northward into rhyolite flows, and more basic agglomerates and flows.

They strike WSW dipping NW with considerable variation in attitude and strike locally.

Sutherland-Brown mapped a photo linear crossing the island from SW to NE. Sivertz and Carey mapped one on the west coast, with the same bearing, cutting a trachyte found within the rhyolite tuffs.

This trachyte is siliceous and well fractured, carrying jarosite, and some pyrite. They noted chalce-

along the fault scarp.

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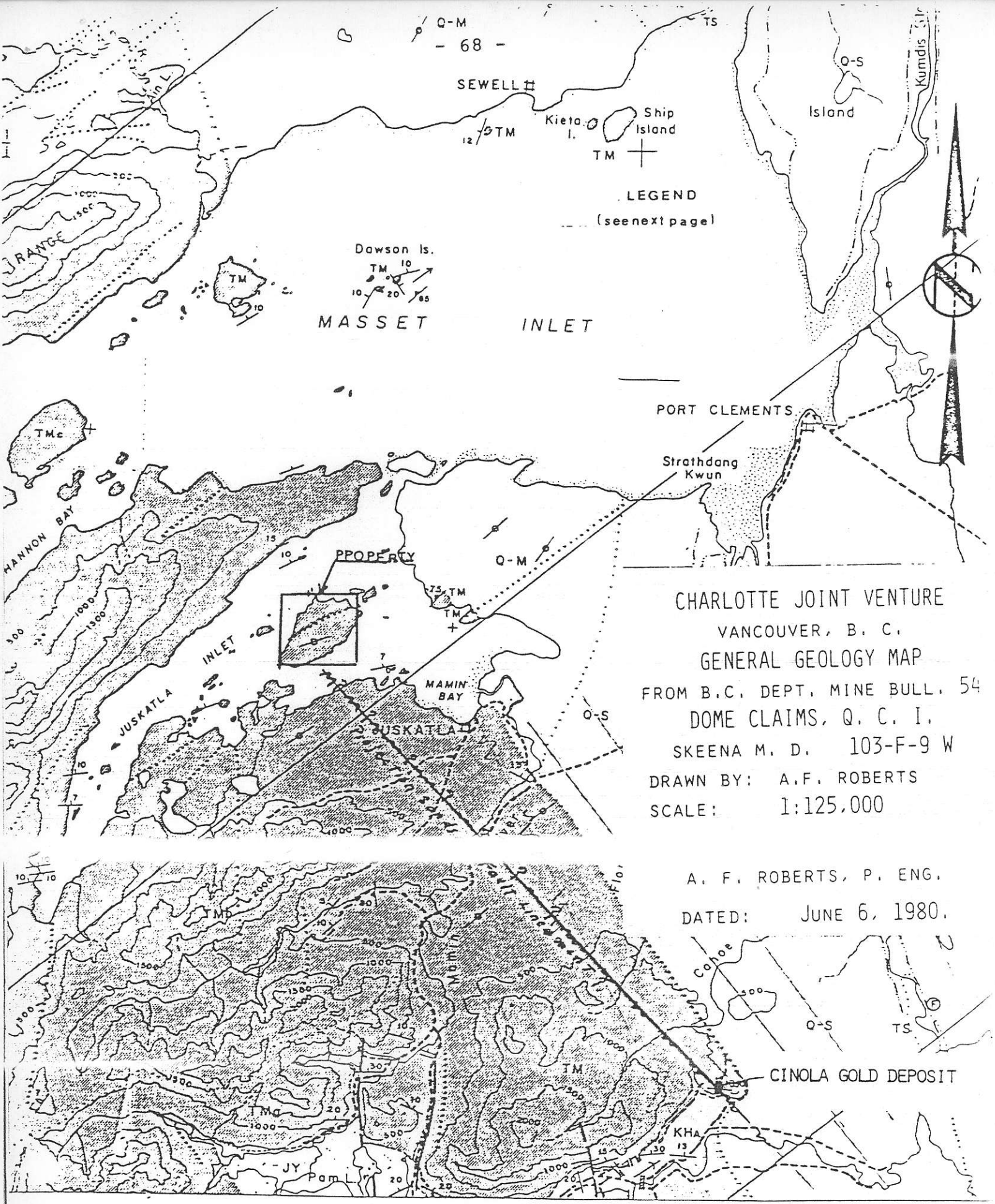
[28] General Geology Map, Dome Claims, Bulletin 54, 1:125,000 with Legend [Follows page 17]

[29] Geology Map, Dome Claims 1:16,000 Sivertz, Carey [Follows page 17]

[30] Sample Map, Dome Claims, 1 cm = 10 m Sivertz, Carey [Follows page 18]

[31] Dome Claims 1-4, Harrison Island, Geology and Geochemical Survey, May 3-8, 1978, G.W.G. Sivertz, B.Sc.; G. Carey, B.Sc. for Prism Resources Ltd. [Assessment Report]



CHARLOTTE JOINT VENTURE

VANCOUVER, B. C.

GENERAL GEOLOGY MAP

FROM B.C. DEPT. MINE BULL. 54

DOME CLAIMS, Q. C. I.

SKEENA M. D. 103-F-9 W

DRAWN BY: A.F. ROBERTS

SCALE: 1:125,000

A. F. ROBERTS, P. ENG.

DATED: JUNE 6, 1980.

15'

For legend see Sheet A

Figure 5, SHEET C

LEGEND

STRATIFIED ROCKS

QUATERNARY

Q — Recent alluvium; Pleistocene till, marine drift, and outwash sands

Q-S Quaternary overlying Skonun Formation

Q-M Quaternary overlying Masset Formation

TERTIARY OR QUATERNARY

TQT — TOW HILL SILLS: olivine basalt

TERTIARY

MIO-PLIOCENE

TS — SKONUN FORMATION: sands, mudstone, sandstone, conglomerate, and lignite

PALEOCENE-EOCENE?

TM — MASSET FORMATION: subaerial basalt flows and breccias, rhyolite ash flows, lesser dacite

TM - Undivided Masset Formation

Divided Tartu Facies

TMc - Basalt member

TMb - Rhyolite member

TMa - Mixed member

Hypabyssal Equivalents

TMd - Feldspar porphyry

TMe - Gabbro-diabase

CRETACEOUS

QUEEN CHARLOTTE GROUP (KS, KHo, KHA)

KS — SKIDEGATE FORMATION: shaly siltstone, feldspathic sandstone, calcareous siltstone

KHo — HONNA FORMATION: conglomerate with granitic cobbles, arkosic grits, minor shale

ALBIAN-TURONIAN

KHA — HAIDA FORMATION: green glauconitic and grey sandstone, grey silty shale and siltstone, buff calcareous siltstone

NEOCOMIAN

KL — LONGARM FORMATION: dark grey calcareous siltstone and fine lithic greywacke, angular fine conglomerate, minor volcanic rocks

VANCOUVER GROUP (ŘKA, ŘKU, JKU, JM, JY)

BAJOCIAN-CALLOVIAN

JY — YAKOUN FORMATION: porphyritic andesite agglomerate and flows, calcareous scoraceous lapilli tuff, volcanic sandstone and conglomerate, minor tuffaceous shale, coal

PLIENSBACHIAN-TOARCIAN

JM — MAUDE FORMATION: grey blocky argillite and shale, grey green lithic sandstone

JURASSIC AND TRIASSIC

KARNIAN-SINEMURIAN

ŘJKU — KUNGA FORMATION: massive grey limestone, flaggy black limestone, flaggy black argillite - undivided

JKU — Flaggy black argillite member, minor limestone

ŘKU2 — Flaggy black limestone member, minor argillite

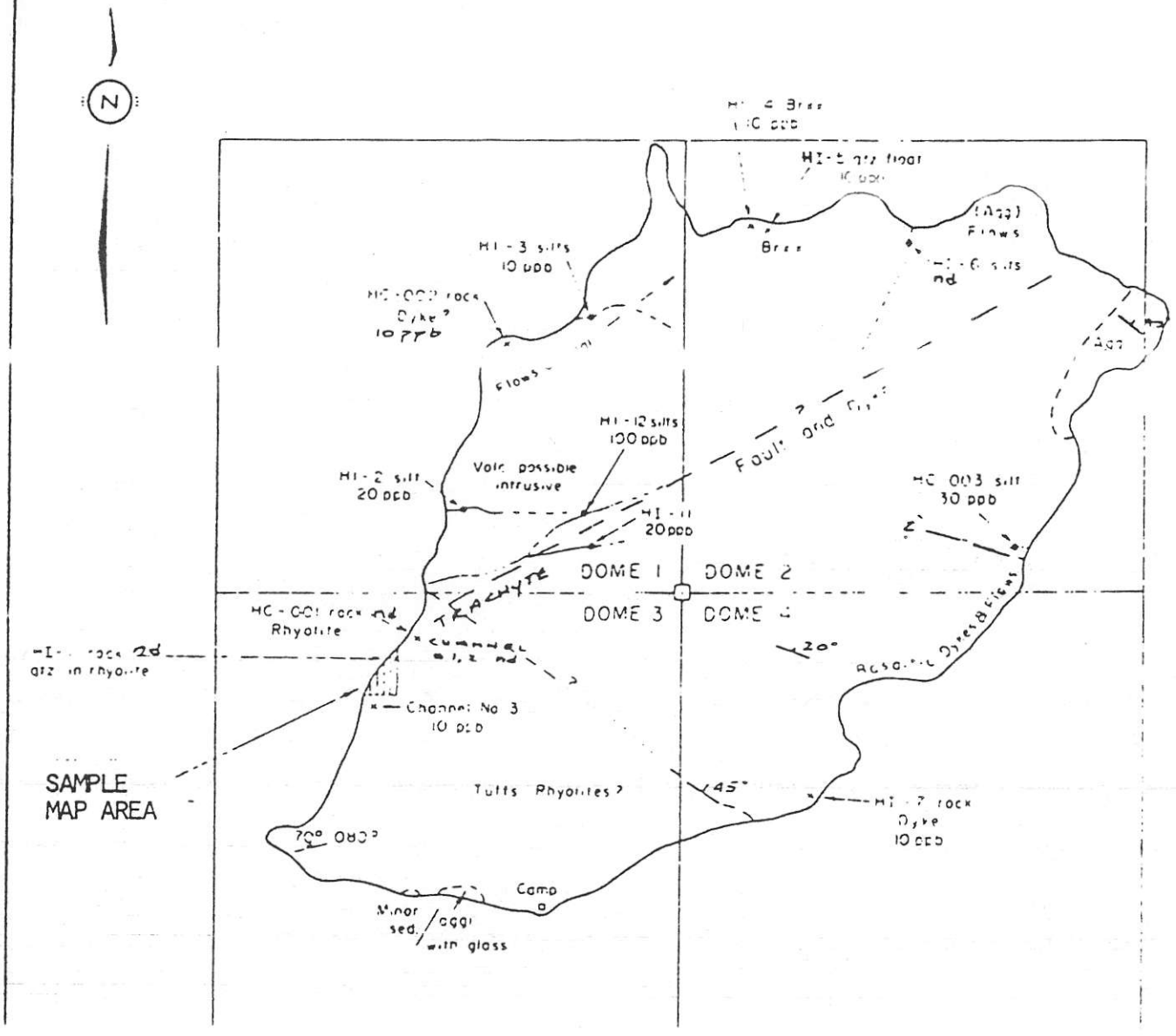
ŘKU — Limestone members - undivided

ŘKU1 — Massive grey limestone member

TRIASSIC

KARNIAN AND OLDER

ŘKA — KARMUTSEN FORMATION: basalt massive flows, pillow lavas, pillow breccia and tuff related sills, mino



CHARLOTTE JOINT VENTURE

VANCOUVER, B. C.

GEOLOGY MAP

AFTER SIVERTZ AND CAREY

DOME CLAIMS

HARRISON ISLAND, Q. C. I.

SKEENA M. D.

SCALE 1 16,000

TO ACCOMPANY A REPORT BY:

A.F. ROBERTS, P. ENG. JUNE 6/80

The above is similar to some sections of the Consolidated Cinola drill core.

The writer's visit aided by their map, confirmed their observations.

The property is on strike with one or more of probable strands of the Sandspit fault, which is thought to have some influence on the mineralization of the Consolidated Cinola property.

MINERALIZATION

The writer found fine pyrite in the trachyte, and rhyolitic areas; and noted some leaching.

Sivertz and Carey took a number of soil samples and rock chips over a fairly extensive area, getting values from zero to 310 ppb [0.011 oz/ton].

These values are certainly encouraging, in the light of the few samples taken; and indicate widespread mineralization.

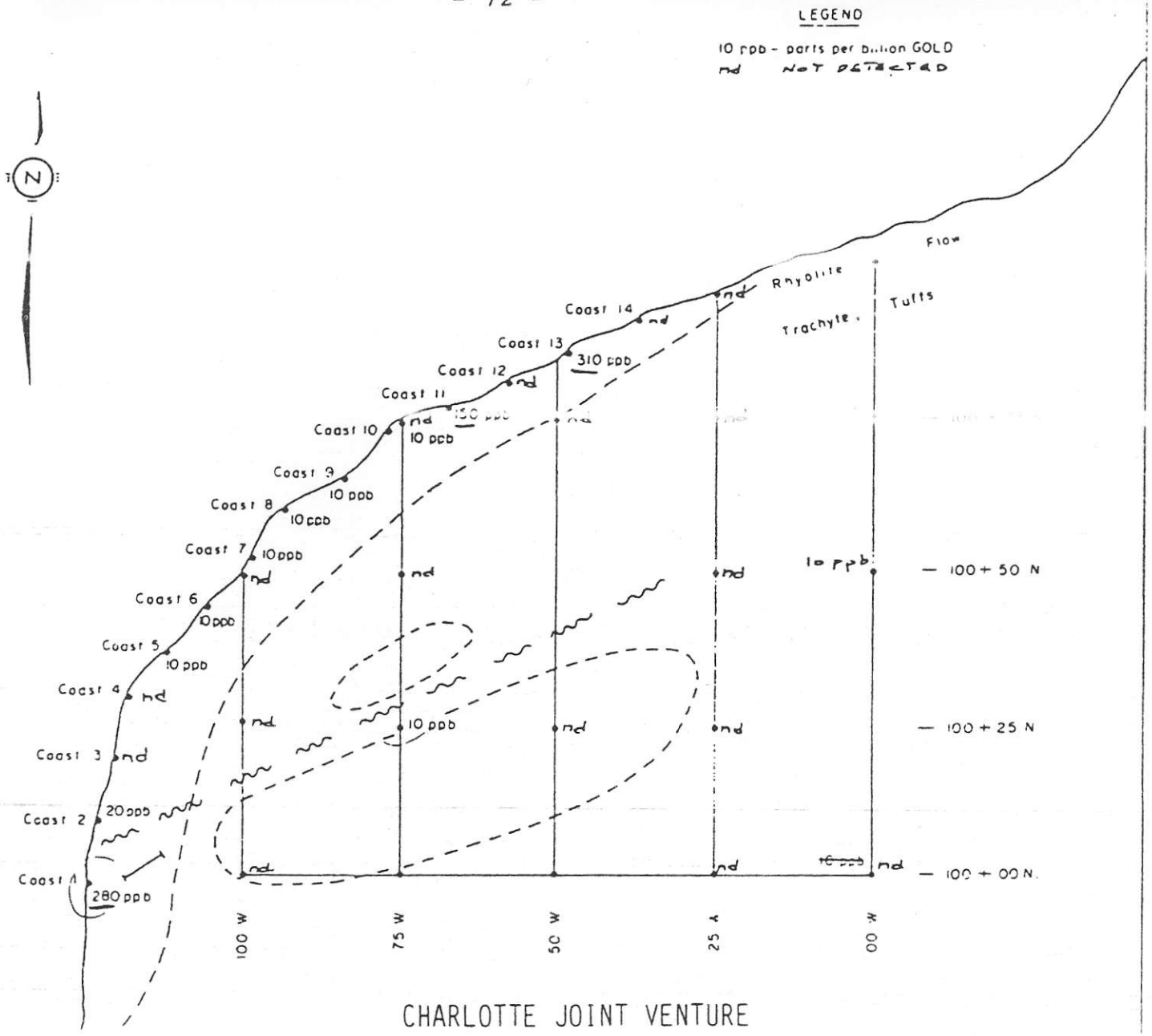
CONCLUSION

Sivertz and Carey, and the writer's experience with the Consolidated Cinola property suggest that this property is a good geological bet for the finding of an economic deposit of open pit gold.

RECOMMENDATIONS

a] Flag a grid as required for control.

b] Take soil samples, preferably "B" horizon, but rock chips where necessary. Assay for gold, arsenic, mercury.



CHARLOTTE JOINT VENTURE

SAMPLE MAP
AFTER SIVERTZ AND CAREY

DOME CLAIMS
HARRISON ISLAND, Q. C. I.

TO ACCOMPANY A REPORT BY:

A.F. ROBERTS, P. ENG. JUNE 6/80

SKEENA M. D.

SCALE IN METRES

10 0 10 20 30 40 50

MAY 10, 1978

c] Conduct an EM-16, and magnetometer survey over the property.

d] Trench and pit as required for geological control and sampling.

e] Map the geology in close detail using the flagged lines for control.

ESTIMATED COSTS

Phase I

a]	Grid Layout, soil samples, $10/sample, 700 samples	$ 7,000.00
b]	Assaying - 700 samples @ $8.75	5,825.00
c]	EM-16, Mag Survey @ $100/km, $28.50/km	2,850.00
d]	Back hoe - pits, trenches, roads, 100 hours @ $90/hour	9,000.00
e]	Mobilization, demobilization	1,500.00
f]	Camp costs, 3 men, 20 days @ $50/day	3,000.00
g]	Engineering, supervision, reports, maps, geological mapping	7,500.00
	Sub-total	36,675.00
	15% contingencies	5,490.00
	Total	$42,090.00
	Say $42,000.00	

Phase II

If supported by success in Phase I, will cost for minimum of 1,000 metres of diamond drilling -	$150,000.00