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GEOLOGICAL MAPPING REPORT
ON
ERIC PROPERTY

NTS 92L/11E
NANAIMO MINING DIVISION
BRITISH COLUMBIA

FOR
INDUSTRIAL FILLERS LTD.

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,761

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES	
Rec'd	SEP 26 1985
SUBJECT	_____
FILE	_____
VANCOUVER, B.C.	

Vanguard Consulting Ltd.

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1.1

INTRODUCTION

At the request of Hans Achermann for Industrial Fillers Ltd., a program of prospecting and geological mapping has been completed on the Eric property by Vanguard Consulting Ltd. Eric property was staked in August of 1987 so as to cover an area of fairly pure, white calcite which had been mapped by H. J. Brown during 1984.

The property was examined by Achermann and Duncan G. Ogden for Industrial Fillers, and by David Coffin of Vanguard Consulting between June 15 and 19 1988. Geological mapping conducted between August 2 and August 9, 1988 for Vanguard Consulting by Cristian Soux. This report details the program and its results, and makes recommendations for further work.

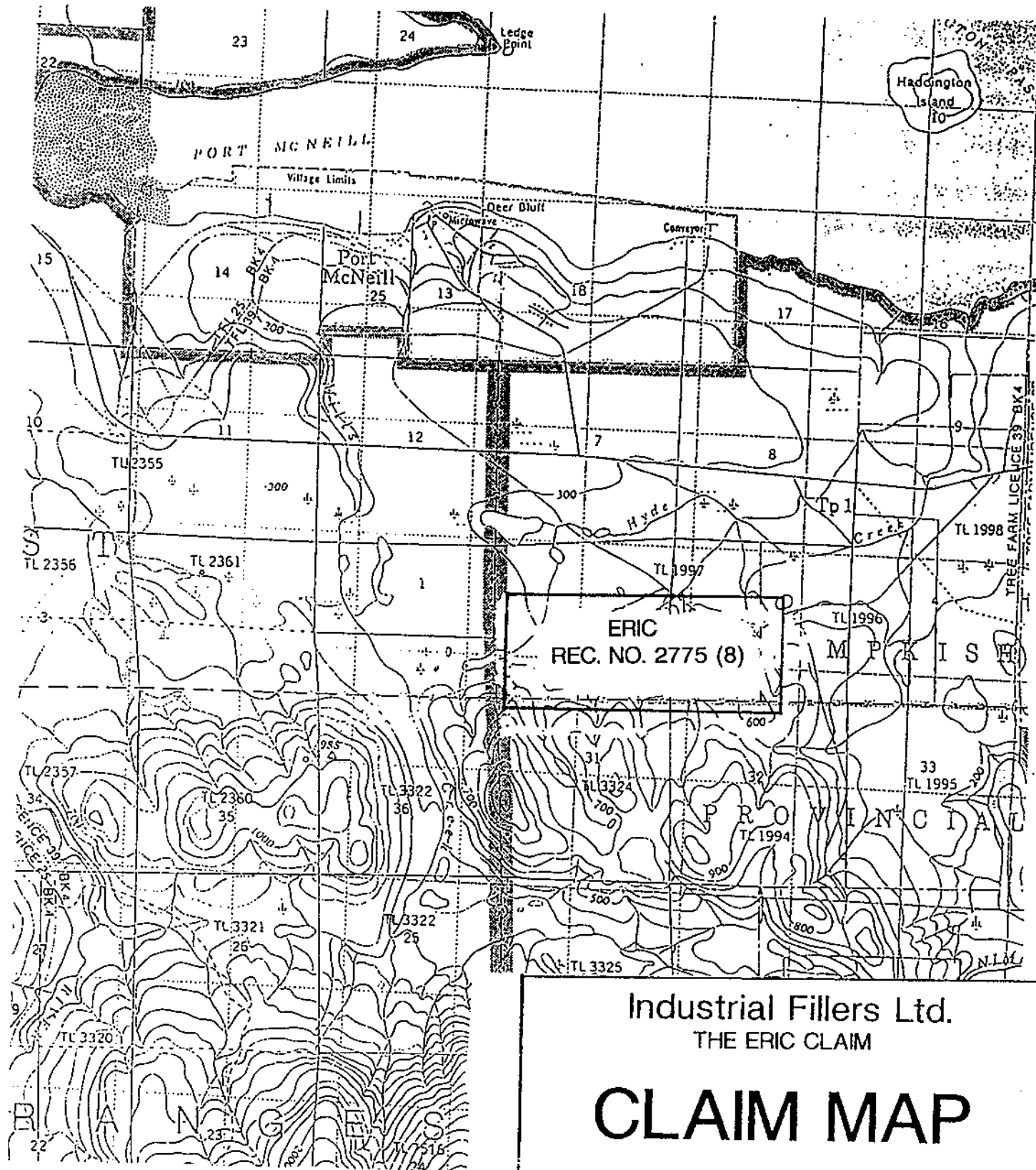
1.2

PROPERTY STATUS

The property consists of one modified-grid system mineral claim, located on title map 92L/11E in the Nanaimo Mining division. Particulars of the claim is as follows:

Claim Name	Record No.	Units	Expiry
Eric	2775(8)	10	25 Aug./88

The claim is registered in the name of Industrial Fillers Ltd. This report will be filed for assessment credit.



Industrial Fillers Ltd.
THE ERIC CLAIM

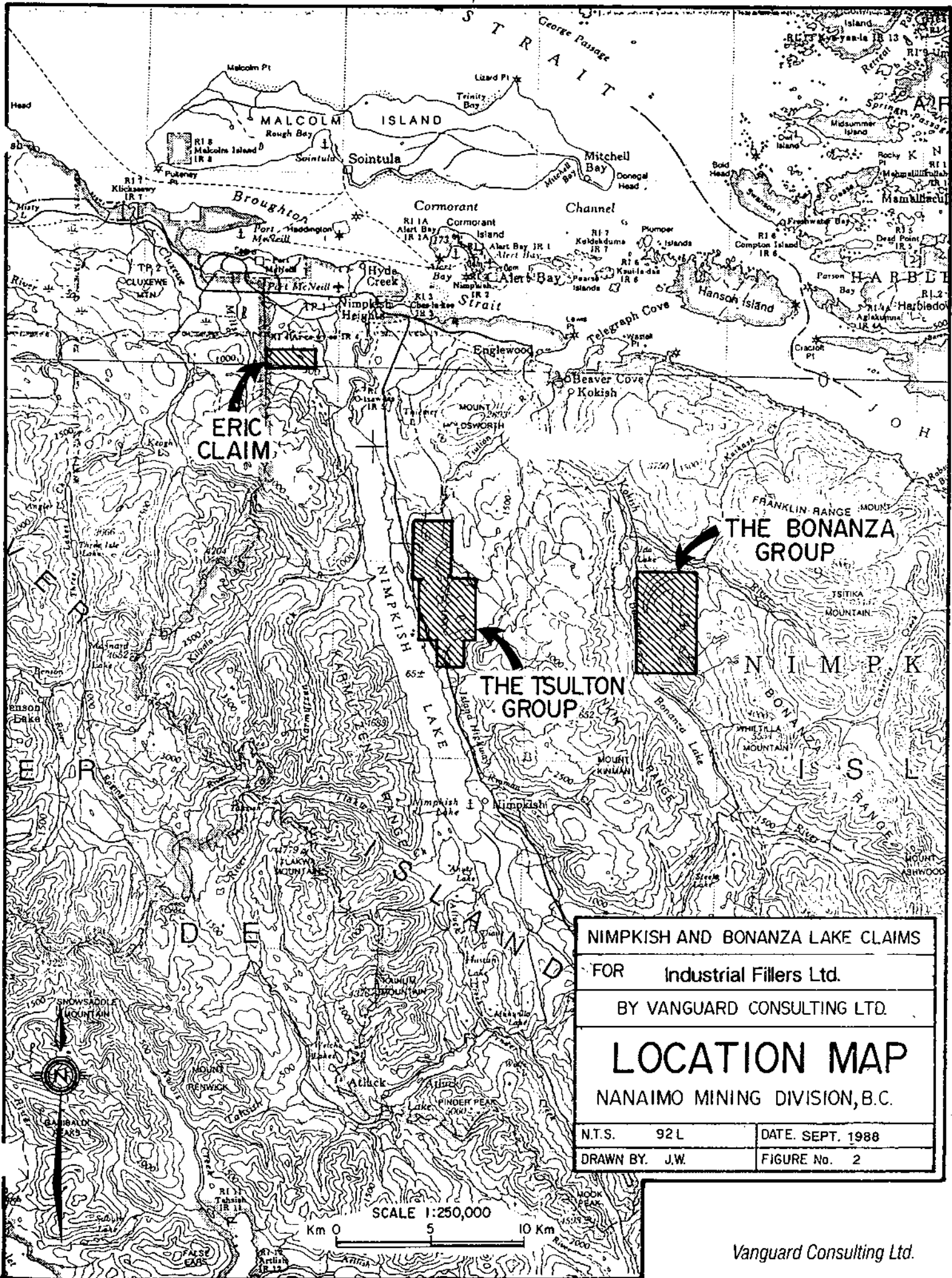
CLAIM MAP

Nanaimo M.D. Figure 1 NTS. 92L/11E

Metres 1000 0 1000 2000 3000
Yards 1000 0 1000 2000 3000

DATE: August, 1988	SCALE: 1: 50,000	COMPILED BY: D.J.C.	DRAWN BY: E.P.C.
REVISED			

Vanguard Consulting Ltd.



NIMPKISH AND BONANZA LAKE CLAIMS
 FOR Industrial Fillers Ltd.
 BY VANGUARD CONSULTING LTD.
LOCATION MAP
 NANAIMO MINING DIVISION, B.C.

N.T.S.	92 L	DATE. SEPT. 1988
DRAWN BY.	J.W.	FIGURE No. 2

SCALE 1:250,000
 Km 0 5 10 Km

Vanguard Consulting Ltd.

1.3

LOCATION and ACCESS

The property is located immediately south of Port McNeill, on Vancouver Island's NorthEast coast. Port McNeil lies approximately 2 air-km or 3 road-km to the north. Port McNeil is capable of providing accommodation and other usual requirements for an exploration program.

Access to the property is gained by driving "north" from Port McNeil along B.C. Highway 19 for a distance of 500 metres, turning south onto MacMillan Bloedel Limited's "East main" and following for a distance of 1 km to the western claim boundary. Logging roads run south from the East main at several points.

Prior to using the road system maintained by MacMillan Bloedel Limited, notification should be made to Bernni Zimmerman at MacMillan Bloedel's Port McNeill office. The system is not currently being used for active logging, though the main lines may be subject to traffic.

1.4

PHYSIOGRAPHY

Eric property occupies a portion of the lowlands of Vancouver Island's NorthEast coast. Elevations on the property range from 110 meters to 200 meters a.s.l. The property is a series of small hills and intervening northerly flowing creeks. The hills are cliff forming, with rounded peaks. Drainage has a trellis pattern; the western most creek was flowing during both the June and August programs. The underbrush is extremely heavy, hampering exploration of much of the property.

The property lies within a humid section of the Coastal physiographic region. Precipitation is heavy, falling largely as rain during winter months.

2.1

REGIONAL GEOLOGY

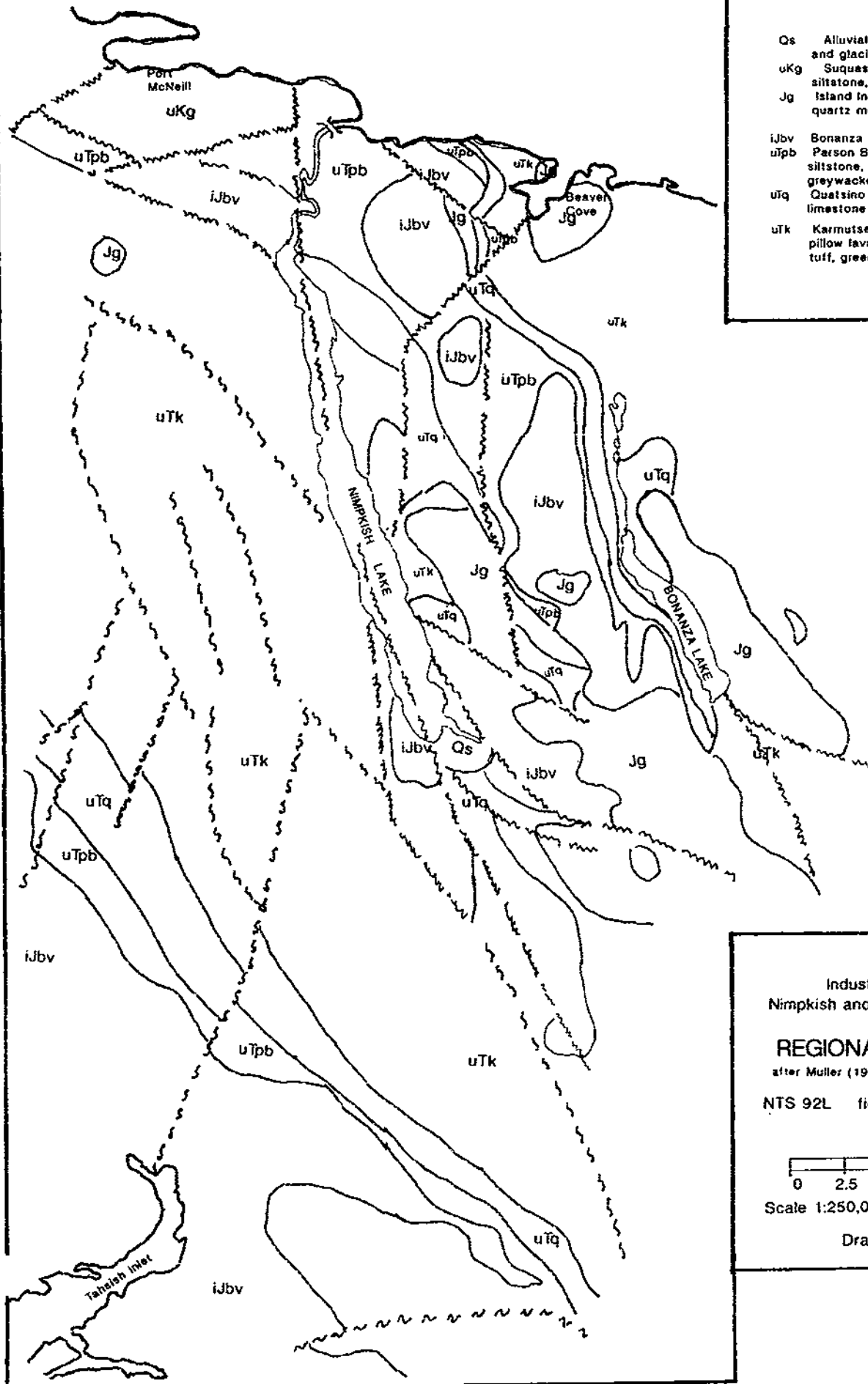
The area is primarily composed of intermediate volcanic sequences of the Karmutsen Formation conformably overlain by Quatsino Formation limestone, both being members of the Upper Triassic Vancouver Group. In some areas Triassic Parson Bay mixed-sedimentary rock and, in turn, Lower Jurassic Bonanza Group intermediate to felsic volcanic rock overlies the Quatsino Formation. All of this rock generally trends to the northwest, displaying a series of open folds.

All of the above units have been intruded by members of the intermediate to felsic Island Intrusions of Upper Jurassic age. These intrusions are felt responsible for both skarn and hydrothermal metal deposits at numerous locations on Vancouver Island.

Major faults tend to lie sub-parallel to the fold structures, although cross-faulting has been mapped.

TABLE OF FORMATIONS

Qs	Alluvial, marine and glacial deposits
uKg	Suqesh Formation siltstone, shale
Jg	Island Intrusions: quartz diorite, granodiorite quartz monzonite, feldspar porphyry
iJbv	Bonanza Group: andesite, tuff, breccia
uTpb	Person Bay Formation siltstone, shale, limestones, greywacke, conglomerate, breccia
uTq	Quatsino Formation limestone
uTk	Karmutsen Formation: basaltic lava pillow lava, breccia, aquagene tuff, greenstone, minor limestone

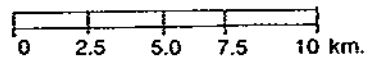


Industrial Fillers Ltd.
Nimpkish and Bonanza Lake Claims

REGIONAL GEOLOGY

after Muller (1973) and Roddick (1980)

NTS 92L figure 3 Nanaimo M.D.



Scale 1:250,000 Date: Sept. 1988

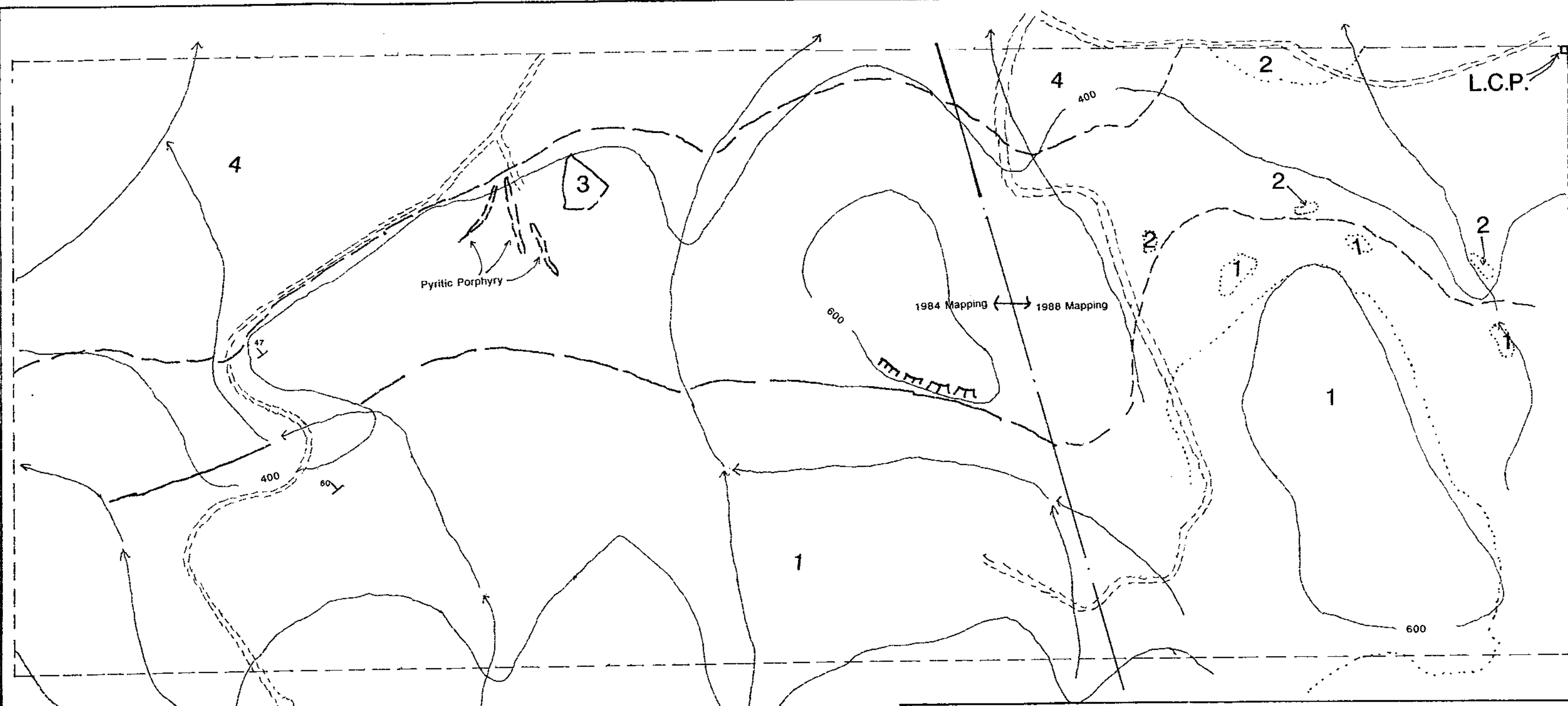
Drawn by: E.P.C.

As mapped by Brown, the property consists of Quatsino limestone in shear contact with undifferentiated Karmutsen basalt and andesite along its southern contact. The southern contact dips to the south. The northern limestone contact is obscured by alluvium. A wedge of fine grained diabase cuts the limestone in the centre of the property.

The limestone is light grey to white in colour, fairly fine grained and has sections of dark grey, cherty and pyritic material.

Geological mapping was conducted by Soux in order to trace the extension of the limestone in the eastern part of the property. The mapping was performed at a scale of 1:6000 in order to accommodate the existing map base. The map is presented as Figure 3.

The mapping indicates that the limestone swings from an easterly to a northeasterly trend, extending off the property in that direction. The unit also appears to pinch prior to being lost under colluvium in this direction. The few limestone outcrops seen were light grey or grey in colour and fine grained. No new map units were encountered. An attempt to define the fault bounding the northern contact was unsuccessful.



Industrial Fillers Ltd.
 THE ERIC CLAIM
PROPERTY GEOLOGY
 NTS 92L/11 Figure 3 Nanaimo M.D.
 SCALE 1: 6,000
 0 60 120 180 240 meters
 Date: Sept. 1988 Compiled by: C.L.S & D.J.C.

TABLE OF FORMATIONS

4 - Till
3 - Diabase
2 - Limestone
1 - Andesite and Basalt

LEGEND

	Outcrop
	Assumed Contact
	Strike/Dip
	Road
	Cliff
	Contour: Interval = 200 ft.

Drawn by: D.J.C. & E.P.C.

Vanguard Consulting Ltd.

3.1

CONCLUSIONS

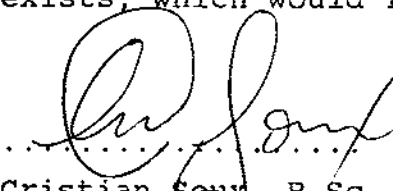
The limestone unit mapped by Brown swings to the northeast and continues off the property in this direction, where it is obscured by colluvium. No evidence was seen of the fault believed to mark the southern limestone/volcanic contact.

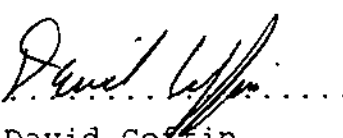
3.2

RECOMMENDATIONS

Analytical sampling of the property should include analysis of the hydrothermal alteration for precious and other metal content. Similar alteration in these units elsewhere contains economic gold mineralization.

A cut line grid should be established in order to provide better control for future work; the awful underbrush on the property makes accurate locating very difficult. The grid could then be used to run magnetometer and VLF-EM surveys to better define contacts, especially on the north side of the property. From the garnered information, a number of trenching sites could be selected which would cut the stratigraphy at various points in order to determine if a suitable thickness of white limestone exists, which would require drill testing.


.....
Cristian Sousa, B.Sc.
03/90/88


.....
David Coffin
03/09/88

REFERENCES

- Brown, H.J. June 1984 Geology of the Port McNeill(sic)
Quarry Area MAP ONLY;
Private report.
- Gunning, D.F. May 1980 Assessment Report....Claims IMA4
and IMA5, Nanaimo Mining Division;
International Marble & Stone Co.
Ltd.
- Gunning, H.C. & 1929/31 Geology of Nimpkish Map Sheet @
Hoadley, J.W. 1952 1" = 1 mile; GSC map 1029A
- Muller, J.E. & 1973 Geology of Alert Bay - Cape Scott @
Roddick, J.A. 1980 1:250,000; GSC map 1552A

APPENDIX A

COST BREAKDOWN

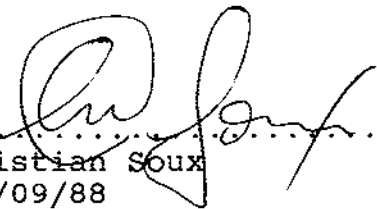
Geological mapping: 3 days @ \$250.00	\$ 750.00
Vehicle rental 3 days @ \$60.00 (inc. fuel & mileage)	180.00
Meals And accomodations 3 days @ \$55.00	165.00
Report writing 1 day @ \$305.00	305.00
TOTAL COSTS	<u>\$1,400.00</u>

APPENDIX B₁

CERTIFICATE

I Cristian Soux, of Ladner B.C., certify that:

- 1) I am an independent consulting geologist, contracted for the term of this project to Vanguard Consulting Ltd. of 706-675 West Hastings St., Vancouver B.C.
- 2) I graduated from the University of British Columbia with a Bachelor of Science degree in 1972.
- 3) Since graduation I have been involved in mineral exploration programs in Canada, Bolivia, Malaysia, Indonesia, Thailand and Ethiopia, including consulting in applied mineralogy to the United Nations.
- 4) This report is based upon field work conducted by myself from August 2 to 9, 1988.
- 5) I hold no interest in the property or in its owner.

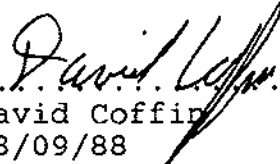

.....
Cristian Soux
03/09/88

APPENDIX B₂

CERTIFICATE

I David Coffin of Vancouver, B.C. certify:

- 1) I am a consulting explorationist with the firm of Vanguard Consulting Ltd. at 706-675 W.Hastings St., Vancouver, B.C.
- 2) I attended the Haileybury School of Mines, Ontario, in the department of Mining Technology, from 1975 to 1976.
- 3) Since 1974 I have worked in a variety of jobs in the Canadian mineral exploration field including regional and detailed prospecting, detailed geological mapping, core logging, property management and program development.
- 4) This report is based upon field conducted by myself during the period June 15 to July 29, 1988.
- 5) I hold no interest in the property or its owner.


.....
David Coffin
03/09/88