

87-62-15551

1/88

PROSPECTING REPORT

On the

BAYCREST GROUP MINERAL CLAIMS

WARN BAY - ALBERNI MINING DIVISION

NTS 92F/5E

FILMED

Lat. 49° 16' N

Long. 125° 44' W

by

Walter Guppy

-

Owner/Operator

February 1987

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,551**

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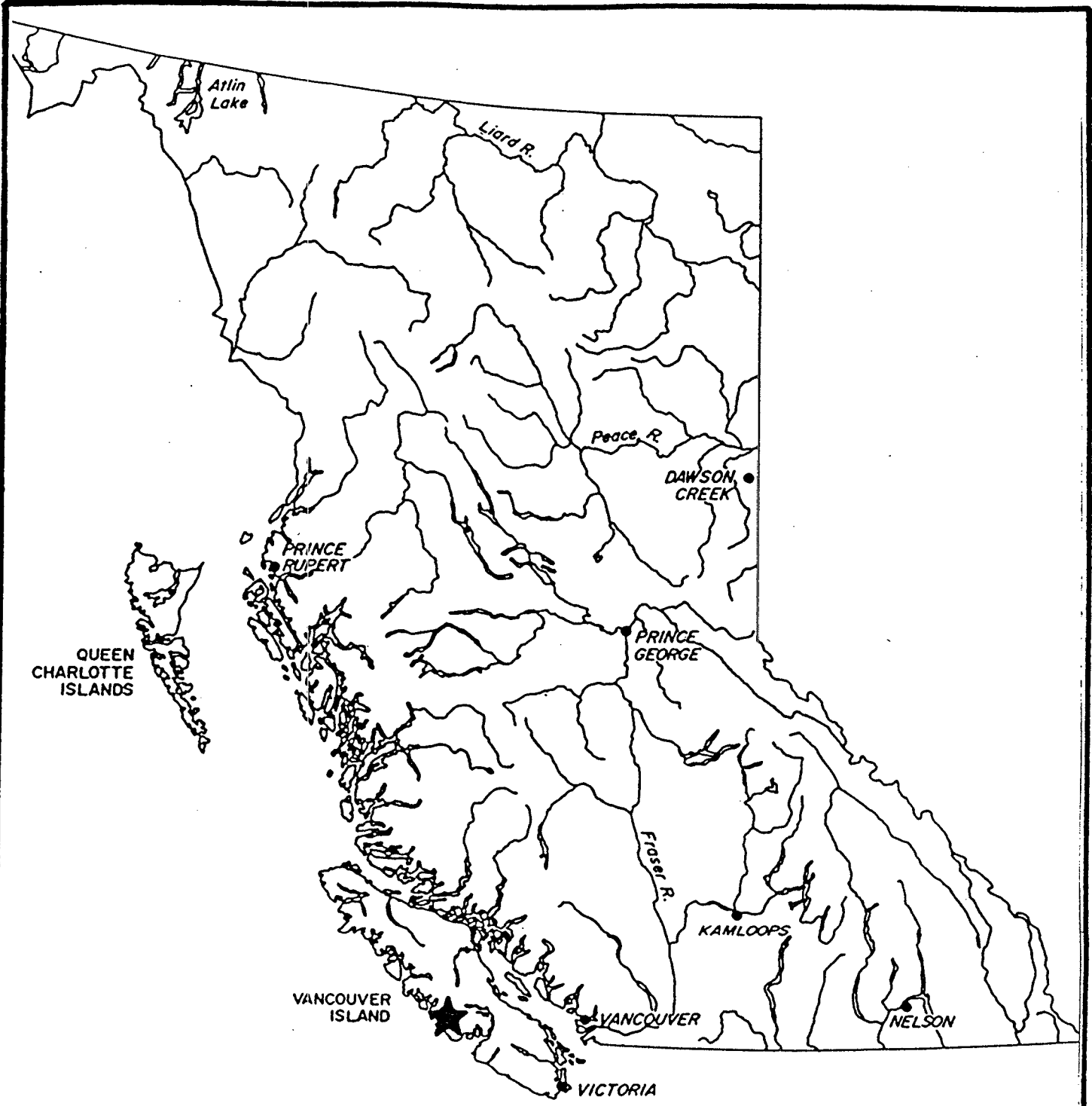
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INDEX MAP

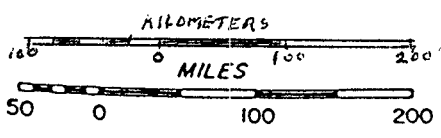
BAYCREST GROUP MINERAL CLAIMS

ALBERNI M. D.

NTS 92F/5

FIGURE 1

Scale as shown



## INTRODUCTION

Prospecting and geochemical investigations were carried out on the Baycrest, Baycrest #2, and Baycrest #3 Mineral claims discontinuously during the months of May to September 1986.

17 soil and silt samples were collected along logging road M.B. F500 (See Fig. 3) and from creeks flowing from the easterly part of the claim group and sent to a commercial laboratory for analysis (Appen.A) Creeks draining the area were prospected for float and examined to determine rock types present. At the same time silt samples were collected. Traverses were made along the side-hills on the easterly part of the claim area and along logging roads. The two old prospects on the claims, the Free Gold at about 300 meters elevation on the easterly part of the claims and the Maple Leaf or Moscena about 3 kilometers up Bulson Creek on the westerly part were explored.

Prospecting was directed toward investigation the possibilities of the old prospects, searching for other gold-bearing quartz veins in the area and exploration for indications of massive-sulphide deposits particularly in the Sicker Group Volcanics occurring on the south-easterly part of the claims.

## LOCATION AND ACCESS

The Baycrest claim group is located at the mouth of Bulson Creek, north-east of Tofino about 15 kilometers by air or 20 kilometers by water transportation. The property is also accessible by logging road from MacMillan Bløedel's Rankin Cove camp on Tofino Inlet to the south-east.

## PHYSIOGRAPHY

The claim group occupies the western slopes of the mountain range between Warn Bay and Tranquil Creek and an area to the north of Warn Bay dominated by two rocky knolls rising from sea level to elevations of 200 meters. Bulson Creek occupies a gorge between these knolls. The over-all range of elevations of the claim area are from sea-level to about 1000 meters.

### PHYSIOGRAPHY CONT.

The slopes above Warn Bay and Bulson Creek have been logged over to elevations of about 150 meters at the southern boundary of the claims to over 250 meters above a spur off road F500 to the north. This area is being rapidly overgrown with second-growth timber, alder and brush. Higher elevations are mainly forested except where there are talus slopes or rock-bluffs. The small creeks that cascade down these slopes are in steep-sided canyons in some sections.

Bulson Creek flows from the north-west through a steep-walled canyon to the point where it enters the estuary at the head of Warn Bay. A tributary stream flows into Bulson Creek from the east, just above tidewater. The lower section of this creek forms several flood-channels through the wide timbered flat. All streams in the area are subject to rapid rises during wet weather and Bulson Creek, being confined to a narrow gorge, rises to a considerable height above normal water level.

### HISTORY

The two old gold prospects on the claims were discovered during the wave of prospecting activity, all along the coast, that followed the Zeballos gold boom of the late thirties. Work on the properties at Warn Bay continued until war measures regulations curtailed operations in 1942.

### NOTES ON PROSPECTING

Prospecting covered by this report was directed towards: (1) Investigating the possibilities of the old prospects; (2) the search for other gold-bearing veins and (3) exploring the possibility of finding massive-sulphide deposits in the Sicker Group Volcanics which, according to GSC mapping, underlies the south-easterly part of the claim area.

The old prospects were found with the help of existing mapping in previous reports and a local knowledge of the area. The old trails were overgrown and obliterated in some sections by windfalls and brush and by logging operations in the lower sections. The access trail to the Free

Gold is steep and difficult. The old trail to the Maple Leaf, through the Indian reserve on the west side of the Bulson Creek estuary, is overgrown so a connecting trail was located from a newly constructed logging bridge across the mouth of the creek to link up with this trail where it skirts the ridge above the canyon. This necessitates a steep climb but, when the logging road is extended, as a survey line indicates that it will be in due course, access to the Maple Leaf will be relatively easy.

The underground workings of the Maple Leaf (or Moscena) were examined more with a view to investigating the possibilities of rehabilitation than evaluating the vein because data available in Assessment Work Report No. 12026 provides sufficient assay data to evaluate the extent of the veins exposed in existing drifts. (See Fig. 5)

Surface prospecting did not uncover any other significant mineralization. Some narrow and apparently barren quartz veins were found but they did not appear to be worth working on. One piece of float, heavily mineralized with pyrite, was found on road F500 at about 100 meters elevation. Roasted thoroughly in a wood fire, crushed and panned, it yielded enough gold to indicate a grade of several ounces per ton. Soil samples taken at 50 meter intervals along road F500 ranged up to 48 ppb gold and can be considered as being anomalous. A silt sample from the creek flowing from the Free Gold prospect, some distance downstream, assayed 705 ppb (designated as LNE 1 on assay sheet). The two creeks to the north and south of this one (LNE 2 and LYN) with 26 ppb and 60 ppb respectively, could also be considered as being anomalous. No float of interest was found in these creeks except a large angular fragment of magnetite on the north side of LNE 1. In general however, these creeks are either boulder-filled or too steep and rough to follow up the creek bed.

The Maple Leaf and Free Gold vein structures are at or near the contact between Sicker Group volcanics and intrusive rocks designated as "Westcoast Diorites" by Muller (GSC Paper 68-50). Much of the claim area south west of this contact, -except for the canyon of Bulson Creek which gives a good exposure - is drift covered or under a thick layer of glacial till. Consequently the possibilities for prospecting this area are not encouraging.

## ECONOMIC POTENTIAL

The best possibility for developing a commercially viable ore-shoot would appear to be in "E" vein, of the Maple Leaf workings, beyond the face in the easterly heading. Considering the amount of work that has already been done, it would seem that further expenditure to explore this vein beyond the present face should be justified. Figure 5 of this report, taken from Assesment Work Report #12026, shows an assay of 0.408 ounces per ton across 18 inches at this face, which is the only encouraging assay indicated. When the Macmillan Bloedel logging road is extended up Bulson Creek to a point opposite the old campsite - as it is presumed that it will be in the near future - access to this workings will be relatively easy.

There may also be some possibilities in "high-grading" the Free Gold vein. Perhaps a better access route could be developed from road F 500 to a point on the creek below the present adit and a cross-cut driven to the vein. A "cat" road along this hill side would also facilitate prospecting and it is quite likely that other narrow high-grade veins would be found there.

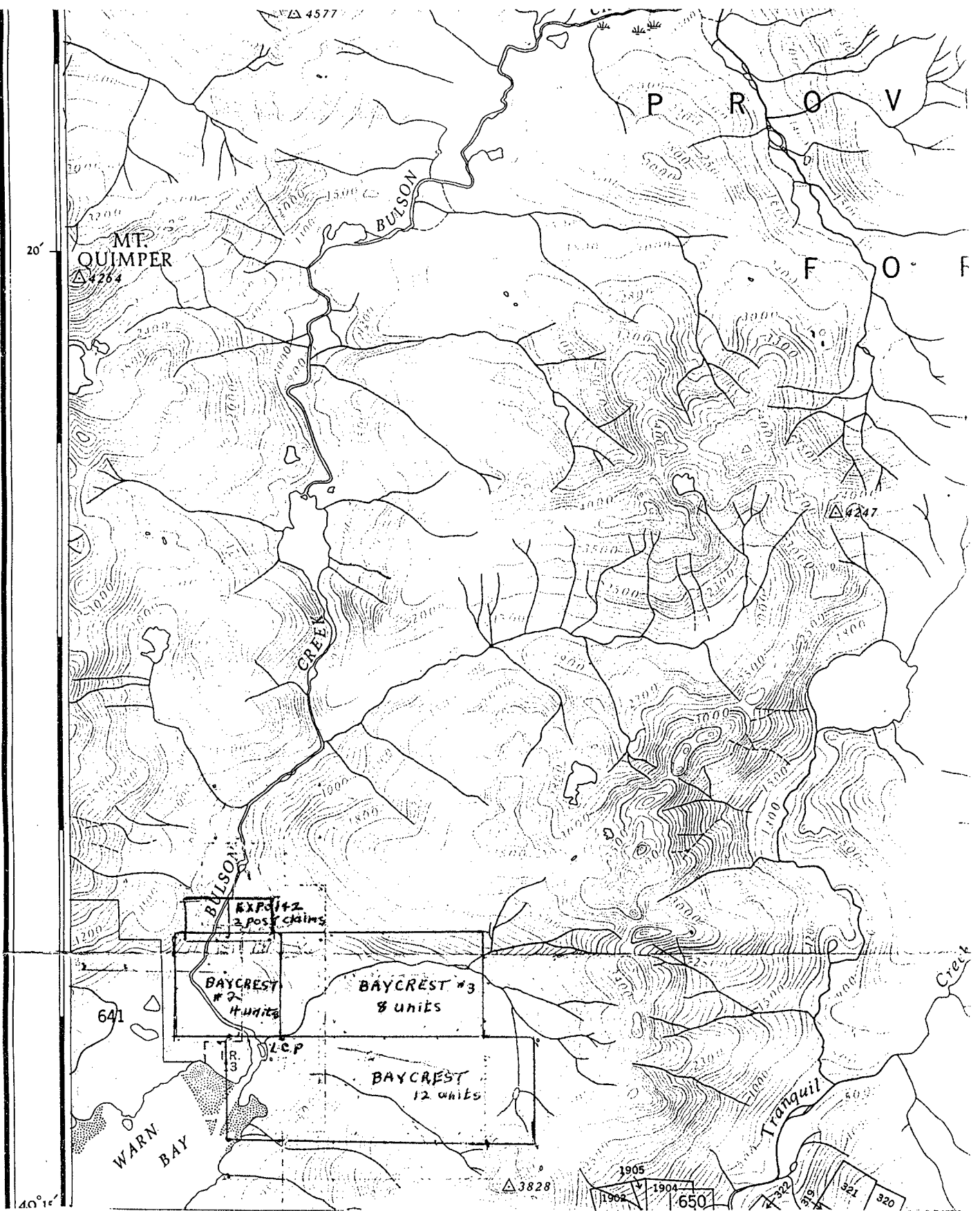


FIGURE 2  
 CLAIM LOCATION MAP



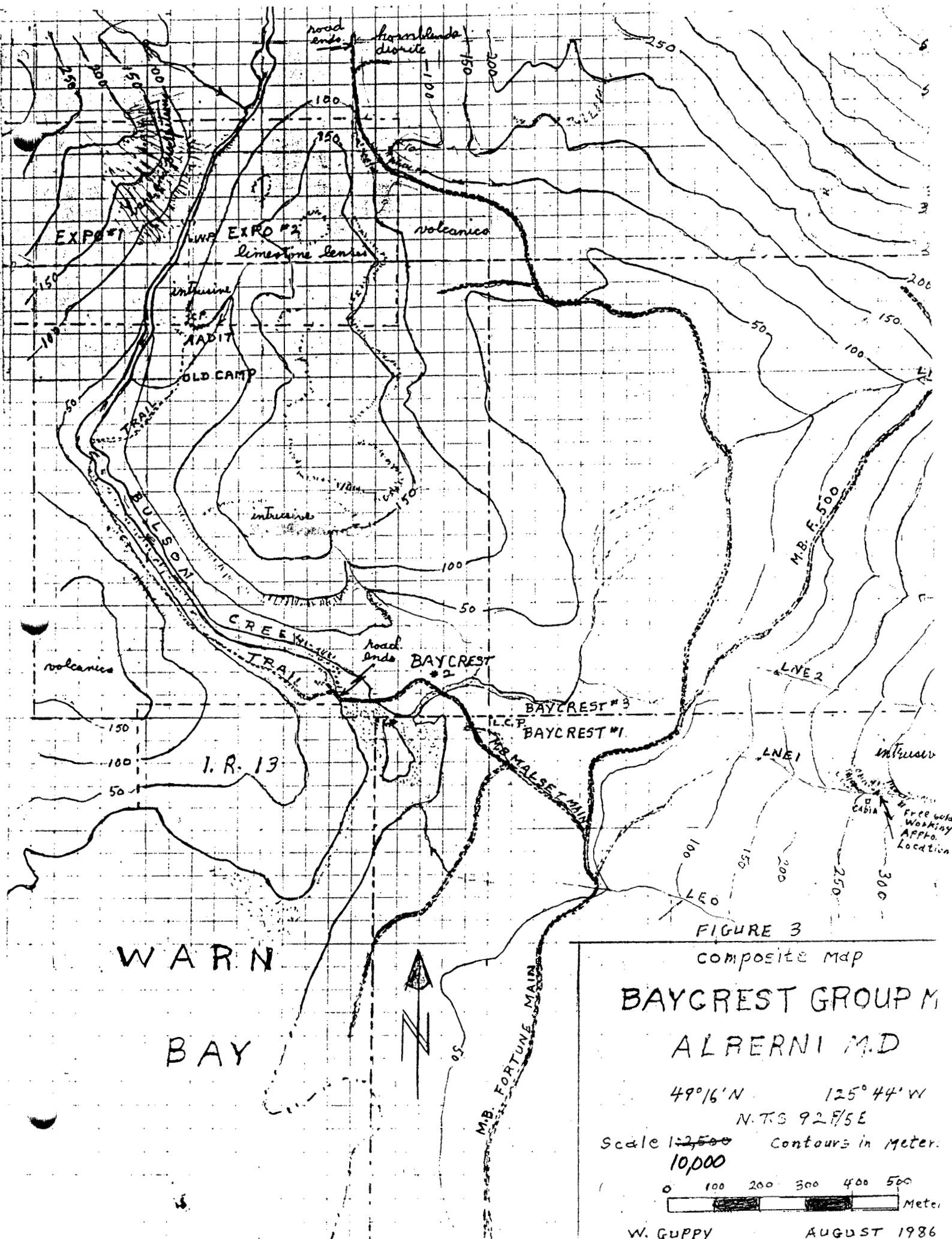


FIGURE 3

composite map

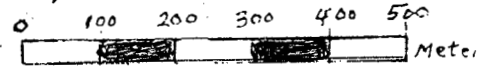
**BAYCREST GROUP M.  
ALBERNI M.D.**

49°16' N      125°44' W

N.T.S 92 F/5 E

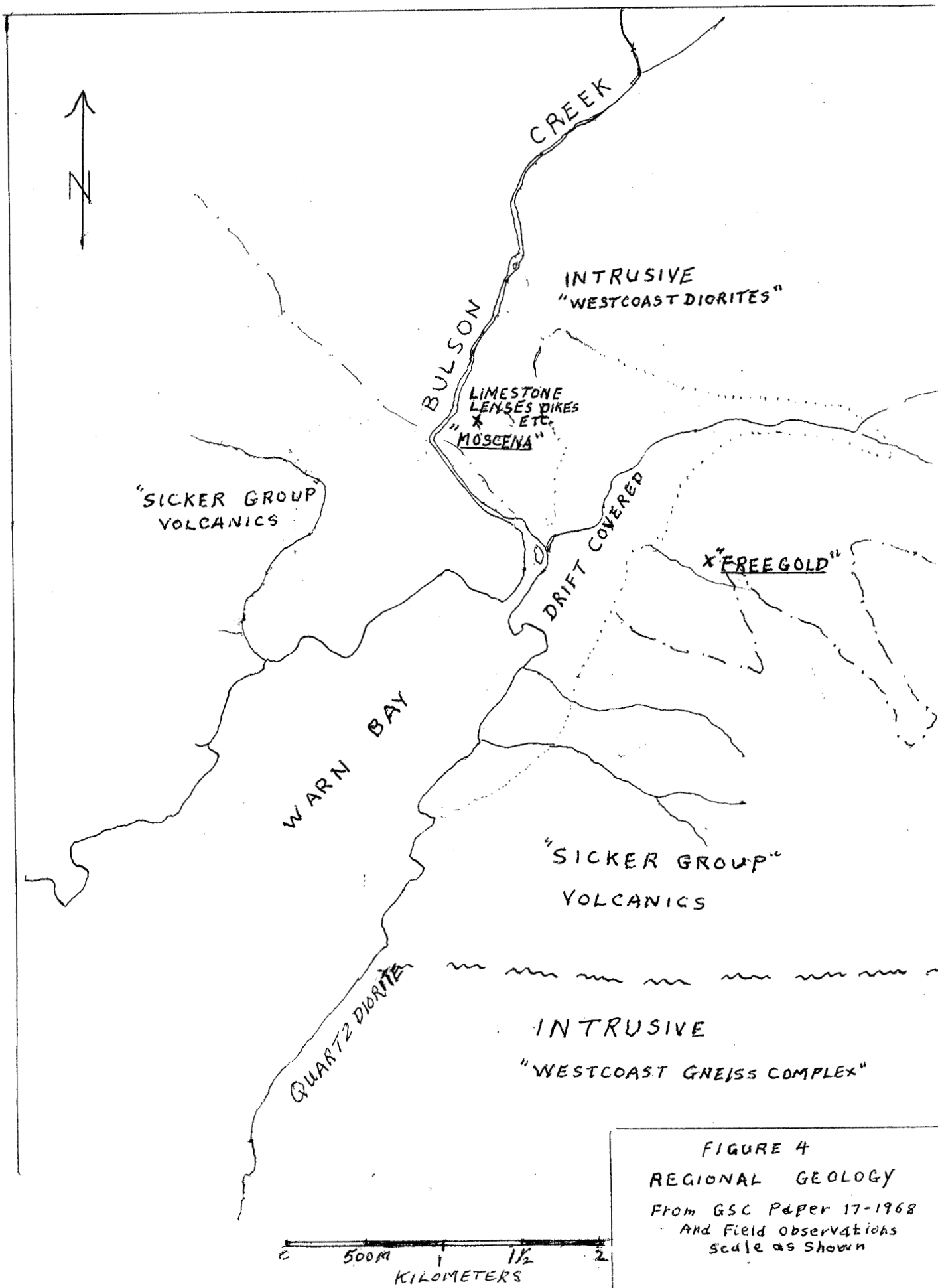
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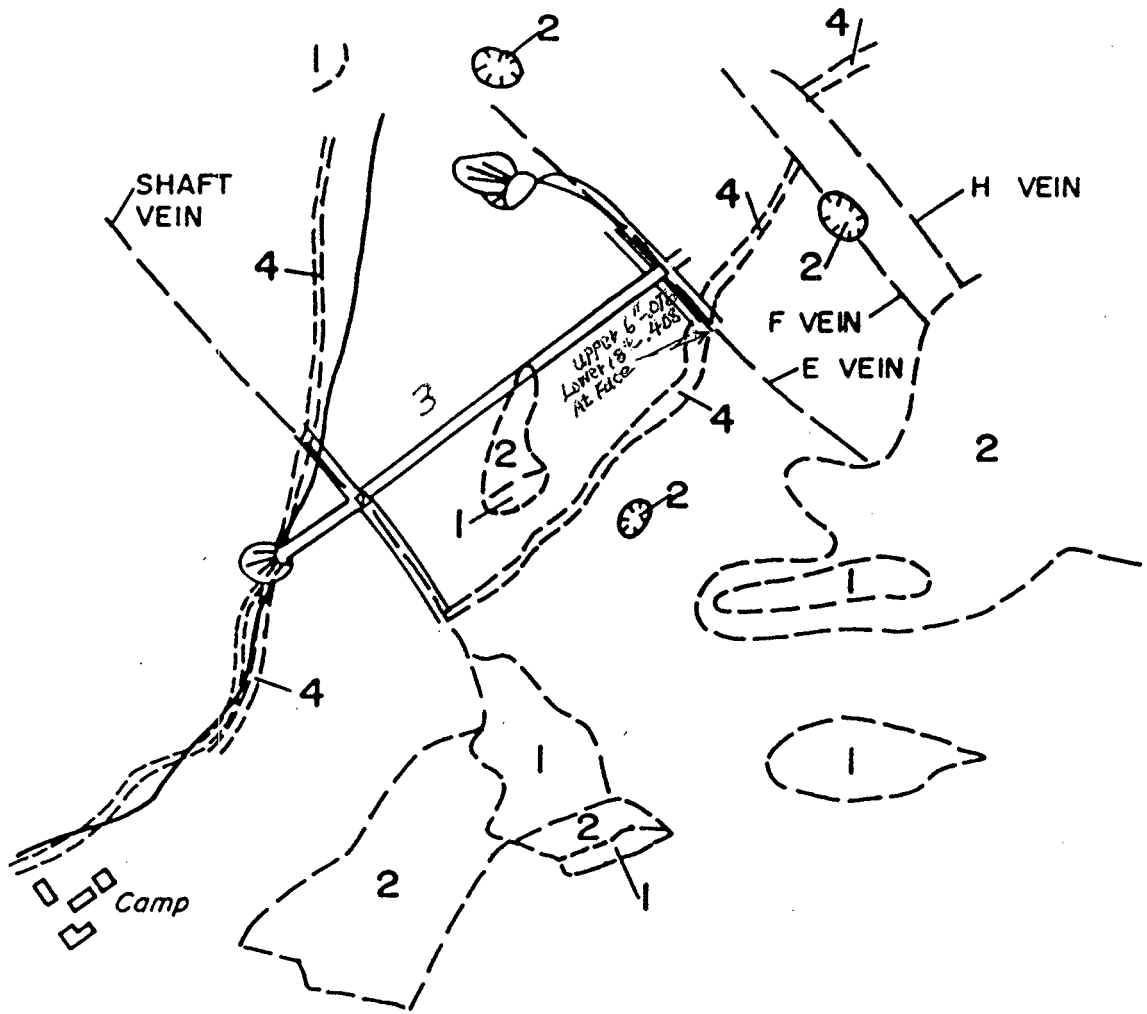
10,000



W. GUPPY

AUGUST 1986





**LEGEND**

- 4 ANDESITE DYKE
- 3 QUARTZ-DIORITE
- 2 CONTACT-BRECCIA AND SCATTERED OUTCROPS OF GARNET-DIOPSIDE ROCK ETC.
- 1 CRYSTALLINE LIMESTONE
- CONTACT ASSUMED

FROM: MINISTER OF MINES-ANNUAL REPORT 1946

FIGURE 5

Geology of Maple Leaf (Moscena)

From Assesment Report # 12026

STATEMENT OF COSTS

10 days field work @ \$100 .....	\$ 1,000.00
Boat & motor 10 days @ 40 .....	400.00
Miscel field expenses.....	200.00
Assays 16 samples, preparation, 10 element ICP & AU	156.00
Report Preparation .....	<u>150.00</u>
	1,906.00
Physical Work (Trail)	800.00
	<hr/>
	\$ 2706.00

STATEMENT OF QUALIFICATIONS

I, Walter Guppy, have been a practical prospector, on a part-time basis since 1938 and a full time prospector from 1968 to 1972 and during recent years.

*Walter Guppy.*

SCHEDULE OF CLAIMS

<u>NAMES</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Recording Date</u>
BAYCREST	12	2885	April 29 1986
BAYCREST #2	4	2886	April 29 1986
BAYCREST #3	8	2919	May 28 1986
EXPO #1	2-post claim	3007	Sept. 15 1986
EXPO #2	2-post claim	3008	Sept. 15 1986

**GEOCHEMICAL ICP ANALYSIS**

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: SOILS -80 MESH AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toy* DEAN TOYE. CERTIFIED B.C. ASSAYER.

W. GUPPY FILE # 86-1390

PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Fe %	As PPM	Cd PPM	Sb PPM	Ba PPM	Au# PPB
WRN 2	27	6	56	.1	14	5.62	2	1	2	23	34
WRN 3	22	8	27	.1	11	6.04	11	1	4	15	38
WRN 4	17	12	27	.1	5	8.24	14	1	2	13	210 ✓
WRN 5	42	12	27	.1	5	6.81	3	1	2	14	7
WRN 6	26	16	51	.2	5	10.03	8	1	2	18	36
<i>mat from Warn Bay</i>											
WRN 7	12	10	19	.1	3	9.77	7	1	2	11	14
WRN 10	21	16	64	.3	6	5.48	6	1	2	36	28
F500 1	32	10	38	.2	14	5.14	64	1	6	32	15
F500 2	31	10	38	.1	16	5.15	6	1	2	16	1
F500 3	52	11	33	.2	15	6.54	2	1	2	23	4
F500 4	56	10	46	.1	14	7.00	4	1	2	19	37
F500 5	68	11	63	.1	23	6.47	3	1	5	21	6
F500 6	47	11	73	.2	5	7.28	24	1	2	24	24
F500 7	78	17	46	.1	5	6.09	3	1	3	17	12
F500 8	70	15	44	.2	5	6.08	9	1	2	22	37
F500 9	58	13	49	.1	7	6.81	12	1	4	59	58
F500 10	65	13	56	.1	12	6.52	31	1	2	40	42
F500 50H											

*WARN BAY*

W. GUPPY FILE # 86-1390

PAGE 2

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Fe %	As PPM	Cd PPM	Sb PPM	Ba PPM	Au# PPB
IBN-2	23	11	140	.2	73	3.65	9	1	2	49	1 <i>mat from Warn Bay.</i>
LEB	69	9	93	.2	43	5.30	10	1	2	19	2
LES	52	8	66	.5	24	3.76	17	1	2	15	17
LHI	54	9	81	.1	33	5.07	6	1	2	20	6
LNE 1	121	17	101	.4	43	5.92	19	1	2	22	705
LNE 2	76	8	61	.2	18	4.63	8	1	2	23	26
LYN	110	5	70	.2	42	4.32	16	1	2	13	60
WIM	66	9	110	.4	34	5.62	7	1	2	35	25
0-75N	11	19	82	.1	4	6.15	22	1	2	25	59 ✓
STD C/AU 0.5	61	41	143	7.0	73	3.99	43	19	16	187	485

*WARN BAY*