

MINERAL RESOURCES BRANCH

ASSESSMENT REPORT

10,127
NO.

GEOLOGY AND GEOCHEMISTRY

INCONSPICUOUS #1 - #7 MINERAL CLAIMS

SKEENA MINING DIVISION
GRAHAM ISLAND, QUEEN CHARLOTTE ISLANDS, B.C.
NTS 103F/14E+15W

LATITUDE 53°58'N

LONGITUDE 133°00'W

DATES OF WORK: April 24, Aug. 12, Sept. 28, 1981

BY: G.G. Richards, P.Eng.

J.S. Christie, Ph.D.

OWNER: G.G. Richards

OPERATOR: Ventures West Minerals Ltd.

CONTRACTOR: JMT Services Corp.

SUBMITTED: February 11, 1982.

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INTRODUCTION

Stream sediments were collected along the base of slope of both sides of Hana Koot Creek in May 1980. Samples from along the upper north side of the creek were highly anomalous in gold, arsenic and mercury. The Inconspicuous #1 - #4 claims were staked on July 3, 1980 at which time additional silts were collected. The Inconspicuous #5 was staked on August 13 and 14, 1980. Mapping and sampling carried out from October 5 to the 17, 1980 formed the basis for a previous report dated February 20, 1981. The Inconspicuous #6 and #7 were staked January 13, 1981 to cover the projection of the geo-chemically anomalous system.

The 1980 work outlined a large zone containing anomalous amounts of gold and arsenic in soils underlain by pyritic and locally silicified Cretaceous sediments and Tertiary volcanics. This zone measures 900 metres by 3000 metres. Many areas strongly anomalous for gold and arsenic occur within the large zone. Several drill targets were indicated but more detailed work was recommended within the strongly anomalous areas prior to drilling. Some additional reconnaissance mapping and sampling was also recommended.

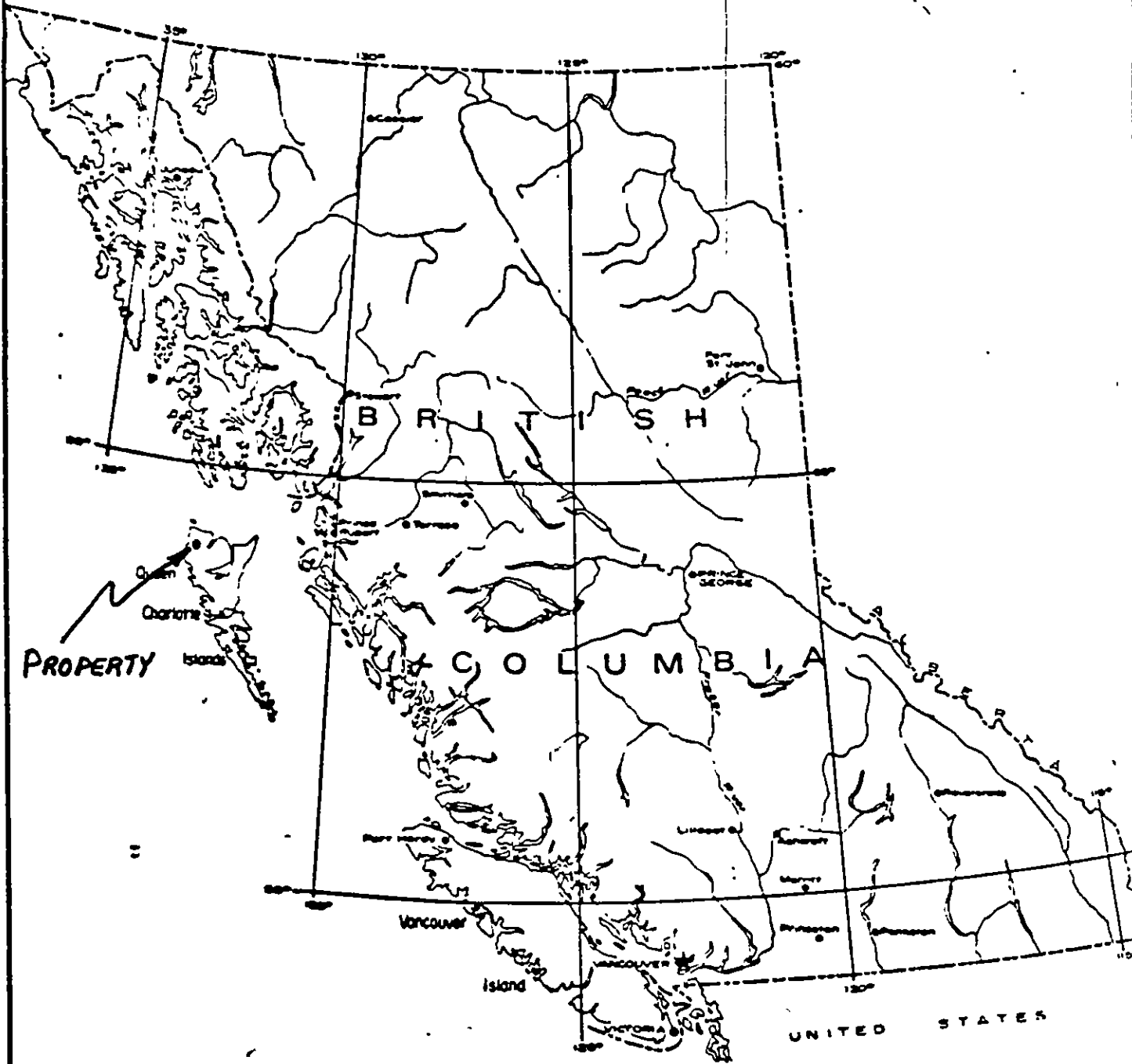
Work done in 1981 completed the reconnaissance mapping and sampling and extended the detailed work. A helicopter pad was cut out in the south central portion of the survey to be used as a tent camp for further work on the property. A complete re-examination of the better showings and Au anomalies was done to help evaluate effectiveness of further mapping, trenching and drilling. A total of 62 soils, 22 silts and 1 rock chip were collected.

Further mapping and sampling and a trenching programme with a backhoe are now recommended prior to drilling.

LOCATION AND ACCESS

The property lies in the northwestern part of Graham Island, south of Pivot Mountain and north of the headwaters of Hana Koot Creek. The west coast of Graham Island is 6 km west and Naden Harbour is 25 km east of the property.

The property is accessible by helicopter from Sandspit, 115 km to the southeast. The nearest road is approximately 20 km away along Davidson Creek--a logging haulage road built by CIPA (previously Queen



J M T SERVICES CORP.

INCONSPICUOUS
 PROPERTY LOCATION MAP
 Figure 1

SCALE

Mid 1136

136 Mile

Prepared by:
 Drawn by:

Date:
 Revised:

NTS MAP AREA

DRAWING No.

Charlotte Timber).

TOPOGRAPHY AND VEGETATION

Elevations on the property range from 200 ft. to 1700 ft. above sea level. Terrain is hilly and slopes moderately steep but easily traversable. Slopes are covered in hemlock-spruce forests with a mossy forest floor and practically no underbrush. Flat ridge tops contain open swamps with stunted pine and cypress trees.

MINERAL CLAIMS

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>
INCONSPICUOUS #1	15	2471	August 1, 1980
INCONSPICUOUS #2	6	2472	August 1, 1980
INCONSPICUOUS #3	8	2473	August 1, 1980
INCONSPICUOUS #4	20	2474	August 1, 1980
INCONSPICUOUS #5	15	2549	September 12, 1980
INCONSPICUOUS #6	20	2854	February 11, 1981
INCONSPICUOUS #7	15	2855	February 11, 1981

Owner: G.G. Richards

GEOLOGY

The Geology has been described in detail in the previous report of February 20, 1981. Identification of the few outcrops that were seen in the old survey area have been identified on Figure 3. Reconnaissance mapping and sampling mapped the western limit of the Pivot Mountain quartz diorite (Figure 6) described by A. Sutherland-Brown in Bulletin 54 Geology of the Queen Charlotte Islands, Department of Mines and Petroleum Resources.

GEOCHEMISTRY

General

The work described in this report was designed to supplement the general geologic map and geochemical coverage of the area outlined by Au-As anomalous reconnaissance silt samples. Some further reconnaissance silting was done to better define the limits of anomalous geochemistry.

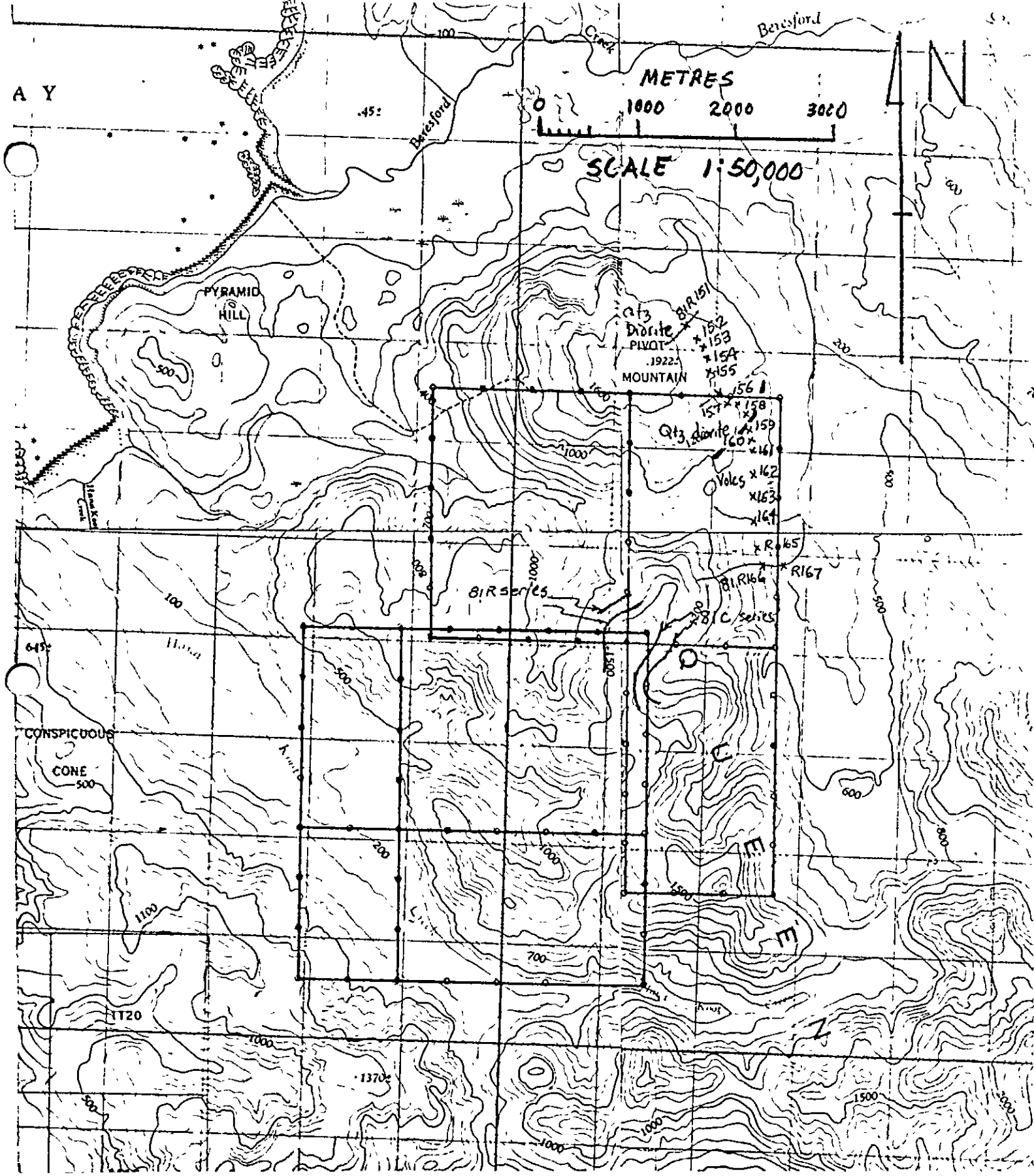


FIGURE 6

RECCE SAMPLING PIVOT MOUNTAIN TRAVERSE

Rock chip samples were made from three to ten rock chips, small enough to fit into standard kraft sample bags. Soil samples were collected from the B horizon where possible, from a depth of 1 cm to 1/2 m. Silt samples were collected with a spoon from active silt in creeks.

Gold and arsenic geochemical analyses were done on the minus 80 mesh fraction by Chemex Labs Ltd., 212 Brooksbank Ave., North Vancouver, B.C., using the following standard procedures:

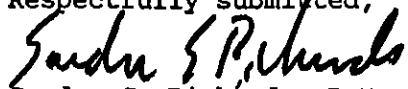
- Gold - Fire assay preconcentration with Neutron Activation Analysis
- Arsenic - Perchloric-nitric acid extraction with Atomic Absorption Spectrophotometer determination.
- Mercury - Closed cell Atomic Absorption.

Samples collected along the Pivot Mountain traverse (Figure 6) were uniformly low. Arsenic ranged from <1 to 12 ppm, Gold from <1 to 13 ppb, and Mercury from 20-120 ppb all well below the threshold values of 30 ppm As, 20 ppb Au and 500 ppb Hg used throughout the survey area.

CONCLUSIONS AND RECOMMENDATIONS

The work performed this year limited the extent of the anomalous gold-arsenic pattern to the northeast and filled in some of the more detailed sampling. A re-examination of all the showings and anomalous geochemical patterns made it very clear that there is little more outcrop to examine as an aid in evaluating the high soil anomalies. Therefore an intensive programme of trenching by backhoe is recommended in order to expose bedrock and define drill targets.

Respectfully submitted,



Gordon G. Richards, P.Eng.



James S. Christie, Ph.D.

STATEMENT OF COSTS

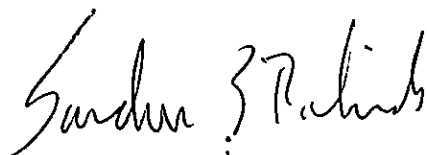
TIME:

G. Richards	April 24, Aug. 12, Sept. 28	3 @ \$200.	\$ 600.00
J. Christie	Aug. 12, Sept. 28	2 @ \$200.	400.00
Meals - 5 men days @ \$25/day			125.00
Sandspit Inn			140.00
Airfares - 2 men one way Vancouver-Sandspit			220.00
Truck Rental - 3 days @ \$50/day			150.00
Photocopies			19.60
Reproductions			83.62
P.W.A. Freight			21.39
Supplies 32.11 + (\$461 2 x 4s)			493.11
Chemex Labs Ltd.			864.45
Q.C. Helicopters - April 24	1/2 of \$1,481.60		740.80
	August 12		1,841.00
	Sept. 28		1,733.38
Draughting			40.00
Report			400.00
			<hr/>
			\$ 7,872.35
			<hr/> <hr/>

STATEMENT OF QUALIFICATIONS

I, Gordon G. Richards of Vancouver, British Columbia, do hereby certify that,

1. I am a Professional Engineer of the Province of British Columbia residing at 6195 Lynas Lane, Richmond, B.C., V7C 3K8
2. I am a graduate of the University of British Columbia B.A.Sc. 1968, M.A.Sc. 1974
3. I have practised my profession as a mining exploration geologist continuously since 1968.
4. This report is based on my personal knowledge of the district, and mapping of the geology at the property.

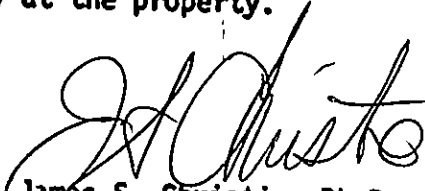


Gordon G. Richards, P.Eng.

STATEMENT OF QUALIFICATIONS

I, James S. Christie of Vancouver, British Columbia do hereby certify that,

1. I am a Professional Geologist residing at 3921 W. 31st Ave.,
Vancouver, B.C. V6S 1Y4.
2. I am a graduate of the University of British Columbia
B.Sc. Honours Geology - 1965, Ph.D: Geology - 1973.
3. I have practised my profession as a mining exploration
geologist, continuously since 1965.
4. I am a Fellow of the Geological Association of Canada.
5. I am a Member of the Geological Society of America.
6. This report is based on my personal knowledge of the district,
and mapping of the geology at the property.


James S. Christie, Ph.D.



CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER B.C.
CANADA V7J 2C1

TELEPHONE (604) 964-1001
TELEX 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

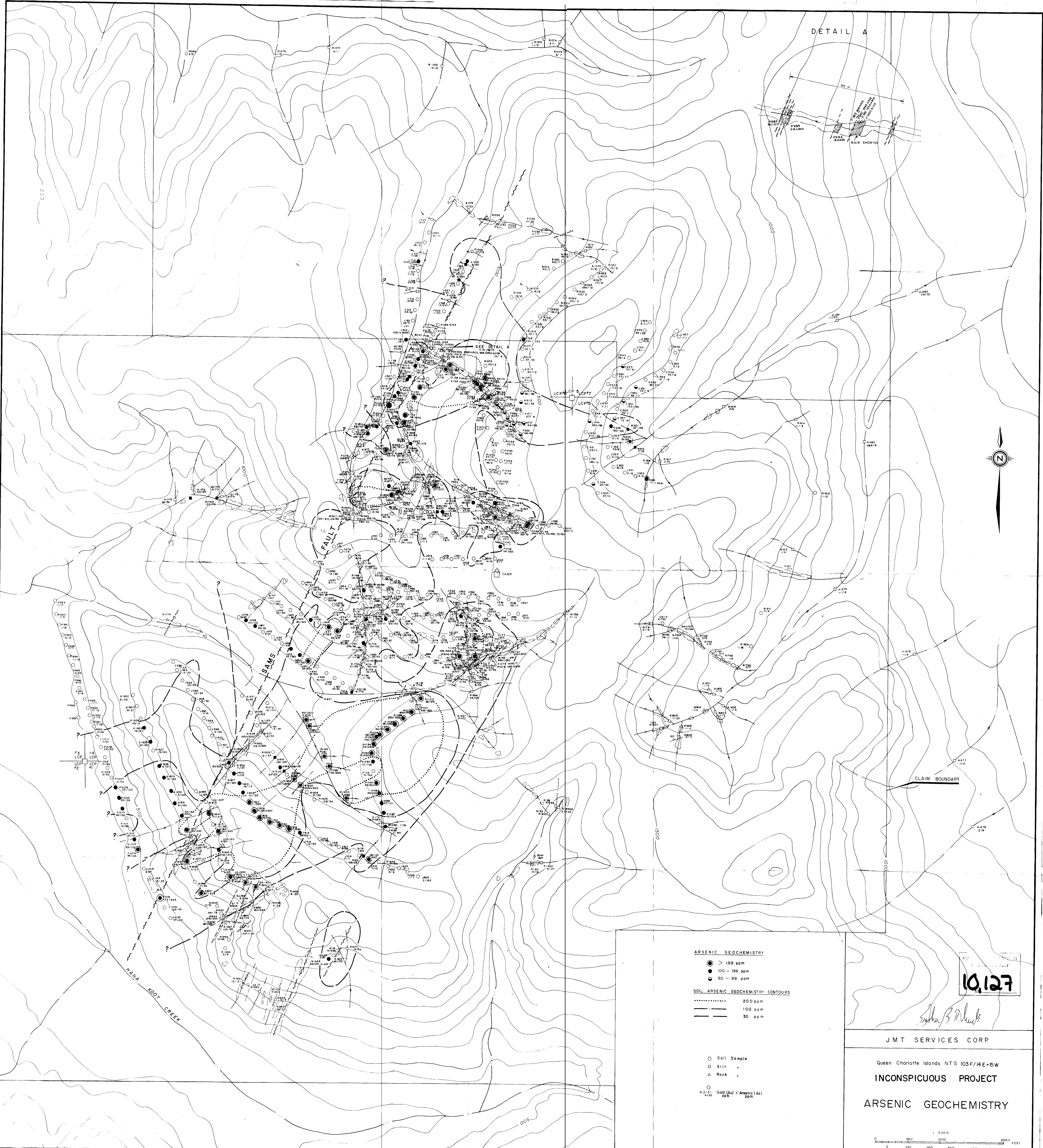
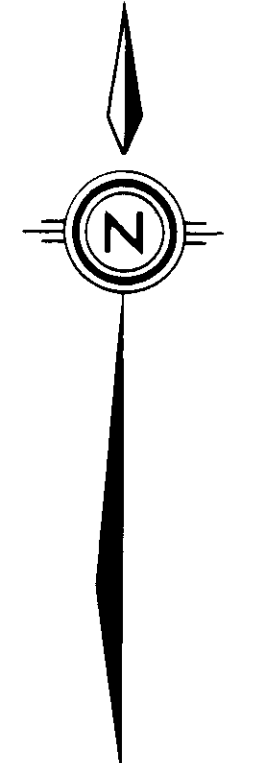
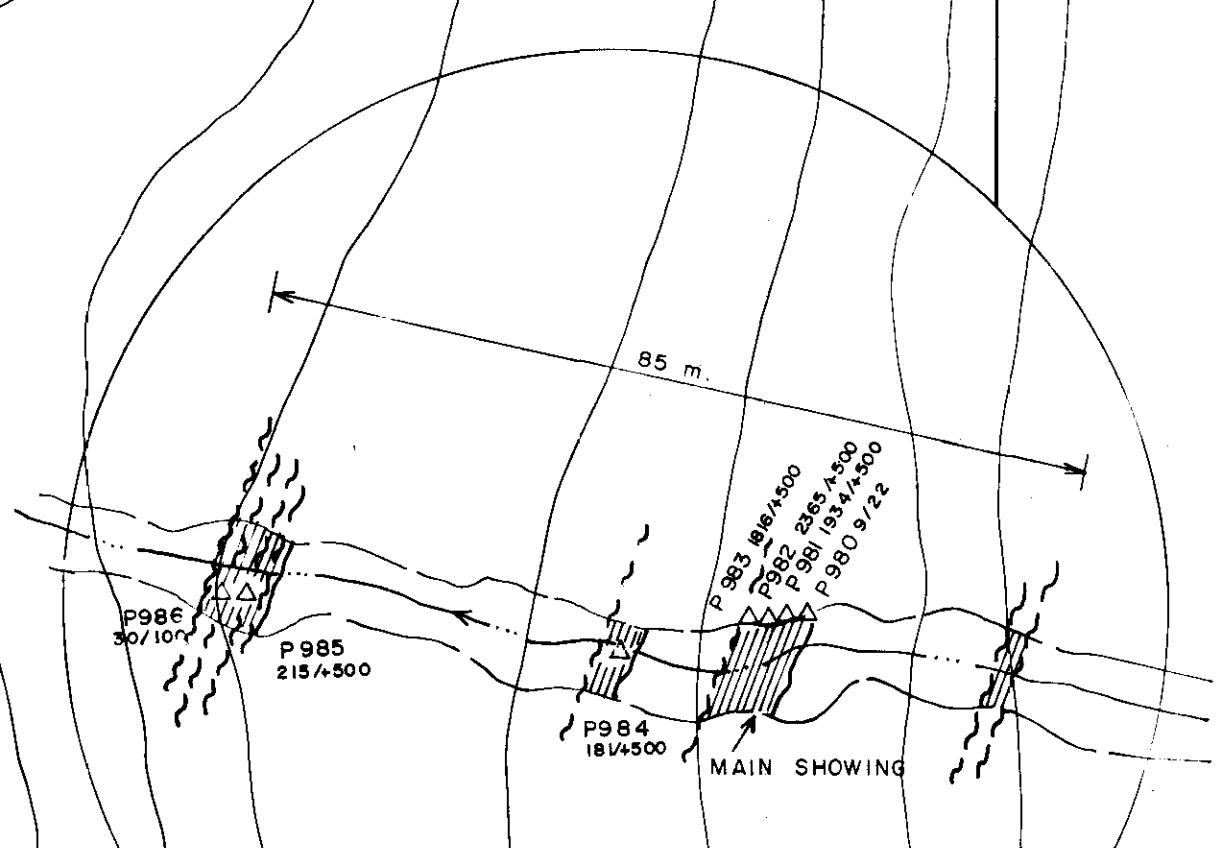
TO : JMT SERVICES CORP;
9927 HUDSON ST;
VANCOUVER, B.C.
V6B 4N1

CERT. # : 25110336-C J-1
INVOICE # : 12110336
DATE : 22-MAY-81
P.O. # : NONE
210

ATTN: W.A. HOWELL

Sample description	Prep code	As ppm	Hg ppb	AU-NAA ppb			
31R-150	201	5	30	<1	--	--	--
31R-151	201	<1	30	<1	--	--	--
31R-152	201	2	30	<1	--	--	--
31R-154	201	2	30	<1	--	--	--
31R-155	201	2	20	<1	--	--	--
31R-156	201	1	20	7	--	--	--
31R-157	201	3	50	1	--	--	--
31R-158	201	2	60	8	--	--	--
31R-159	201	7	60	<1	--	--	--
31R-160	201	6	40	13	--	--	--
31R-161	201	9	30	2	--	--	--
31R-162	201	3	50	<1	--	--	--
31R-163	201	4	60	1	--	--	--
31R-164	201	3	40	<1	--	--	--
31R-165	201	10	60	<1	--	--	--
31R-166	201	12	120	5	--	--	--
31R-167	201	12	110	10	--	--	--
31R-168	201	5	50	<1	--	--	--
...	...	-	--	--	--

DETAIL A



ARSENIC GEOCHEMISTRY

- > 199 ppm
- 100 - 199 ppm
- 30 - 99 ppm

SOIL ARSENIC GEOCHEMISTRY CONTOURS

- 200 ppm
- 100 ppm
- 30 ppm

○ Soil Sample
 □ Silt
 △ Rock
 # 2.11 / 4.70 Gold (Au) / Arsenic (As) ppb / ppm

10127

Stephen B. ...

JMT SERVICES CORP

Queen Charlotte Islands NTS 103F/4E+5W
INCONSPICUOUS PROJECT

ARSENIC GEOCHEMISTRY

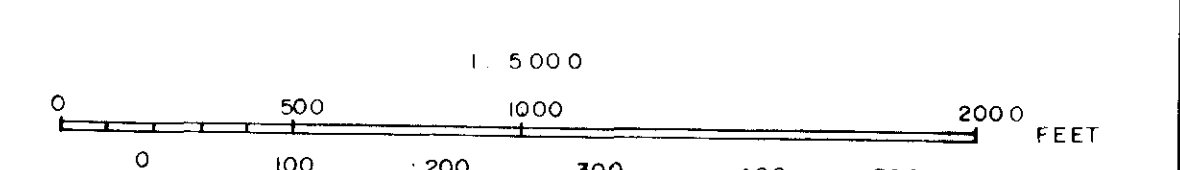
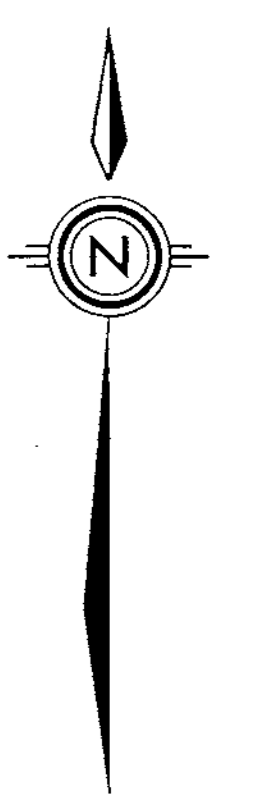
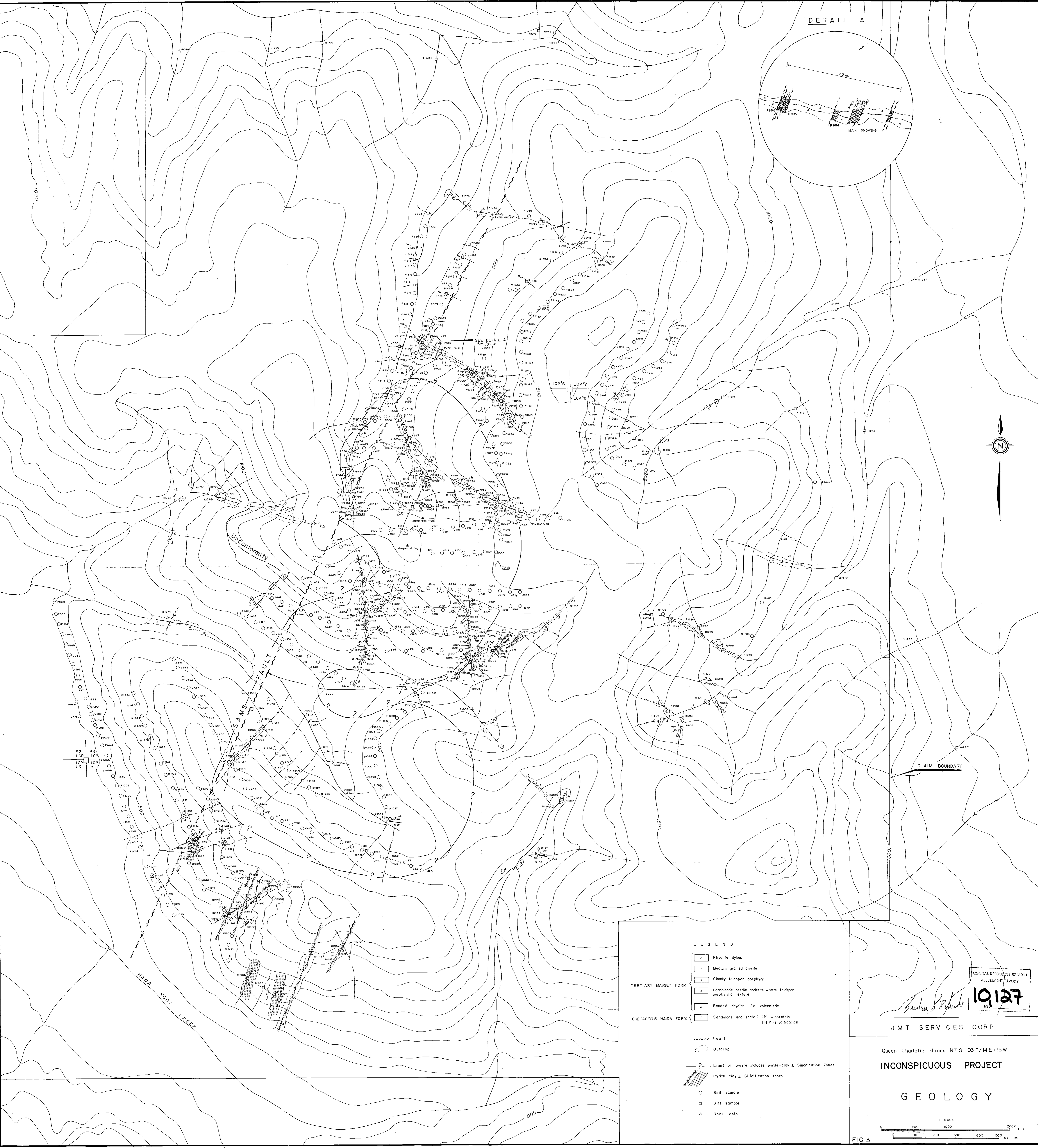
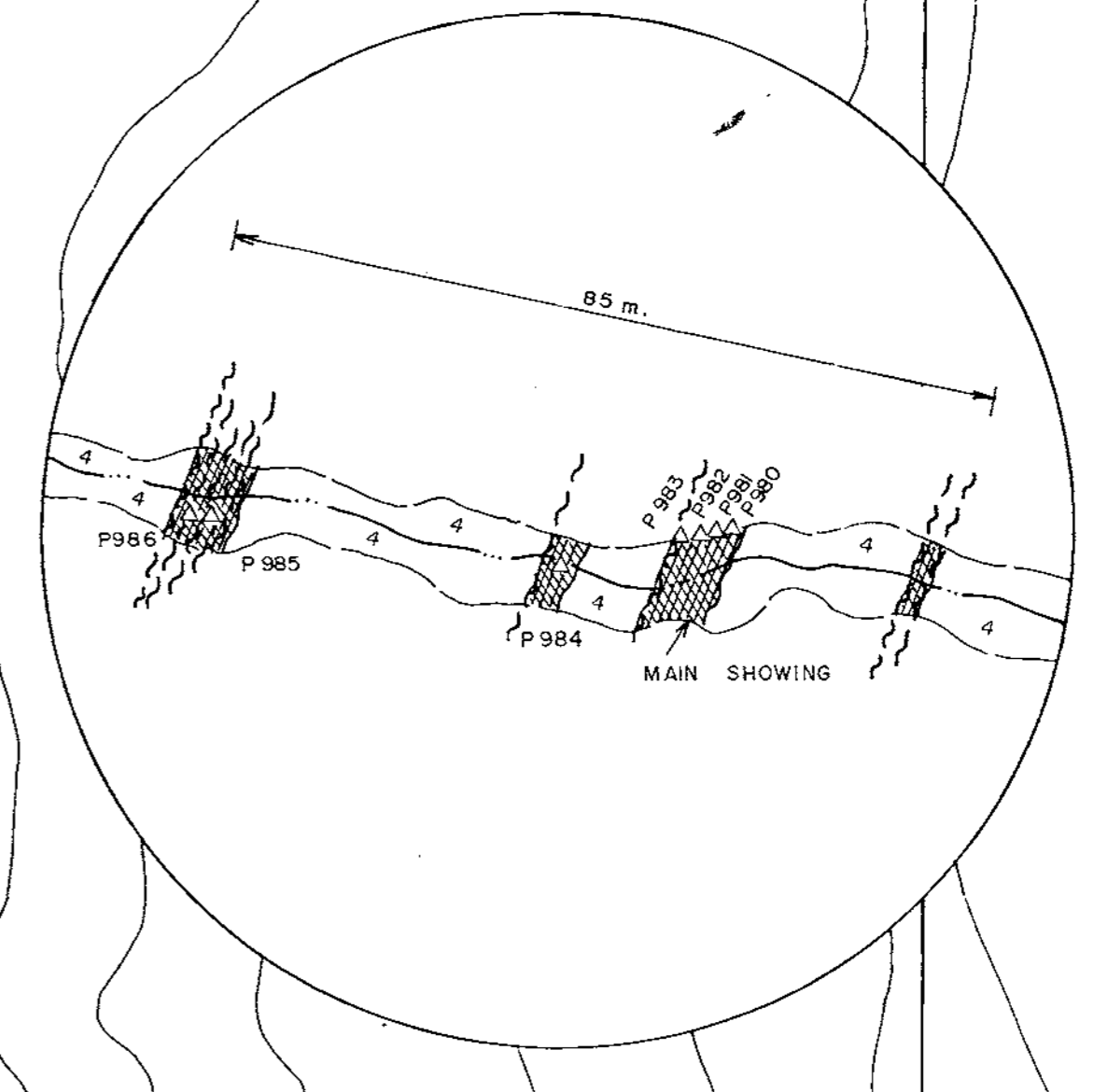


FIG 5

DETAIL A



CLAIM BOUNDARY

LEGEND

6	Rhyolite dykes
5	Medium grained diorite
4	Chunky feldspar porphyry
3	Hornblende needle andesite - weak feldspar porphyritic texture
2	Banded rhyolite 2a volcanitic
1	Sandstone and shale: 1H - hornfels 1H2 - silicification

TERTIARY MASSET FORM

CRETACEOUS HAIDA FORM

~ Fault

○ Outcrop

— ? — Limit of pyrite includes pyrite-clay & Silicification Zones

▨ Pyrite-clay & Silicification zones

○ Soil sample

□ Silt sample

△ Rock chip

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Queen Charlotte Islands NTS 103F/14E+15W

INCONSPICUOUS PROJECT

GEOLOGY

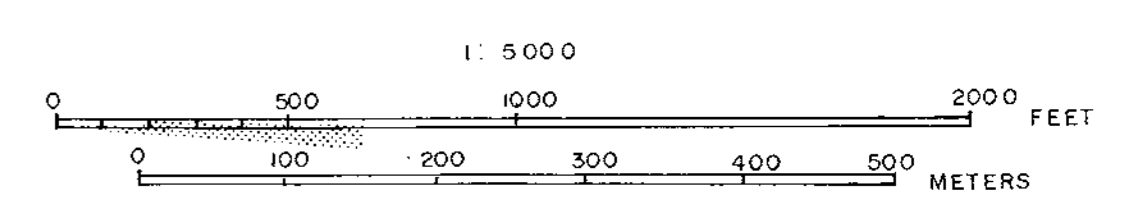


FIG 3

MINERAL RESOURCES BRANCH
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