

REPORT ON THE MARIE PROPERTY

M #1 - #6 MINERAL CLAIMS

SKEENA MINING DIVISION,
GRAHAM ISLAND, QUEEN CHARLOTTE ISLANDS,
BRITISH COLUMBIA

LOCATION:

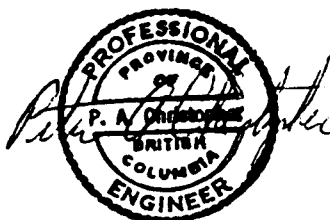
N.T.S.: 103-F- 8W/9W
LATITUDE: 53° 30' N
LONGITUDE: 132° 20' W

REPORT FOR:

INTERNATIONAL BARON RESOURCES LTD.
545-1130 WEST PENDER STREET
VANCOUVER, B.C. V6E 4A4

PREPARED BY:

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JULY 28, 1983
REVISED JANUARY 27, 1987
REVISED FEBRUARY 5, 1988

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SUMMARY

The Marie Property, consisting of six metric claims totaling 63 units, covers about 1500 hectares in central Graham Island, in the Queen Charlottes. The writer examined the Marie Property to evaluate the geological setting of precious metal mineralization and favourable alteration zones on the property. The nearby Consolidated Cinola Mines Ltd. (Specogna) property is visible from the Marie Property, and, it was also examined by the writer to allow for comparison of the rock units and alteration. Stratigraphy, geochemical indicators and alteration on the two properties are similar. Limited percussion drilling of a small portion of the favourable area on the Marie Property has produced encouragement with a 60 foot (18.3m) section from 20 to 80 feet in percussion hole M #6 averaging 0.015 oz. Au/tonne (463.3 ppb). The favourable contact zone between Haida shales and overlying Masset volcanic has been drill tested in only this one road accessible area of the property. Two areas within the property should receive further surface exploration to define possible diamond drill sites. Target I is a covered, fault bounded area west of the previous drilled zone. Target II is a large zone of pyritic volcanic rocks which enclose three separate siliceous zones and anomalous values for arsenic (>100 ppm) and gold in soils.

A Stage I program consisting of detailed geological mapping and rock and soil geochemical surveys Target I and Target II areas (Figure 3) is warranted for the property. The recommended Stage I program is estimated to cost \$ 46,000.

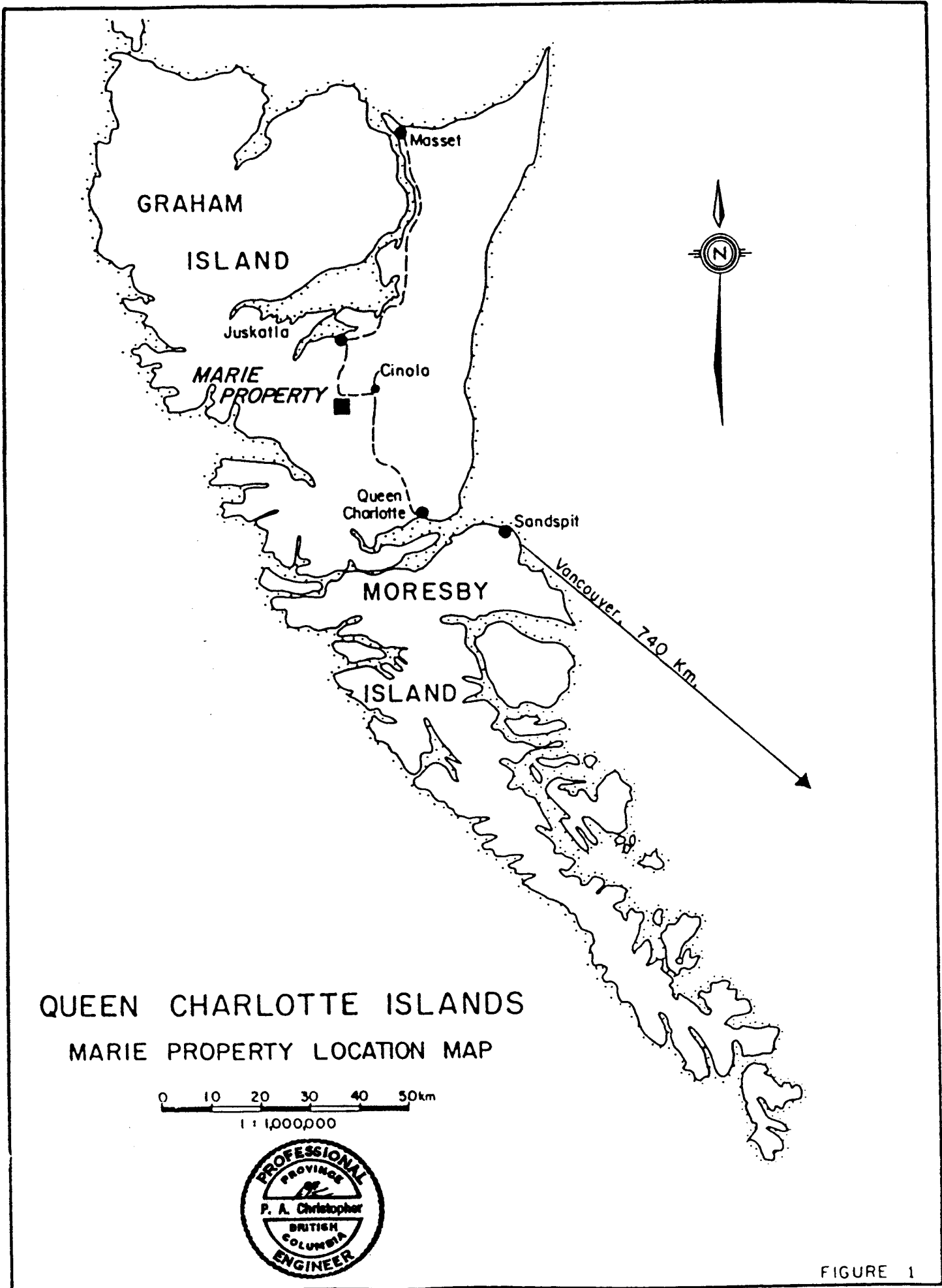
If Stage I geological and geochemical programs provide encouragement, then a Stage II induced polarization survey and trenching should be considered, at an estimated cost of \$ 70,000 to define drill sites. A contingent, Stage III 762 metre (2500') diamond drilling program, with attendant road building, site preparation and reclamation is estimated to cost \$ 176,000.

INTRODUCTION

The Marie Property, consisting of the M1 through M6 mineral claims was examined by the writer with the assistance of James S. Christie, of JMT Services Corp. The claims were examined at the request of Mr. James Yates for Barron International Resources Inc. The claim area is of interest because of its geological setting, previous encouraging exploration program and its proximity to the Consolidated Cinole Mines Ltd. (Specogna) gold deposit.

LOCATION AND ACCESS (Figures 1 & 2)

The property is located on central Graham Island, in the Queen Charlottes, some 740 km northwest of Vancouver. The islands may be reached by daily P.W.A. jet service from Vancouver, or twice weekly ferry service from Prince Rupert. The claims are located on the upper drainage of Gold Creek which includes the rolling terrain between Shiela, Pam and Marie Lakes and the steep hill lying immediately west of Shiela Lake. It is accessible by road by driving south from Juskatla along MacMillan Bloedel's main haulage road 20 kilometers to Branch 30 which cuts through the centre of the property to the east



QUEEN CHARLOTTE ISLANDS
MARIE PROPERTY LOCATION MAP

0 10 20 30 40 50km
1 : 1,000,000



FIGURE 1

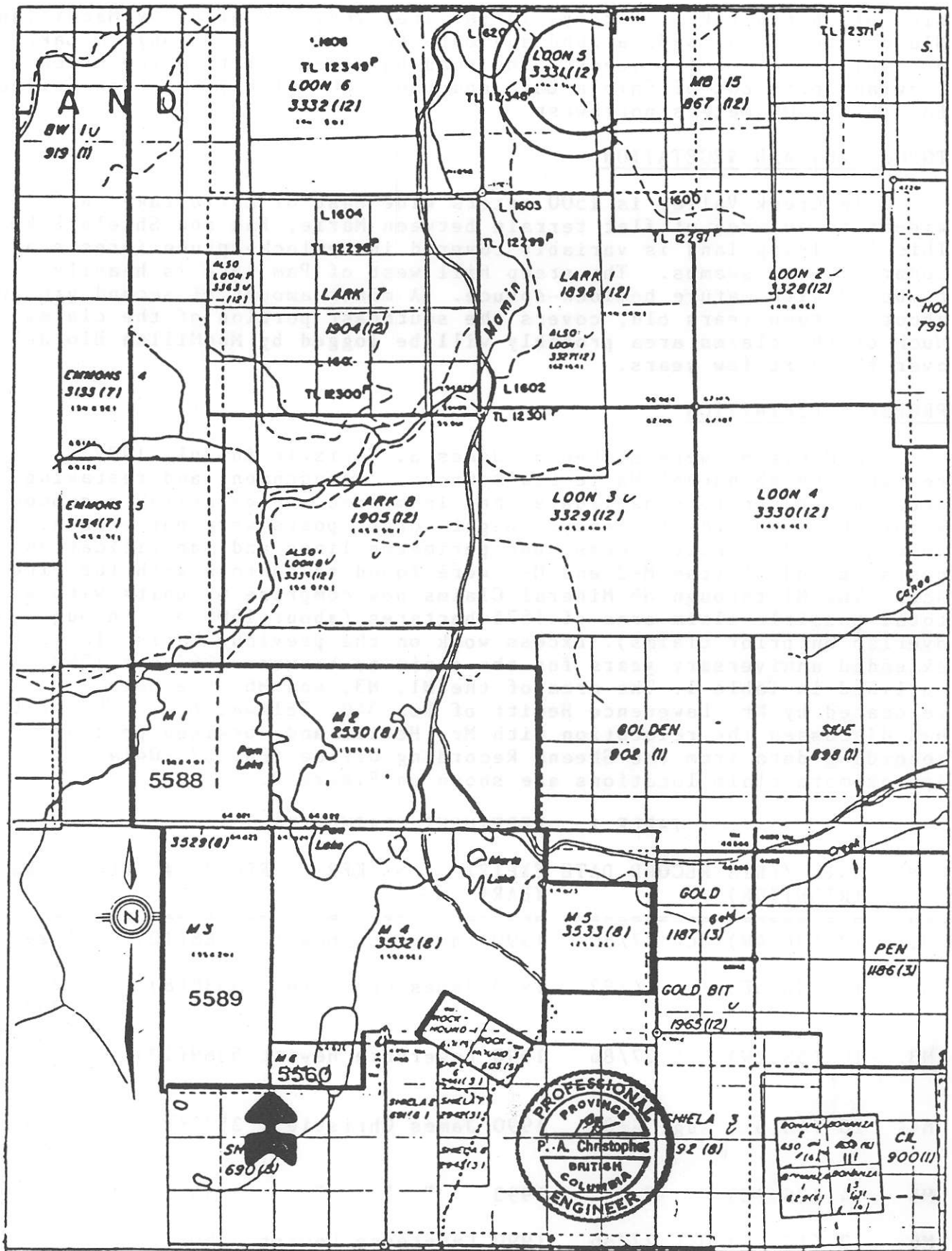
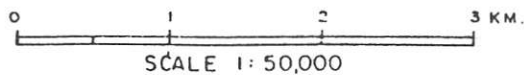


Figure 2: MARIE PROPERTY CLAIM MAP - M #1 - #6 MINERAL CLAIMS



side of Shiela Lake. Surveys in the area indicate plans by MacMillan Bloedel to build roads around and onto the hill west of Shiela Lake probably within a few years. The road has been built to the creek flowing north out of Shiela Lake and the right-of-way has been felled for about 300 meters northwest.

TOPOGRAPHY AND VEGETATION

Gold Creek Valley is 1500 meters wide east of Marie Lake but widens to an area of flat terrain between Marie, Pam and Shiela Lakes. This low lying land is variably covered in hemlock-spruce forests and cedar-cypress swamps. The steep hill west of Pam Lake is heavily timbered with mature hemlock-spruce. A minor amount of second growth, about fifteen years old, covers the southeast portion of the claims. Much of the claims area probably will be logged by MacMillan Bloedel over the next few years.

PROPERTY DEFINITION

The M Claims were staked by James S. Christie in July 1982 to restake the abandoned Marie Claim Group. Abandonment and restaking were undertaken to consolidate the claim area and establish a common Record Date for the property. Legal corner posts were not examined because of difficult access, but perimeter lines and identification posts 3E and 4E from M-2 and M-4 were found to conform with the Mineral Act. The M1 through M6 Mineral Claims now comprise 63 units with a total possible claim area of 1575 hectares (about 1500 ha. through overlap on prior claims). Excess work on the previous Marie claims has extended anniversary years for the claim to between 1987 and 1993, as outlined in Table 1. The area of the M1, M3, and M6 have been relocated by Mr. Lawrence Hewitt of Box 340, Telkwa, B.C. The writer has discussed the relocation with Mr. Hewitt and obtained pertinent recording data from the Skeena Recording Office (Ph. 627-0414). Approximate claim locations are shown on Figure 2.

TABLE 1. PERTINENT CLAIM DATA

NAME	UNITS/(DIS TRIBUTION)	RECORD DATE	EXPIRY YEAR*	STAKER	RECORD #	RELOCATES
M1	12 (3N,4W)	Oct.27/86	1990	Lawrence Hewitt	5588(10)	3529
M2	15 (3N,5E)	Aug. 4/82	1990	James Christie	3530(8)	1712/13, 902
M3	10 (5S,2W)	Oct.27/86	1990	Lawrence Hewitt	5589(10)	3531
M4	20 (4S,5E)	Aug. 4/82	1990	James Christie	3532(8)	766,650, 828,690
M5	4 (2S,2E)	"	1993	" " "	3533(8)	828
M6	2 (1S,2E)	Oct.27/86	1990	Lawrence Hewitt	5590(10)	3534

* After acceptance of 1987 assessment work.

HISTORY

Parts of the present property were first staked in May of 1978 after prospecting work and reconnaissance geochemical sampling in 1977 and early 1978 had indicated an area around Marie and Shiela Lakes to have strong zones of silicification associated with sulfide mineralization and highly anomalous gold, arsenic, and mercury geochemistry. Additional staking was done in June 1978, August 1978, October 1978, April 1979, August 1979, and August 1980 as work progressed on the property. In July of 1982 a decision was made to abandon and restake the entire property in order to simplify maintenance of the claims which had six different Record Dates. All claims were formally abandoned and the M (#1-#6) claims staked covering the areas of interest. A new Record Date of August 4, 1982 was established for the entire property.

The Property was optioned by Chevron Standard Limited in 1978 and in 1979 a contract was given to JMT Services Corp. to complete a program of geological mapping and grid geochemistry. Mapping showed that large portions of the claim block are underlain by Tertiary, volcanics of the Masset Formation, lying unconformably on poorly exposed Mesozoic argillites and sandstones cut by diorite. Zones of sulfide mineralization associated with weak to strong silicification and bleaching were mapped within both the volcanics and sediments at a number of locations. Large arsenic, mercury and gold soil anomalies were shown to be associated with these sulfide zones. The Tertiary unconformity was believed to play an important role in the control and localization of mineralization.

In October of 1979, Chevron mobilized a percussion drill to the Charlottes for work on two other properties, but made a decision to drill a series of 6 holes along a logging road which cut through one of the anomalous areas identified previously. Two of the holes encountered 60 foot intercepts of anomalous gold-arsenic geochemistry which are of considerable interest but no follow-up work was ever done.

In 1980 Chevron geologists completed a limited program of detailed geological mapping and rock chip sampling in a small area northwest of Shiela Lake. A number of light colored rhyolitic dykes containing sulfides were mapped in the areas with anomalous geochemistry. Chevron conducted additional geological and geochemical surveys in the northwest part of the property in 1980 and 1981 prior to terminating their option in 1982. No work programs have been done on the property since 1981.

On July 17, 1983, the writer examined the Marie Property with the assistance of James S. Christie. The Consolidated Cinola Mines Ltd. property, Specogna Property, was examined to allow comparison of the rock units and alteration. Since the writer's examination of the Marie Property, the M1, M3, and M6 claims have been restaked by Lawrence Hewitt. International Baron Resources Ltd. has purchased the M1 through M6 claims.

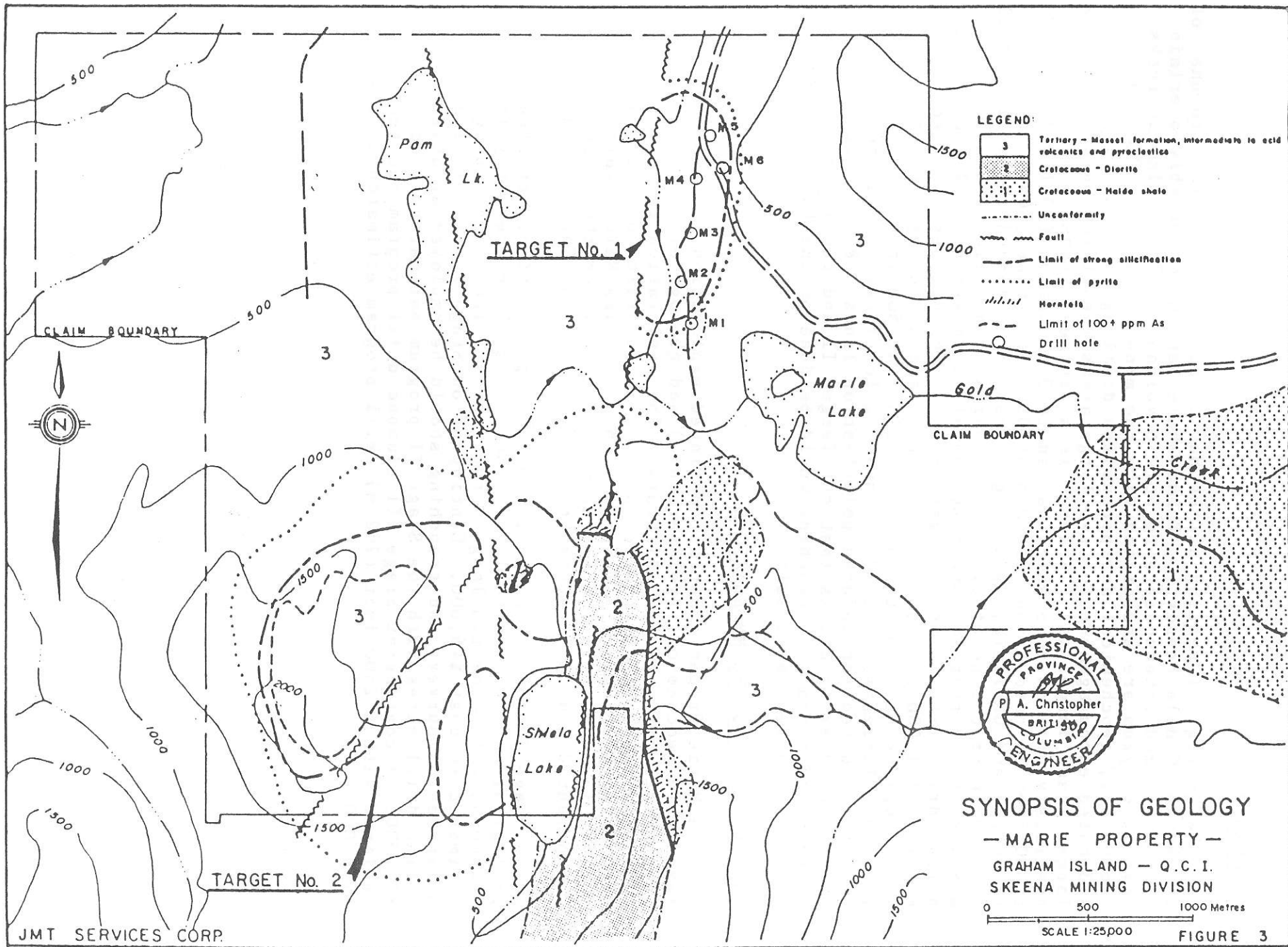
GENERAL GEOLOGY

The Queen Charlotte Islands are part of the Insular Belt of the Canadian Cordillera. They are separated from the Pacific Ocean floor by the Queen Charlotte Transform Fault. The area is included within the Pacific Continental Shelf physiographic region and has been divided into the Queen Charlotte Ranges, Skidegate Plateau and Queen Charlotte Lowlands. The boundaries between the physiographic units follow major northwest trending fault zones. The Queen Charlotte Ranges are underlain by a varied assemblage of mainly Mesozoic volcanic, plutonic, sedimentary formation with a cover of Quaternary drift. The area of main interest for precious metals is near the faulted boundary of the Skidegate Plateau and Charlotte Lowlands. The general geology of the Queen Charlotte Islands has been mapped and reported on by A. Sutherland-Brown in British Columbia Department of Mines Bulletin No. 54 (1968).

LOCAL GEOLOGY (Figure 3)

A synopsis of local geology is shown on Figure 3. A dominant feature is the flat lying Tertiary unconformity between acid to intermediate Masset volcanics and pyroclastics and underlying marine sediments of Mesozoic age. A small dioritic stock cuts the sediments in the southern part of the property and has given rise to narrow hornfels zones along its contacts. The sedimentary succession consists of medium to thick bedded shales and calcareous sandstones of the Haida Formation, with dip angles varying from moderate to steep. The sediments and volcanics are cut by a number of light colored sulfide bearing rhyolitic dykes in the areas examined. Two strong sub-parallel northerly trending faults cut through the claim area. These could be important controls of mineralization on the property and may have produced permeability needed to channel mineralized solutions.

Outcrops examined in the previous drilled area are variably silicified, pyrite mineralized and veined with chalcedonic veinlets. Drill holes were spotted in the general area of coincident hydrothermal alteration and anomalous geochemistry but the areas designated as Target I, a faulted extension of the drilled area, and Target II, a concentrically altered area were not drill tested because of difficult access. The setting of mineralization on the Marie Property is similar to the Consolidated Cinola Mines Ltd. Property where reserves of 41 million metric tonnes of 0.067 oz/tonne gold have been reported (1982/83 Canadian Mines Handbook). Mineralization occurs along a faulted contact between Haida shale and overlying volcanoclastics in association with rhyolite dikes or sills.



DISCUSSION

The geological setting at the Marie Property is similar to that of the nearby Cinola Property. Haida shales are unconformably overlain by mineralized intermediate to acidic volcanic and pyroclastic rocks. Rhyolitic dykes are associated with the mineralization. Previous geological, geochemical and percussion drilling programs have indicated encouragement for two large areas identified on Figure 3, as Target I and Target II. Target I is a faulted extension of the previously drilled zone which has an 18.3 m section (60 feet) from 20 to 80 feet in percussion hole M 6 of 0.015 oz/tonne (463.3 ppb) gold (Richards and Christie, 1980; log presented in Appendix A). Target II is a concentric zone of pyritic volcanics with silicified core area, and with soils that are strongly anomalous in arsenic. A program to define drill sites within Target area II includes detailed geologic mapping (1:1,000 scale), follow-up geochemical survey consisting of soil sampling at 50 m stations with lines at 50m intervals, and induced polarization with 200 m spacing for lines. Grid preparation will be required for induced polarization lines. Rock samples should be collected along creeks that cut Target II and run for gold, silver, arsenic and mercury. Trenching would be done on the basis of the soil and rock geochemical results.

CONCLUSIONS AND RECOMMENDATIONS

The Marie Property merits continued exploration in light of favourable geochemical (gold/arsenic) and geological (pyrite/silicification) indicators. The exploration target is a chemical-structural trap at or near an unconformity or faulted unconformity of Masset volcanics with underlying Haida shale. The setting is similar to the Specogna gold deposit on the nearby Consolidated Cinola Property (now City Resources, (Canada) Limited).

A Stage I program consisting of grid preparation, detailed geological mapping and follow-up rock and soil geochemistry is recommended for the two large target areas. The Stage I program is estimated to cost \$46,000. Contingent on Stage I results, induced polarization surveys and trenching should be employed at Stage II to define drill sites with the Stage II program estimated to cost \$70,000. A contingent Stage III diamond drill program has been outlined with a 2500 foot (762 m) drill program estimated to cost \$176,000.

COST ESTIMATE

STAGE I - Geological Mapping & Geochemical Sampling

Detail Mapping in Area of Known Mineralization

2 geologists - 28 man days @ \$250	\$ 7,000.	
Map reproduction	2,500.	
Petrographic studies	1,500.	
Analyses - 400 samples @ \$13	5,200.	
Plasma analyses - 50 samples @ \$10.	500.	
Support Costs	<u>6,000.</u>	\$ 22,700

Follow-up Geochemistry

Detail in area of present anomaly 1000m sq.grid
- 50 m x 50 m (Target Area I)
Detail in Target Area II

Geochem sampling - 28 man days @ \$150	4,200.	
Analyses - 400 samples @ \$13.	5,200.	
Map reproduction	2,500.	
Support Costs	<u>6,000.</u>	17,900

Contingency 5,400

Stage I Total \$ 46,000

Stage II - Induced Polarization & Trenching.

I.P. Surveys

Line cutting - 15 km - 22 man days @ \$150.	3,300.	
Surveys - Initial grid - 15 days @ \$1,000/day (incl. equipment rental & supplies)	15,000.	
- Detail follow-up - 5 days @ \$1,000/day (incl. equipment rental & supplies)	5,000.	
Support Costs	<u>6,000.</u>	\$ 29,300

Trenching

100 lineal meters trenching - Plugger and dynamite to include supervision, geological mapping and assays	20,000.	
Maps and Reports	1,500.	
Support Costs	<u>6,000.</u>	27,500
Recording Fees and Engineering (Stages I & II)		5,000

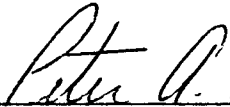

Contingency 8,200

Stage II. Total \$ 70,000

STAGE III - Diamond Drilling

Building and Site Preparation	\$ 25,000.
Diamond Drilling - 2,500 feet (762 m) @ \$50/foot all inclusive	125,000.
Engineering	<u>10,000.</u>
Stage III	\$ 160,000.
Contingency	<u>16,000.</u>
Stage III - total	<u>\$ 176,000.</u>

Respectfully submitted



Peter A. Christopher, P.Eng.
July 28, 1983
Revised January 27, 1987
Revised February 5, 1988


REFERENCES


- Arscott, D., 1980. Preliminary geochemical and geological reconnaissance, Goes-Here Claims. Marie Property. Assessment Report #8380 for Chevron Standard Ltd.
- Arscott, D. and McAllister, S., 1981. Geological and geochemical report, Marie Lake Property. (Dust #1 and 2, and Many Years #1 and 2 Mineral Claims). Assessment Report # 9843 for Chevron Standard Ltd.
- Richards, G.C. and Christie, J.S., 1980. Percussion drilling report, Marie Group, Queen Charlotte Island, B.C. Old Trail, Prospector Dust #1 and Dust #2 Mineral Claims. Assessment Report # 8398 for Chevron Canada Ltd.
- Richards, G.C. and Christie, J.S., 1979. Geology and geochemistry, Marie Area. Assessment Report # 7563 for Chevron Canada Ltd.
- Sutherland-Brown, A., Yorath, C.J. and Tipper, H.W., 1983. Geology and tectonic history of the Queen Charlotte Islands. Geological Association of Canada, Field Trip Guidebook. Trip 8.
- Sutherland-Brown, A., 1968. Geology of the Queen Charlotte Islands. B.C. Dept. of Mines and Pet. Res., Bull. No 54.

CERTIFICATE

I, Peter A. Christopher, with business address at 3707 West 34th Avenue, Vancouver, British Columbia, do hereby certify that:

- 1) I am a consulting geological engineer registered with the Association of Professional Engineers of British Columbia since 1976.
- 2) I am a Fellow of the Geological Association of Canada and a member of the Society of Economic Geologists.
- 3) I hold a B.Sc. (1966) from the State University of New York at Fredonia, a M.A. (1968) from Dartmouth College and a Ph.D. (1973) from the University of British Columbia.
- 4) I have been practising my profession as a Geologist for over 20 years.
- 5) I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of International Baron Resources Ltd.
- 6) I have based this report on all available geological data on the property and adjacent mineral deposits, and on a field examination of the Marie Property on July 17, 1983.
- 7) I consent to the use of this report by International Baron Resources Ltd. in any Filing Statement, Statement of Material Facts, or Prospectus or other publication to be issued by International Baron Resources Ltd.


Peter A. Christopher, P. Eng.
July 28, 1983
Revised January 27, 1987
Revised February 5, 1988



APPENDIX A

RESULTS FROM PERCUSSION DRILL HOLE M6
(FROM: RICHARDS AND CHRISTIE, 1980)

		Au ppb	As ppm
16-20	127	15	38
20-30	128	865	>1000
30-40	129	220	750
40-50	130	385	>1000
50-60	131	445	>1000
60-70	132	160	530
70-80	133	705	400
80-90	134	30	120
90-100	135	15	75
100-110	136	30	160
110-120	137	70	130
120-130	138	20	220
130-140	139	10	53
140-150	140	35	210
150-160	141	15	110
160-170	142	10	80
170-180	143	20	200
180-190	144	10	130
190-200	145	15	80
200-210	146	10	80
210-220	147	10	110
220-230	148	15	160
230-235	149	15	70

M#6

Felsite with 5% disseminated + frac pyrite.

Dark grey basic tuff or speckled sandstone.
1 - 2% disseminated pyrite.

Felsite with 5% disseminated pyrite contaminated by or interbedded with basic tuff as per 70' - 190'.

Peter Christopher & Associates Inc.
GEOLOGICAL & EXPLORATION SERVICES
3707 West 34th Ave., Vancouver, B.C. V6N 2K9

Office/Res: 263-6152

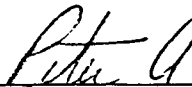
February 5, 1988

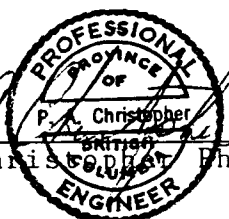
International Baron Resources Ltd.
545-1130 West Pender Street
Vancouver, British Columbia V6N 2K9

Dear Sirs:

I Peter A. Christopher, Ph.D., P.Eng., hereby consent to the use of my report dated July 28, 1983 and revised January 27, 1987 and February 5, 1988 on the Marie Property, Skeena Mining Division, British Columbia, in any Filing Statement, Statement of Material Facts or Prospectus to be issued by International Baron Resources Ltd.

DATED at Vancouver, British Columbia, this 5th day of February, 1988.


Peter A. Christopher Ph.D., P.Eng.

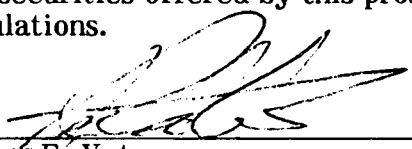


The seal is circular with the text "PROFESSIONAL ENGINEER" around the perimeter and "PROVINCE OF BRITISH COLUMBIA" in the center. The name "P. A. Christopher" and the number "50,000" are stamped over the seal.

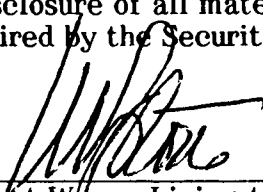
CERTIFICATES

Dated: June 6, 1988

The foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this prospectus as required by the Securities Act and its regulations.

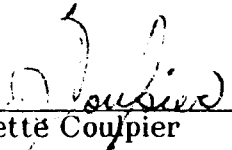


James E. Yates
President

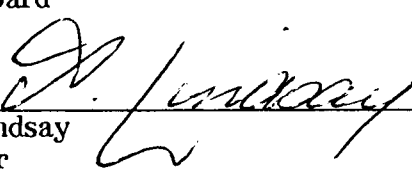


Kent Wayne Livingstone
Secretary

On behalf of the Board



Jeannette Culpier
Director



Alan Lindsay
Director

Promoters



Kent Wayne Livingstone



Alan Lindsay



James E. Yates

To the best of our knowledge, information and belief the foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this prospectus as required by the Securities Act and its regulations.

Canarim Investment Corporation Ltd.

Pacific International Securities Inc.

Per: 

Per: 

Georgia Pacific Securities Corp.

Haywood Securities Inc.

Per: 

Per: 

Wolverton Securities Ltd.

Per: 
