87-86-15575
3/88

GEOLOGY AND GEOCHEMISTRY

OF THE

OWL PROPERTY

ALBERNI MINING DIVISION

BRITISH COLUMBIA

NTS Sheet : 092 F 4 E and 092 C 13 E
Latitude : 49° ~~030~~ 00.6', Longitude : 125° ~~301~~ 31'

Mineral Claims : Owl # 1 2816
Tert 1 2509
Tert 2 2510

Present Owner : Geo P.C. Services Inc, Vancouver
Present Operator : Island Star Resource Corp. of Vancouver

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,575

R.Tim Henneberry, FGAC
Consulting Geologist
March 11, 1987

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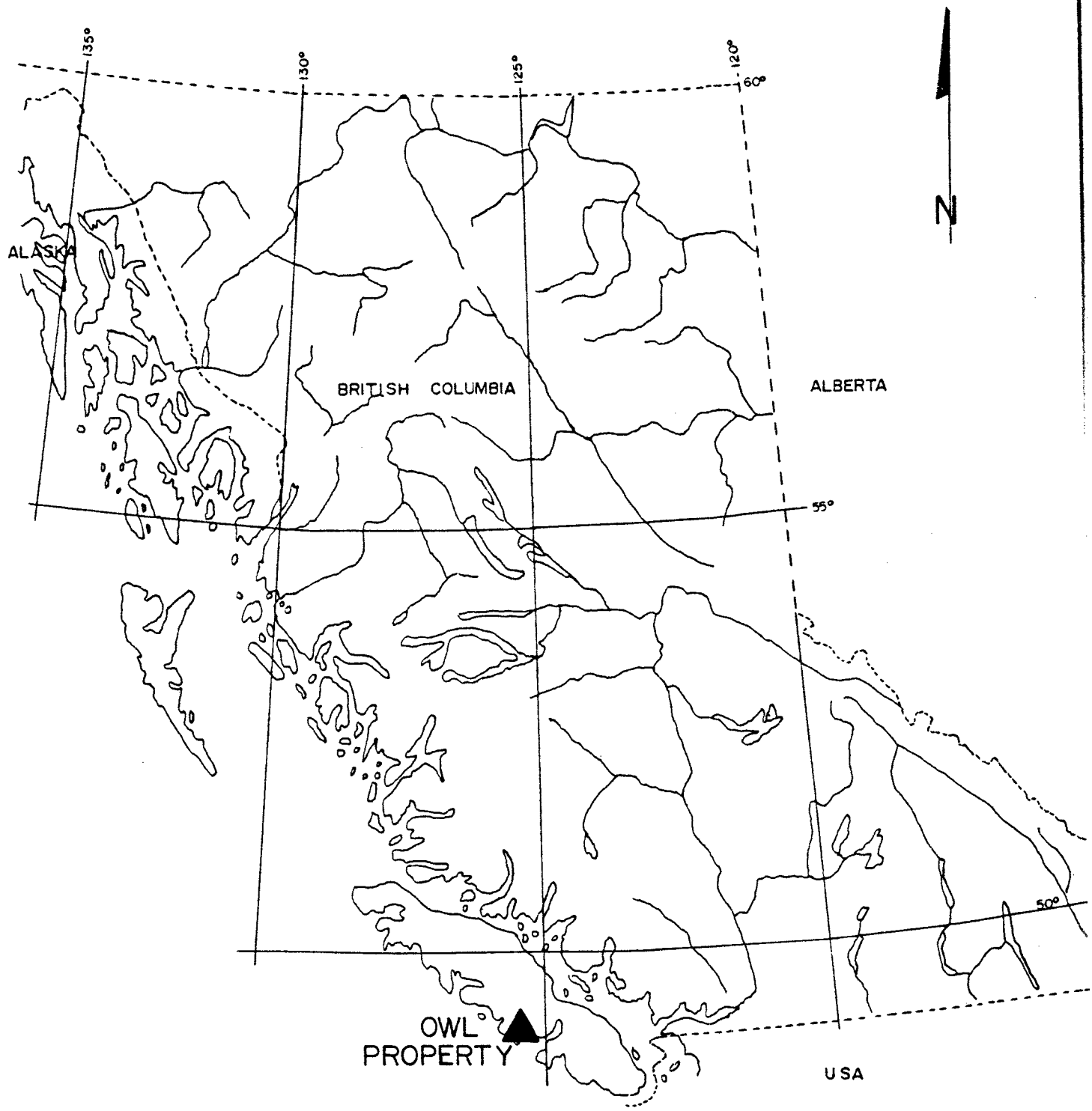
INTRODUCTION

An exploration program consisting of four phases was undertaken on the Owl Property of Island Star Resource Corp. This property is located in the Alberni Mining Division of Vancouver Island. The target is epithermal gold, hosted in a regional shear zone and associated splay and parallel shears within or proximal to an Eocene quartz diorite intrusive, intruding into Bonanza Group and Lost Shoe Formation volcanics.

Previous exploration by B.P. Minerals (1979 - 1980) was concentrated primarily to the north of the present Owl Property. The B.P. Minerals program was directed at locating a bulk tonnage low grade gold deposit in the calcareous sediments of the Parson Bay and Quatsino Formations of the Vancouver Group. The minimal exploration directed to the Owl Property located the M-6 showing, an auriferous sulfide vein within a regional shear zone (the Switch Back Shear Zone).

Financial constraints in the early 1980's necessitated the eventual dropping of the claim group by B.P. Geo P.C. Services Inc. gradually acquired the ground. The claims comprising the present Owl Property were optioned to Island Star Resource Corp.

Phase I and Phase II of the 1986 program were directed at mapping and prospecting the Owl #1 claim in detail. Phase III established a geochemical grid over the strike projection of the Switch Back Shear Zone. Phase IV mapped and prospected the entire property in detail. This phase also included silt sampling of the eastern and western drainages of Mount Fredrick.



PROPERTY LOCATION

DR. BY: RT HENNEBERRY	SCALE:
DATE: FEBRUARY, 1987	APPRD. BY:
CHK'D. BY:	REV.:
DWG. NO. FIGURE 1	

0 100 200 300 400 500

KILOMETRES

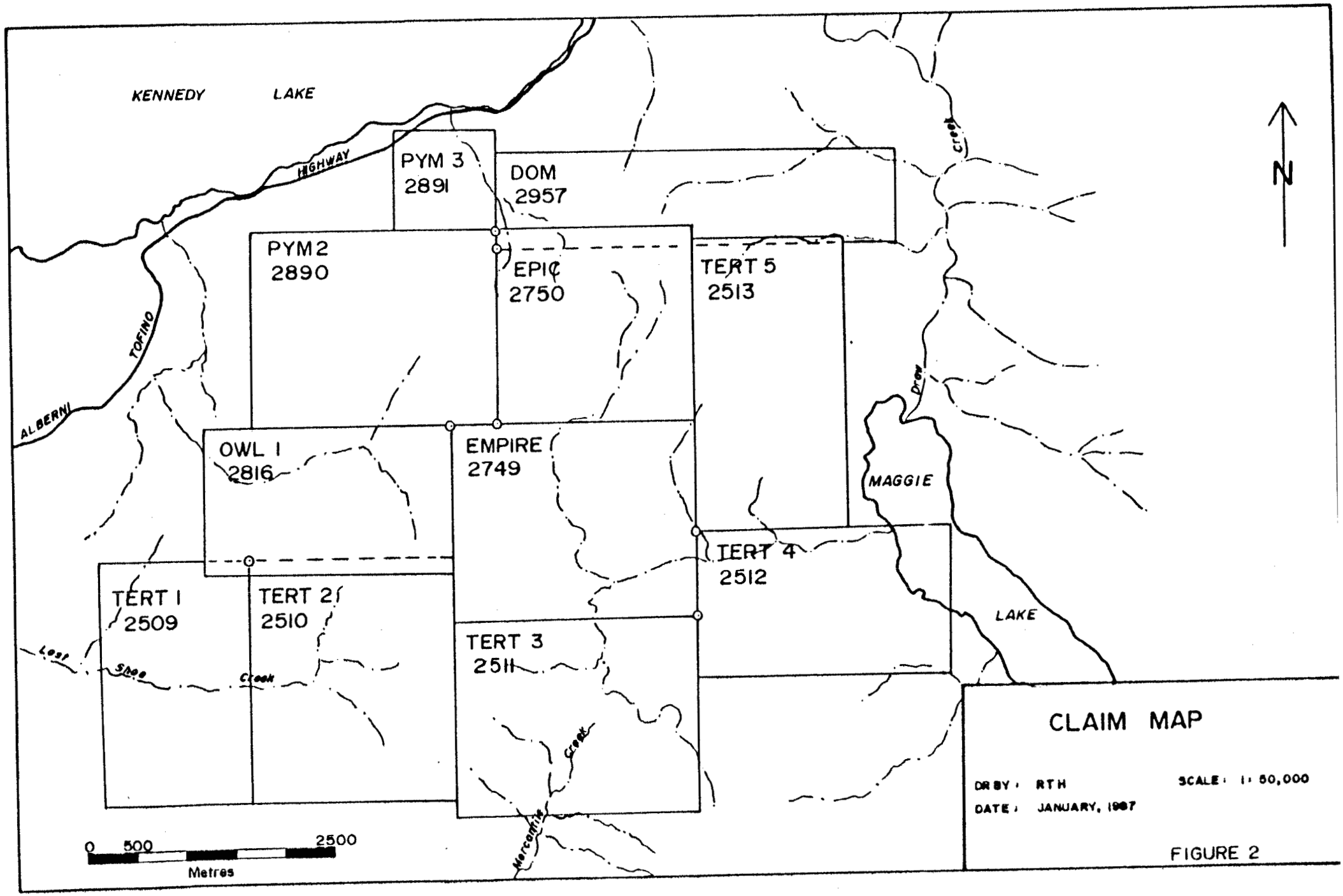
LOCATION, ACCESS

The Owl Property is located immediately east and south of Kennedy Lake, on the west coast of Vancouver Island (Figure 1). Ucluelet is the nearest settlement, 14 road kilometres to the southwest. Access is provided by an excellent network of logging roads connected to the Alberni - Tofino Highway (#4) along the southeast shore of Kennedy Lake. These logging roads access all parts of the claim block.

Topography is comprised of a series of peaks and valleys, the highest of which is Salmonberry Mountain, at 725 metres above sea level. This ranges to 40 metres above sea level on the coastal plain on the north and west sides of the block. Precipitous cliffs are found on the north and west sides of Salmonberry Mountain. Elsewhere foot traverses are quite feasible. The Owl Property actually covers most of Mount Fredrick, the mountain to the south of Salmonberry.

Much of the claim block lies in a recently logged area, resulting in only selected stands of timber remaining at the highest elevations. Lower slopes are poorly to completely overgrown with alders, resulting in local areas of the claims being difficult to traverse.

A large percentage of road work cuts bedrock, indicating overburden is relatively shallow.

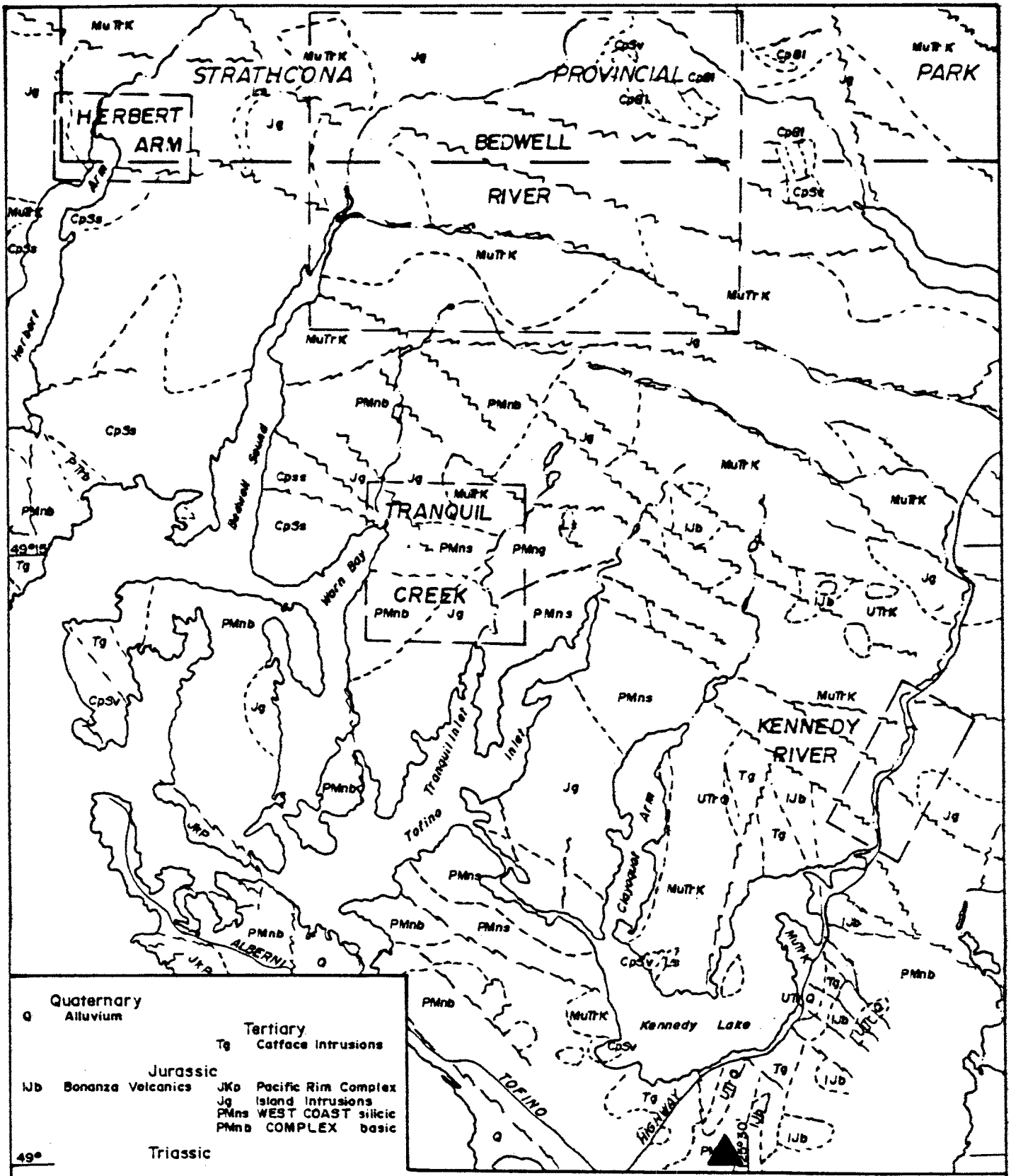

KENNEDY LAKE
HIGHWAY
TOFINO
ALBERNI
PYM 3
2891
DOM
2957
PYM2
2890
EPIC
2750
TERT 5
2513
OWL 1
2816
EMPIRE
2749
TERT 4
2512
TERT 1
2509
TERT 2
2510
TERT 3
2511
MAGGIE
LAKE
Creek
Drew
Lost
Shoe
Creek
Mercantile
Creek
N
0 500 2500
Metres
CLAIM MAP
DR BY : RTH
SCALE : 1 : 50,000
DATE : JANUARY, 1987
FIGURE 2

PROPERTY HOLDINGS
(Figure 2)

The Owl Property consists of the following mineral claims, all held by location:

Claim	Number	Units	Record Date
Owl # 1	2816	15	January 20, 1986
Tert 1	2509	12	March 3,1985
Tert 2	2510	20	March 3,1985

All claims are owned by Geo P.C. Services Inc of Vancouver, and have been optioned to Island Star Resource Corp of Vancouver.



Quaternary
Q Alluvium

Tertiary
Tg Catface Intrusions

Jurassic
IJb Bonanza Volcanics
JKp Pacific Rim Complex
Jg Island Intrusions
PMns WEST COAST silicic
PMnb COMPLEX basic

Triassic
UTrQ Quatsino Formation
MuTrK Karmutsen Formation
PTrb Diabase Sills

Pennsylvanian and Permian
Cp3l Buttle Lake Formation
Cp3s Sediments
Cp3v Volcanics

FROM : MULLER, 1977

0 5 25
Kilometres

KENNEDY LAKE

REGIONAL GEOLOGY

DR BY : R THENNEBERRY SCALE : 1:250,000

DATE : NOVEMBER, 1986

FIGURE 3

REGIONAL AND GENERAL PROPERTY GEOLOGY
(Summarized from Muller, 1986)

The Kennedy Lake area lies near the northwest - trending contact between the West Coast crystalline complex and volcanic and sedimentary rocks of various ages (Figure 3). The area is underlain by mainly volcanic and plutonic, together with minor sedimentary rocks of Paleozoic, Mesozoic and Tertiary age.

The oldest rocks in the area, a heterogeneous assemblage of generally dioritic to quartz dioritic composition, are part of the Paleozoic and / or Mesozoic West Coast Complex. Considerable debate exists on the exact age, as Muller believes these rocks represent assimilated Sicker and Vancouver Group rocks, and are more likely Jurassic in age, related to the Island Intrusions. These rocks cover much of the western side of the claim block.

The Karmutsen Formation forms the base of the Triassic Vancouver Group. Karmutsen rocks are tholeiitic basalts occurring as pillows, pillow breccias, aquagene tuffs and thick, commonly amygdaloidal flows. Karmutsen Formation rocks have not been documented on the claim group.

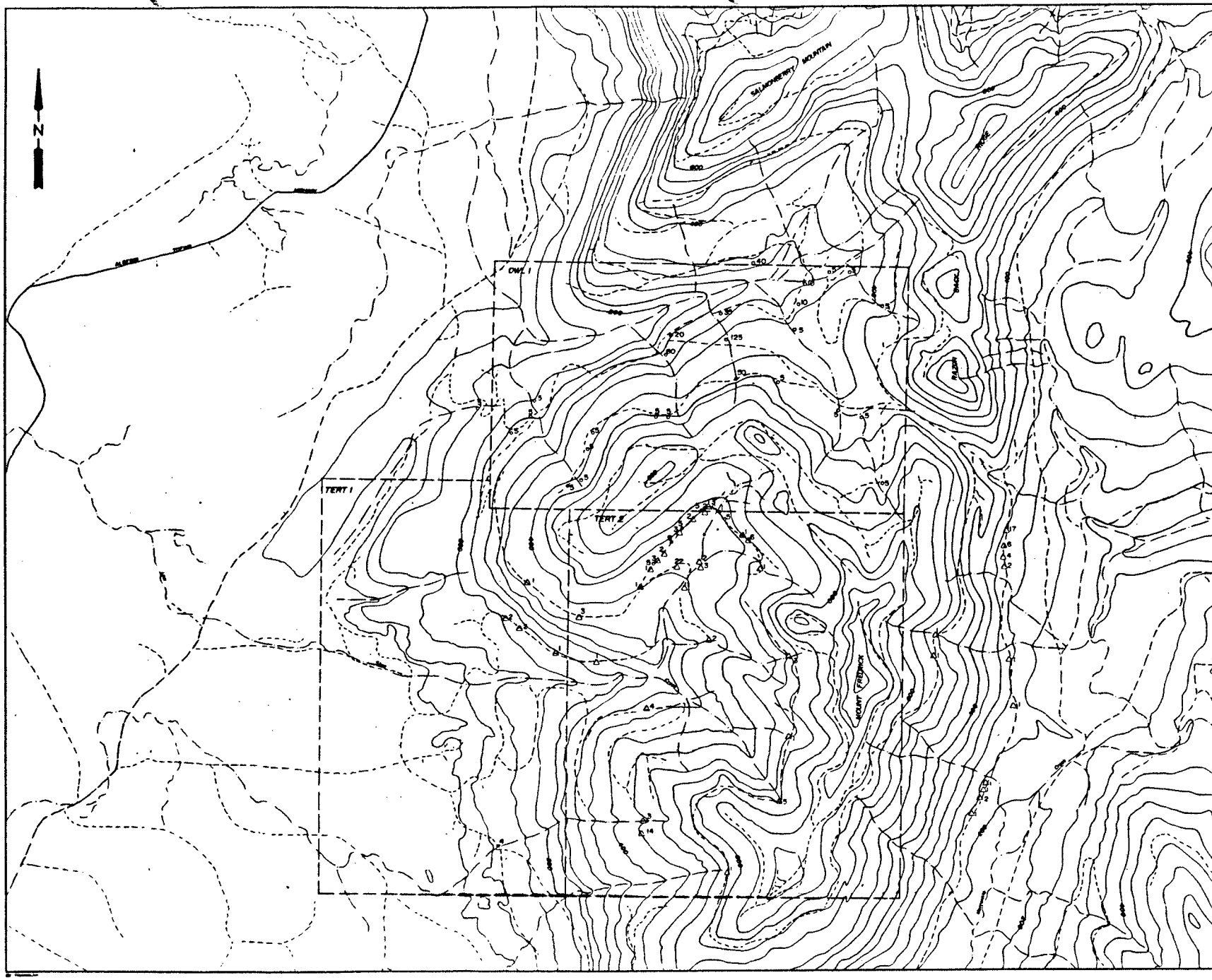
The Quatsino and Parsons Bay Formations make up the remainder of the Vancouver Group. Quatsino rocks are massive limestones, while Parsons Bay rocks are bedded silty limestone and siltstone. These sediments underlie a portion of the northwest corner of the claim block.

Bonanza Group rocks, of early Jurassic age, overlie Vancouver Group rocks. Bonanza volcanics consist of flows, tuffs and breccias, ranging from basalt to rhyodacite in composition. Bonanza volcanics outcrop immediately north and east of the claim block, with a small wedge of Bonanza volcanics mapped in the northern part of the property.

Tertiary stocks and dykes are noted throughout the Kennedy Lake area. They are generally linked as the Eocene Catface Intrusions, and have been documented as far to the north as Zeballos. Eocene intrusions are generally quartz dioritic to quartz monzonitic in composition. Contacts are generally sheared or faulted. The north central part of the claim block is underlain by an Eocene intrusion, the Paradise Creek Stock.

Tertiary volcanics, consisting of welded tuffs, breccias, basaltic tuff and rhyodacite tuff, form the Lost Shoe Formation. Muller believes these rocks may be related to the Tertiary intrusive. The Lost Shoe Formation outcrops over the southern half of the property.

Structurally, the area is dominated by two primary shear directions, 020 degrees and 160 degrees. Muller believes these high angle faults are more or less coincident with Tertiary volcanism as the Lost Shoe volcanics are offset by the faults.



ISLAND STAR RESOURCE CORP

OWL PROJECT

SILT GEOCHEMISTRY Au (ppb)

DRAWN BY	R.T.HENNESSEY	SCALE	1: 10,000
CHECKED BY		DATE	DECEMBER, 1988
APPROVED BY		DRAWING NO	FIGURE 4

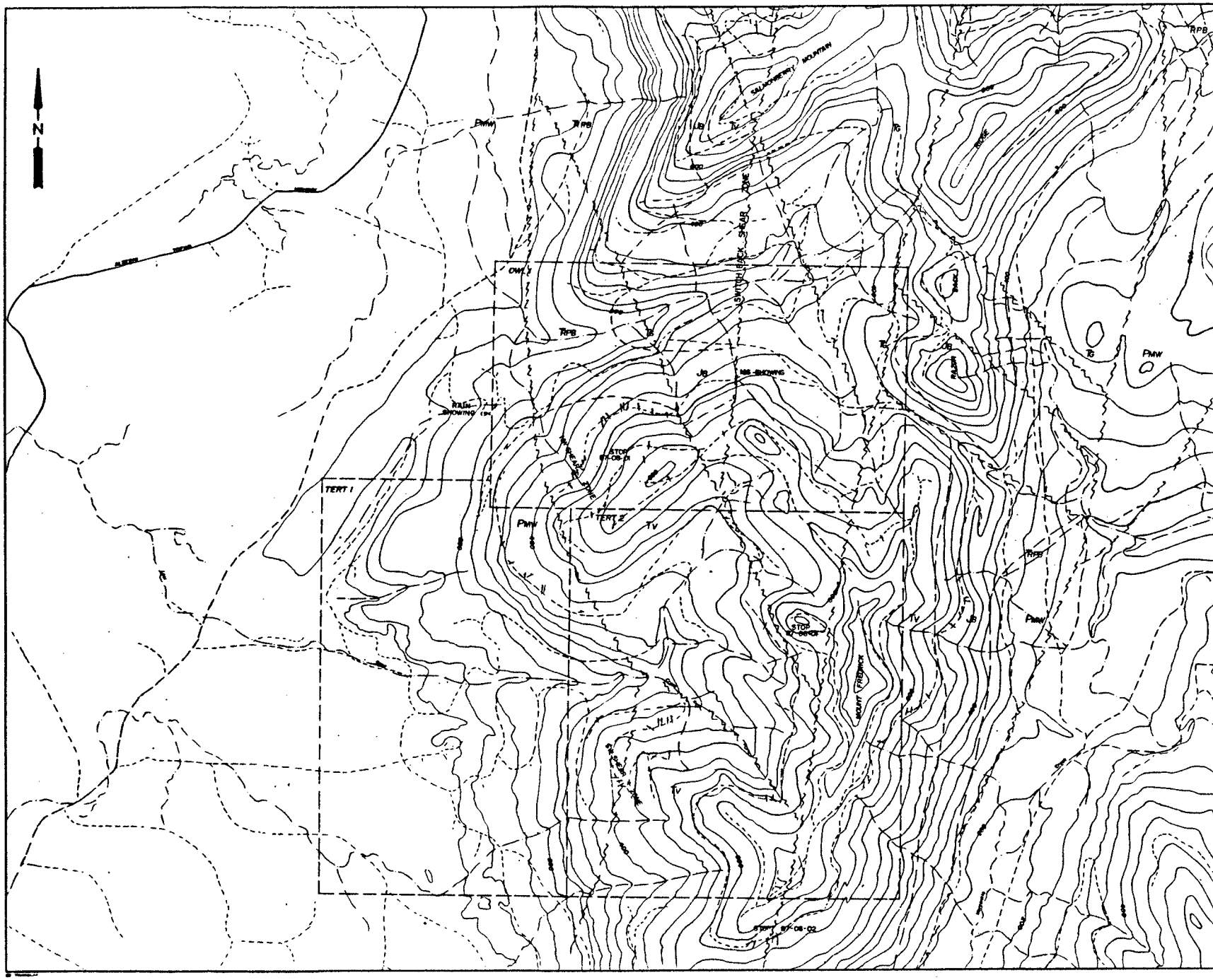
PREVIOUS EXPLORATION

Although several small gold camps were located during the 1930's in the general area (ie. Kennedy Lake, Bedwell River and Herbert Arm) (Figure 3), prospecting for gold was not documented in the claim area until the late 1970's when an geologist with B.P. Minerals took a silt sample from a creek draining the area. This sample returned an anomalous gold value, and lead to a regional silt geochemistry survey. The resulting anomalous area was staked as the Mowgli Group.

B.P. Minerals (Hoffman and Humphreys, 1981) carried out the only previous exploration program on the property, though the program was primarily directed north of the present Owl Property boundaries. This program, under the direction of Hoffman of B.P. Minerals, was concentrated on locating a low grade bulk tonnage gold deposit (of the Carlin or Cinola type) within the calcareous sediments of the Parson Bay and Quatsino Formations outcropping on the west half of Salmonberry Mountain and southwest flank of Mount Dawley. The exploration program consisted of geological mapping, as well as, soil, silt and rock chip geochemical sampling.

This program met with only limited success. Indications of local silicification were noted haloing shear zones within the Parsons Bay on Salmonberry Mountain and within the Quatsino on Mount Dawley. The silicification did not have any strike or dip continuity, nor did it yield anomalous gold values though it did indicate hydrothermal activity had occurred within the shear zones. Two shear hosted auriferous zones were located by following up gold silt geochemical anomalies. The Main showing is not located on the present claim group. The M-6 showing is the focus of the Island Star exploration program.

B.P. Minerals silt geochemistry identified gold anomalies on the lower north flank of Mount Fredrick (Figure 4). These anomalies can be traced across the valley and up the south flank of Salmonberry Mountain, tracing the Switch Back Shear Zone, a regional fault or shear zone. The M-6 showing lies along this structure. A narrow vein/shear target is not of interest to B.P. Minerals, hence Hoffman recommended continuing to explore for a bulk tonnage zone in the calcareous sediments.



LEGEND

TERTIARY

- REGIONAL SHEAR / FAULT
- SHEAR ZONE, dip direction
- **Tv** LOST SHOE VOLCANICS
  dacite, rhyodacite; flows, tuffs, ignimbrites
- **Tg** CATFACE INTRUSIONS
  quartz quartz diorite, biotite quartz monzonite, quartz feldspar porphyry

EARLY TO MIDDLE JURASSIC

- **Jb** BONANZA GROUP
  basaltic to rhyodacitic flows, tuff, breccia; sills and dykes; minor greywacke, argillite

LATE TRIASSIC

- **TrPB** PARSON BAY FORMATION
  well-bedded carbonaceous, calcareous, siltstone, grey limestone; commonly silicified near intrusive contacts
- **TrQ** QUATSINO FORMATION
  well-bedded massive to reefoid limestone

PALEOZOIC AND/OR MESOZOIC

- **Pmw** WESTCOAST COMPLEX
  quartz diorite, diorite, granodiorite, agmatite, metamorphic and metasedimentary rocks

Cross — Logging road

LITHOLOGIC MAPPING BY MULLER

SHEAR ZONE MAPPING BY HENNEBERRY

0 500 1000 metres

CONTOUR INTERVAL 50 METRES

ISLAND STAR RESOURCE CORP

OWL PROJECT
PROPERTY GEOLOGY

DRAWN BY	G.T. HENNEBERRY	SCALE	1: 10,000
CHECKED BY		DATE	DECEMBER, 1988
APPROVED BY		DRAWING NO	FIGURE 5

1986 EXPLORATION PROGRAM

The 1986 exploration program formed 4 distinct phases. Phase I consisted of property mapping and prospecting by Aurum Geological Consultants. Phases II and III consisted of property mapping and prospecting by Benvenuto, as well as a presently incomplete soil grid over the suspected strike projection of the M-6 shear zone. Muller also looked briefly at the geology of the property. Phase IV, based on the recent exploration program on Salmonberry Mountain to the north by Aintree Resources Ltd (Henneberry, 1986) which suggested gold is confined to shear zones cutting the Tertiary intrusive and older rocks, consisted of detailed prospecting and silt sampling over the entire claim group by the author.

Phase I - Mapping and Prospecting
Garagan and Keyser, 1986 (Figure 5 and Figure 6)

This program, conducted by Aurum Geological Consultants in May 1986, concentrated on the Owl #1 claim. Mapping was also concentrated to the northeast of the present Owl Property. A total of 37 rocks and 5 soils were collected. The Owl #1 claim was mapped at a scale of 1 : 10,000. Mapping and prospecting was for the most part confined to the numerous road cuts on the north and west slopes of Mount Fredrick.

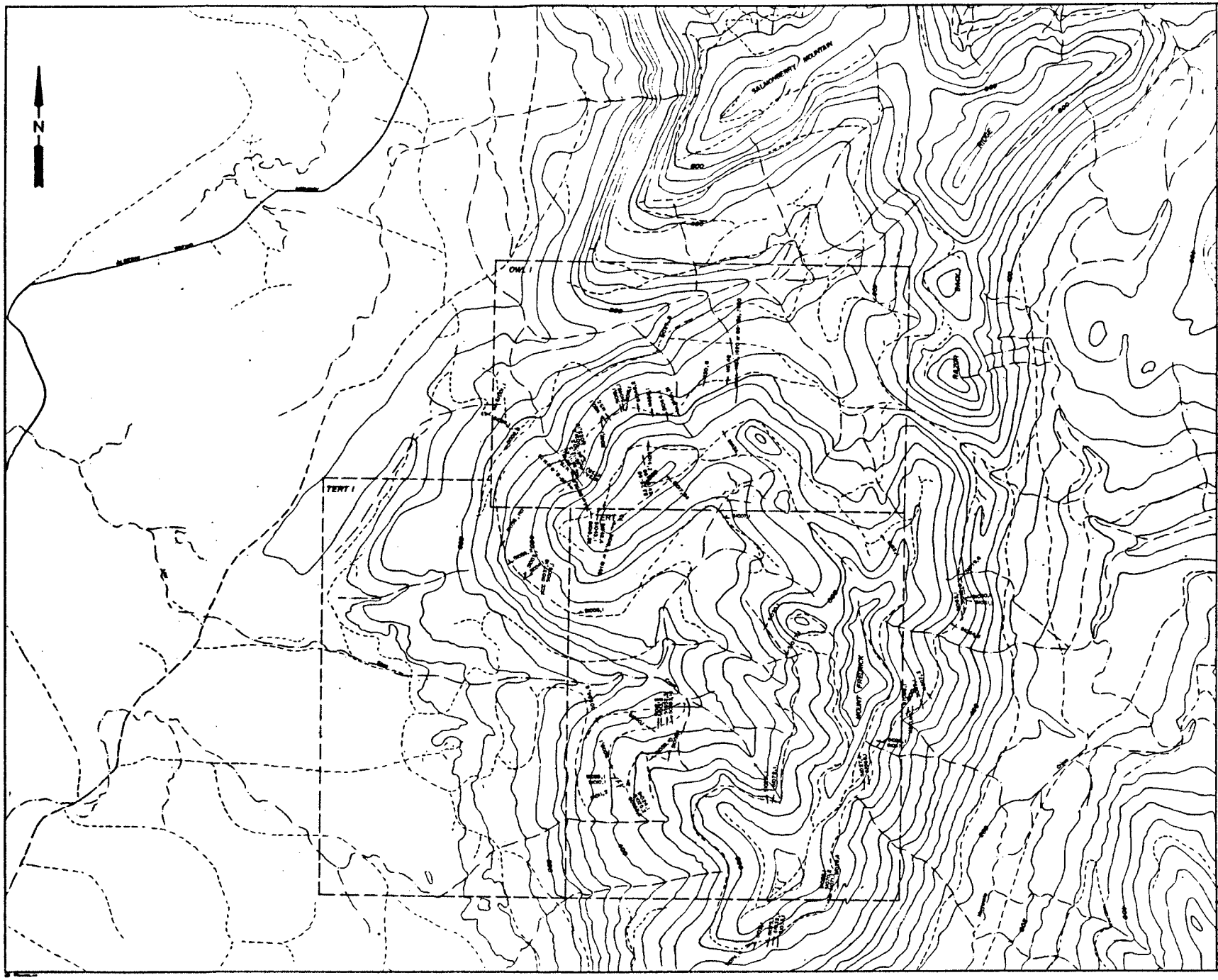
The results of the Aurum program were encouraging (APPENDIX A). Sampling down the face of the M-6 showing yielded values as high as 3850 ppb Au over a width of 1.10 metres. A zone of weak hydrothermal alteration and possible chalcedonic breccia was also located. Assay results from this zone did not exceed background. A zone of bull quartz veining (labeled the Rain Zone) was also located. Again, assay results did not exceed background. Non-auriferous pyrite horizons were also identified in the Lost Shoe Formation. All sample information is appended.

Aurum recommended more detailed exploration in the area of the M-6 showing, including geophysical and geochemical sampling, trenching and diamond drilling. They also recommended prospecting of the entire property group.

Phase II - Mapping and Prospecting
Benvenuto, 1986 (Figure 5 and Figure 6)

Benvenuto carried out an extremely detailed mapping program over much of the ground previously covered by Aurum, as well as ground to the south and east of the Owl #1 claim. His mapping was at a scale of 1 : 5,000. Benvenuto divided his mapping and sampling effort between locating sulfide mineralization within the tuffs of the Lost Shoe Formation (16 samples) and examining several shear zones along the north face of Mount Fredrick (21 samples) (APPENDIX B).

Nothing of significance was noted in the volcanics. The only significant gold values obtained from the shear zone sampling


N
OWL 1
TENT 1
TENT 2
SALMONBERRY MOUNTAIN
MOUNT FREDRICK
RIDGE
BASIN
Sample number, ppb Au
86 - Aurum Geological sampling
M Bamaruto sampling
S---- Hammeberry sampling
0 500 1000
CONTOUR INTERVAL IS 40 METRES
ISLAND STAR RESOURCE CORP
OWL PROJECT
SHEAR ZONE ASSAY OVERLAY
SCALE 1: 10,000
DATE DECEMBER, 1986
FIGURE 6

originated from the M-6 showing. Significant gold values have been located both in the foot wall (M-6B : 1780 ppb Au over 1.60 metres) and the hanging wall (M-25A : 1830 ppb Au over 2.10 metres) of the M-6 showing (M-6A : 1820 ppb Au over 2.60 metres). These values give an average of 1813 ppb (or 0.058 ounces per ton) Au over a width of 6.30 metres . No conclusions or recommendations were made in this report.

Phase III - A Grid Geochemical Sampling

This program was carried out to trace the strike projection of the Switch Back Shear Zone, as well as to explore for parallel structures. A baseline of 1000 metres was established at 005 degrees. Cross lines were spaced at 200 metre intervals along the baseline. These lines were flagged 800 metres to the east and 600 metres to the west of the baseline. The sample interval was 25 metres along the cross lines. A total of 171 samples were taken. The grid is presently incomplete with 165 samples remaining to be taken. Samples were taken from the "B" horizon and analyzed using Acme Analytical Labs 30 element ICP technique. Plots were completed for Au, Ag, As, Pb and Hg.

The results and conclusions are tentative because the presently incomplete sampling was not successive line by line. Simple statistics were performed to establish the mean and the standard deviation of each population.

Gold (Figure 7a) :

The gold population gave a mean of 9.05 ppb with a standard deviation of 43.11 for 171 samples. The Switch Back Shear Zone, identified on line 600 N (125 to 225 E), yielded values from 11 to 40 ppb. A value of 550 ppb was located approximately 200 metres in the hanging wall of the Zone. Data is not available for lines 400 N and 200 N. Two anomalies were located on line 000. A value of 42 ppb was recorded at station 450 W and values of 22 and 130 ppb were recorded at stations 75 W and 50 W. Very little of significance has been found on the southern lines 200 S and 400 S. Completion of the sampling is required before comments on the strike potential of the Switch Back Shear Zone can be made.

Silver (Figure 7b) :

The silver sampling yielded a mean of 0.37 ppm with a standard deviation of 0.27 for 171 samples. Values from 0.5 ppm to 1.2 ppm were obtained from the Switch Back Shear Zone on line 600 N. A zone of anomalous values ranging from 0.5 ppm to 1.5 ppm were obtained on line 400 S along the suspected strike projection of the Switch Back Zone. One anomalous value of 1.5 ppm was recorded on the western end of line 200 S. Silver seems to have traced the Switch Back Shear Zone, though there is definite low on lines 000 and 200 S.

Arsenic (Figure 7c) :

Arsenic sampling yielded a mean of 24.33 ppm and a standard deviation of 19.48 for 171 samples. Arsenic appears to trace the Switch Back Zone from line 600 N through to line 400 S, with a

definite low on line 000. Anomalous arsenic values were obtained from the eastern end of lines 600 N and 400 S.

Mercury (Figure 7d) :

Mercury responses averaged 175 ppb with a standard deviation of 110 ppb for 171 samples. The Switch Back Shear Zone appears to have yielded anomalous responses on lines 400 N, 200 S and 400 S, though anomalous responses are scattered throughout all lines on the presently completed grid.

Lead (Figure 7e) :

The lead soil mean was 16.86 ppm and the standard deviation was 8.77 ppm for 171 samples. Anomalous lead values were obtained on lines 600 N, 000, 200 S and 400 S tracing the suspected strike of the Switch Back Shear Zone. An anomalous value was obtained on the western end of line 200 S. Lead appears to be an excellent indicator element for the Switch Back Shear Zone.

The location of anomalous values on lines 600 N, 400 S and to a lesser extent 200 S as compared to line 000 may reflect movement through to above a zone of precious metal concentration within the Switch Back Shear Zone, with increasing elevation. Completion of the soil grid is required to trace the Switch Back Shear Zone and follow up on some of the spot anomalies located by the individual elements. Expansion of the grid to the north and south may be warranted.

Phase IV - Property Mapping and Sampling (Figure 5, Figure 6)

The purpose of this phase of the exploration program was to assess the potential of the Owl Property, and tie in the previous exploration phases based on the results of the recent exploration program on the Aintree Resources Property on the other side of the valley. Geological mapping was conducted over the entire property. Silt sampling was conducted over drainages on the west and east slopes of Mount Fredrick. A total of 68 rock and 45 silt samples were taken.

The suspected strike extension of the Switch Back Shear Zone was prospected with minimal results. The zone does not outcrop on the roads above or below the M-6 showing road. The road below the M-6 showing, lies near the floor of the valley with intermittent outcrop. The roads above the M-6 showing have semi-continuous outcrop with talus. Perhaps the zone lies beneath this talus, as there is considerable talus along its suspected strike. Heavy overburden covers much of the other side (south side) of Mount Fredrick, masking the suspected strike projection. Geochemical sampling and geophysics may trace the structure.

A large hydrothermal alteration zone (NW Zone) was located on the northwest slope of the mountain. This location has been previously sampled by Benvenuto. This zone consists of a 2.6 metre wide chlorite limonite gouge with a 30 to 50 metre zone of intense chloritic alteration. The chlorite zone is cut by numerous shallow to steeply dipping limonite gouge zones and / or

quartz veins of widths generally less than 10 centimetres. This is a major shear zone / hydrothermal conduit with an associated shear zone. The quartz veins are extremely vuggy and have euhedral quartz needles. Occasional malachite stain was the only mineralization noted. The zone carried gold values less than 10 ppb. The quartz vein grab samples are anomalous with values of 54 and 20 ppb Au, indicating the structure is auriferous. This zone is extremely interesting because of the large alteration zone associated with it, unlike the Switch Back Shear Zone with minimal associated wall rock alteration. This zone appears to be on strike with the Aurum chalcedonic breccia zone. Some follow up geochemistry is required.

A second zone of intense hydrothermal alteration (SW Zone) was mapped on the south side of the Lost Shoe Creek Valley. The shear zone itself, 3.7 metres wide, is a zone of intense brecciation with strong chloritic and argillic alteration. A distinct foot wall gouge was noted. The entire zone is masked by limonite. There is a 7 metre zone of chloritic and argillic alteration with limonite in the hanging wall and a 5 metre zone of similar alteration in the foot wall. Gold values did not exceed background. 300 metres in the hanging wall of this zone a series of intensely altered sub-parallel shear zones occur within a 30 to 50 metre wide alteration zone consisting of clays and limonite with much lesser chlorite. The sub-parallel zones strike 350 to 010, suggesting a junction to the south of the SW Zone outcropping. No veining or mineralization was noted, and gold values returned were only marginally above background. A short grid along the main zone in the suspected junction area may uncover potential mineralization in the junction area.

Aurum's "Rain" showing, a 40 metre wide zone of "quartz veining" in the Jurassic basement was examined. This "quartz veining" appears to "sweated out" of the surrounding country rock during regional metamorphism, likely representing the remnants of a silica rich bed (ie. an extremely metamorphosed sandstone). The noticeable absence of alteration seems to support this observation. No mineralization was noted.

To the south of the present property boundaries (Stop 87-06-02), a zone of strong brecciation and shearing is associated with a large Tertiary intrusive plug, 10 metres in width (270/60 N). The dyke itself shows little alteration or mineralization, and is only weakly fractured. The intruded Lost Shoe Volcanics are well brecciated and show shearing in two dominant directions (260-280 and 010-030). Though no visible sulfides are associated with these shear zones, good limonite and clay alteration are. Local strong iron staining (weathered sulfides ?) is also noted. Samples from 5 different shear zones in the immediate area did not exceed background.

An interesting zone was noted on west central Mount Fredrick (Stop 87-06-01). This locale hosts a 20 to 30 metre zone of intense limonite alteration associated with the hanging wall of a Tertiary (?) andesitic dyke. This zone is traceable through the small ridge on which it is located (a strike length of 100 to 150 metres). No distinct gouge or shear structures were noted, though the dominant structural trend of the zone is 340 degrees. This zone was not sampled.

Stop 87-08-01 on north Mount Fredrick hosts a series of parallel clay (?) seams in a competent lapilli tuff of the Lost Shoe Formation. These gouge seams are 2 to 5 centimetres wide and can be spaced at intervals from 5 to 60 centimetres. No wall rock alteration or fracture alteration was noted. Minor clay is the only alteration associated with the seams themselves. The entire zone of some 6 metres shows weak limonite alteration, and possibly represents a major shear zone. Seam orientations are 330 to 350 degrees with an east dip of 50 to 70 degrees. No samples were taken.

Silt sampling met with only limited success. Of the 45 samples taken only three were weakly anomalous. A silt sample taken on the north side of Lost Shoe Creek Valley carried 22 ppb Au. Structure has not presently been documented in the area of this drainage. Some follow up prospecting is required.

DISCUSSION

In general, shear zones located on the north and northwest slopes of Mount Fredrick range in width from 20 to 120 centimetres, except for the regional zones located ranging from 2 to 5 metres in width. Well defined contacts may contain gouge on either or both contacts. Alteration for the most part confined to the shear itself, consists of limonite staining with chlorite, clays and sericite. Mineralization is very seldom noted, though weathered sulfides are common. Two dominant strike directions were noted 330 to 350 degrees with a steep east dip and 010 to 030 degrees with a steep east dip. Shear zones are hosted by all lithologies. Surface weathering causes identification problems on the higher slopes, hence some zones may have been overlooked.

Three important areas have been identified on the property (Figure 5). The most important is the Switch Back Shear Zone in the M-6 showing area. The NW Zone on the northwest flank of Mount Fredrick is also of interest. Third is the SW Zone on the south side of Lost Shoe Creek Valley. Indications of hydrothermal activity have been documented in suspected regional shear/fault structures, thought to represent major hydrothermal conduits. Extensive alteration zones, in the order of 10 to 30 metres, have been mapped for the NW and SW Zones. Numerous sub-parallel shear structures with splaying strikes from the main zones have been mapped in proximity (within 300 metres) of each of the zones. These areas could represent locations where economic concentrations of mineralization may be located.

Switch Back Shear Zone

Economic gold mineralization at the M-6 showing make this structure the most attractive one on the property. The large number of sub-parallel to sub-perpendicular (ie. splay), shear structures in both the foot wall and hanging wall of the Switch Back Zone suggest considerable structural activity has taken place. Splay structure / Switch Back Zone junctions are attractive exploration targets. Soil geochemistry has located anomalous precious metal values within individual splay structures.

Completion and tightening of the A grid is recommended. Lines 800 N, 700 N, 500 N, 400 N, 300 N, as well as completion of lines 200 N and 000 are recommended for the north end of the grid. Lines 300 S, 500 S and 600 S, as well as completion of lines 200 S and 400 S are recommended for the south end of the grid. VLF-EM and proton magnetometer surveys, followed by detailed geological mapping of the grid is also recommended. Follow up trenching of anomalies and diamond drilling completes the recommended program for the Switch Back Shear Zone.

NW Shear Zone

The presence of quartz veins carrying anomalous gold values in a large zone of hydrothermal alteration argue for further exploration. Proximal splaying shear structures further enhance the potential of this structure. As with the Switch Back Shear Zone, splay / NW Zone junctions are the target.

A short geochemical and geophysical grid over the strike projection of this structure is recommended. A base line of 800 metres, with cross lines of 400 metres in each direction, spaced at 200 metre intervals will adequately cover the area of interest.

SW Shear Zone

Similar situations to the Switch Back and NW Shear Zones exist on this structure. Samples taken from the structure itself and from splay structures did not exceed background gold values.

A short grid is recommended nonetheless. "A" grid soil sampling suggested gold values within the Switch Back Shear Zone may be controlled by elevation. Rock samples taken from the SW Shear Zone and its splay structures may lie outside of the auriferous elevation. A base line of 800 metres, with 400 metre cross lines in each direction spaced at 200 metre intervals is recommended. VLF-EM and proton magnetometer followed by detailed geological mapping of the grid forms the remainder of the SW Shear program.

As well, the extreme south of Mount Fredrick represents an area of interest. Several interesting structures are located within the alteration halo of an intruding Tertiary dyke. This may be a situation similar to that on the Umex ground to the south. It would be advisable to obtain a copy of their assessment reports.

CONCLUSIONS AND RECOMMENDATIONS

Further exploration is warranted on the Owl Property. The largest percentage of the exploration program should be aimed at exploring the Switch Back Shear Zone and its associated splays. Switch Back exploration will consist of completing and expanding the A Grid, with follow up trenching and diamond drilling of anomalies. Short geochemical and geophysical programs are also recommended for the NW and SW Shear Zones.

The following work program is recommended for the Switch Back Shear Zone :

1) Complete and tighten the A Grid. Establish lines 800 N, 700 N, 500 N, 400 N, 300 N, 300 S, 500 S and 600 S. Complete lines 200 N, 000, 200 S and 400 S.

2) Complete VLF-EM and proton magnetometer surveys over the entire grid.

3) Trench selected co-incidental soil / geophysical anomalies.

4) Diamond drill the immediate M-6 showing area. Diamond drill selected co-incidental soil / geophysical anomalies.

The following work program is recommended for the NW Shear Zone :

1) Establish a small grid over the strike projection of the Zone. Grid parameters are : baseline 800 metres, cross line spacing 200 metres, cross line length 800 metres (400 in either direction), and 25 metre station spacing on cross lines. Soil geochemistry, VLF-EM and proton magnetometer surveys will follow.

2) Trenching and diamond drilling of selected geochemical and geophysical targets will follow.

The following work program is recommended for the SW Shear Zone :

1) Establish a small grid over the strike projection of the Zone. Grid parameters are : baseline 800 metres, cross line spacing 200 metres, cross line length 800 metres (400 in either direction), and 25 metre station spacing on cross lines. Soil geochemistry, VLF-EM and proton magnetometer surveys will follow.

2) Trenching and diamond drilling of selected geochemical and geophysical targets will follow.

REFERENCES

Benvenuto,G. (1986). Mapping and sampling notes for the Mowgli Claims. Island Star Resource Corp. private report

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STATEMENT OF QUALIFICATIONS

I, R.Tim Henneberry, am a consulting geologist residing at 4054 Dundas Street, Burnaby, B.C.

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May, 1980.

I have practiced my profession continuously since graduation.

I am a Fellow of the Geological Association of Canada.

This report is based on a mapping and sampling program undertaken by the author from January 5 to 9, 1987 and on a review and compilation of the existing data on the Owl Property.

I hereby grant my permission for Island Star Resource Corp. to use this report for filing with the Vancouver Stock Exchange as partial requirement of a Statement of Material Facts or for any legal purpose normal to the business of Island Star Resource Corp.

DATED this 13th day of March in the City of Vancouver, British Columbia.

R. Tim Henneberry

R.Tim Henneberry, FGAC

STATEMENT OF COSTS

A Grid
(August 10 to 14, 1986)

Personnel	
Warren Robb 5 days at $100.00	500.00
James Weatherill 5 days at $100.00	500.00
Accommodation	
5 days at $50.00	250.00
Transportation	
5 days at $30.00	150.00
Analysis	
171 soil samples at $9.00	1539.00
TOTAL A GRID COSTS	2939.00

Property Mapping
(August 15 to August 28, 1986)

Personnel	
Gary Benvenuto 14 days at $150.00	2100.00
Accommodation	
14 days at $50.00	700.00
Transportation	
14 days at $30.00	420.00
Analysis	
30 rock samples at $11.25	337.50
TOTAL PROPERTY MAPPING COSTS	3557.50

TOTAL COSTS FOR ASSESSMENT	6496.50

File only 5 thousand dollars worth of assessment.

APPENDIX A
Soil Sampling Data

OWL GRID

Line	Station	Au (ppb)	Ag (ppm)	As (ppb)	Hg (ppb)	Pb (ppm)
6 + 00 N	4 + 75 W	1	0.2	13	180	42
	4 + 50 W	1	0.3	10	260	18
	4 + 25 W	8	0.5	23	170	31
	4 + 00 W	3	0.3	16	150	16
	3 + 75 W	4	0.5	10	220	13
	3 + 50 W	1	0.3	6	80	11
	3 + 25 W	2	0.6	19	150	28
	3 + 00 W	23	0.2	18	130	13
	2 + 75 W	1	0.4	20	120	8
	2 + 50 W	1	0.4	18	60	6
	2 + 25 W	2	0.3	31	150	22
	2 + 00 W	7	0.9	35	140	14
	1 + 50 W	14	0.8	43	160	24
	1 + 25 W	3	0.3	18	30	13
	1 + 00 W	7	0.4	56	100	18
	0 + 75 W	2	0.2	2	180	7
	0 + 50 W	1	0.7	4	220	17
	0 + 25 W	1	0.5	6	170	17
	0 + 00	5	0.5	9	130	15
	0 + 25 E	7	0.3	12	140	17
	0 + 50 E	13	0.5	22	90	18
	1 + 25 E	24	0.4	33	220	24
	1 + 50 E	3	0.4	60	240	55
	1 + 75 E	40	1.1	32	120	25
	2 + 00 E	26	0.5	29	60	28
	2 + 25 E	37	1.2	97	120	49
	2 + 50 E	11	0.8	50	340	24
	2 + 75 E	9	1	48	700	26
	3 + 00 E	10	0.3	43	410	17
	3 + 25 E	1	0.3	24	140	14
	3 + 50 E	18	0.5	67	210	26
	3 + 75 E	3	0.3	63	200	27
	4 + 00 E	1	0.2	55	400	15
	4 + 25 E	550	0.3	39	40	7
	4 + 50 E	2	0.3	28	150	19
	4 + 75 E	1	0.6	49	220	19
	5 + 00 E	3	0.4	19	110	13
	5 + 50 E	10	0.4	26	230	17
	5 + 75 E	10	0.4	32	250	19
	6 + 00 E	9	0.4	29	200	11
	6 + 25 E	8	0.2	47	190	19
	6 + 50 E	13	0.1	96	130	36
	6 + 75 E	8	0.2	53	180	23
	7 + 00 E	7	0.5	54	140	23
	7 + 25 E	2	0.5	67	130	28
	7 + 50 E	3	0.2	71	100	24
	7 + 75 E	1	0.2	58	110	25

OWL GRID

Line	Station	Au (ppb)	Ag (ppm)	As (ppb)	Hg (ppb)	Pb (ppm)
2 + 00 N	6 + 75 W	1	0.1	4	170	17
	6 + 50 W	1	0.4	7	300	11
	6 + 25 W	4	0.2	6	150	7
	6 + 00 W	3	0.1	4	30	3
	5 + 75 W	1	0.2	2	190	14
	4 + 75 W	9	0.4	10	170	17
	4 + 25 W	4	0.1	10	190	17
	4 + 00 W	6	0.2	9	230	12
	3 + 75 W	5	0.2	12	160	13
	3 + 50 W	4	0.3	10	310	26
	3 + 25 W	8	0.3	13	300	17
	3 + 00 W	5	0.1	19	240	27
	2 + 75 W	9	0.1	15	80	16
	2 + 50 W	8	0.5	14	560	24
	2 + 25 W	10	0.2	6	80	12
	2 + 00 W	5	0.6	10	220	13
	1 + 75 W	3	0.2	7	110	10
	1 + 50 W	6	0.4	9	440	16
	1 + 25 W	8	0.4	10	350	14
	0 + 75 W	5	0.3	8	330	14
	0 + 50 W	9	0.1	9	200	24
	0 + 25 W	1	0.1	2	300	17

OWL GRID

Line	Station	Au (ppb)	Ag (ppm)	As (ppb)	Hg (ppb)	Pb (ppm)
0 + 00	5 + 25 W	3	0.1	4	50	2
	5 + 00 W	1	0.1	6	40	8
	4 + 75 W	2	0.3	4	150	24
	4 + 50 W	42	0.2	7	140	4
	4 + 25 W	3	0.1	3	80	10
	4 + 00 W	1	0.3	7	130	13
	3 + 75 W	1	0.1	5	40	2
	3 + 50 W	1	0.2	16	160	20
	3 + 25 W	1	0.3	11	200	31
	3 + 00 W	1	0.2	17	220	18
	2 + 00 W	1	0.1	25	60	12
	1 + 75 W	2	0.1	23	50	19
	1 + 50 W	1	0.1	31	40	12
	1 + 00 W	8	0.1	16	110	13
	0 + 75 W	22	0.1	2	310	15
	0 + 50 W	130	0.1	18	280	15
	0 + 25 W	6	0.6	8	190	9
	0 + 00	13	0.3	13	130	15
	0 + 25 E	14	0.1	10	50	7
	0 + 50 E	3	0.2	4	160	9
	0 + 75 E	12	0.1	16	120	12
	1 + 00 E	6	0.2	17	170	13
	1 + 25 E	1	0.1	33	90	13
	1 + 50 E	2	0.6	30	120	13
	1 + 75 E	1	0.2	28	80	23
	2 + 00 E	2	0.5	34	160	28
	2 + 25 E	3	0.2	34	90	24
	2 + 50 E	3	0.5	31	0	0
	2 + 75 E	2	0.1	5	30	4
	3 + 00 E	19	0.4	30	100	11
	3 + 25 E	12	0.6	24	250	18
	3 + 50 E	14	0.3	20	100	13
	3 + 75 E	1	0.1	13	140	11
	4 + 00 E	8	0.3	4	130	8
	4 + 25 E	1	0.1	9	30	11
	4 + 50 E	6	0.2	24	180	21
	4 + 75 E	8	0.1	9	270	12
	5 + 00 E	7	0.4	13	350	20

OWL GRID

Line	Station	Au (ppb)	Ag (ppm)	As (ppb)	Hg (ppb)	Pb (ppm)
2 + 00 S	5 + 50 W	3	1.5	19	450	31
	5 + 25 W	2	0.4	9	320	40
	5 + 00 W	1	0.3	9	230	20
	4 + 75 W	1	0.1	4	60	11
	4 + 50 W	2	0.2	8	170	19
	4 + 25 W	1	0.1	3	40	8
	0 + 00	1	0.3	14	460	15
	0 + 25 E	1	0.4	12	480	13
	0 + 50 E	2	0.4	18	280	20
	0 + 75 E	1	0.3	17	370	10
	1 + 00 E	1	0.6	33	250	14
	1 + 50 E	1	0.1	49	170	22
	1 + 75 E	1	0.3	43	60	13
	2 + 00 E	1	0.1	24	30	13
	2 + 25 E	1	0.1	9	30	3
	2 + 50 E	1	0.1	10	20	3
	2 + 75 E	1	0.1	23	50	20
	3 + 00 E	1	0.2	30	70	20
	3 + 25 E	1	0.2	22	30	11
	3 + 50 E	1	0.1	39	30	6
	3 + 75 E	2	0.2	23	40	4
	4 + 00 E	3	0.1	25	40	9
	4 + 25 E	1	0.1	64	30	7
	4 + 50 E	1	0.1	33	50	18
	4 + 75 E	1	0.2	6	40	11
	5 + 00 E	1	0.3	17	240	13
	5 + 25 E	2	0.2	13	60	7

OWL GRID

Line	Station	Au (ppb)	Ag (ppm)	As (ppb)	Hg (ppb)	Pb (ppm)
4 + 00 S	3 + 75 W	1	0.5	12	200	13
	3 + 50 W	1	0.5	13	260	2
	3 + 25 W	1	0.2	5	190	5
	3 + 00 W	1	0.3	8	240	12
	2 + 75 W	1	0.5	11	180	18
	2 + 50 W	1	0.3	7	200	2
	0 + 25 W	2	1	23	220	21
	0 + 00	14	0.6	52	160	36
	0 + 25 E	4	0.2	50	160	18
	0 + 50 E	6	0.3	22	60	8
	0 + 75 E	8	0.4	33	200	15
	1 + 00 E	2	1.1	29	250	22
	1 + 25 E	23	0.6	37	110	19
	1 + 50 E	3	0.6	53	400	26
	1 + 75 E	1	0.5	39	250	14
	2 + 00 E	1	0.5	38	220	18
	2 + 25 E	1	1	37	230	14
	2 + 50 E	3	1.4	34	210	43
	2 + 75 E	2	1.5	57	190	13
	3 + 00 E	1	0.9	30	240	32
	3 + 75 E	1	0.6	39	120	20
	4 + 25 E	1	0.7	32	150	23
	4 + 50 E	3	0.7	26	160	18
	4 + 75 E	1	0.5	30	180	27
	5 + 00 E	1	0.3	22	230	21
	5 + 25 E	1	0.8	12	210	14
	5 + 50 E	1	0.3	12	160	22
	5 + 75 E	5	0.7	51	160	19
	6 + 00 E	2	0.7	28	320	14
	6 + 25 E	6	0.3	119	140	33
	6 + 50 E	1	0.5	44	210	19
	6 + 75 E	7	0.3	22	290	16
	7 + 00 E	1	0.3	26	250	13
	7 + 25 E	1	0.2	15	110	9
	7 + 50 E	2	0.3	15	210	12
	7 + 75 E	1	0.5	17	160	15
	8 + 00 E	3	0.4	24	110	21
COUNT		171	171	171	171	171
MEAN		9.05	0.37	24.33	174.97	16.86
STD DEV		43.11	0.27	19.48	110.06	8.77
VAR		1858.80	0.08	379.58	12113.89	76.97

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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 -80MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: SEPT 19 1986 DATE REPORT MAILED: Sept 24/86 ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER.

GEO P.C. SERVICES PROJECT-DWL FILE # 86-2752 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
L0+00 3+50W	1	29	20	58	.2	12	6	565	3.85	16	5	ND	3	7	1	2	4	54	.08	.103	5	31	.55	22	.10	5	4.46	.01	.04	1	1	160
L0+00 3+25W	1	23	31	36	.3	10	5	430	4.83	11	5	ND	1	5	1	2	2	62	.06	.056	2	31	.26	23	.08	5	2.79	.01	.03	1	1	200
L0+00 3+00W	1	29	18	41	.2	10	5	295	3.76	17	5	ND	3	6	1	2	2	59	.07	.061	4	29	.31	36	.08	2	3.47	.01	.05	1	1	220
L0+00 2+00W	1	46	12	64	.1	18	8	258	3.29	25	5	ND	6	10	1	2	3	47	.15	.062	6	24	.61	55	.14	4	3.34	.01	.05	1	1	60
L0+00 1+75W	1	32	19	69	.1	17	6	239	3.67	23	5	ND	3	6	1	2	3	36	.06	.044	5	16	.38	89	.09	5	3.63	.01	.08	1	2	50
L0+00 1+50W	1	26	12	50	.1	12	7	435	1.82	31	5	ND	7	7	1	2	3	27	.12	.030	10	15	.47	35	.08	2	1.74	.02	.05	1	1	40
L2+00 0+00E	1	17	15	24	.3	9	4	120	4.76	14	5	ND	1	8	1	2	2	61	.08	.050	2	25	.16	18	.13	3	2.29	.01	.03	1	1	460
L2+00 0+25E	1	32	13	31	.4	9	5	346	3.25	12	5	ND	2	7	1	2	2	29	.08	.136	5	26	.14	17	.07	4	4.92	.01	.03	1	1	480
L2+00 0+50E	1	27	20	30	.4	5	5	224	3.92	18	5	ND	1	5	1	2	2	54	.05	.063	6	23	.13	19	.06	2	2.59	.01	.03	1	2	280
L2+00 0+75E	1	23	10	35	.3	9	4	131	5.41	17	5	ND	1	5	1	2	2	55	.05	.065	3	23	.20	23	.04	2	3.02	.01	.03	1	1	370
L2+00 1+00E	1	22	14	31	.6	8	4	180	5.26	33	5	ND	3	5	1	2	3	64	.06	.045	5	24	.16	18	.09	3	3.01	.01	.03	1	1	250
L2+00 1+50E	1	12	22	24	.1	6	3	98	4.14	49	5	ND	2	5	1	2	2	60	.05	.028	6	16	.15	12	.07	2	1.80	.01	.04	1	1	170
L2+00 1+75E	1	7	13	12	.3	3	1	51	3.18	43	5	ND	3	3	1	2	2	62	.05	.016	5	6	.05	7	.09	3	1.07	.01	.02	1	1	60
L2+00 2+00E	1	4	13	9	.1	2	1	42	1.17	24	5	ND	1	3	1	2	2	46	.04	.010	9	6	.07	11	.08	2	.81	.01	.02	1	1	30
L2+00 2+25E	1	3	3	8	.1	2	1	32	.40	9	5	ND	1	2	1	2	2	11	.03	.010	7	7	.06	7	.02	2	.78	.01	.02	1	1	30
L2+00 2+50E	1	3	3	9	.1	2	1	39	.41	10	5	ND	2	4	1	2	2	9	.05	.007	7	6	.08	7	.02	3	.76	.01	.02	1	1	20
L2+00 2+75E	1	15	20	45	.1	11	3	116	1.58	23	5	ND	2	5	1	2	2	32	.06	.018	9	19	.31	21	.06	4	2.06	.01	.05	1	1	50
L2+00 3+00E	1	25	20	51	.2	21	5	160	2.65	30	5	ND	3	6	1	2	5	46	.09	.022	7	38	.57	35	.13	2	2.87	.01	.06	1	1	70
L2+00 3+25E	1	8	11	16	.2	2	2	82	2.19	22	5	ND	2	4	1	3	2	86	.07	.013	7	11	.11	10	.18	2	1.01	.01	.03	1	1	30
L2+00 3+50E	1	14	6	26	.1	2	3	83	2.68	39	5	ND	1	3	1	2	4	55	.03	.027	14	7	.07	18	.03	2	1.43	.01	.04	1	1	30
L2+00 3+75E	1	14	4	25	.2	1	2	66	2.65	23	5	ND	2	3	1	2	2	35	.03	.033	12	6	.06	19	.01	2	1.63	.01	.03	1	2	40
L2+00 4+00E	1	10	9	22	.1	2	1	73	2.46	25	5	ND	1	4	1	2	2	45	.05	.025	10	9	.07	16	.05	2	1.34	.01	.03	1	3	40
L2+00 4+25E	1	19	7	20	.1	1	2	55	2.54	64	5	ND	2	3	1	2	2	41	.05	.016	12	8	.04	9	.06	2	1.10	.01	.02	2	1	30
L2+00 4+50E	1	18	18	28	.1	6	3	108	3.95	33	5	ND	3	10	1	2	2	50	.05	.032	7	8	.14	20	.04	2	2.23	.01	.02	1	1	50
L2+00 4+75E	1	13	11	18	.2	4	2	61	2.05	6	5	ND	2	6	1	2	2	33	.04	.017	10	5	.05	14	.03	2	1.63	.01	.02	1	1	40
L2+00 5+00E	1	19	13	21	.3	4	2	79	4.01	17	5	ND	3	6	1	2	2	36	.05	.053	5	10	.06	17	.07	2	3.37	.01	.02	1	1	240
L2+00 5+25E	1	11	7	23	.2	4	2	126	2.39	13	5	ND	2	7	1	6	2	43	.17	.025	8	8	.13	16	.12	2	1.07	.01	.04	2	2	60
L4+00 3+75W	1	52	13	27	.5	22	10	234	4.57	12	5	ND	1	13	1	3	3	87	.15	.071	2	76	.22	19	.23	2	5.32	.02	.02	1	1	200
L4+00 3+50W	1	51	2	19	.5	12	5	121	3.68	13	5	ND	1	7	1	2	2	61	.09	.064	4	68	.12	18	.20	3	5.39	.01	.01	1	1	260
L4+00 3+25W	1	38	5	13	.2	14	4	96	2.76	5	5	ND	1	7	1	2	2	51	.09	.061	3	48	.11	11	.16	4	3.23	.01	.01	1	1	190
L4+00 3+00W	1	31	12	33	.3	15	7	227	4.04	8	5	ND	1	10	1	2	2	79	.11	.066	3	59	.16	15	.21	2	3.28	.01	.02	1	1	240
L4+00 2+75W	1	84	18	58	.5	57	28	941	2.55	11	5	ND	1	64	1	2	3	38	.60	.327	8	64	.38	69	.06	3	6.19	.02	.03	1	1	180
L4+00 2+50W	1	68	2	86	.3	60	16	451	1.81	7	5	ND	1	52	1	2	2	31	.54	.154	5	49	.46	38	.07	3	6.73	.02	.03	1	1	200
L4+00 0+25W	1	34	21	25	1.0	5	4	104	2.19	23	5	ND	1	9	1	2	2	29	.09	.063	5	11	.10	19	.03	2	1.75	.01	.03	1	2	220
L4+00 0+00E	1	112	36	89	.6	7	8	113	5.40	52	5	ND	4	4	1	4	14	47	.04	.046	11	13	.15	16	.02	4	2.29	.01	.03	1	14	160
L4+00 0+25E	1	19	18	36	.2	8	4	145	3.14	50	5	ND	4	6	1	2	2	36	.08	.025	9	16	.27	16	.07	2	2.03	.01	.04	1	4	160
STD C/AU-S	21	58	38	136	7.0	70	30	1030	3.97	41	19	7	33	49	17	15	21	64	.48	.112	37	58	.88	182	.09	38	1.73	.06	.13	15	50	1400

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
L4+00 0+50E	1	7	8	12	.3	2	2	41	2.69	22	5	ND	1	4	1	2	2	59	.06	.022	5	8	.06	9	.06	2	.94	.01	.02	1	6	60
L4+00 0+75E	1	19	15	31	.4	9	5	144	3.76	33	5	ND	4	5	1	2	4	58	.09	.031	6	23	.38	26	.10	4	2.79	.01	.02	1	8	200
L4+00 1+00E	1	14	22	23	1.1	5	4	104	3.81	29	5	ND	4	3	1	2	<3	55	.05	.042	8	18	.21	18	.07	3	2.77	.01	.02	1	2	250
L4+00 1+25E	1	26	19	23	.6	6	4	111	6.07	37	5	ND	2	3	1	2	2	50	.04	.047	9	18	.10	15	.01	2	1.79	.01	.02	1	23	110
L4+00 1+50E	1	34	26	35	.6	9	7	228	5.36	53	6	ND	2	10	1	2	6	54	.06	.072	8	26	.24	19	.08	3	3.34	.01	.02	2	3	400
L4+00 1+75E	1	46	14	26	.5	10	7	214	4.65	39	5	ND	2	8	1	2	3	78	.06	.085	7	57	.24	19	.11	4	5.22	.01	.03	1	1	250
L4+00 2+00E	1	39	18	26	.5	9	6	181	3.37	38	5	ND	1	14	1	2	2	59	.08	.071	7	34	.21	17	.06	2	3.59	.02	.03	1	1	220
L4+00 2+25E	1	34	14	45	1.0	9	11	2189	4.19	37	5	ND	1	18	1	2	3	65	.09	.092	8	40	.20	23	.07	2	4.24	.01	.03	1	1	230
L4+00 2+50E	1	64	43	47	1.4	11	16	2232	3.86	34	5	ND	1	25	1	2	4	68	.08	.096	7	42	.22	27	.07	2	4.60	.01	.05	1	3	210
L4+00 2+75E	4	87	13	38	1.5	7	24	2938	2.37	57	5	ND	2	20	1	2	6	40	.06	.183	7	36	.16	22	.06	2	7.51	.01	.03	1	2	190
L4+00 3+00E	1	45	32	35	.9	16	10	538	3.91	30	5	ND	1	13	1	2	2	73	.17	.052	5	42	.42	27	.12	4	3.05	.02	.06	1	1	240
L4+00 3+75E	1	7	20	19	.6	3	3	88	4.69	39	5	ND	2	3	1	2	3	67	.02	.051	3	21	.09	18	.01	2	2.15	.01	.02	2	1	120
L4+00 4+25E	1	27	23	24	.7	12	6	96	6.59	32	5	ND	3	7	1	2	2	140	.05	.033	4	71	.16	13	.18	3	5.18	.01	.02	1	1	150
L4+00 4+50E	1	80	18	40	.7	22	9	120	4.82	26	5	ND	2	14	1	2	2	124	.07	.046	2	82	.30	14	.26	4	4.80	.01	.03	2	3	160
L4+00 4+75E	1	86	27	60	.5	30	10	132	2.91	30	5	ND	2	16	1	2	5	52	.07	.077	4	68	.39	28	.12	2	6.34	.01	.04	1	1	180
L4+00 5+00E	1	95	21	93	.3	40	11	175	3.94	22	5	ND	1	18	1	2	4	77	.10	.060	3	89	.46	21	.13	4	4.61	.01	.05	1	1	230
L4+00 5+25E	1	36	14	36	.8	9	5	108	3.61	12	5	ND	2	8	1	2	2	142	.07	.031	4	48	.18	12	.20	2	2.82	.01	.02	2	1	210
L4+00 5+50E	1	57	22	70	.3	14	8	206	5.03	12	5	ND	3	8	1	2	6	78	.09	.033	4	45	.46	19	.11	2	3.02	.01	.04	1	1	150
L4+00 5+75E	1	55	19	56	.7	13	7	162	4.16	51	5	ND	1	9	1	2	3	56	.07	.043	5	30	.42	27	.07	2	2.33	.01	.04	1	5	160
L4+00 6+00E	1	75	14	44	.7	8	6	131	4.00	28	5	ND	4	7	1	2	5	45	.07	.057	7	24	.24	20	.09	2	4.70	.01	.03	1	2	320
L4+00 6+25E	1	59	33	79	.3	15	8	246	2.38	119	5	ND	4	6	1	2	3	36	.09	.047	6	18	.52	37	.08	2	2.73	.01	.06	1	6	140
L4+00 6+50E	1	37	19	46	.5	14	7	166	3.81	44	5	ND	5	7	1	2	3	52	.07	.051	8	27	.38	23	.13	2	3.58	.01	.05	1	1	210
L4+00 6+75E	1	100	16	91	.3	26	13	354	2.94	22	5	ND	4	12	1	2	2	43	.15	.055	6	38	.77	27	.07	4	2.78	.01	.06	1	7	290
L4+00 7+00E	1	35	13	29	.3	9	5	98	3.86	26	5	ND	4	5	1	2	2	62	.05	.042	5	31	.22	14	.11	2	3.70	.01	.02	1	1	250
L4+00 7+25E	1	17	9	28	.2	13	5	155	3.52	15	5	ND	2	8	1	2	2	68	.12	.030	6	26	.34	20	.16	2	1.63	.02	.05	1	1	110
L4+00 7+50E	1	40	12	36	.3	15	6	151	2.83	15	5	ND	1	10	1	2	2	50	.11	.053	7	29	.36	21	.10	3	3.21	.01	.03	1	2	210
L4+00 7+75E	1	33	15	39	.5	17	9	251	3.16	17	5	ND	1	10	1	2	4	52	.11	.043	6	32	.45	23	.10	2	2.46	.02	.04	1	1	160
L4+00 8+00E	1	17	21	24	.4	13	5	125	3.89	24	5	ND	2	10	1	2	2	97	.14	.029	4	32	.31	18	.23	3	1.52	.01	.04	1	3	110
L6+00N 4+75W	1	31	10	42	.2	22	9	435	3.55	13	5	ND	1	12	1	2	5	60	.27	.052	5	49	.51	19	.15	4	2.44	.04	.04	1	1	180
L6+00N 4+50W	1	47	18	52	.3	15	8	509	2.58	10	6	ND	1	9	1	3	2	44	.16	.138	4	35	.39	14	.10	7	5.25	.01	.02	1	1	260
L6+00N 4+25W	1	63	31	77	.5	11	8	338	4.11	23	5	ND	1	5	1	2	4	76	.28	.113	7	58	.19	11	.16	4	4.44	.01	.02	1	8	170
L6+00N 4+00W	1	14	16	26	.3	6	5	696	3.61	16	6	ND	1	6	1	2	2	80	.36	.084	4	31	.14	7	.15	2	1.08	.01	.02	1	3	150
L6+00N 3+75W	1	21	13	18	.5	5	11	799	3.47	10	6	ND	1	7	1	2	3	63	.12	.105	5	19	.10	13	.08	3	2.58	.01	.03	2	4	220
L6+00N 3+50W	2	6	11	9	.3	3	2	86	.92	6	5	ND	1	7	1	2	2	43	.20	.044	3	8	.04	7	.11	3	.43	.01	.02	1	1	80
L6+00N 3+25W	2	13	28	31	.6	6	5	223	5.89	19	5	ND	1	9	1	2	5	76	.56	.105	2	35	.15	5	.15	3	1.99	.01	.02	1	2	150
L6+00N 3+00W	2	21	13	27	.2	5	13	2276	2.99	18	6	ND	1	18	1	2	2	41	1.08	.329	3	30	.13	9	.04	10	1.04	.01	.02	1	23	130
STD C/AU 5	21	60	40	137	7.1	71	29	1031	3.98	42	20	8	34	49	17	17	21	64	.48	.109	34	59	.89	182	.08	33	1.73	.06	.14	14	49	1500

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
L6+00N 2+75W	1	95	8	87	.4	21	19	2177	2.78	20	11	ND	1	22	1	5	3	29	1.83	.223	27	27	.18	31	.04	20	2.05	.02	.02	1	1	120
L6+00N 2+50W	1	22	6	52	.4	5	8	407	4.42	18	5	ND	1	11	1	4	2	75	1.40	.128	12	41	.10	14	.13	19	1.38	.01	.01	1	1	60
L6+00N 2+25W	2	12	22	33	.3	6	4	83	3.79	31	5	ND	1	9	1	6	2	95	.70	.103	12	48	.12	9	.22	20	2.23	.01	.02	2	2	150
L6+00N 2+00W	2	7	14	22	.9	3	4	82	4.67	35	5	ND	1	8	1	6	6	95	.72	.087	12	49	.10	6	.21	19	1.71	.01	.02	1	7	140
L6+00N 1+50W	2	70	24	89	.8	19	13	480	2.13	43	15	ND	3	62	1	8	5	47	2.58	1.119	22	61	.29	12	.10	31	6.14	.01	.01	2	14	160
L6+00N 1+25W	1	17	13	15	.3	3	4	84	3.34	18	5	ND	1	7	1	5	4	102	.23	.030	6	19	.08	6	.20	2	1.12	.01	.01	1	3	30
L6+00N 1+00W	2	173	18	199	.4	74	44	925	4.73	56	7	ND	4	10	1	5	5	66	.08	.091	13	68	1.63	109	.15	3	7.65	.02	.09	1	7	100
L6+00N 0+75W	1	37	7	40	.2	9	7	129	4.23	2	5	ND	2	8	1	2	2	70	.08	.054	8	17	.39	16	.17	3	4.05	.01	.04	1	2	180
L6+00N 0+50W	1	32	17	27	.7	5	5	95	3.73	4	5	ND	1	9	1	4	2	64	.08	.060	6	12	.19	12	.14	6	3.53	.02	.03	1	1	220
L6+00N 0+25W	1	30	17	34	.5	9	5	129	3.76	6	5	ND	2	10	1	2	2	66	.07	.054	8	22	.18	14	.09	4	3.44	.02	.03	1	1	170
L6+00N 0+00E	1	33	15	35	.5	13	6	237	4.08	9	5	ND	2	8	1	2	2	77	.07	.049	8	36	.26	20	.11	3	3.19	.01	.03	1	5	130
L6+00N 0+25E	1	55	17	61	.3	10	9	360	3.84	12	5	ND	2	10	1	2	5	66	.09	.058	10	18	.31	33	.10	7	3.79	.01	.06	1	7	140
L6+00N 0+50E	1	106	18	164	.5	18	24	692	4.07	22	5	ND	5	31	1	3	7	65	.12	.079	14	27	.79	146	.15	2	6.57	.02	.14	1	13	90
L6+00N 1+25E	1	43	24	102	.4	7	9	514	3.65	33	6	ND	5	6	1	4	6	36	.09	.074	17	15	.36	20	.06	4	3.38	.01	.04	1	24	220
L6+00N 1+50E	3	227	55	135	.4	18	22	1721	3.26	40	5	ND	9	8	1	2	12	42	.15	.076	27	23	.55	50	.07	4	3.68	.01	.06	1	3	240
L6+00N 1+75E	1	75	25	95	1.1	16	16	746	3.34	32	5	ND	7	6	1	2	6	41	.07	.105	19	30	.42	29	.03	3	3.97	.01	.06	1	40	120
L6+00N 2+00E	1	57	28	70	.5	10	10	444	2.17	29	5	ND	5	8	1	2	4	33	.16	.080	14	17	.46	31	.06	8	2.68	.01	.05	1	26	60
L6+00N 2+25E	1	319	49	158	1.2	6	13	308	2.34	97	12	ND	6	32	1	2	12	22	.48	.092	66	16	.18	20	.01	2	3.18	.02	.04	1	37	120
L6+00N 2+50E	1	44	24	29	.8	5	4	111	4.36	50	5	ND	7	7	1	2	4	38	.11	.085	9	22	.11	14	.03	4	3.13	.01	.03	1	11	340
L6+00N 2+75E	1	38	26	55	1.0	4	6	177	2.53	48	5	ND	8	4	1	2	10	31	.03	.040	15	11	.13	15	.01	2	2.59	.01	.03	1	9	700
L6+00N 3+00E	1	29	17	29	.3	5	4	87	3.83	43	5	ND	11	3	1	2	10	41	.02	.034	10	15	.08	10	.02	6	2.93	.01	.02	1	10	410
L6+00N 3+25E	1	19	14	18	.3	4	3	374	1.85	24	5	ND	1	7	1	2	2	45	.08	.039	7	15	.07	10	.05	3	1.26	.01	.02	1	1	140
L6+00N 3+50E	1	32	26	31	.5	7	6	730	3.33	67	5	ND	1	6	1	2	2	58	.08	.059	8	31	.17	14	.06	3	2.27	.01	.04	1	18	210
L6+00N 3+75E	1	27	27	33	.3	7	6	411	4.17	63	5	ND	3	4	1	2	7	53	.07	.034	9	21	.19	13	.11	2	2.25	.01	.03	1	3	200
L6+00N 4+00E	1	22	15	40	.2	5	5	475	4.06	55	5	ND	5	3	1	2	2	50	.04	.052	8	23	.10	10	.05	2	3.41	.01	.02	1	1	400
L6+00N 4+25E	1	11	7	15	.3	1	2	122	2.39	39	5	ND	4	3	1	2	11	48	.04	.019	10	7	.03	7	.05	2	1.16	.01	.02	1	550	40
L6+00N 4+50E	1	18	19	20	.3	5	5	91	5.11	28	5	ND	4	4	1	2	2	73	.05	.031	7	24	.11	10	.12	3	1.89	.01	.03	1	2	150
L6+00N 4+75E	1	42	19	45	.6	10	7	193	5.23	49	5	ND	6	7	1	3	2	62	.10	.035	9	30	.40	19	.15	5	2.78	.01	.04	2	1	220
L6+00N 5+00E	1	14	13	17	.4	3	3	58	4.31	19	5	ND	2	4	1	2	2	68	.04	.032	5	16	.08	12	.12	3	1.23	.01	.03	1	3	110
L6+00N 5+50E	1	24	17	18	.4	4	4	121	5.51	26	5	ND	4	4	1	2	2	84	.06	.037	6	26	.16	12	.13	3	2.21	.01	.03	1	10	230
L6+00N 5+75E	1	31	19	28	.4	8	5	344	3.36	32	5	ND	2	6	1	3	2	62	.11	.052	6	24	.24	13	.12	5	2.80	.01	.02	1	10	250
L6+00N 6+00E	1	27	11	31	.4	6	6	188	3.69	29	5	ND	4	5	1	2	2	67	.10	.040	7	33	.24	12	.13	2	3.13	.01	.02	1	9	200
L6+00N 6+25E	1	38	19	38	.2	12	6	283	3.14	47	5	ND	2	6	1	2	2	59	.09	.053	8	36	.26	17	.10	3	3.09	.01	.03	1	8	190
L6+00N 6+50E	1	21	36	40	.1	7	4	109	3.26	96	5	ND	7	4	1	2	2	42	.05	.025	8	22	.22	14	.06	2	2.96	.01	.02	1	13	130
L6+00N 6+75E	1	23	23	36	.2	9	5	209	3.44	53	5	ND	2	7	1	2	2	60	.13	.037	7	22	.26	17	.10	4	1.85	.01	.03	1	8	180
L6+00N 7+00E	1	26	23	30	.5	7	5	134	6.40	54	5	ND	5	7	1	2	2	115	.10	.031	7	39	.26	15	.21	2	2.70	.01	.03	1	7	140
STD C/AU-S	21	59	38	135	7.0	68	30	1025	3.94	39	18	7	33	49	18	16	20	63	.48	.108	36	59	.88	182	.09	35	1.72	.06	.14	13	51	1400

GEO P.C. SERVICES PROJECT 1988 FILE # 86-2752

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
L6+00N 7+25E	1	36	28	47	.5	13	6	207	3.66	67	6	ND	3	9	1	2	2	62	.13	.038	10	33	.49	20	.13	2	3.29	.01	.04	1	2	130
L6+00N 7+50E	1	24	24	30	.2	6	6	132	6.37	71	5	ND	4	7	1	2	2	106	.10	.031	7	32	.24	15	.21	5	2.18	.01	.03	1	3	100
L6+00N 7+75E	1	27	25	35	.2	12	6	150	3.94	58	5	ND	3	8	1	2	2	75	.10	.030	8	29	.36	21	.17	7	2.39	.01	.03	1	1	110

APPENDIX B
Rock Chip Sampling Data

SHEAR ZONE SAMPLING

Mount Fredrick

Number	Side	Strike/Dip	Host	Sulf	Lim	Clay	Chl	FW/HW Gouge	Width (metres)	Au (ppb)
51001	NW	012/70 W	II	no	yes	yes	yes	no	1.20	1
51002	NW	038/78 SE	II	no	yes	yes	yes	VEIN	0.10	6
51003	NW	060/70 NW	II	no	tr	no	yes	VEIN	0.10	1
51004	NW	020/75 NW	II	no	yes	yes	yes	FW	0.80	1
51005	NW	020/85 E	II	no	tr	yes	yes	FW/HW	0.75	1
51006	NW	275/70 N	II	yes	no	yes	yes	hem VEIN	0.15	1
51014	N	005/85 E	LSV	no	yes	yes	no	FW	0.15	3
51015	N	350/70 E	LSV	yes	no	yes	yes	HW	0.60	22
51016	N	025/75 W	LSV	no	yes	yes	yes	FW/HW	0.40	2
51017	N	315/70 E	LSV	no	yes	yes	yes	FW	0.80	34
51018	N	020/75 E	LSV	no	yes	yes	yes	HW/FW	0.90	4
51019	N	340/70 E	LSV	no	yes	yes	yes	FW/HW	1.50	1
51020	N	Q U A R T Z V E I N G R A B S							grab	54
51021	N	334/70 W	LSV	no	yes	yes	yes	FW/HW	1.20	4
51022									1.40	10
51023	N	030/75 E	II	no	yes	no	yes	FW/HW	0.30	5
51026	E		LSV	no	yes	yes	no	FW/HW	0.05	1
51027	E	340/80 S	LSV	no	yes	yes	yes	FW/HW	0.85	1
51028	E	360/76 W	LSV	no	yes	no	yes	no	1.20	4
51029	W	170/76 W	LSV	no	yes	yes	no	FW/HW	0.20	1
51030	W	025/80 E	DK/LSV	yes	yes	no	yes	no	0.20	1
51031	S	025/78 W	LSV	no	yes	no	yes	FW	0.20	1
51032	S	010/72 E	LSV	no	yes	yes	no	FW	0.10	1
51033	S	008/80 W	LSV	no	yes	yes	yes	HW	0.05	1
51034	NW	118/76 S	II	no	no	no	yes	no	1.20	1
51035	NW	034/78 NW	II	no	yes	yes	yes	HW	0.05	110
51036	NW	065/80 E	II	no	yes	no	yes	FW/HW	1.20	2
51037	NW	008/70 E	II	yes	yes	no	yes	VEIN	0.03	18
51042	NW	020/60 E	LSV	no	yes	yes	yes	FW/HW	1.10	4
51043	NW	020/70 E	LSV	no	yes	no	yes	FW	0.35	1
51044	NW	340/70 NW	LSV	no	no	yes	yes	FW	0.35	1
51045	NW	340/70 E	LSV	no	yes	yes	yes	FW/HW	0.50	2
51046	NW	340/58 E	LSV	no	yes	yes	yes	HW	0.25	1
51047	NW	350/70 E	LSV	no	yes	yes	yes	HW/FW	0.30	1
51048	NW	Q U A R T Z V E I N G R A B S							grab	20

Mount Fredrick (Cont.)

Number	Side	Strike/Dip	Host	Sulf	Lim	Clay	Chl	FW/HW Gouge	Width (metres)	Au (ppb)
51059	E	045/63 NW	BZ	no	yes	yes	yes	HW	0.20	6
51060	E	080/52 N	LSV	no	yes	yes	yes	FW	0.15	1
51061	E	108/82 N	LSV	no	yes	yes	yes	Centre	0.20	1
51062	E	360/80 E	LSV	no	yes	yes	yes	HW/FW	0.30	8
51063	E	350/85 E	LSV/DK	no	no	yes	no	FW	0.30	1
51064	E	300/65 N	BZ/DK	yes	no	yes	no	no	0.30	3
51065	E	340/70 NE	LSV	yes	yes	yes	no	All	0.90	1
51066	E	360/70 E	LSV	no	yes	yes	no	FW	0.90	1
51067	E	280/70 N	LSV	no	yes	yes	no	FW	0.25	1
51068	E	340/70 N	LSV	no	no	yes	yes	no	0.40	1
51069									1.20	1
51070	E	020/70 NW	LSV	no	yes	yes	yes	FW/HW	1.20	2
51071									1.20	1
51072	W	010/70 E	LSV	no	yes	yes	yes	no	0.15	1
51073	W	010/80 E	LSV	no	yes	yes	yes	FW	0.10	1
51074	S	050/70 NW	LSV	yes	yes	yes	yes	HW	0.30	4
51075	S	020/70 W	LSV	no	yes	yes	no	no	0.25	1

Lost Shoe Valley

Number	Side	Strike/Dip	Host	Sulf	Lim	Clay	Chl	FW/HW Gouge	Width (metres)	Au (ppb)
51007	W	270/70 NW	LSV	no	yes	yes	yes	FW	0.40	1
51008	S	020/70 W	LSV	no	yes	yes	yes	HW	0.60	1
51009	S	320/70 N	LSV	no	no	yes	yes	FW/HW	0.40	1
51010	S	098/70 N	LSV	no	yes	yes	yes	HW	0.70	1
51011	S	060/75 SW	LSV	no	no	yes	yes	HW	0.35	2
51012	SW	352/70 SE	LSV	no	yes	yes	yes	HW	0.60	5
51013	SW	010/75 NW	LSV	no	yes	no	yes	VEIN	0.15	6
51038	SW	040/60 W	DK/LSV	no	yes	no	yes	FW/HW	0.80	10
51039	SW	100/80 N	LSV	no	yes	no	yes	FW	0.60	1
51040	SW	125/90	LSV	no	yes	no	no	FW/HW	0.06	1
51024									1.20	1
51025	SW	320/70 N	LSV	no	yes	yes	yes	FW/HW	1.20	2
50551									1.30	2
50552	SW	350/80 N	LSV	no	yes	no	yes	VEIN	0.20	3
50553	SW	335/75 E	DK/LSV	no	yes	yes	yes	All	0.15	14
50554	SW	330/70 E	LSV	no	yes	yes	yes	no	1.00	6

AURUM SHEAR ZONE SAMPLE DATA
Mount Fredrick

Number	Side	Strike/Dip	Host	Sulf	Lim	Clay	Chl	FW/HW Gouge	Width (metres)	Au (ppb)
86-6									4.00	4
86-7									4.00	2
86-8	W	140/90	LSV	no	?	yes	?	?	4.00	1
86-9									4.00	2
86-10									4.00	2
86-11	W	160/80 ?	LSV	yes	?	no	yes	VEIN	0.09	44
86-12	W	160/80 E	LSV	yes	?	no	yes	VEIN	0.20	3
86-13	N	?	LSV	?	?	?	yes	VEIN	grab	2
Samples 14a to 18a and 55 are down the face of the M-6 (Owl) showing										
86-14a									0.75	2
86-15a									1.10	3850
86-16a	N	175/85 E	QD/BZ	yes	yes	yes	yes	FW/HW	0.85	225
86-17a									1.00	265
86-18a									0.60	2
86-50	W	160/80 E	LSV	?	?	yes	yes	?	0.50	2
86-51	W	160/80 E	LSV	yes	?	yes	yes	?	1.10	1
86-52	W	160/80 E	LSV	yes	?	yes	yes	?	0.30	8
86-53	N	?	LSV	?	?	?	?	?	grab	2
86-54	N	?	LSV	no	no	no	yes	?	grab	1
86-55	N	175/85 E	QD/BZ	yes	yes	yes	yes	FW/HW	grab	3100
86-56	N	175/85 E	Dk	no	?	yes	yes	VEIN	grab	42
86-57	N	170/60 E	Dk	?	?	?	?	VEIN	grab	75

BENVENUTO SHEAR ZONE SAMPLING
Mount Fredrick

Number	Side	Strike/Dip	Host	Sulf	Lim	Clay	Chl	FW/HW Gouge	Width (metres)	Au (ppb
M5	N	(FW of M-6)	BZ	no	yes	yes	no	FW	6.60	42
M6A	N	005/85 E	BZ/QD	yes	yes	yes	yes	FW/HW	2.60	1820
M6B	N	(FW of M-6)	BZ	?	yes	?	?	?	1.60	1780
M7	N	(HW of M-6)	QD	?	?	?	?	?	18.00	16
M7A	N	(FW of M-6)	BZ	yes	yes	yes	yes	yes	1.10	110
M25A	N	(HW of M-6)	QD	?	yes	?	?	?	2.10	1830
M25B	N	(HW of M-6)	QD	?	yes	?	?	?	17.30	7
M30	N	?	BZ	no	yes	?	?	FW	6.00	8
M40	N	325/55 E	LSV	yes	yes	yes	no	no	0.60	31
M45A	N	315/55 E	LSV	no	yes	yes	no	VEIN	0.40	1
M57	N	310/50 NE	LSV	no	yes	yes	no	FW/HW	0.23	1
M60	N	320/60 NE	LSV	no	yes	yes	no	FW/HW	2.10	1
M73A	N	315/85 NE	LSV	no	yes	yes	no	FW/HW	3.40	1
M73B									6.60	1
M75	N	310/65 NE	LSV	no	?	yes	yes	HW	1.90	1
M76A	NW	335/70 NE	LSV	yes	yes	yes	no	VEIN	0.30	93
M78	NW	185/50 W	LSV	no	yes	yes	no	no	4.30	1
M143A	N	333/75 NE	LSV	no	yes	yes	no	FW/HW	1.00	1
M145	E	?	LSV	no	yes	yes	no	no	7.70	1
M162	N	310/50 NE	LSV	?	yes	yes	yes	FW	1.90	1
M207	E	325/?	LSV	no	yes	yes	?	yes	19.00	3
M210	E	005/60 E	LSV	?	?	?	?	?	no sample	

AURUM VOLCANIC SULFIDE SAMPLES
Mount Fredrick

Number	Formation	Unit	Sulfides	Width (m)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
86-04	LSV	dac	no	0.35	9	-	-	-
86-05	LSV	dac	yes	0.30	2	-	-	-

BENVENUTO VOLCANIC SULFIDE SAMPLING
Mount Fredrick

Number	Formation	Unit	Sulfides	Width (m)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
M35	BZ	and	0.5 % py	16.0	1	45	4	43
M50	BZ	arg	pyrr	1.9	1	68	7	20
M59	LSV	and	no	1.2	1	103	9	75
M65	LSV	and	10 % py	3.9	60	93	8	66
M83	LSV	dac	py	40.0	1	31	6	73
M129	LSV	dac	no	37.0	1	21	12	51
M138A	LSV	and	10-30 %	15.0	1	300	17	69
M147	LSV	dac	no	0.75	1	7	6	20
M148	LSV	dac	no	?	1	16	6	18
M149	LSV	and	0.5 % py	3.4	63	81	7	59
M153	LSV	and	3 % py	2.8	1	47	6	76
M163	DK	dac	no	14.0	1	8	19	52
M168	LSV	arg	no	0.5	1	56	11	54
M244	DK	dac	no	6.0	1	70	10	18
M250	PB	lms	no	7.5	1	18	4	33
M257	QD/PB	con	no	0.3	1	6	7	36

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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: ROCK CHIPS AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 19 1986 DATE REPORT MAILED: June 25/86 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

ISLAND STAR PROJECT - OWL FILE # 86-1076 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
M 6A	1	37	12	66	.2	10	10	271	2.30	1529	5	ND	2	14	1	7	4	13	.16	.05	10	11	.42	11	.01	4	.91	.02	.09	1	1820
M 6B	1	33	18	45	.3	5	6	153	1.50	832	5	ND	8	7	1	4	2	8	.08	.02	17	7	.25	15	.01	3	.52	.03	.07	1	1780
M 7A	3	626	21	73	1.3	3	5	306	1.23	187	5	ND	9	16	1	2	3	3	1.05	.02	17	5	.18	8	.01	3	.46	.04	.08	1	110
M 8B	1	60	34	63	.3	2	6	331	1.41	1296	6	ND	8	2	1	3	2	1	.01	.01	13	2	.03	21	.01	3	.55	.03	.09	1	17
M 13	3	126	8	58	.2	58	24	1314	9.41	20	5	ND	1	10	1	2	3	135	.30	.11	7	80	1.69	26	.26	3	3.43	.07	.02	1	2
M 14	9	103	5	63	.2	62	33	1077	10.06	16	5	ND	1	32	1	2	2	121	.89	.18	6	86	1.52	36	.21	5	3.45	.24	.09	2	1
M 15A	1	1033	520	139	6.3	2	10	261	5.30	37149	5	ND	10	22	3	51	2	4	.07	.04	9	5	.04	30	.01	9	.36	.01	.15	1	250
M 15BC	7	4808	2496	3253	56.2 ✓	4	33	523	13.51	111434 ✓	5	2	12	26	14	241	95	5	.04	.04	8	1	.04	28	.01	8	.39	.01	.15	1	1790
M 16A	1	291	92	536	1.0	7	15	442	1.73	1597	5	ND	9	4	2	2	2	8	.09	.03	15	7	.13	18	.01	5	.57	.04	.11	1	7
M 16B	1	44	36	166	.4	6	6	409	1.84	201	5	ND	10	3	1	2	2	12	.08	.03	16	9	.25	15	.01	3	.71	.05	.11	1	2
M 17	2	59	10	28	.5	5	5	175	1.29	388	5	ND	10	1	1	2	2	2	.02	.02	15	5	.03	20	.01	4	.37	.01	.15	1	7
M 18A	1	204	65	210	.8	5	12	457	1.75	340	5	ND	10	3	1	2	2	8	.09	.03	16	7	.18	15	.01	4	.64	.04	.11	1	3
M 18B	1	82	28	111	.5	5	5	340	1.28	235	5	ND	12	2	1	2	3	4	.03	.01	17	6	.08	12	.01	2	.43	.04	.08	1	6
M 19A	1	182	110	173	1.6	209	40	678	3.76	363	5	ND	1	70	1	2	5	51	1.72	.06	3	108	1.14	46	.06	5	3.04	.58	.14	2	14
M 19B	1	115	50	283	.7	9	9	372	1.70	871	5	ND	10	3	1	4	3	5	.07	.03	14	4	.13	10	.01	4	.47	.03	.08	1	16
M 19C	1	71	4	40	.1	122	22	323	2.85	183	5	ND	1	85	1	2	2	53	1.98	.05	5	119	.98	88	.12	6	3.11	.65	.19	6	1
M 21	5	5	13	30	.1	2	13	2648	16.36	24	9	ND	3	2	1	2	9	31	6.55	.01	2	2	.09	8	.01	2	.43	.01	.01	11	1
M 25A	1	57	23	30	.4	2	4	82	1.05	1055	5	ND	11	11	1	4	3	4	.07	.01	18	2	.09	17	.01	2	.32	.03	.08	1	1830
M 25B	1	48	14	41	.3	3	3	182	1.13	19	5	ND	12	3	1	2	3	5	.09	.01	20	4	.08	10	.01	2	.36	.05	.07	1	7
M 30	1	12	6	47	.2	3	5	314	2.28	12	5	ND	5	5	1	2	2	23	.07	.04	14	8	.41	29	.01	6	1.02	.06	.11	1	8
M 35	1	45	4	43	.2	73	24	204	6.57	5	5	ND	5	10	1	2	2	103	.03	.02	21	89	.29	37	.05	8	1.98	.06	.10	1	1
M 40	2	288	662	557	14.6	5	13	271	2.04	41	5	ND	13	3	1	2	44	28	.04	.02	20	8	.28	6	.01	5	.87	.07	.04	1	31
M 45A	1	24	13	51	.2	6	7	551	2.42	13	7	ND	3	86	1	2	2	36	4.20	.05	11	9	.45	18	.20	5	3.60	.06	.10	4	2
M 50	1	68	7	20	.2	40	12	71	5.73	2	5	ND	5	18	1	2	2	111	.16	.02	36	67	.05	15	.23	5	.76	.07	.05	1	1
STD C/FA AU	21	59	40	133	7.2	64	31	1185	3.95	43	17	8	33	48	17	16	19	65	.48	.11	36	59	.88	179	.08	38	1.73	.08	.11	15	49

✓ Assay required for correct result

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.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: ROCK CHIPS AU** BY FIRE ASSAY

DATE RECEIVED: JULY 7 1986 DATE REPORT MAILED: July 9/86 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

ISLAND STAR RESOURCES FILE # 86-1329 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Ag** OZ/T	Au** OZ/T
M-57	1	125	10	99	.5	204	44	1188	8.24	2	5	ND	2	50	1	2	2	176	.87	.05	8	247	1.60	20	.44	4	3.99	.08	.05	1	.03	.001
M-59	1	103	9	75	.6	168	38	787	6.04	4	12	ND	1	112	1	2	2	134	1.95	.06	7	196	1.82	68	.30	9	4.78	.46	.23	1	.03	.001
M-60	1	57	10	103	.4	178	36	1019	6.89	2	5	ND	2	70	1	2	2	144	.58	.05	10	234	2.56	46	.38	5	4.40	.10	.08	1	.03	.001
M-65	2	93	8	66	.4	73	14	574	5.44	9	5	ND	2	25	1	3	2	38	.17	.03	11	28	.54	36	.03	6	2.43	.10	.07	1	.01	.002
M-73A	1	21	5	67	.1	9	5	438	2.37	2	5	ND	4	6	1	2	2	12	.07	.03	13	8	.52	56	.01	4	1.43	.04	.16	4	.01	.001
M-73B	1	48	10	89	.2	32	10	585	3.48	2	5	ND	7	9	1	2	2	49	.09	.05	17	50	.90	56	.03	5	1.99	.06	.12	1	.01	.001
M-75	1	65	3	113	.4	38	12	600	4.06	3	5	ND	6	32	1	5	2	50	.44	.04	23	44	.80	138	.04	5	1.95	.11	.17	2	.01	.001
M-76A	1	360	283	58	3.4	6	4	629	2.26	72	5	ND	5	3	1	5	10	36	.05	.03	18	10	.14	17	.01	4	.73	.05	.09	7	.12	.003
M-78	1	20	10	53	.1	9	6	338	2.85	2	7	ND	6	47	1	2	2	24	.88	.03	14	13	.38	31	.14	4	2.41	.07	.07	1	.01	.001
M-83	1	31	6	73	.1	10	7	451	3.05	2	5	ND	7	30	1	6	2	28	.38	.03	18	12	.47	42	.14	5	1.86	.09	.08	1	.01	.001
M-91A	1	39	3	72	.1	27	10	367	2.74	23	5	ND	4	35	1	2	2	58	1.15	.05	10	48	1.05	17	.20	3	2.64	.07	.06	2	.01	.001
M-96	1	206	10	90	.8	44	19	903	6.32	2	8	ND	2	27	1	2	2	151	.63	.08	4	97	1.88	36	.27	5	3.16	.18	.10	1	.03	.001
M-97	1	5	17	93	.3	43	22	1030	5.31	5	17	ND	2	67	1	3	2	154	2.39	.09	7	124	2.33	20	.16	7	3.21	.26	.04	1	.01	.001
M-104	1	34	16	45	.2	10	3	106	1.50	442	5	ND	13	5	1	3	2	10	.07	.02	18	14	.12	18	.01	4	.66	.04	.13	7	.01	.001
M-105	1	171	26	28	1.1	8	3	55	2.40	16116	5	ND	14	11	1	28	4	3	.07	.04	6	5	.03	26	.01	4	.29	.01	.24	4	.04	.002
M-106A	1	30	27	73	.1	9	4	325	1.74	266	5	ND	15	2	1	6	2	12	.02	.03	21	11	.16	16	.01	4	.90	.04	.13	6	.01	.001
M-106B	1	19	15	33	.1	7	3	236	1.23	122	6	ND	14	2	1	2	2	7	.03	.02	18	9	.07	17	.01	3	.53	.04	.13	8	.01	.001
M-129	1	21	12	51	.1	1	1	126	.75	22	5	ND	12	2	1	2	2	2	.01	.00	18	5	.03	21	.01	3	.53	.04	.11	6	.01	.001
M-138A	50	300	17	69	.5	55	21	568	11.88	8	5	ND	4	4	1	5	2	94	.09	.06	12	26	.58	35	.02	6	2.40	.03	.12	4	.02	.001
M-143A	1	25	17	94	.1	14	11	558	3.77	85	5	ND	6	5	1	2	2	54	.03	.02	14	17	.53	49	.16	5	2.83	.03	.16	1	.01	.001
M-145	1	290	31	70	.3	6	4	362	2.15	40	5	ND	6	3	1	2	3	19	.01	.01	23	8	.18	18	.01	3	1.04	.05	.06	3	.01	.001
M-147	1	7	6	20	.1	2	2	75	1.90	20	5	ND	13	2	1	7	4	3	.01	.02	14	4	.04	19	.01	4	.66	.05	.11	6	.01	.001
M-148	1	16	6	18	.1	1	2	84	.74	15	5	ND	13	2	1	2	2	2	.02	.01	14	4	.03	15	.01	2	.36	.04	.08	5	.01	.001
M-149	3	81	7	59	.4	15	12	832	9.55	7	5	ND	5	34	1	5	2	32	.61	.04	11	9	.64	36	.13	7	2.13	.20	.29	2	.01	.002
M-153	2	47	6	76	.1	8	5	520	4.38	2	5	ND	6	21	1	3	4	24	.31	.04	7	13	.54	21	.10	7	1.69	.08	.06	5	.01	.001
M-162	1	48	12	80	.2	38	30	919	6.10	27	15	ND	3	122	1	2	2	151	2.47	.03	10	79	3.60	22	.24	8	3.80	.15	.06	1	.01	.001
M-163	1	8	19	52	.1	16	5	329	2.06	2	5	ND	7	8	1	2	2	24	.10	.03	16	33	.70	16	.02	3	1.04	.06	.07	4	.01	.001
M-168	1	56	11	54	.1	29	13	206	4.05	29	5	ND	6	9	1	4	2	28	.14	.06	32	14	.28	116	.13	7	1.50	.03	.44	1	.01	.001
M-174	2	20	6	76	.1	10	5	450	2.98	2	5	ND	5	48	1	2	2	30	.50	.04	10	20	.54	33	.10	5	1.99	.22	.19	5	.01	.001
M-176	1	26	12	41	.1	6	4	330	1.96	10	5	ND	6	4	1	2	2	11	.02	.01	22	9	.24	40	.01	4	1.52	.03	.12	3	.01	.001
M-177	1	26	2	46	.1	14	7	319	2.52	7	5	ND	4	25	1	4	2	27	.21	.04	10	20	.46	49	.10	5	1.71	.08	.36	7	.01	.001
M-180A	1	16	17	84	.1	5	3	296	1.44	161	5	ND	18	2	1	4	3	9	.01	.01	20	10	.18	15	.01	3	.82	.04	.09	7	.01	.001
M-180B	1	10	9	63	.1	3	2	173	1.40	200	5	ND	19	2	1	3	2	3	.01	.01	27	6	.03	22	.01	5	.60	.03	.12	7	.01	.001
M-180C	1	19	192	23	1.4	1	1	127	.73	550	5	ND	2	1	1	2	8	2	.01	.01	6	9	.01	7	.01	2	.14	.01	.06	14	.04	.004
M-182	1	12	21	90	.1	3	5	483	1.87	130	5	ND	5	4	1	5	2	3	.01	.03	14	3	.03	27	.01	6	.50	.03	.15	3	.01	.001
M-184	1	14	11	34	.1	13	5	232	2.00	2	5	ND	13	4	1	2	2	23	.20	.05	25	20	.38	17	.01	11	.89	.05	.14	6	.01	.001
STD C	22	61	36	141	7.0	71	30	1124	3.98	36	19	8	36	49	18	15	19	70	.48	.11	41	60	.88	185	.09	36	1.73	.09	.12	14	-	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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: ROCK CHIPS AU** ANALYSIS BY FA+AA FROM 30 GRAM SAMPLE.

DATE RECEIVED: JULY 14 1986 DATE REPORT MAILED: July 18/86 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

ISLAND STAR RESOURCES PROJECT - OWL FILE # 86-1445

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
M207	1	67	66	115	.1	26	12	554	3.13	11	5	ND	6	5	1	2	2	41	.02	.028	16	40	.79	105	.05	4	3.69	.02	.13	1	3
M211A	3	134	41	306	.5	10	13	916	16.52	9	5	ND	5	3	2	2	2	16	.03	.028	2	7	1.08	20	.02	2	3.07	.03	.09	1	1
M217	1	40	12	54	.1	17	7	254	2.05	54	5	ND	10	5	1	2	2	28	.04	.018	10	30	.47	63	.03	3	2.02	.04	.12	1	3
M231	1	37	25	27	.2	2	2	131	1.08	2	5	ND	10	2	1	2	3	3	.01	.005	15	3	.08	40	.01	4	.88	.03	.14	1	1
M244	2	70	10	18	.2	3	1	126	.90	12	7	ND	16	3	1	2	2	5	.05	.004	18	3	.09	6	.01	2	.36	.05	.08	1	1
M250	2	18	4	33	.2	1	1	169	.47	26	19	ND	1	159	1	2	5	5	26.88	.003	2	3	9.97	2	.01	108	.11	.09	.01	3	1
M257	7	6	7	36	.1	1	4	496	1.87	2	5	ND	3	25	1	2	2	52	.64	.047	9	4	8.34	158	.14	15	3.16	.09	.58	3	1
M260	2	92	7	71	.4	5	6	935	2.56	38	5	ND	3	15	1	6	3	47	2.44	.064	8	3	.86	33	.13	57	2.03	.08	.08	1	2
M261	1	13	10	73	.1	8	5	295	1.91	2	7	ND	6	6	1	4	2	24	.06	.021	13	11	.74	39	.01	4	1.28	.06	.14	1	1
M264	4	57	7	39	.2	54	17	220	3.15	24	5	ND	1	218	1	2	2	121	3.96	.093	5	115	1.57	243	.29	12	4.03	.24	.98	1	1
M270A	1	46	327	270	6.2	5	2	1161	1.35	124	5	ND	14	5	1	6	28	6	.08	.011	19	5	.18	8	.01	3	.34	.09	.06	1	29
M271A	2	125	42	29	20.1	4	1	42	1.37	1670	5	ND	13	4	1	67	3	4	.03	.008	18	4	.63	21	.01	7	.33	.01	.17	3	940
M271B	1	70	24	72	.4	5	2	187	1.21	80	5	ND	14	7	1	2	2	7	.59	.009	14	5	.15	17	.01	4	.84	.05	.11	2	140
M271C	1	81	16	53	.3	5	2	165	1.15	58	5	ND	16	3	1	2	2	6	.02	.012	19	6	.09	14	.01	5	.54	.04	.12	2	45
M272B	1	24	10	33	.3	5	2	120	1.14	21	5	ND	14	2	1	3	3	7	.01	.008	17	6	.08	15	.01	4	.69	.05	.10	2	120
M275	1	21	13	41	.2	4	2	115	1.19	10	5	ND	14	2	1	2	2	6	.01	.008	16	7	.09	13	.01	4	.72	.05	.10	1	14
M276	1	14	14	37	.1	4	2	142	1.23	26	5	ND	14	2	1	4	2	7	.02	.013	17	5	.10	10	.01	4	.60	.04	.10	2	23
M280	1	13	11	36	.1	4	2	129	1.06	10	5	ND	12	2	1	3	2	6	.01	.009	17	5	.09	11	.01	3	.54	.04	.10	1	29
M282	1	12	13	44	.2	2	4	180	1.61	536	5	ND	7	2	1	8	2	5	.04	.024	16	4	.05	17	.01	6	.49	.02	.19	2	210
M288A	7	170	18	137	1.1	21	12	2793	3.02	28	9	ND	7	16	1	2	2	42	1.17	.043	16	21	6.47	76	.05	40	3.54	.05	.07	13	75
M288B	1	8	4	6	.2	1	1	109	.28	15	12	ND	3	255	1	2	3	3	39.46	.003	2	1	1.37	4	.01	15	.08	.09	.01	3	12
STD C/FA AU	21	59	42	136	7.1	71	29	1103	3.97	36	17	7	34	48	18	15	18	68	.48	.104	37	57	.88	180	.08	37	1.73	.08	.13	15	50

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED JAN 12 1987

DATE REPORTS MAILED Jan 15/87

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : P1-2 SILTS -80 MESH P3-4 ROCKS
Au* - 10 GM.IGNITED. HOT AQUA REGIA LEACHED. MIBK EXTRACTION. AA ANALYSIS.

ASSAYER: D. Toye DEAN TOYE . CERTIFIED B.C. ASSAYER

GEO P.C. SERVICES PROJECT ISLAND STAR OWL FILE# 87-0053 PAGE# 1

SAMPLE	Au* ppb
S87-01	1
S87-02	1
S87-03	1
S87-04	5
S87-05	1
S87-06	3
S87-07	1
S87-08	3
S87-09	22
S87-10	2
S87-11	3
S87-12	1
S87-13	2
S87-14	1
S87-15	1
S87-16	3
S87-17	2
S87-18	3
S87-19	2
S87-20	2
S87-21	1
S87-22	3
S87-23	1
S87-24	1
S87-25	6
S87-26	1
S87-27	4
S87-28	3
S87-29	14
S87-30	17
S87-31	6
S87-32	4
S87-33	2
S87-34	1
S87-35	1
S87-36	1

SAMPLE	Au ppb
587-27	1
587-28	2
587-29	1
587-09-01	4
587-09-02	1
587-09-03	1
587-09-04	2
587-09-05	2
ROAD WASH 1456	1

SAMPLE	Au# oob
51001	1
51002	6
51003	1
51004	1
51005	1
51006	1
51007	1
51008	1
51008 <A>	1
51009	1
51010	1
51011	2
51012	5
51013	6
51014	3
51015	22
51016	2
51017	34
51018	4
51019	1
51020	54
51021	4
51022	10
51023	5
51024	1
51025	2
51026	1
51027	1
51028	4
51029	1
51030	1
51031	1
51032	1
51033	1
51034	1
51035	110

SAMPLE	Au# ppb
51036	2
51037	18
51038	10
51039	1
51040	1
51041	1
51042	4
51043	1
51044	1
51045	2
51046	1
51047	1
51048	20
51059	6
51060	1
51061	1
51062	8
51063	1
51064	3
51065	1
51066	1
51067	1
51068	1
51069	1
51070	2
51071	1
51072	1
51073	1
51074	4
51075	1
50551	2
50552	3
50553	14
50554	6

N

HIGHWAY

ALBERNI

TOFINO

SALMONBERRY MOUNTAIN

RIDGE

BACK

RAZOR

MOUNT FREDRICK

OWL 1

TERT 1

TERT 2

Creek

Merryville

Sample number, ppb Au

86 - Aurum Geological sampling

M Benvenuto sampling

5---- Henneberry sampling

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,575

0 200 1000
Metres

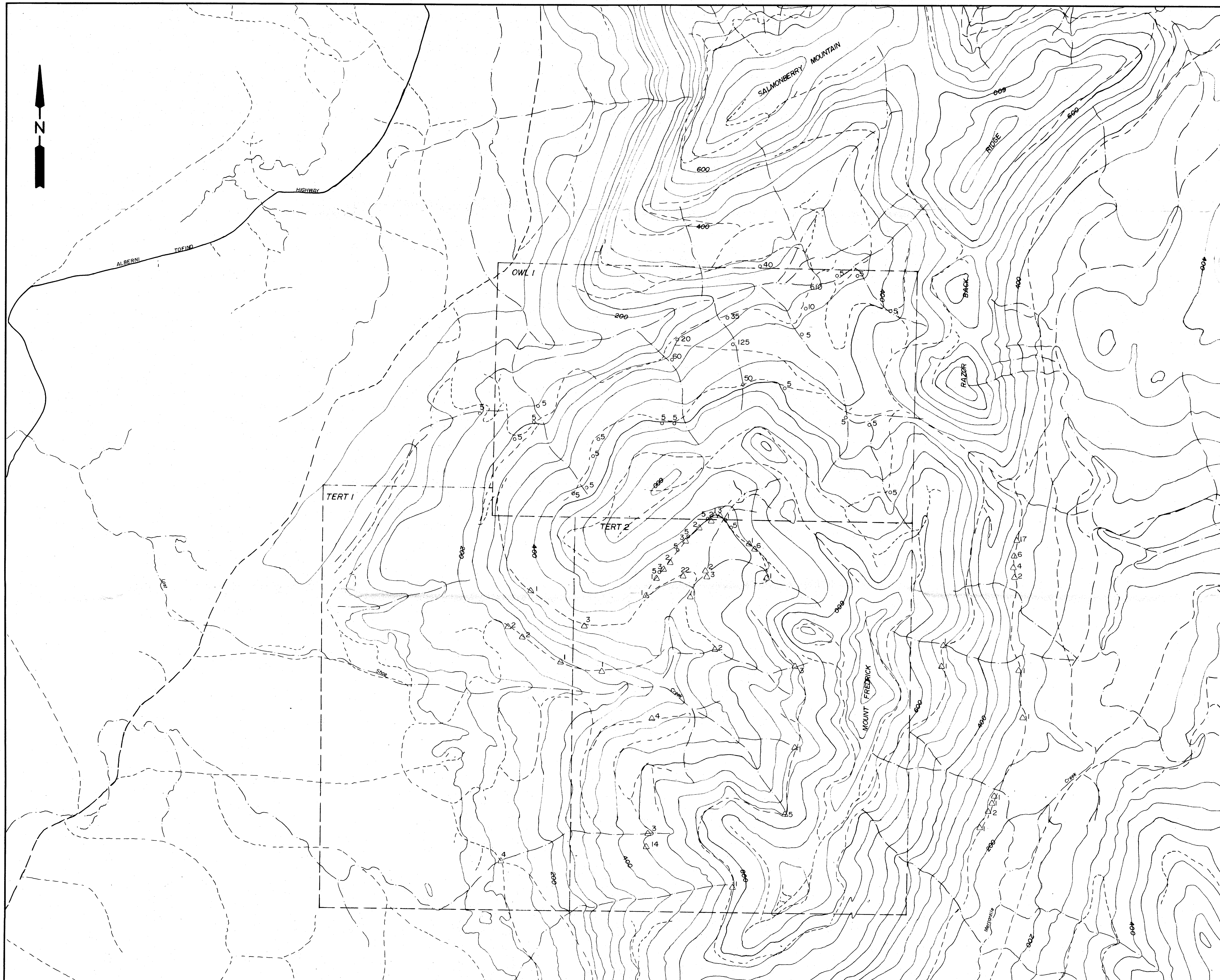
CONTOUR INTERVAL IS 40 METRES

ISLAND STAR RESOURCE CORP

OWL PROJECT
SHEAR ZONE ASSAY OVERLAY

DRAWN BY	R.T. HENNEBERRY	SCALE	1: 10,000
CHECKED BY		DATE	DECEMBER, 1986
APPROVED BY		DRAWING NO	FIGURE 6

TRANSLAR



GEOLOGICAL BRANCH ASSESSMENT REPORT

15,575

○ 1981 B.P. Minerals sample

△ 1987 Island Star sample

0 200 1000
Metres

CONTOUR INTERVAL IS 40 METRES

ISLAND STAR RESOURCE CORP	
OWL PROJECT SILT GEOCHEMISTRY Au (ppb)	
DRAWN BY: R.T. HENNEBERRY	SCALE: 1:10,000
CHECKED BY:	DATE: DECEMBER, 1986
APPROVED BY:	DRAWING NO.: FIGURE 4

N

HIGHWAY

ALBERNI

TOFINO

OWL

TERT 1

TERT 2

SWITCH BACK SHEAR ZONE

SALMONBERRY MOUNTAIN

RIDGE

BACK

RAZOR

MOUNT FREDRICK

MG SHOWING

RAIN SHOWING

NW SHEAR ZONE

SW SHEAR ZONE

STOP 87-08-01

STOP 87-06-01

STOP 87-06-02

Creek

Metzonite

PMW

TRPB

JB

Tv

TG

600

400

200

LEGEND

TERTIARY

- REGIONAL SHEAR / FAULT
- SHEAR ZONE, dip direction
- **Tv** LOST SHOE VOLCANICS
  dacite, rhyodacite; flows, tuffs, ignimbrites
- **TG** CATFACE INTRUSIONS
  biotite quartz diorite, biotite quartz monzonite, quartz feldspar porphyry

EARLY TO MIDDLE JURASSIC

- **JB** BONANZA GROUP
  basaltic to rhyodacitic flows, tuff, breccia; sills and dykes; minor greywacke, argillite

LATE TRIASSIC

- **TRPB** PARSON BAY FORMATION
  well-bedded carbonaceous, calcareous, siltstone, silty limestone; commonly silicified near intrusive contacts
- **TRQ** QUATSINO FORMATION
  well-bedded massive to micritic limestone

PALEOZOIC AND/OR MESOZOIC

- **PMW** WESTCOAST COMPLEX
  quartz diorite, diorite, amphibolite, agmatite, metavolcanic and metasedimentary rocks

Creek — Logging road

LITHOLOGIC MAPPING BY MULLER

SHEAR ZONE MAPPING BY HENNEBERRY

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,575

0 200 1000
Metres

CONTOUR INTERVAL IS 40 METRES

ISLAND STAR RESOURCE CORP

OWL PROJECT
PROPERTY GEOLOGY

DRAWN BY: R T HENNEBERRY	SCALE: 1: 10,000
CHECKED BY	DATE: DECEMBER, 1986
APPROVED BY:	DRAWING NO: FIGURE 5

TRANSLAR

OWL 1

TERT 1

TERT 2

6 00 N

4 00 N

2 00 N

0 00

2 00 S

4 00 S

6 00 W

4 00 W

2 00 W

0 00

2 00 E

4 00 E

6 00 E

8 00 E

N

INCOMPLETE

0 100 500
Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,575

ISLAND STAR RESOURCE CORP

OWL PROJECT

A GRID SOIL GEOCHEMISTRY Au (ppb)

DRAWN BY: RT HENNEBERRY	SCALE: 1: 5,000
CHECKED BY:	DATE: FEBRUARY, 1987
APPROVED BY:	DRAWING NO: FIGURE 7a

OWL 1

TERT 1

TERT 2

200

400

600

6 00 N

4 00 N

2 00 N

0 00

2 00 S

4 00 S

6 00 W

0 00

8 00 E

N

INCOMPLETE

0 100 500

Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,575

ISLAND STAR RESOURCE CORP

OWL PROJECT

A GRID SOIL GEOCHEMISTRY Ag (ppm)

DRAWN BY: RT HENNEBERRY	SCALE: 1: 5,000
CHECKED BY:	DATE: FEBRUARY, 1987
APPROVED BY:	DRAWING NO: FIGURE 7b

OWL 1

TERT 1

TERT 2

6 00 N

4 00 N

2 00 N

0 00

2 00 S

4 00 S

6 00 W

4 00 E

8 00 E

INCOMPLETE

0 100 500
Metres

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,575

ISLAND STAR RESOURCE CORP

OWL PROJECT

A GRID SOIL GEOCHEMISTRY As (ppm)

DRAWN BY: RT HENNEBERRY	SCALE: 1: 5,000
CHECKED BY:	DATE: FEBRUARY, 1987
APPROVED BY:	DRAWING NO: FIGURE 7c

OWL 1

TERT 1

TERT 2

6 00 N

4 00 N

2 00 N

0 00

2 00 S

4 00 S

6 00 W

0 00

8 00 E

N

INCOMPLETE

0 100 500
Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,575

ISLAND STAR RESOURCE CORP

OWL PROJECT

A GRID SOIL GEOCHEMISTRY Hg (ppb)

DRAWN BY: RT HENNEBERRY	SCALE: 1: 5,000
CHECKED BY:	DATE: FEBRUARY, 1987
APPROVED BY:	DRAWING NO: FIGURE 7d

OWL 1

TERT 1

TERT 2

200

400

600

800

6 00 N

4 00 N

2 00 N

.0 00

2 00 S

4 00 S

6 00 W

0 00

8 00 E

N

INCOMPLETE

0 100 500
Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,575

ISLAND STAR RESOURCE CORP

OWL PROJECT

A GRID SOIL GEOCHEMISTRY Pb (ppm)

DRAWN BY: RT HENNEBERRY	SCALE: 1: 5,000
CHECKED BY:	DATE: FEBRUARY, 1987
APPROVED BY:	DRAWING NO: FIGURE 7e