Daiwan Engineering Ltd.
1030-609 Granville Street, Vancouver, B. C. Canada. V7Y 1G5
Phone: (604) 688-1508

GEOCHEMICAL ASSESSMENT REPORT

ON THE

WAN '90 PROPERTY

NORTH VANCOUVER ISLAND, BRITISH COLUMBIA

NTS: 92L/12

Latitude: 50° 37'
Longitude: 127° ~~40'~~ 43'

For

Acheron Resources Ltd.
1030 - 609 Granville Street
Vancouver, B.C.
V7Y 1G5

By

Rod W. Husband, B.Sc.

May 3, 1990

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SUMMARY

Daiwan Engineering conducted a two part exploration program on the Wan '90 property between March 10 and April 12, 1990.

The first part of the program consisted of analysis of 90 soil samples that were collected as part of previous assessment work.

During the second stage, a 2.5 kilometre baseline was cut and a total of 270 soil samples were collected from two reconnaissance soil grids. Prospecting and sampling of some of the outcrop was also conducted as part of the second stage. A total of 27 rock samples were collected from creeks and along road cuts, 23 of these samples were submitted for assay.

A total of $14,438.45 was spent on exploration during the two stage program.

INTRODUCTION

At the request of Mr. Ron Philp, president of Acheron Resources Ltd., Daiwan Engineering conducted a two part geochemical exploration program on the Wan '90 property.

The first part of the program consisted of the geochemical analysis of 90 soil samples that were previously collected from the claims by B. Pearson. The cost of this analysis, $ 1,090.80, was applied as assessment work on the Wanda 16-19 claims.

The second stage of the program consisted of cutting a baseline and establishing two soil grids on the claims in addition to prospecting. The cost of this stage, $12,800, was applied to the remaining claims in the group.

Work was carried out on the claims between March 10 and April 12, 1990.

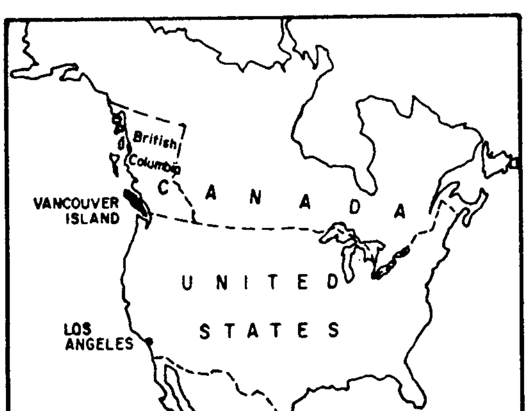
This report is a compilation of work done on the property and from previous reports on the area.

LOCATION AND ACCESS

The Wan '90 property is located on northern Vancouver Island, approximately 360 km (225 miles) northwest of Vancouver, British Columbia, Canada (Figure 1). Locally this claim group on the north side of Holberg Inlet on N.T.S. topographic map 92L/12 consists of 92 contiguous claims (see Figure 2). Most areas of the property can be reached by well maintained logging roads and forest tracks. The main access to the claim block is by forest road "P Main" a branch of "Wanokana Main" which commences on the outskirts of Coal Harbour.

Regular air service is provided by both Air B.C. and Time Air from Vancouver to Port Hardy, each on a twice daily schedule. Alternately, there is good highway access, with travel from Vancouver taking 7 hours.

Port Hardy is the local commercial centre, but there are forestry and fishing centres at Coal Harbour and Holberg.



ACHERON RESOURCES LTD.

WAN PROPERTY
Northern Vancouver Island

LOCATION MAP

DAIWAN ENGINEERING LTD.

SCALE	DATE	FIG.
1:8,000,000	April, '90	1

TOPOGRAPHY AND VEGETATION

The property is characterized by many low, northwest to westerly trending hills and ridges bounded by narrow deeply incised valleys and steep slopes. Elevations range from sea level to over 300 metres (1,000 ft). Within the claim block ridge tops are commonly about 150 metres (500 ft) above valley bottom. The property is within N.T.S. topographic map 92L/12.

The claims are located within an active logging area, consequently forest cover varies from mature stands of fir, hemlock, spruce and cedar to dense second growth or to open clear-cut areas of recent logging. Some of the ridge tops are fairly open with only stunted evergreens. Low areas, especially along creeks have thick brush and berry bushes.

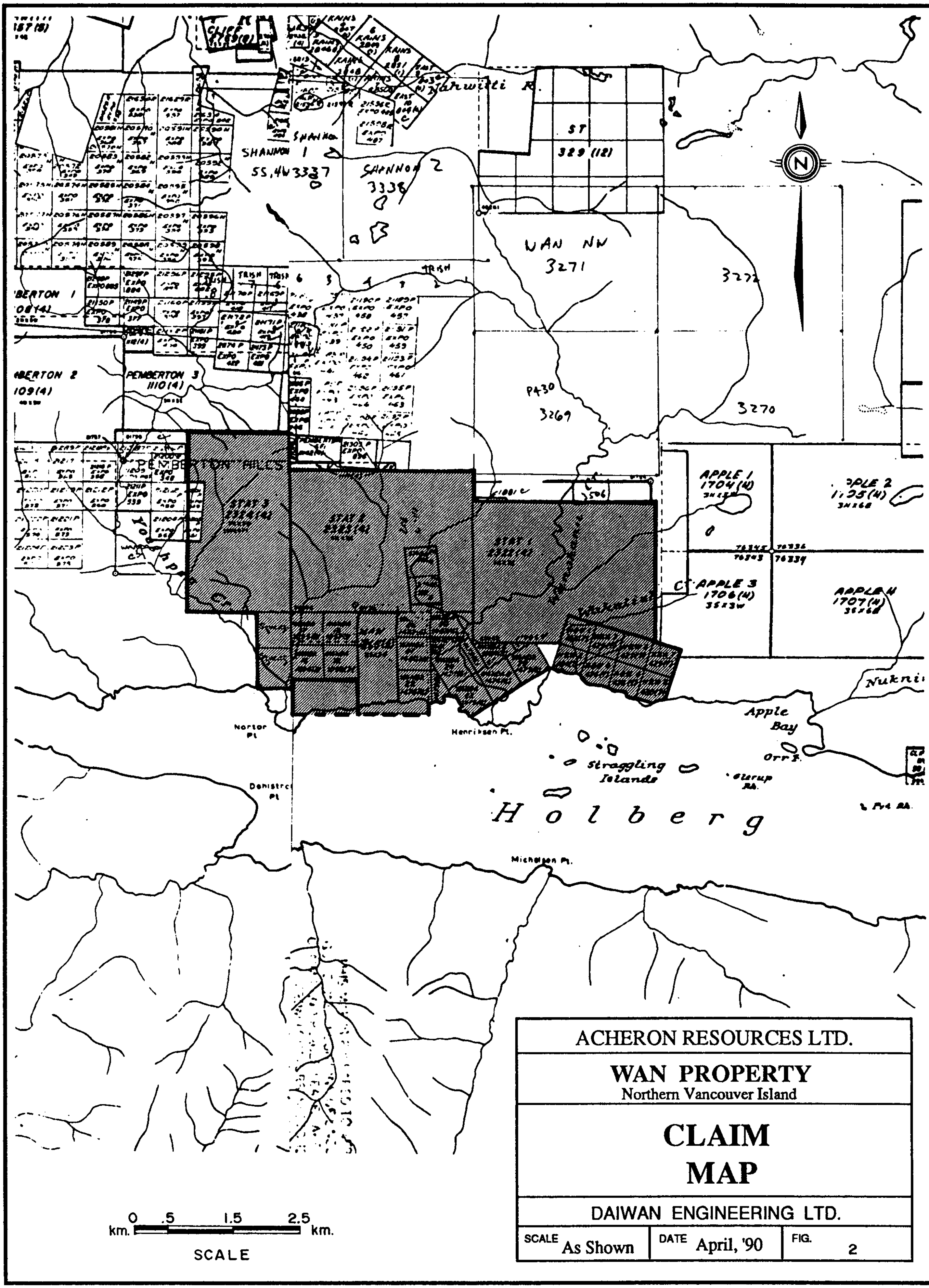
Rock exposure is well defined in the areas of high relief, and on the higher ridges. However, thick humus development on the forested and logged slopes and scattered residual glacial gravels in the valley bottoms restrict geological mapping in these areas to the logging roads and the creek gulleys.

PROPERTY

The Wan '90 property consists of the following contiguous claims:

	Rec. No.	Units	Expiry	Owner
Wanda 16-19	1094-1097	4	23 March 91	B. Pearson
Wanda 20-30	1473-1483	11	2 June 91	B. Pearson
Stat 1	2322	20	14 April 91	M. Pearson
Stat 2	2323	20	14 April 91	M. Pearson
Stat 3	2324	15	14 April 91	M. Pearson
H & W 1-8	423-430	8	19 July 91	R. McBean
P. Main	3745	12	15 March 92	B. Pearson
Squeeze 1	3746	1	15 March 92	B. Pearson
Squeeze 2	3747	1	15 March 92	B. Pearson

The expiry dates shown are pending acceptance of this report.



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WAN PROPERTY
Northern Vancouver Island

CLAIM MAP

DAIWAN ENGINEERING LTD.

SCALE As Shown	DATE April, '90	FIG. 2

HISTORY

Northern Vancouver Island has been intermittently explored since the early 1800's. Between 1849 and 1920 several attempts were made at mining coal in the Port Hardy area. These operations failed due to the poor quality of coal. In the early 1900's, minor coal was mined at Coal Harbour, located on the north shore of Holberg Inlet.

Copper was discovered in 1911 at Benson Lake, 25 miles southeast of Port Hardy. This property, now known as Coast Copper Mine, was acquired by Cominco in 1916. They carried out considerable underground development work, but closed down in 1931, remaining idle until 1960. It was then actively mined between 1962-1972 producing copper and iron concentrates which were shipped to Japan.

Magnetite occurrences were located in the Benson Lake area in 1897, but were considered of interest only for their copper content until the early 1950's. They were explored for their iron content between 1950-56, then mined until 1967 when the operation ceased. Iron concentrates were also shipped to Japan.

In 1963, the B.C. Department of Mines published the results of a recently completed aeromagnetic survey covering the northern end of Vancouver Island.[2] Since magnetite deposits were of interest at this time, considerable exploration activity was generated in the area examining all magnetic anomalies of interest.

One magnetic anomaly of fairly large areal extent was recorded on the eastern end of Rupert Inlet. Diligent prospecting in this area located a number of poorly exposed copper occurrences. A large number of claims were located in 1966 and subsequently the property was acquired by Utah Construction and Mining Company, now BHP-Utah Mines Ltd. Over the years, they added to the claim block and conducted extensive geological-geochemical-geophysical surveys and diamond drilling throughout the claim block. This work resulted in locating the large copper-molybdenum deposit which was developed into Island Copper Mine (Figure 4). The mine commenced production in October 1971. Production to 1987 has been in excess of 200 million tonnes milled, for concentrate sales of 753,000 tonnes of copper, 23.1 million grams gold, 168 million grams silver, and 15.3 tonnes molybdenum[14].

With the discovery of significant copper mineralization on the Utah property, a great deal of interest was generated in the area by individuals and companies searching for copper. Many copper occurrences were located but none were found to be economic.

During the height of the exploration activity, Utah Mines Ltd. controlled most of the ground extending from the east end of Rupert Inlet to the west end of Holberg Inlet. Their properties included the large block of claims covering the Island Copper deposit, as well as the favourable geology on trend to the northwest (most of the present Expo group). After exploring the area extensively to 1975, Utah dropped some of the claims but retained the Expo group. Exploration on these claims had located a large area of low grade copper-molybdenum mineralization (the Hushamu zone) estimated to contain 58,420,000 mineable tonnes grading 0.32% Cu, 0.008% Mo and 413 ppb gold with a stripping ratio of 2.21:1. The drill indicated reserve for the deposit is over 100 million tonnes at the same grade, but higher stripping ratio. [4]

A number of other alteration zones, similar to that at Island Copper Mine and the Hushamu zone, were investigated. While some were mineralized, they were not significant enough at the time to warrant further development.

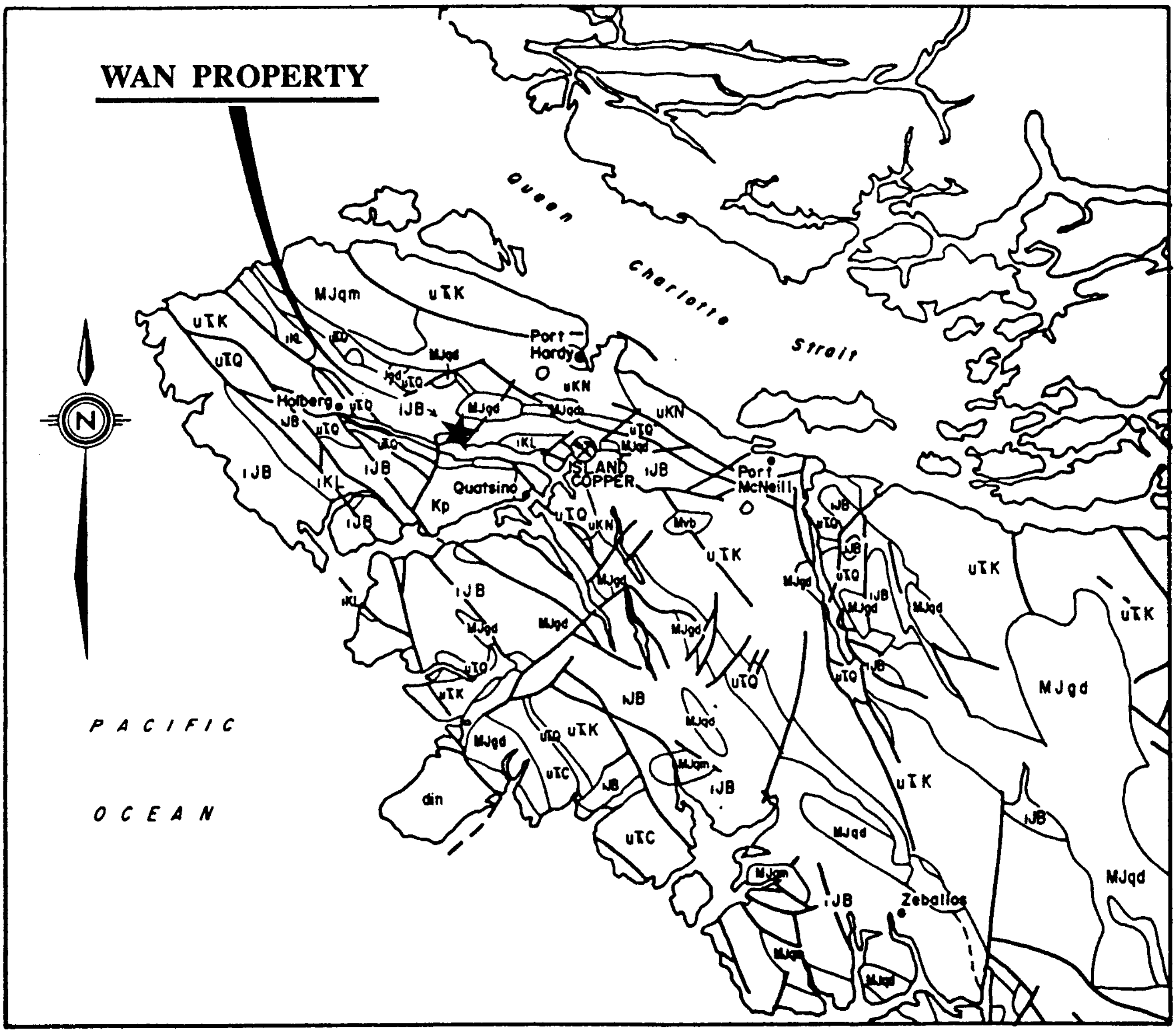
The Hushamu deposit, and these other alteration zones, are the targets for gold and copper exploration. The urgency for developing a further copper deposit in the area is prompted by the expected closure of the Island Copper Mine in 1996 due to the exhaustion of the pit reserves. Exploration on and around this deposit is continuing to date.

Work on the current Wan '90 property consisted of prospecting by Utah Mines in the early 1970's, when it was part of the Expo group. In the late 1970's the claims lapsed and Mr. Pearson, an ex-Utah employee staked the ground. He has maintained the ground by limited geological prospecting of the areas surrounding the anomalies found by Utah Mines.

REGIONAL GEOLOGY

Vancouver Island, north of Holberg and Rupert Inlets, is underlain by rocks of the Vancouver Group. These rocks range in age from Upper Triassic to Lower Jurassic. They are intruded by rocks of Jurassic and Tertiary age and disconformably overlain by Cretaceous sedimentary rocks. Figure 3 shows the geological mapping of the northern part of the Island.

Faulting is prevalent in the area. Large-scale block faults with hundreds to thousands of metres of displacement are offset by younger strike-slip faults with displacements up to 750 metres (2,500 feet).



LEGEND

MIOCENE
- Mvb basalt flows,sills and dykes

UPPER CRETACEOUS, PALEOCENE,EOCENE
- Kp QUEEN CHARLOTTE GROUP: siltstone,shale,greywacke

UPPER CRETACEOUS
- uKN NANAIMO GROUP: sandstone,shale,conglomerate

LOWER CRETACEOUS
- lKL LONGARM;greywacke,conglomerate

JURASSIC
- Jgd granodiorite,quartz diorite

MIDDLE JURASSIC
- MJqm quartz monzonite,granite,monzonite
- MJgd granodiorite
- MJqd quartz diorite

LOWER JURASSIC
- lJB BONANZA;andesite,dacite,rhyolite

UPPER TRIASSIC
- uTQ QUATSINO and PARSON BAY: limestone,argillite
- uTK KARMUTSEN:basalt, pillow lava

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WAN PROPERTY
Northern Vancouver Island

REGIONAL GEOLOGY

(from JB ENGINEERING LTD., Sept.'89)

DAIWAN ENGINEERING LTD.

SCALE	DATE	FIG.
1:8,000,000	April, '90	3

The Vancouver Group is described as follows:[6]

(a) **Basal Sediment - Sill Unit: Middle and Upper Triassic Age**

The basal sediment-sill unit consists of laminated to graded-bedded black shales and siltstones, silicified and invaded by diabase sills. The entire unit is estimated as 750-900 metres (2,500-3,000 feet) with the sedimentary portion being about 180 metres (600 feet) thick.

(b) **Karmutsen Formation: Upper Triassic Age**

Karmutsen Formation consists of 3,000-6,000 metres (10-20,000 feet) of volcanic flows, pyroclastics and minor sediments. It includes three distinct units: a lower pillow lava unit, a middle pillow breccia unit, and an upper lava flow unit. The latter consists of predominantly porphyritic and amygdaloidal basalt flows, individual flows of which range from 1-30 metres (to 100 feet) thick.

Two thin bands of limestone occur near the top of the Karmutsen Formation. The distribution of limestone outcrops is erratic and suggests a series of lenses at the same general stratigraphic horizon rather than one continuous bed.

The lower contact of the formation has not been observed on the northern part of Vancouver Island. The upper contact with limestone of the Quatsino Formation generally is sharp and easily recognized, although limestones and basalt locally are interbedded over a narrow stratigraphic interval at this contact.

Low-grade metamorphism of the Karmutsen Formation rocks has resulted in pervasive chloritization and amygdules filled with epidote, carbonate, zeolite, prehnite, chlorite, and quartz.

Basaltic rocks along contacts with intrusive stocks are in many places converted to dark-coloured hornblende hornfels. Skarn zones occur sporadically along these contacts, both in the inter-lava limestones and in the basalts.

(c) **Quatsino Formation: Upper Triassic Age**

The Quatsino Formation ranges from 60-1,000 metres (200-3,500 feet) in thickness and consists almost entirely of limestone with a few thin andesite or basalt flows. It has conformable contacts with both the overlying Parson's Bay sediments and the underlying Karmutsen volcanics. The upper contact with the Parson's Bay Formation is gradational with limestone grading upward into carbonaceous argillites.

Within the contact metamorphic/metasomatic aureoles adjacent to intrusive stocks, skarn development and silicification of limestone, accompanied by chalcopyrite-magnetite or galena, sphalerite and silver mineralization has been noted.

(d) <u>Parson's Bay Formation: Upper Triassic Age</u>

The Parson's Bay Formation consists of between 60-360 metres (200-1,200 feet) of argillite, minor limestone, agglomeratic and tuffaceous limestone, tuff, quartzite and minor conglomerate. At both its base and top, the unit exhibits gradational contacts with the Quatsino and Harbledown Formations.

On a regional scale, the rocks are unmetamorphosed. Locally, adjacent to intrusive contacts, pyrite-magnetite replacement bands up to one-half inch thick in banded tuffs have been observed.

(e) <u>Harbledown Formation: Lower Jurassic Age</u>

The Harbledown Formation consists of 485 metres (1,600 feet), a non-volcanic argillite-greywacke sequence separating the Parson's Bay from the Bonanza Formation.

(f) <u>Bonanza Formation: Lower Jurassic Age</u>

The Bonanza Formation is approximately 1,500 metres (8,500 feet) thick. The lower portion consists of bedded and massive tuffs, formational breccias and rare amygdaloidal and porphyritic flows, in the compositional range andesite to basalt. Porphyritic dykes and sills intrude the lower part of the unit. In the upper part of the Bonanza, rhyodacite flows and breccias become more numerous and are interbedded with andesite and basalt flows, tuffs and tuff breccias.

Regional metamorphism within the Bonanza Volcanics is very low grade, possibly zeolite facies. Plagioclase commonly is albitized and saussuritized. Chlorite, epidote and laumontite occur within the matrix of volcanic breccias, in veinlets, and in amygdules. Coarse intraformational breccias locally are hematized.

Biotite and amphibolite hornfelses occur adjacent to stocks which intrude the Bonanza Volcanics.

"Pyrobitumen", a black hydrocarbon erratically distributed within the Bonanza rocks, generally occurs as fracture fillings or in the centre of zeolite-carbonate veins. Its distribution is not related to the position of the intrusive stocks.

Cretaceous Sediments

The Vancouver Group is unconformably overlain by non-marine Cretaceous sediments of the Longarm Formation which are estimated to be about 300 metres (1,000 feet) thick in the Port Hardy area. These sediments, consisting of conglomerate, sandstone, greywacke, and siltstone and some carbonaceous and impure coal seams, occupy local basins. Early coal mining in the district was from several of these basins.

Intrusive Rocks

The Vancouver Group rocks are intruded by a number of Jurassic-aged stocks and batholiths. In the Holberg Inlet area a belt of northwest-trending stocks extend from the east end of Rupert Inlet to the mouth of Stranby River on the north coast of Vancouver Island[15].

Quartz-feldspar porphyry dikes and irregular bodies occur along the south edge of the belt of stocks. Dykes are characterized by coarse, subhedral quartz and plagioclase phenocrysts set in a pink, very fine grained, quartz and feldspar matrix. They are commonly extensively altered and pyritized. At Island Copper Mine, these porphyries are enveloped by altered, brecciated, mineralized Bonanza wallrocks. The porphyries, too, are cut by siliceous veins, pyritized, extensively altered, and are mineralized where they have been brecciated. The quartz-feldspar porphyries are thought to be differentiates of middle Jurassic, felsic, intrusive rocks.

Other intrusive rocks of lesser significance include felsic dykes and sills around the margins of some intrusive stocks; dykes of andesitic composition, which cut the Karmutsen, Quatsino and Parson's Bay Formation, and represent feeders for Bonanza volcanism; and Tertiary basalt-dacite dykes intruding Cretaceous sediments.

Structure

The structure of the rocks north of Holberg and Rupert Inlets is that of shallow synclinal folding along a northwesterly fold axis. The steeper southwesterly limbs of the folds have apparently been truncated by faults roughly parallel to the fold axis. Failure of limestone during folding may have influenced the location of some of the faulting as indicated by their proximity of the Dawson and Stranby River Faults to the Quatsino horizon. Transverse faulting is pronounced and manifested by numerous north and northeasterly trending faults and topographic lineaments.

The northern part of Vancouver Island lies in a block faulted structural setting with post Lower Cretaceous northwesterly trending faults apparently being the major system. This system causes both repetition and loss of parts of the stratigraphic section, with aggregate movement in a vertical sense in the order of tens to hundreds of metres. The most significant of these fault systems trends west to northwest following Rupert and Holberg Inlets. Near the west end of the Holberg Inlet it splits with the main branch following the Holberg Inlet, the other branch passing through the west side of the Stranby Valley. Another northwesterly to westerly system passes through William Lake and still another smaller system passes through Nahwitti Lake.[6]

Northeasterly trending faults comprise a subordinate fault system. In some cases, apparent lateral displacement, in the order of a several hundred metres, can be measured on certain horizons. Movement, however, could be entirely vertical with the apparent offset resulting from the regional dip of the beds.

Recent computer modelling of the airborne magnetometer data has provided a very clear understanding of the relationship of secondary conjugate sets of northeast and north westerly faults related to the major west-northwest trending breaks.[7] These conjugate fault sets appear to relate directly to the significant mineralization at the Island Copper, Hushamu, Hep and Red Dog copper/gold deposits.

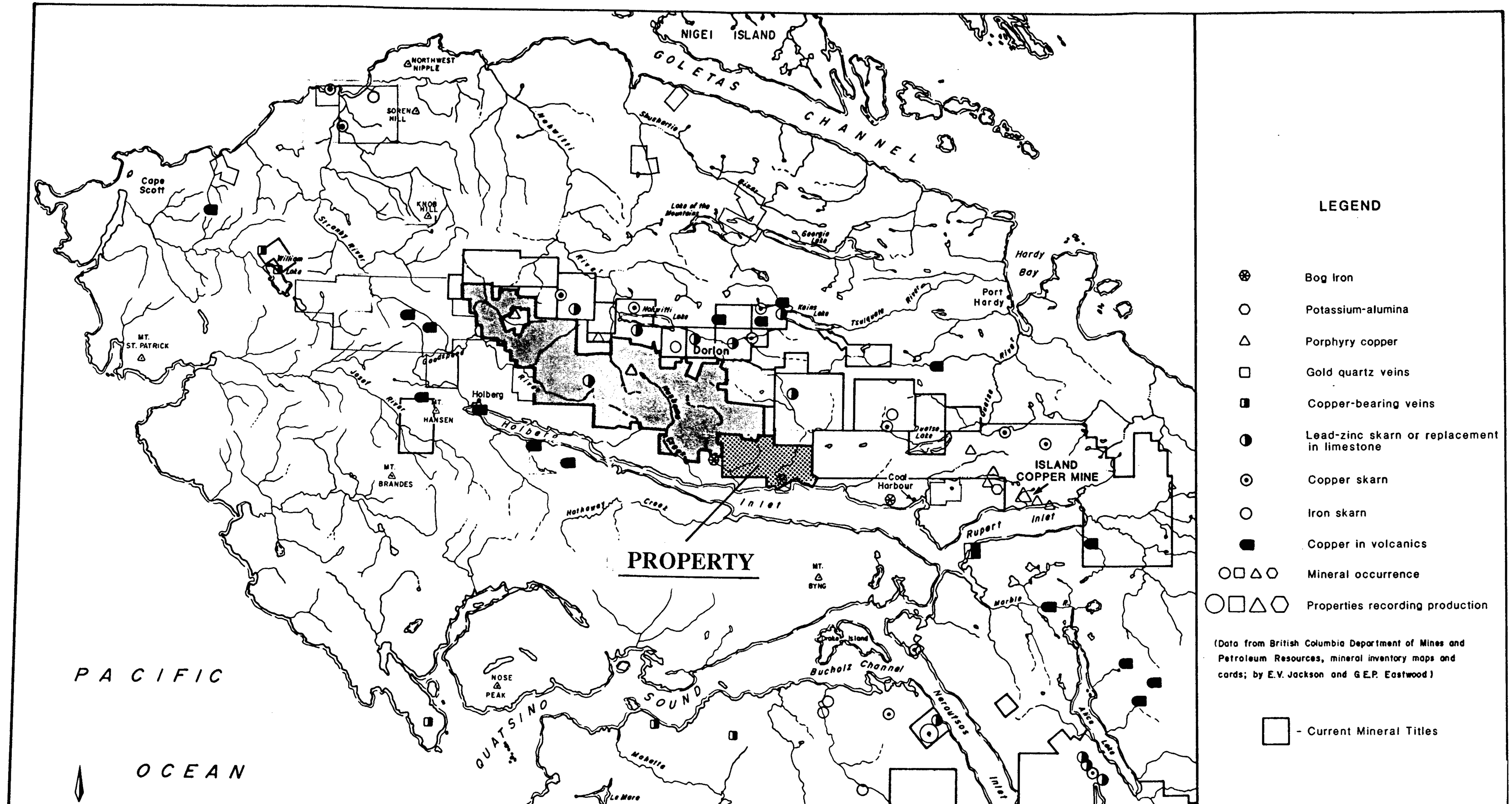
Generally, regional dip of the bedding is gentle to moderate southwesterly. Locally, in the area west of Holberg, dips are much steeper, but these are in close proximity to major faults. There is little folding or flexuring of bedding visible, except along loci of major faults where it is particularly conspicuous in thinly bedded sediments of Lower Bonanza. Bedding is generally inconspicuous in massive beds of Karmutsen, Quatsino and Bonanza rocks, particularly inland where outcrops are widely scattered.

REGIONAL MINERALIZATION

A number of types of mineral occurrences are known on Northern Vancouver Island. These include:

1. Skarn deposits: copper-iron and lead-zinc skarns

2. Copper in basic volcanic rocks (Karmutsen): in amygdules, fractures, small shears and quartz-carbonate veins, with no apparent relationship to intrusive activity



ACHERON RESOURCES LTD.

WAN PROPERTY
Northern Vancouver Island

REGIONAL MINERALIZATION OF NORTHERN VANCOUVER ISLAND

DAIWAN ENGINEERING LTD.

SCALE 1:250,000	DATE April, '90	FIG. 4

3. Veins: with gold and/or base metal sulphides, related to intrusive rocks

4. Porphyry copper deposits: largely in the country rock surrounding or enveloping granitic rocks and their porphyritic phases.

Utah Mines Ltd., in their many years of exploration in the Holberg-Rupert Inlets area, focused their attention on the search for copper porphyry deposits. Their exploration resulted in locating and developing the Island Copper Mine. In addition, they located other areas of porphyry mineralization, as well as two areas anomalous in gold and one area with massive sulphide mineralization within the Expo group claim area. Exploration in the past 6 months have been directed at verifying the extent of the gold mineralization within the copper deposits; detailing and testing the presently identified adjacent epithermal gold mineralization; and relating the sedimentary sulphide horizons, like those found on the Wan-90 property, to similar style mineralization presently mined by Western Mines at Buttle Lake to the south.

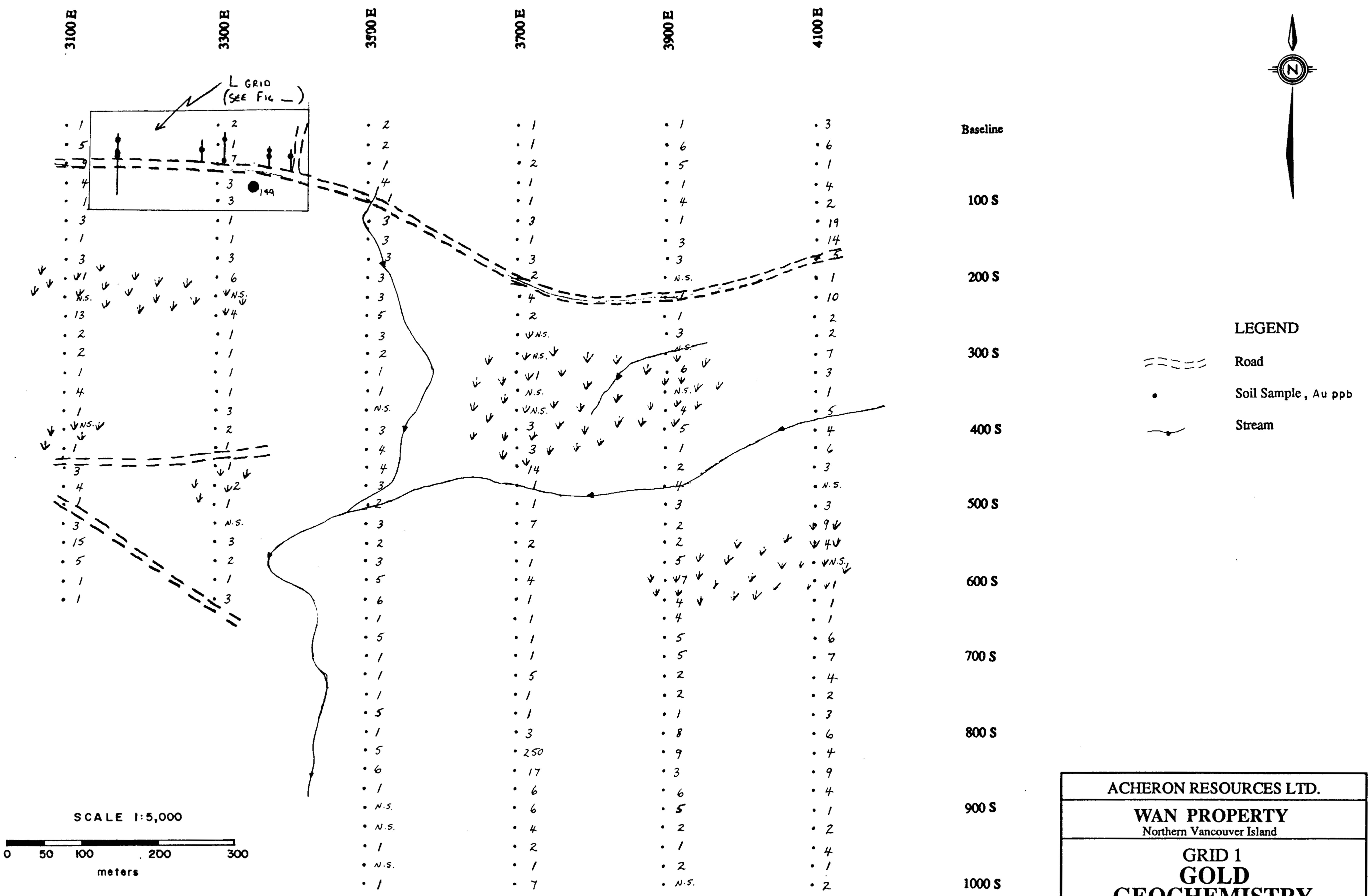
GEOCHEMICAL SURVEY

A total of 270 soil samples were collected from the property. The samples were collected at 25 metre stations on lines spaced 150 metres apart on Grid 1 and 100 metres apart on Grid 2. The soil samples were collected, from an average depth of 45 cm from the B horizon where possible, using a soil shovel and waterproof paper bags.

An additional 90 soil samples that were collected as part of previous assessment work were also analyzed as part of the current program.

The rock samples were representative chip samples, or float samples collected by prospectors J. Lucke, R. Bilquist or L. Allen. The rock samples were shipped to Acme Labs for crushing, grinding and analysis by 30 element I.C.P. and geochemical gold. Descriptions of all rock samples can be found in Appendix 1.

The samples were delivered to Acme Analytical Laboratories Ltd. in Vancouver where the soils were dried and screened to -80 mesh and the rocks were crushed and powdered to -80 mesh. The samples were then analyzed for 30 elements by I.C.P. which involves the digestion of 0.5 grams of the sample with 3-1-2 HCl-HNO3-H2O acid at 95 degrees celsius for one hour. This sample is then diluted to 10 ml with water and analyzed. The samples were also analyzed for gold by acid leach and atomic absorbtion by Acme labs. A complete list of assays is available in Appendix 2.



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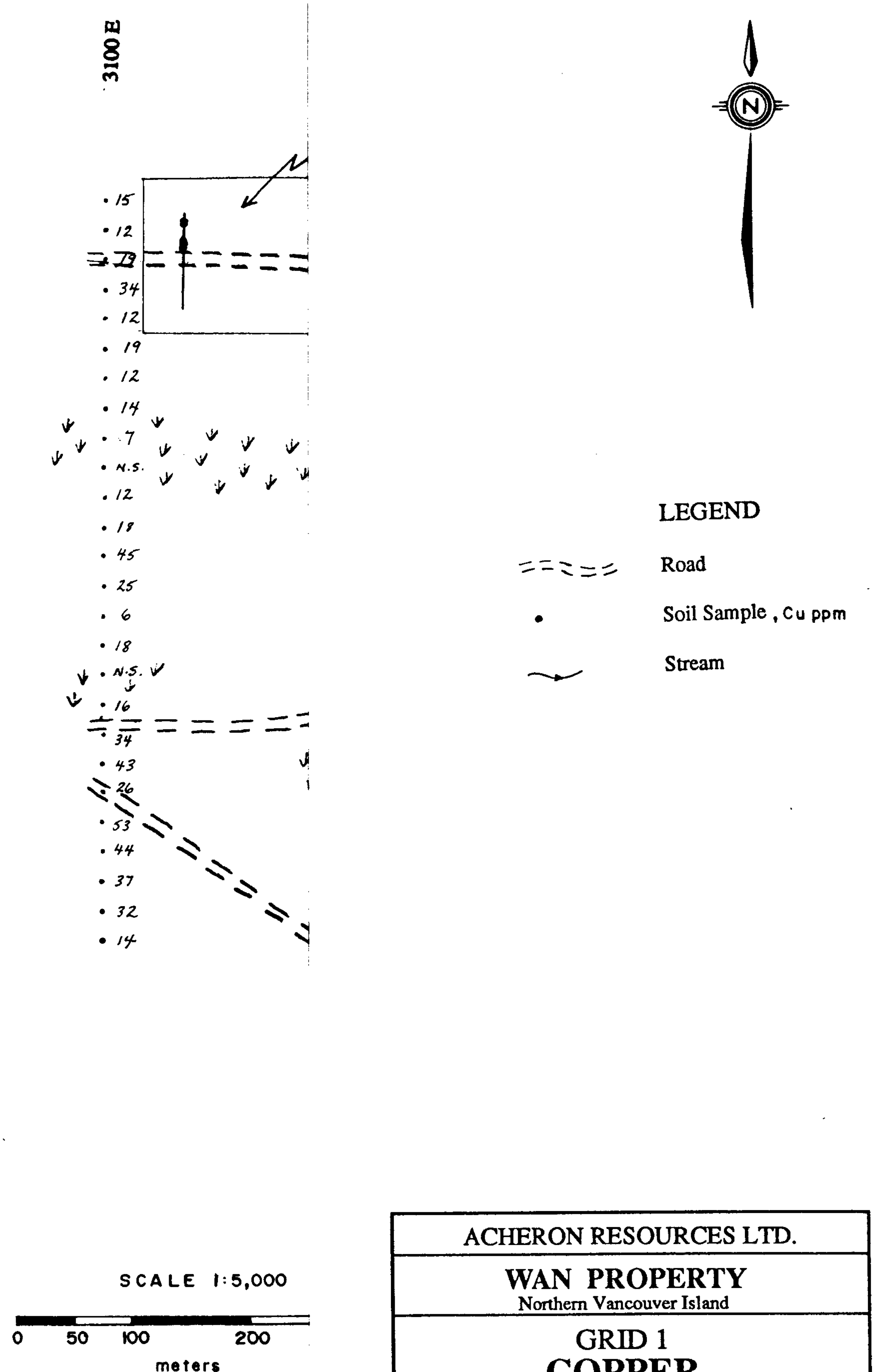
WAN PROPERTY
Northern Vancouver Island

GRID 1
GOLD GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

SCALE 1:5,000	DATE April, '90	FIG. 6a



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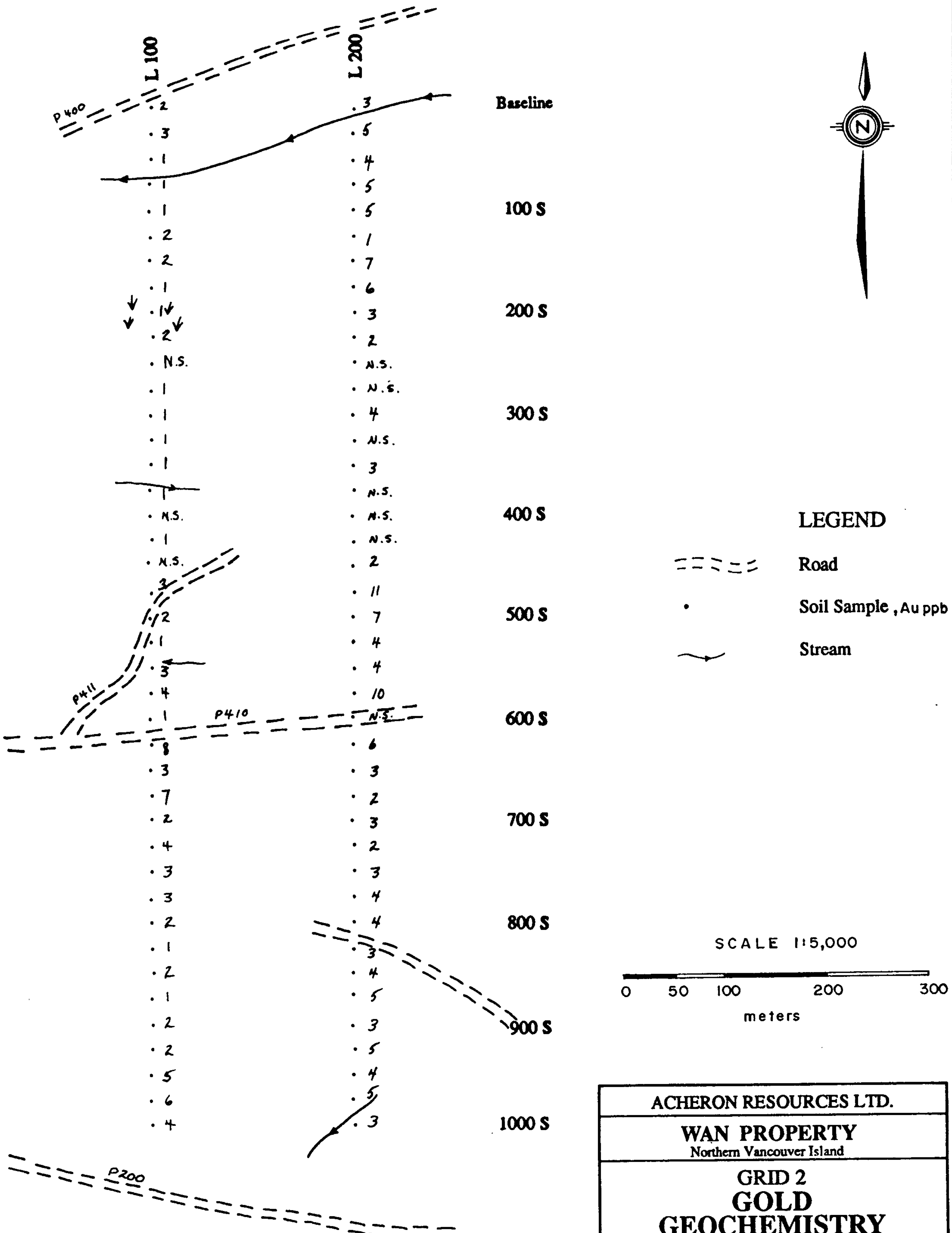
WAN PROPERTY
Northern Vancouver Island

GRID 1
COPPER GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

SCALE 1:5,000	DATE April, '90	FIG. 6b



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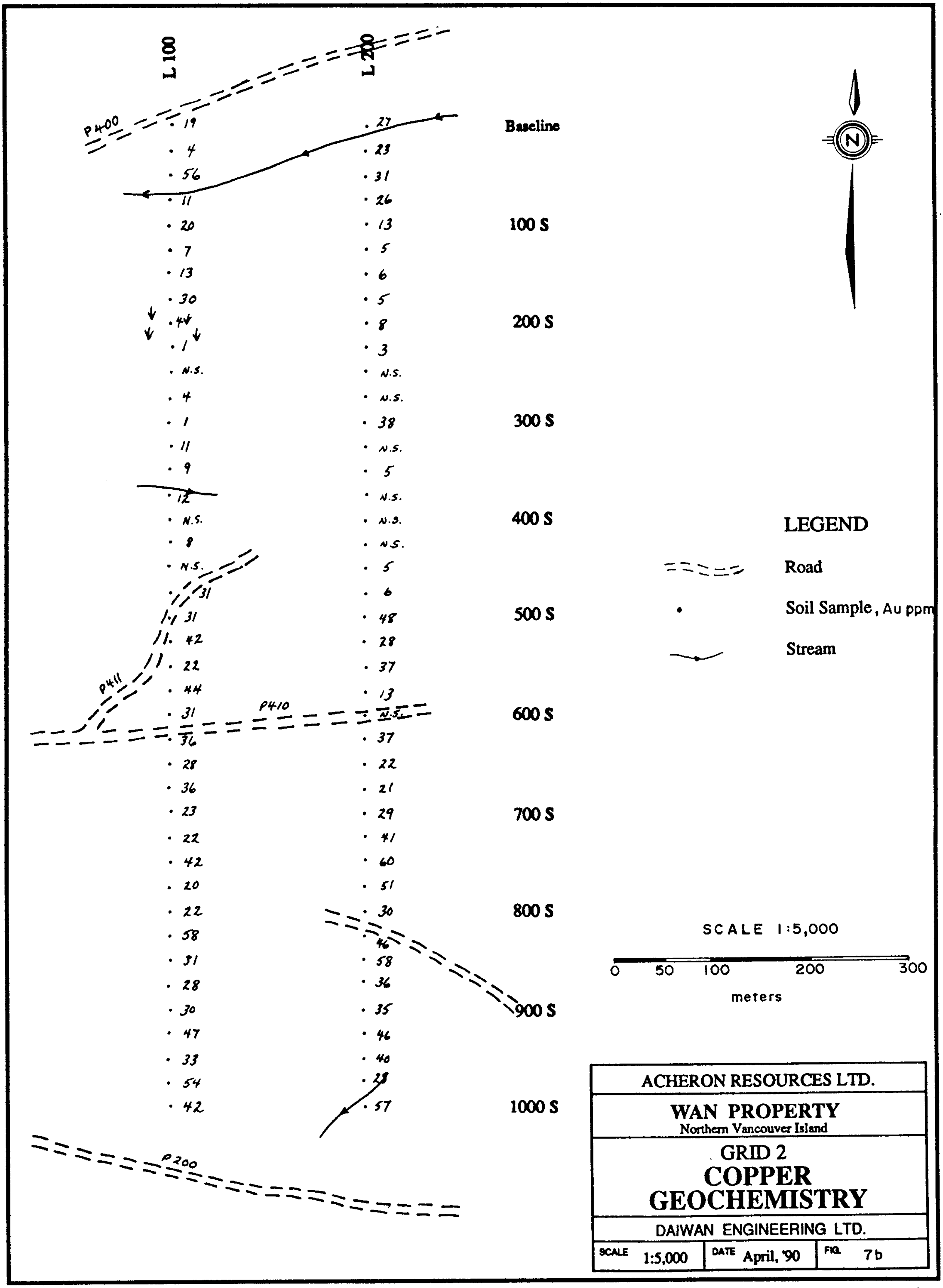
WAN PROPERTY
Northern Vancouver Island

GRID 2
GOLD
GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

SCALE	DATE	FIG.
1:5,000	April, '90	7a


L 100
L 200
P400
Baseline
100 S
200 S
300 S
400 S
500 S
600 S
700 S
800 S
900 S
1000 S
P411
P410
P200
19
4
56
11
20
7
13
30
4
1
N.S.
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N.S.
8
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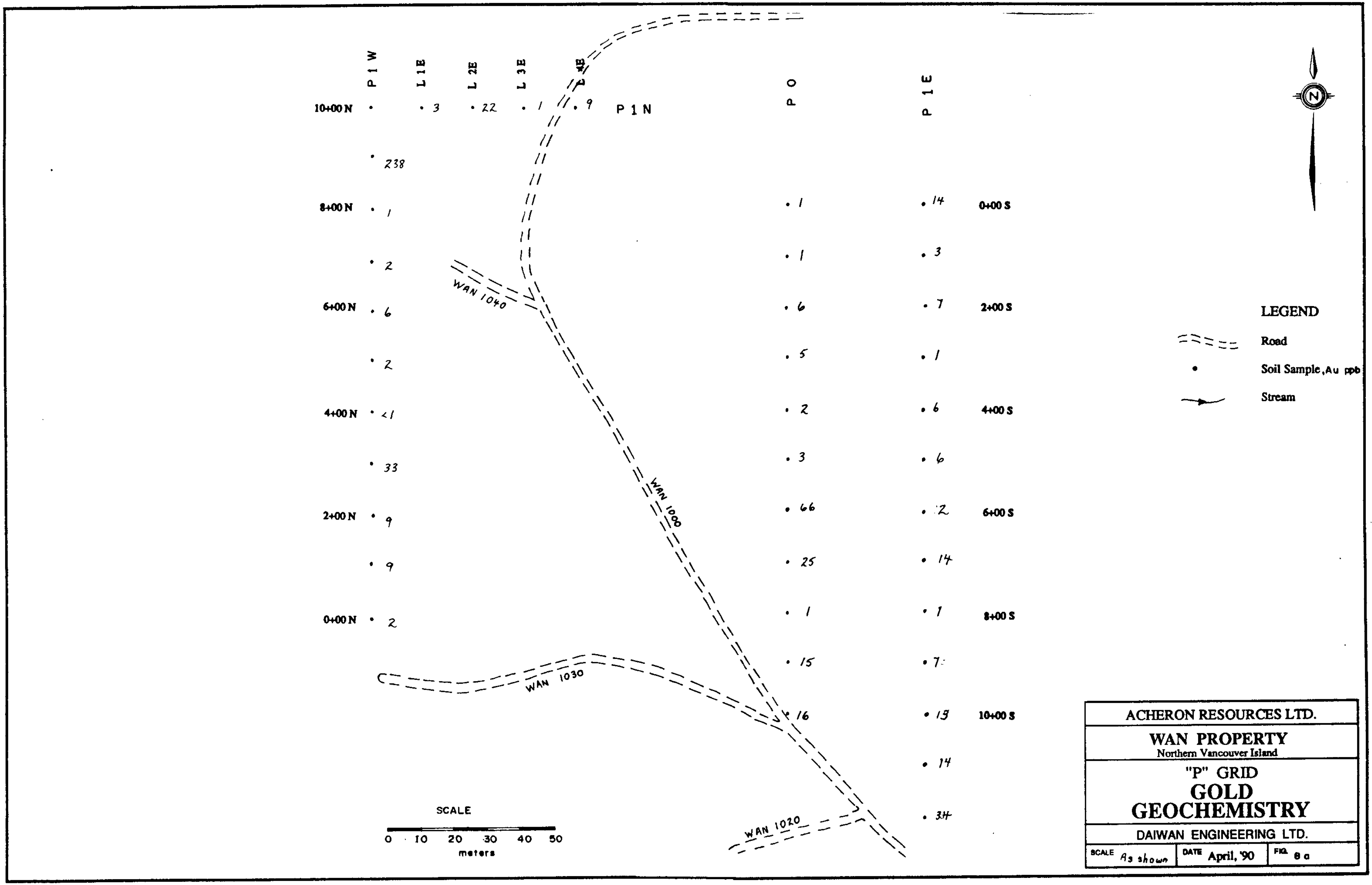
N.S.
N.S.
38
N.S.
5
N.S.
N.S.
N.S.
5
6
48
28
37
13
N.S.
37
22
21
29
41
60
51
30
46
58
36
35
46
40
28
57
N
LEGEND
Road
Soil Sample, Au ppm
Stream
SCALE 1:5,000
0 50 100 200 300
meters
ACHERON RESOURCES LTD.
WAN PROPERTY
Northern Vancouver Island
GRID 2
COPPER
GEOCHEMISTRY
DAIWAN ENGINEERING LTD.
SCALE 1:5,000
DATE April, '90
FIG. 7b



P 1 W
L 1 E
L 2 E
L 3 E
L 4 E
P 1 N
P 0
P 1 E
10+00 N
8+00 N
6+00 N
4+00 N
2+00 N
0+00 N
0+00 S
2+00 S
4+00 S
6+00 S
8+00 S
10+00 S
3
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6
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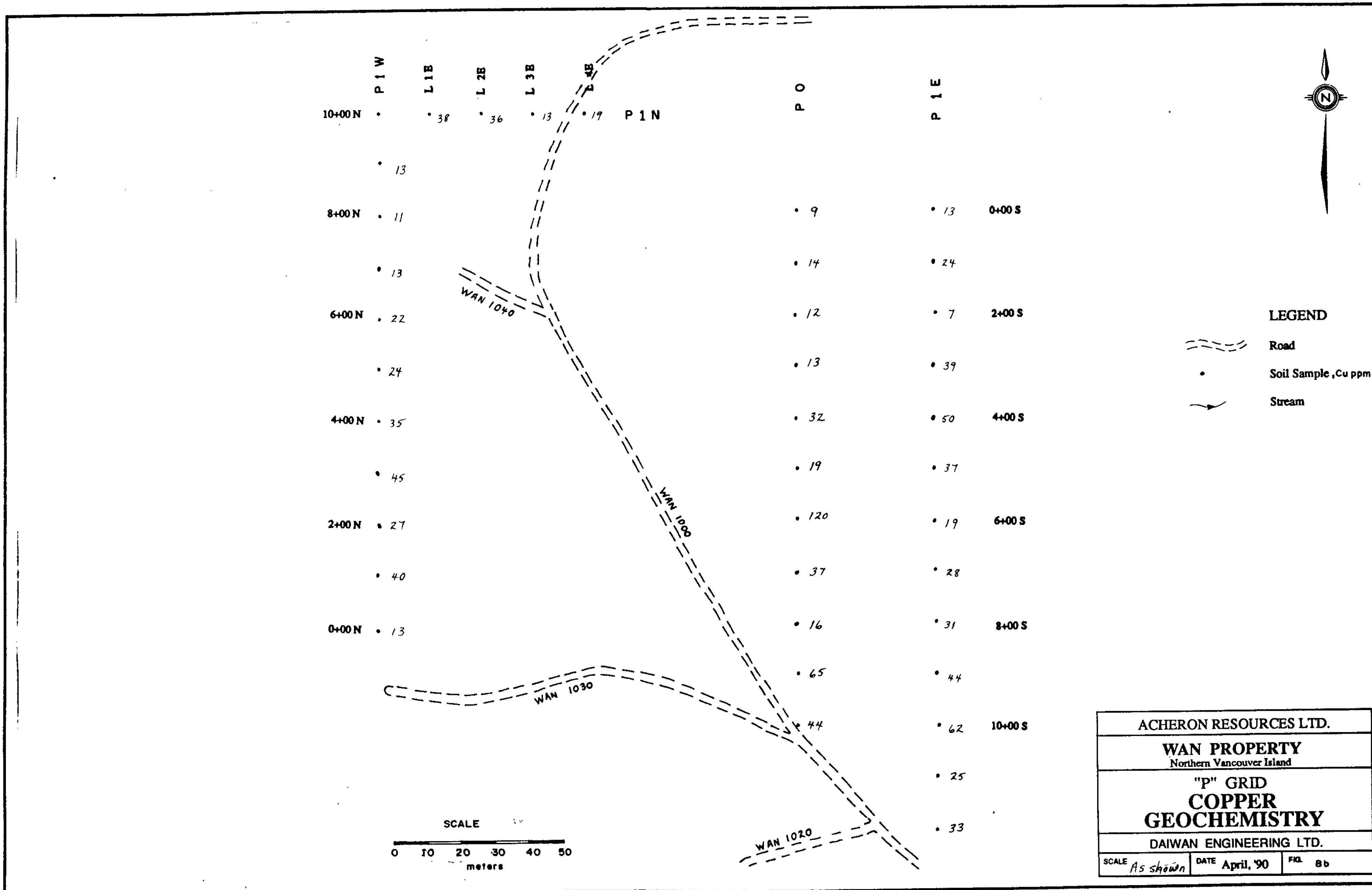
3
7
1
6
6
2
14
1
7
13
14
34
WAN 1040
WAN 1000
WAN 1030
WAN 1020
N
LEGEND
Road
Soil Sample, Au ppb
Stream
SCALE
0 10 20 30 40 50
meters
ACHERON RESOURCES LTD.
WAN PROPERTY
Northern Vancouver Island
"P" GRID
GOLD
GEOCHEMISTRY
DAIWAN ENGINEERING LTD.
SCALE As shown
DATE April, '90
FIG. 8 a


P 1 W
L 1 B
L 2 B
L 3 B
L 4 B
P 1 N
P O
P 1 E
10+00 N
8+00 N
6+00 N
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2+00 N
0+00 N
0+00 S
2+00 S
4+00 S
6+00 S
8+00 S
10+00 S
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40
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12
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120
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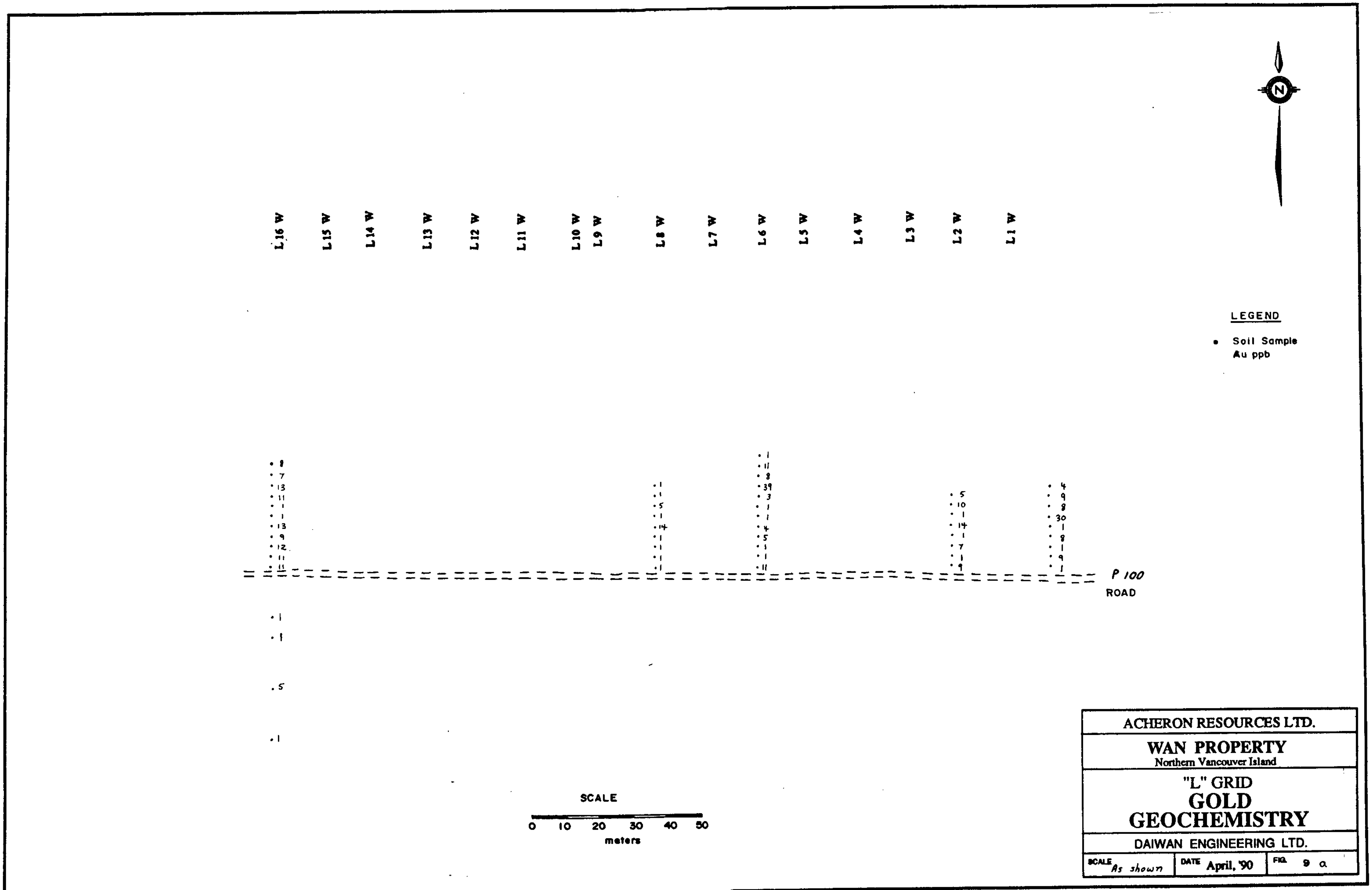
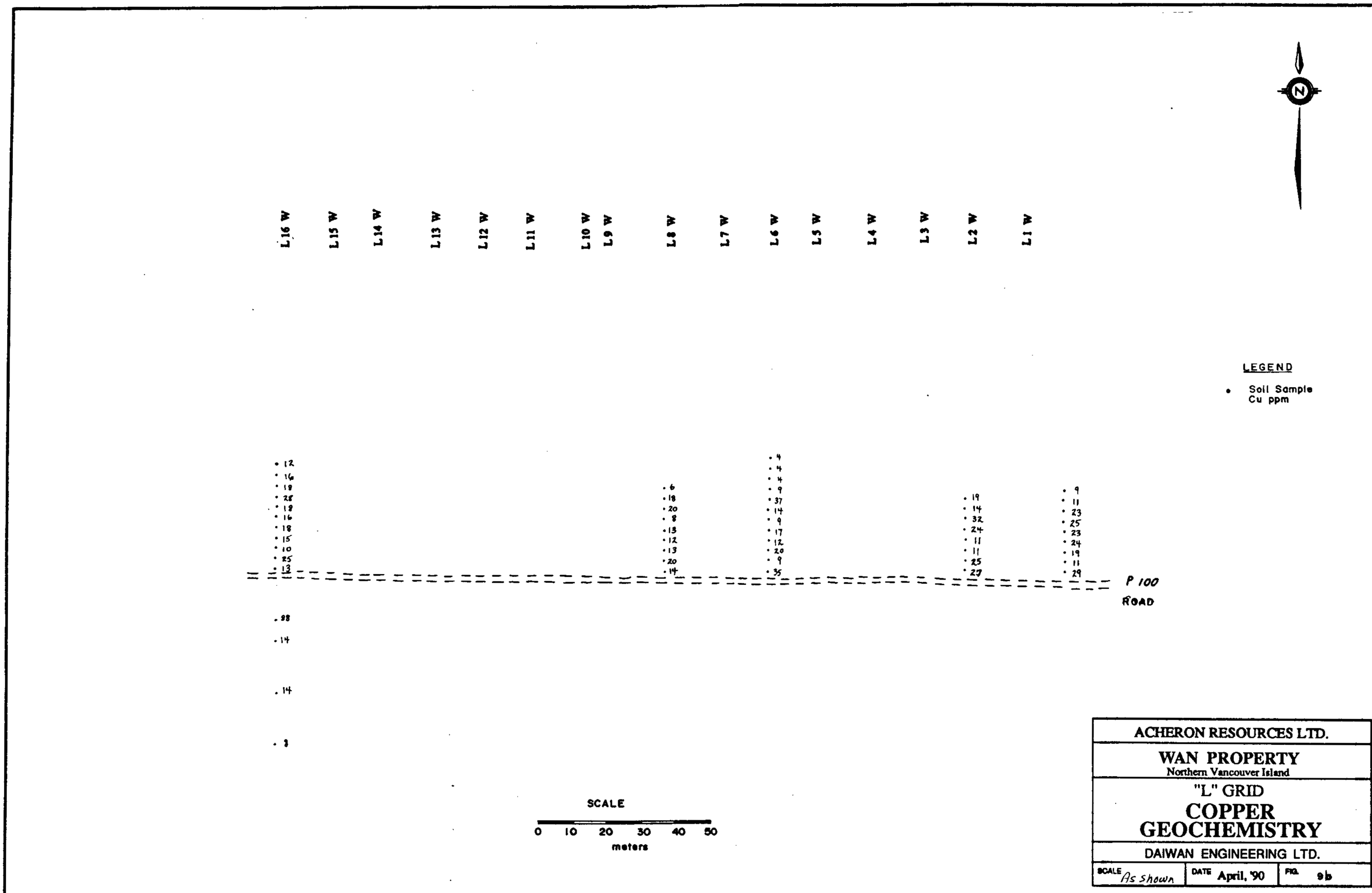
16
65
44
13
24
7
39
50
37
19
28
31
44
62
25
33
WAN 1040
WAN 1000
WAN 1030
WAN 1020
N
LEGEND
Road
Soil Sample, Cu ppm
Stream
SCALE
0 10 20 30 40 50
meters
ACHERON RESOURCES LTD.
WAN PROPERTY
Northern Vancouver Island
"P" GRID
COPPER GEOCHEMISTRY
DAIWAN ENGINEERING LTD.
SCALE As shown
DATE April, '90
FIG. 8b



L16 W
L15 W
L14 W
L13 W
L12 W
L11 W
L10 W
L9 W
L8 W
L7 W
L6 W
L5 W
L4 W
L3 W
L2 W
L1 W
N
LEGEND
Soil Sample
Au ppb
P 100
ROAD
SCALE
0 10 20 30 40 50
meters
ACHERON RESOURCES LTD.
WAN PROPERTY
Northern Vancouver Island
"L" GRID
GOLD
GEOCHEMISTRY
DAIWAN ENGINEERING LTD.
SCALE As shown
DATE April, '90
FIG. 9 a



N
L 16 W
L 15 W
L 14 W
L 13 W
L 12 W
L 11 W
L 10 W
L 9 W
L 8 W
L 7 W
L 6 W
L 5 W
L 4 W
L 3 W
L 2 W
L 1 W
LEGEND
• Soil Sample Cu ppm
12
16
18
28
18
16
18
15
10
25
13
88
14
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6
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11
29
P 100
ROAD
SCALE
0 10 20 30 40 50
meters
ACHERON RESOURCES LTD.
WAN PROPERTY
Northern Vancouver Island
"L" GRID
COPPER
GEOCHEMISTRY
DAIWAN ENGINEERING LTD.
SCALE As Shown
DATE April, '90
FIG. 9b

In 1968 an extensive regional geochemical survey was conducted by BHP Utah Mines Ltd. This survey resulted in 9592 soil samples being collected and analyzed. A detailed statistical analysis was conducted on the results and threshold values from Assessment report 2190[19] is included in Appendix 2. The calculated threshold values for the copper and zinc in each rock type in this area are as follows:

Karmutsen - 68 ppm copper, 42 ppm zinc
Quatsino limestone - 109 ppm copper, 90 ppm zinc
Bonanza - 25 ppm copper, 44 ppm zinc
Intrusives - 31 ppm copper
Altered Rocks - 36 ppm copper 16.2 ppm zinc.

Results:

The results for Cu and Au of the geochemical survey are shown on Figures 6 through 9.

Gold Geochemistry

The soil samples taken from the claims show spotty anomalous gold values. Values range from 1 to 250 ppb with most values being <10 ppb. Trends were difficult to establish due to the wide spacing of lines on grids 1 and 2 and the small size of the P and L grids.

The anomalous gold values are frequent enough to warrant follow-up work.

Copper Geochemistry

Copper values from the soil samples ranged from 1 to 120 ppm and values greater than 50 ppm were considered anomalous. Only 31 of 360 samples contained values greater than 50 ppm copper. These anomalous values were spotty throughout the grid and no definite trends were established.

Rock Samples

Of the 27 rock samples collected from the claims only 4 were anomalous in either copper, lead or zinc.

The results of these four samples are as follows:

Sample No.	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
HOL - 007	834	139	3379	1.3	4
HOL - 008	4649	1222	26,414	2.6	7
HOL - 009	8602	1444	4517	518.1	3160
HOL - 010	5990	256	1991	7.2	26

The location of these samples is shown on Figure 5. All four samples were taken from late stage quartz veins within a dioritic intrusive from a creek in the northern portion of the Stat 1 claim. The attitude of the veining was northeast striking and dipping vertical, which would suggest that they are related to the later northeast regional faults. The veins were sampled across a zone that extends at least 200 metres up the creek. The traverse was stopped before an end to the parallel veining was noted. Follow-up work is warranted in the vicinity of these samples.

CONCLUSIONS

1.0 Spotty copper geochemical anomalies in the soils indicate the possibility for a porphyry copper deposit.

2.0 Anomalous gold values were obtained scattered throughout the two soil grids.

3.0 Prospecting defined a significant base and precious metal target consisting of late stage quartz veining within a dioritic intrusive.

RECOMMENDATIONS

1.0 Additional soil sampling should be conducted to assist in defining any trends that may exist on the current grids and to examine the remainder of the property.

2.0 Prospecting and geological mapping should be conducted in the vicinity of the four anomalous rock samples.

3.0 Trenching and Drilling may be useful in evaluating the area of the anomalous rock samples.

STATEMENT OF COSTS

1.0	Personnel	
	1 Project Manager - 3.6 days @ $380/day	$ 1,368.00
	1 Geologist (supervision Report, etc.) - 4 days @ $265/day	1,060.00
	1 Field Technician - 7 days @ $225/day	1,575.00
	2 Prospectors - 4 days @ $260/day/each	2,080.00
2.0	Assays	
	360 soil samples @ $12	4,320.00
	23 rock samples @ $18.25	420.00
3.0	Food and Accommodation	
	17 man days @ $55/man day	935.00
4.0	Transportation	
	11 days - 4x4 rental @ $85/day incl. gas	935.00
5.0	Field Equipment	
	Flagging, topo, etc.	424.65
6.0	Office Costs	
	Drafting - 4 days @ $220/day	880.00
	typing, copying, telephone	440.80
		$14,438.45

CERTIFICATE OF QUALIFICATIONS

I, Rod W. Husband, do hereby certify that:

1. I am a geologist for Daiwan Engineering Ltd. with offices at 1030 - 609 Granville Street, Vancouver, British Columbia.

2. I am a graduate from the University of British Columbia with a degree of B.Sc., Geology.

3. I have practised my profession since completion of my degree in December 1986.

4. This report is based on personal field work completed on the Wan '90 property from April 8 to April 12, 1990, work done by employees of Daiwan Engineering Ltd. between March 10 and April 12, 1990 and information obtained from previous reports by Professional Engineers and others who have examined the property.

5. I have no interest in the property or shares of Acheron Resources Ltd. or in any of the companies with claims contiguous to the Wan '90 Claim Group, nor do I expect to receive any.

Rod W. Husband, B.Sc.
May 3, 1990

BIBLIOGRAPHY

1.	Jones, H.M. (1988)	A report on the Expo property Holberg Inlet for Moraga Resources Ltd. Filed V.S.E. Qualifying Report.
2.	____________ (1963)	G.S.C. Geophysics Paper 1734 incl. maps 1734G, 1738G.
3.	Gableman, J.W. (1982)	Geological Occurrence of Gold at Island Copper Internal Report for Utah Mines, Dec. 1982.
4.	Pickering, Schmidt	Ore Reserve Hushamu. Internal report for Island Copper Mines (1983) Ltd.
5.	Northcote, K.E.	(1970) - Rupert Inlet - Cape Scott Map - Area in B.C. Dept. of Mines Petrol. Res. G.E.M. 1970, pp. 250-278.
		(1972) - Island Copper, In B.C. Dept. Mines Petrol. Res. G.E.M. 1972, pp. 293-298.
6.	Muller, J.E., Northcote, K.E. Carlisle, D. (1974)	Geology and Mineral Deposits of Alert Bay - Cape Scott Map - and Area, British Columbia, Geol. Surv. Canada Paper 74-8
7.	Dasler, P.G. (1989)	Report on the Expo Claim Group, Moraga Resources Ltd, private company files.
8.	Kesler, S.E. (1985)	Report on Geological Review of the MacIntosh - Pemberton Precious metal Exploration Area. Private Report to BHP-Utah Mines Ltd., June 1985.
9.	Magnum, C. Von Einsiedel (1988)	Summary report and proposed Exploration program Dorlon project. February 15, 1988. VSE listing report for Silver Drake Resources Ltd.
10.	Magnum, M. (1988)	V.S.E. Listing Report Silver Drake Resources Ltd. - July 12, 1988

11.	____________ 1988	V.S.E. News Release January 4, 1989 - Crew Natural Resources Ltd., George Cross News Letter - November 23, 1988.
12.	Adamson, R. (1989)	Correspondence to Daiwan Engineering Ltd., and personal discussions April 1989.
13.	Sillitoe, R.H. (1980)	Styles of low-grade gold mineralization in Volcano-plutonic areas.
14.	McMillan et al (1986)	Mineral Deposits in British Columbia - A review of their Tectonic settings. Paper in Geoexpo conference Vancouver, B.C. 1986.
15.	BCDM Records	Island Copper Statistics, B.C. Dept. of Mines records to 1984 with estimates to end of 1986.
16.	Carson DJT 1972	The plutonic rocks of Vancouver Island - Page 72-44
17.	Woods, D.V. (1987)	Geophysical Report on Reconnaissance Surface and Bore Hole Pulse Electro, magnetic Survey on the Expo Project, Vancouver Island, report for Moraga Resources Ltd.
18.	Holcapek, F. (1975)	Progress report for Acheron Mines Ltd. Assessment report #5758 on the Ti Mo and Bud claims
19.	Young, M.(1969)	Geological and Geochemical Assessment report on the Expo Claim Group for Utah Mines Ltd Assessment Report #2190
20.	Motterhead, B. (1968)	Geological and Geochemical Report on the Ti, Mon and Bud claims, Nth Vancouver Island, for Acheron Mines Ltd.
21.	Taylor, D.P. (1973)	Report on the Geochemical, Magnetometer and Geological Surveys on the Ti, Mon, Mo, and Bud claims of Acheron Mines Ltd.
22.	Sutherland, R. (1966)	Report on the Reconnaissance Exploration program, Nahwitti lake Area, Assessment Report #870, for Giant Explorations Ltd.
23.	BCDM Records	Minfile #92L-069, 074-079, 098, 181, 200, 241-245

APPENDIX I

SAMPLE DESCRIPTIONS

Sample Number	Description
Hol-01	fract. diorite (?), feldspar/quartz stringers
Hol-02	breccia; tuff frags, intrusive host; quartz/feldspar veinlets
Hol-03	fract. intrusive; dissem. py; occas. quartz veinlet
Hol-04	rusty sheared intrusive occas. quartz veinlet; Py
Hol-05	pyritic green tuff; quartz veinlets
Hol-06	fract. intrusive; ? andesite? dissem. Py; quartz/feldspar veinlets
Hol-07	6cm quartz vein; intrusive; Py and unident. dk. min
Hol-08	quartz vein; 25cm wide; Zn, Cu, Py
Hol-09	quartz vein system; (20cm wide) Py, Cu, Zn
Hol-10	quartz veins (Cu, Py, Zn?); fract. intrusive
Hol-11	rusty, pyritic, sheared intrusive; quartz veinlets
Hol-16	quartz in green volcanic
Hol-17	angular quartz float; trace Py
Hol-18	quartz veinlets (cherty looking), siliceous volc.
Hol-19	agglomerate (?) pyritic, pyrite frags., volc, porphyritic

Sample Number	Location	Description
P90-001	Approx. 60 m S.E. of LCP	Bonanza tuffs containing minor disseminated pyrite.
P90-002	Approx. 80 m S. of LCP	Jasper vein about 2 cm wide, 2 to 5% pyrite
P90-003	Approx. 90 m S. of LCP	Bonanza tuffs containing minor disseminated pyrite.

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APPENDIX II

ASSAY CERTIFICATES

AND

STATISTICAL EVALUATIONS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. PROJECT WAN 90 File # 90-0639 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5

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
P1N 1E	1	38	14	31	.2	10	10	307	5.05	16	5	ND	1	18	1	2	4	111	.28	.046	6	29	.27	31	.23	2	4.46	.01	.01	1	3
P1N 2E	3	36	10	32	.1	10	7	251	4.87	57	5	ND	1	17	1	2	2	98	.25	.043	2	39	.30	22	.17	2	2.87	.01	.02	1	22
P1N 3E	1	13	9	17	.1	7	7	257	3.82	22	5	ND	1	15	1	2	2	165	.23	.031	2	18	.21	10	.23	3	1.30	.01	.02	1	1
P1N 4E	4	19	40	20	.1	6	7	234	4.83	53	5	ND	1	11	1	3	2	144	.17	.039	2	19	.31	16	.17	2	2.29	.01	.02	1	9
P1W 9N	1	13	5	9	.1	2	3	154	5.52	14	5	ND	1	16	1	2	3	151	.20	.028	2	16	.14	15	.34	2	1.53	.01	.02	1	238
P1W 7N	1	13	16	15	.2	5	4	168	7.75	10	5	ND	1	10	1	2	2	206	.14	.035	2	28	.20	16	.28	2	2.22	.01	.01	1	2
P1W 5N	1	24	25	32	.2	3	4	166	7.66	45	5	ND	1	11	1	2	2	137	.17	.046	2	24	.14	23	.18	2	2.98	.01	.02	1	2
P1W 3N	4	45	44	64	1.3	8	8	222	7.52	56	5	ND	1	9	1	3	2	101	.13	.072	4	30	.23	32	.10	2	6.13	.01	.02	1	33
P1W 1N	1	40	25	40	.5	8	7	282	6.85	46	5	ND	1	11	1	2	2	131	.17	.083	4	29	.16	28	.16	2	4.18	.01	.03	2	9
P0 0S	1	9	7	14	.1	6	6	312	2.94	6	5	ND	1	13	1	2	2	106	.21	.036	2	16	.26	39	.18	2	1.53	.01	.02	1	1
P0 1S	1	14	13	32	.2	3	19	1121	5.92	19	5	ND	1	14	1	2	2	103	.21	.144	2	17	.24	30	.17	2	3.31	.01	.01	1	1
P0 2S	1	12	4	17	.2	5	8	632	3.86	11	5	ND	1	14	1	2	2	108	.22	.060	2	18	.25	21	.19	2	1.62	.01	.02	1	6
P0 3S	1	13	16	8	.1	4	4	679	4.33	13	5	ND	1	13	1	2	2	129	.23	.076	2	14	.10	10	.29	2	1.09	.01	.02	1	5
P0 4S	1	32	11	41	.2	8	13	667	5.95	12	5	ND	1	9	1	2	2	124	.15	.084	2	40	.16	17	.21	2	4.43	.01	.02	1	2
P0 5S	1	19	5	35	.3	10	23	1177	4.28	8	5	ND	1	14	1	2	2	90	.24	.086	2	34	.37	23	.17	2	2.61	.01	.02	1	3
P0 6S	4	120	13	50	.5	19	17	684	6.76	103	5	ND	1	11	1	7	2	95	.20	.142	6	48	.47	33	.17	3	5.94	.01	.02	1	66
P0 7S	2	37	8	34	.3	7	9	614	6.80	133	5	ND	1	13	1	7	4	134	.16	.084	2	35	.16	38	.10	2	3.72	.01	.02	1	25
P0 8S	1	16	11	20	.3	10	8	239	6.13	29	5	ND	1	15	1	2	3	162	.19	.040	2	29	.24	21	.25	2	1.74	.01	.02	1	1
P0 9S	1	65	22	50	.4	22	16	605	5.84	47	5	ND	1	14	1	5	2	121	.26	.055	5	42	.45	33	.21	3	4.79	.01	.02	1	15
P0 10S	1	44	17	31	.4	11	13	544	6.84	66	5	ND	1	11	1	2	2	145	.16	.054	5	41	.25	30	.15	2	4.18	.01	.01	1	16
P1E 0S	1	13	11	30	.2	4	8	344	6.00	20	5	ND	1	13	1	2	2	122	.17	.062	3	19	.17	33	.24	3	3.10	.01	.01	1	14
P1E 1S	1	24	10	25	.1	9	10	553	4.17	14	5	ND	1	17	1	2	2	120	.22	.097	3	18	.30	30	.20	2	2.73	.01	.02	1	3
P1E 2S	1	7	4	11	.1	3	3	319	.87	9	5	ND	1	18	1	2	2	38	.32	.034	2	4	.11	10	.09	4	.65	.01	.02	1	7
P1E 3S	1	39	10	32	.2	6	14	1182	5.18	16	5	ND	1	12	1	2	2	128	.16	.087	2	24	.16	24	.17	2	3.70	.01	.02	1	1
P1E 4S	2	50	16	38	.3	10	13	1130	5.39	14	5	ND	1	11	1	4	2	122	.19	.080	5	34	.27	28	.23	2	5.35	.01	.01	2	6
P1E 5S	1	37	18	38	.6	9	18	1930	5.28	15	5	ND	1	13	1	3	2	129	.23	.082	4	30	.18	31	.20	3	3.62	.01	.02	1	6
P1E 6S	1	19	9	25	.1	9	8	799	3.06	10	5	ND	1	15	1	2	2	105	.25	.062	2	20	.14	25	.20	2	1.85	.01	.02	1	2
P1E 7S	1	28	15	39	.3	9	20	1743	6.41	14	5	ND	1	11	1	3	2	146	.19	.062	5	30	.22	24	.29	2	4.30	.01	.02	1	14
P1E 8S	1	31	14	49	.4	8	14	428	5.81	16	5	ND	1	20	1	2	2	144	.26	.054	2	12	.19	23	.18	2	3.67	.01	.02	1	1
P1E 9S	2	44	25	51	.6	8	12	647	6.46	23	5	ND	1	15	1	3	2	171	.21	.036	5	31	.19	33	.21	2	3.24	.01	.02	1	7
P1E 10S	1	62	14	44	.4	16	14	318	6.24	21	5	ND	1	14	1	2	2	127	.21	.049	5	37	.33	25	.21	2	5.09	.01	.02	1	13
P1E 11S	1	25	17	27	.5	8	9	403	7.52	31	5	ND	1	11	1	2	2	190	.16	.050	3	29	.20	27	.20	3	2.94	.01	.02	1	14
P1E 12S	2	33	24	47	.4	12	10	391	7.85	82	5	ND	1	9	1	2	2	143	.15	.032	5	46	.36	22	.10	3	4.25	.01	.02	1	34
P1E 13S	1	35	7	38	.2	9	7	217	7.29	14	5	ND	1	8	1	2	2	172	.13	.036	4	41	.17	33	.20	2	4.82	.01	.02	1	5
L16W 11N	2	12	27	13	.1	4	2	115	8.23	18	5	ND	1	10	1	2	2	215	.12	.028	2	37	.09	13	.32	2	1.42	.01	.02	1	8
L16W 10N	2	16	12	13	.1	3	2	125	6.93	12	5	ND	1	9	1	2	2	140	.16	.023	3	35	.09	19	.15	2	1.88	.01	.02	1	7
STD C/AU-S	18	57	41	130	6.9	67	30	948	3.99	40	21	8	37	48	19	17	20	57	.45	.090	37	55	.81	174	.06	37	1.79	.06	.14	11	51

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU** ANALYSIS BY FA/ICP FROM 10 GM AND TOTAL SAMPLE.

DATE RECEIVED: MAR 13 1990 DATE REPORT MAILED: March 16/90 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
L16W 9N	1	18	13	11	.1	1	1	98	3.28	10	5	ND	1	10	1	2	3	126	.14	.033	6	35	.11	50	.17	2	4.43	.01	.01	3	13
L16W 8N	1	28	22	13	.2	5	3	130	7.03	12	5	ND	1	11	1	2	2	159	.16	.030	3	38	.15	23	.22	2	3.19	.01	.02	1	11
L16W 7N	1	18	16	9	.1	3	2	139	8.44	16	5	ND	1	16	1	2	2	197	.19	.033	2	25	.13	19	.29	2	1.42	.01	.03	1	1
L16W 6N	1	16	13	5	.1	1	2	112	6.39	16	5	ND	1	15	1	2	2	200	.16	.018	2	17	.10	19	.29	2	1.04	.01	.02	1	1
L16W 5N	1	18	9	7	.1	5	2	138	5.25	16	5	ND	1	14	1	2	3	160	.20	.027	2	20	.16	14	.22	2	1.17	.01	.02	1	13
L16W 4N	1	15	16	10	.1	4	2	194	6.29	11	5	ND	1	23	1	2	3	144	.40	.028	2	27	.21	20	.19	3	1.36	.01	.04	1	9
L16W 3N	1	10	24	4	.1	3	1	113	1.15	11	5	ND	1	14	1	2	2	94	.22	.016	3	14	.08	25	.17	3	1.41	.01	.02	1	12
L16W 2N	1	25	21	17	.2	9	4	156	4.29	11	5	ND	1	13	1	3	2	101	.27	.024	9	32	.25	25	.20	2	3.30	.01	.01	1	11
L16W 1N	1	13	12	14	.2	4	3	154	4.31	14	5	ND	1	16	1	2	2	144	.32	.022	4	39	.22	21	.26	2	2.68	.01	.02	2	11
L16W 4S	2	88	40	29	.4	15	6	165	1.36	8	5	ND	1	31	1	3	2	79	.47	.069	10	61	.38	88	.13	2	3.23	.01	.01	2	1
L16W 6S	1	14	22	6	.1	5	2	132	1.74	8	5	ND	1	16	1	2	2	138	.19	.025	3	27	.16	22	.25	2	1.51	.01	.02	1	1
L16W 11S	1	14	23	11	.1	7	3	192	6.55	7	5	ND	1	9	1	3	2	233	.14	.020	2	37	.42	19	.25	2	1.49	.01	.02	1	5
L16W 16S	1	8	6	14	.4	3	1	284	.41	2	5	ND	1	42	1	2	2	7	.84	.036	2	2	.11	56	.01	3	.20	.02	.02	1	1
L8W 9N	3	6	32	4	.1	1	1	164	1.13	17	5	ND	1	16	1	2	4	28	.14	.028	2	2	.03	49	.03	2	.21	.01	.02	1	1
L8W 8N	7	18	19	2	.1	1	1	147	5.04	65	5	ND	1	12	1	2	2	120	.06	.040	2	7	.01	16	.08	3	.19	.01	.01	1	1
L8W 7N	6	20	44	1	.2	1	2	186	11.93	66	5	ND	1	22	1	5	2	159	.25	.071	4	34	.04	28	.17	2	1.25	.01	.02	1	5
L8W 6N	5	8	12	1	.1	1	1	61	4.41	80	5	ND	1	17	1	2	2	74	.03	.024	2	5	.02	34	.04	6	.14	.01	.01	1	1
L8W 5N	4	13	17	1	.1	1	1	74	6.74	129	5	ND	1	9	1	2	3	158	.03	.032	2	15	.02	13	.18	2	.33	.01	.01	1	14
L8W 4N	3	12	55	3	.2	1	1	83	4.09	99	5	ND	1	23	1	2	2	79	.14	.052	2	4	.03	99	.06	2	.54	.01	.03	1	1
L8W 3N	6	13	87	2	.1	1	1	72	7.13	125	5	ND	1	19	1	2	3	176	.09	.030	2	18	.04	51	.23	2	.67	.01	.01	1	1
L8W 2N	5	20	75	5	.1	1	2	87	12.84	143	5	ND	1	14	1	2	2	161	.10	.038	2	22	.02	45	.17	2	.58	.01	.01	1	1
L8W 1N	4	14	68	2	.1	1	1	65	9.29	118	5	ND	1	28	1	2	2	126	.08	.028	2	12	.02	53	.12	2	.59	.01	.02	1	1
L6W 12N	2	4	9	4	.1	2	1	230	.68	9	5	ND	1	21	1	2	2	17	.33	.022	2	2	.03	30	.01	2	.14	.01	.03	1	1
L6W 11N	3	4	12	3	.1	1	1	51	.87	16	5	ND	1	17	1	2	2	31	.04	.012	2	2	.03	24	.01	4	.16	.01	.02	2	11
L6W 10N	2	4	17	2	.1	2	1	76	.75	12	5	ND	1	24	1	2	2	37	.04	.014	2	4	.01	35	.01	3	.15	.01	.02	1	8
L6W 9N	5	9	35	8	.1	1	1	80	3.57	72	5	ND	1	12	1	3	2	123	.03	.037	2	12	.02	34	.12	2	.35	.01	.02	1	39
L6W 8N	7	37	19	1	.1	1	1	71	9.42	125	5	ND	1	15	1	2	2	100	.06	.085	2	8	.01	34	.04	2	.20	.01	.01	1	3
L6W 7N	8	14	5	7	.1	1	1	67	3.29	107	5	ND	1	29	1	2	2	22	.12	.037	2	1	.05	42	.01	2	.13	.01	.01	1	1
L6W 6N	4	9	7	5	.2	2	1	29	2.36	62	5	ND	1	27	1	2	2	41	.32	.030	2	2	.04	33	.03	4	.14	.01	.02	2	1
L6W 5N	3	17	59	14	.1	5	3	222	10.73	39	5	ND	1	18	1	4	2	125	.28	.036	2	40	.31	37	.19	2	1.56	.01	.02	1	4
L6W 4N	2	12	55	5	.1	3	2	132	8.90	29	5	ND	1	16	1	2	2	146	.17	.038	2	32	.20	41	.21	2	1.16	.01	.02	1	5
L6W 3N	2	20	74	12	.3	3	2	101	4.88	28	5	ND	1	14	1	2	2	87	.15	.048	4	29	.14	54	.10	2	2.28	.01	.03	1	1
L6W 2N	2	9	71	1	.1	1	1	94	3.20	19	5	ND	1	7	1	2	4	171	.09	.016	2	12	.05	50	.23	2	.75	.01	.02	1	1
L6W 1N	2	35	77	10	.6	1	1	40	2.53	38	5	ND	1	18	1	2	2	42	.16	.067	7	24	.03	114	.04	2	2.23	.01	.01	1	11
L2W 9N	1	19	8	7	.1	12	4	159	8.04	15	5	ND	1	7	1	2	2	243	.16	.022	2	28	.18	15	.38	2	.95	.01	.01	1	5
L2W 8N	1	14	12	10	.1	2	2	117	7.19	15	5	ND	1	14	1	2	2	162	.13	.027	2	27	.07	13	.22	2	1.50	.01	.01	1	10
STD C/AU-S	18	57	40	130	7.1	68	31	951	4.05	42	21	8	36	47	19	18	23	57	.47	.092	37	55	.83	173	.06	38	1.80	.06	.14	12	52

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
L2W 7N	1	32	24	11	.2	6	4	142	7.98	14	5	ND	1	10	1	2	2	170	.17	.027	3	56	.23	29	.30	2	5.49	.01	.02	1	1
L2W 6N	1	24	16	12	.2	4	3	110	7.23	5	5	ND	1	13	1	2	2	151	.22	.032	3	45	.11	21	.23	2	4.57	.01	.02	1	14
L2W 5AN	1	11	7	4	.1	4	2	139	3.99	2	5	ND	1	15	1	2	2	180	.16	.012	2	15	.08	26	.26	2	.86	.01	.01	1	1
L2W 5BN	1	11	12	10	.1	2	2	151	7.00	10	5	ND	1	11	1	2	2	209	.15	.024	3	21	.16	27	.28	2	1.50	.01	.02	1	1
L2W 3N	1	11	27	14	.2	6	4	235	6.71	16	5	ND	1	16	1	2	2	195	.16	.018	3	30	.58	38	.33	2	1.94	.01	.01	1	7
L2W 2N	2	25	23	5	.1	4	2	122	7.87	29	5	ND	1	9	1	2	2	166	.18	.038	5	44	.20	18	.27	2	4.11	.01	.01	1	1
L2W 1N	1	27	19	6	.2	4	3	160	9.31	17	5	ND	1	10	1	2	2	173	.19	.033	3	60	.20	17	.28	2	3.92	.01	.02	1	9
L0 9N	1	9	13	1	.1	1	2	103	5.89	13	5	ND	1	9	1	2	2	217	.17	.018	2	21	.09	10	.28	3	.89	.01	.02	1	4
L0 8N	1	11	11	1	.1	3	1	128	4.54	10	5	ND	1	18	1	2	2	157	.24	.021	3	26	.16	17	.27	2	.92	.01	.02	1	9
L0 7N	1	23	14	13	.1	6	3	157	6.14	8	5	ND	1	14	1	2	2	109	.33	.042	3	53	.26	24	.21	2	3.69	.01	.02	1	8
L0 6N	1	25	16	7	.3	6	3	96	6.72	18	5	ND	1	9	1	2	2	116	.16	.040	5	52	.10	22	.20	4	4.95	.01	.01	1	30
L0 5N	2	23	17	5	.2	3	2	113	7.30	16	5	ND	1	10	1	2	2	146	.17	.032	5	44	.15	21	.24	4	4.64	.01	.01	1	1
L0 4N	4	24	25	17	.3	6	4	146	7.35	25	5	ND	1	10	1	2	2	119	.17	.048	4	51	.18	24	.19	4	6.41	.01	.02	1	8
L0 3N	1	19	12	2	.2	3	3	128	8.37	20	5	ND	1	11	1	2	2	227	.14	.034	3	27	.17	18	.31	3	1.85	.01	.02	1	1
L0 2N	1	11	15	1	.1	2	2	126	4.76	14	5	ND	1	11	1	2	2	173	.12	.017	5	14	.18	76	.20	2	1.95	.01	.02	1	9
L0 1N	1	29	17	11	.3	7	2	143	6.38	10	5	ND	1	13	1	2	2	136	.28	.025	5	42	.15	41	.26	2	2.87	.01	.02	1	1
BPG IRON 89-8-4-1	1	1	5	23	.4	1	3	93	42.64	3	5	ND	1	1	1	2	2	10	.01	.014	2	2	.01	1	.01	7	3.49	.01	.01	3	7
BPG IRON 89-3-4-1	1	63	10	2	.1	1	3	110	54.01	59	5	ND	2	2	1	4	2	59	.02	.024	2	30	.01	36	.01	5	.27	.01	.01	1	10
STD C/AU-S	17	57	38	127	6.9	68	30	949	4.03	40	21	7	37	48	19	16	22	57	.46	.094	37	53	.81	173	.06	36	1.80	.06	.14	11	48

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. File # 90-0962 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5

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
L1+00E 0+00S	3	19	14	34	.2	5	3	134	5.80	9	5	ND	1	9	1	2	3	161	.16	.021	3	42	.12	12	.46	2	3.43	.01	.02	1	2
L1+00E 0+25S	2	4	11	18	.1	1	1	106	1.03	2	5	ND	1	11	1	2	3	105	.08	.007	2	8	.03	8	.43	2	.35	.01	.02	1	3
L1+00E 0+50S	4	56	12	84	.5	15	12	328	5.49	13	5	ND	1	28	1	2	6	121	.23	.029	8	31	.66	78	.19	5	4.21	.01	.04	1	1
L1+00E 0+75S	2	11	7	27	.2	3	3	125	5.53	9	5	ND	2	14	1	2	2	179	.09	.015	3	13	.16	18	.44	4	1.46	.01	.02	1	1
L1+00E 1+00S	3	20	7	29	.2	6	3	156	7.18	10	5	ND	1	18	1	2	4	142	.19	.021	5	23	.25	21	.33	3	1.72	.01	.02	1	1
L1+00E 1+25S	2	7	10	15	.1	3	1	107	.62	2	5	ND	1	13	1	2	2	67	.11	.017	4	17	.05	20	.33	2	.91	.01	.02	1	2
L1+00E 1+50S	1	13	8	25	.4	9	7	176	8.15	7	5	ND	1	8	1	2	2	351	.13	.010	2	41	.15	11	.64	3	.81	.01	.01	1	2
L1+00E 1+75S	2	30	12	35	.2	3	4	335	7.07	20	5	ND	1	11	1	2	3	146	.14	.047	2	14	.59	13	.25	3	1.63	.01	.03	1	1
L1+00E 2+00S	1	4	2	74	.1	1	1	35	.21	2	5	ND	1	35	1	2	2	6	.31	.032	2	4	.11	25	.01	12	.29	.02	.02	1	1
L1+00E 2+25S	2	1	2	16	.1	1	1	8	.10	2	5	ND	1	2	1	2	2	12	.01	.004	5	1	.05	22	.01	2	.56	.01	.06	1	2
L1+00E 2+75S	1	4	2	44	.1	2	1	69	1.30	2	5	ND	1	11	1	2	3	84	.13	.017	2	8	.04	11	.10	3	.18	.01	.02	1	1
L1+00E 3+00S	1	1	11	25	.1	6	1	294	.91	6	5	ND	1	7	1	2	2	176	.04	.010	2	61	2.00	11	.22	2	2.19	.01	.03	1	1
L1+00E 3+25S	1	11	6	25	.1	2	3	132	4.36	7	5	ND	1	7	1	2	2	199	.09	.013	3	13	.16	10	.35	4	.86	.01	.02	1	1
L1+00E 3+50S	1	9	8	21	.2	7	4	297	6.42	11	5	ND	1	7	1	2	2	264	.08	.012	3	27	.20	10	.52	2	.84	.01	.02	1	1
L1+00E 3+75S	2	12	11	36	.1	7	4	253	4.88	8	5	ND	2	18	1	2	3	118	.25	.012	5	25	.49	24	.38	6	1.99	.01	.02	1	1
L1+00E 4+25S	1	8	10	21	.2	4	3	149	5.91	9	5	ND	1	11	1	2	2	191	.15	.016	3	22	.12	13	.47	2	.98	.01	.02	1	1
L1+00E 4+75S	2	31	15	28	.5	8	4	139	7.28	13	5	ND	2	10	1	2	2	194	.16	.022	3	54	.15	14	.55	3	6.22	.01	.01	1	3
L1+00E 5+00S	1	31	18	40	.3	8	4	144	7.50	8	5	ND	2	9	1	2	2	200	.15	.024	3	58	.14	13	.55	3	5.97	.01	.01	1	2
L1+00E 5+25S	2	42	15	48	.2	8	4	177	5.53	7	5	ND	2	11	1	2	2	117	.18	.038	12	49	.29	15	.39	7	6.99	.01	.01	1	1
L1+00E 5+50S	4	22	11	33	.4	6	3	145	2.52	17	5	ND	1	16	1	2	2	135	.21	.038	7	26	.25	20	.35	3	3.14	.01	.01	1	3
L1+00E 5+75S	1	44	15	34	.2	11	5	154	4.95	13	5	ND	1	13	1	2	3	137	.19	.032	5	40	.25	24	.38	4	4.66	.01	.02	1	4
L1+00E 6+00S	3	31	13	33	.1	6	2	99	4.25	2	5	ND	2	11	1	2	8	120	.16	.021	3	34	.13	16	.36	3	3.09	.01	.01	9	1
L1+00E 6+25S	2	36	16	42	.4	5	7	269	4.55	16	5	ND	2	16	1	2	2	139	.21	.031	7	36	.31	26	.39	7	4.73	.01	.01	2	8
L1+00E 6+50S	1	28	14	32	.5	4	4	249	7.60	20	5	ND	2	11	1	2	2	184	.13	.036	5	29	.13	15	.40	4	3.27	.01	.02	1	3
L1+00E 6+75S	2	36	20	52	.5	7	5	181	7.17	17	5	ND	2	10	1	2	2	176	.11	.045	5	30	.10	29	.34	3	4.13	.01	.01	1	7
L1+00E 7+00S	1	23	13	32	.2	4	4	157	4.10	23	5	ND	1	20	1	2	2	156	.15	.038	3	14	.10	46	.35	2	1.06	.01	.02	1	2
L1+00E 7+25S	1	22	19	29	.1	5	3	156	5.59	14	5	ND	1	14	1	2	2	178	.18	.030	4	22	.12	25	.44	3	1.50	.01	.02	1	4
L1+00E 7+50S	1	42	19	45	.8	10	4	186	4.94	14	5	ND	1	10	1	2	2	134	.18	.055	4	41	.19	12	.38	2	4.76	.01	.02	1	3
L1+00E 7+75S	1	20	18	47	.4	5	3	311	7.97	14	5	ND	1	14	1	2	2	213	.10	.036	3	29	.30	32	.28	3	3.08	.01	.02	1	3
L1+00E 8+00S	1	22	8	23	.4	4	5	180	5.82	11	5	ND	1	11	1	2	4	261	.11	.018	3	22	.06	19	.52	3	1.06	.01	.01	1	2
L1+00E 8+25S	2	58	8	31	.7	5	4	113	4.50	10	5	ND	1	13	1	2	2	124	.15	.033	12	26	.10	35	.40	4	4.00	.01	.02	1	1
L1+00E 8+50S	1	31	16	27	.2	8	4	156	4.85	17	5	ND	1	13	1	2	2	129	.23	.032	4	50	.22	17	.44	2	4.86	.01	.01	1	2
L1+00E 8+75S	1	28	10	31	.2	7	4	203	4.90	6	5	ND	1	13	1	2	2	161	.22	.026	5	43	.17	17	.46	5	3.68	.01	.01	1	1
L1+00E 9+00S	1	30	15	33	.3	8	5	167	7.87	10	5	ND	1	9	1	2	3	180	.13	.040	7	50	.16	22	.41	2	5.43	.01	.01	1	2
L1+00E 9+25S	1	47	10	41	.2	14	12	244	5.74	15	5	ND	1	13	1	2	2	135	.23	.028	5	51	.34	20	.43	8	5.78	.01	.02	1	2
L1+00E 9+50S	1	33	15	33	.3	9	5	171	6.20	5	5	ND	2	13	1	2	2	165	.21	.027	6	51	.21	20	.46	2	4.30	.01	.02	1	5
STANDARD C/AU-S	17	58	36	129	6.6	67	30	947	3.73	38	22	7	37	47	18	15	18	57	.44	.094	38	56	.80	174	.08	34	1.72	.06	.14	13	51

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 16 1990 DATE REPORT MAILED: April 23/90. SIGNED BY..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
L1+00E 9+75S	1	54	13	33	.4	12	6	190	6.18	7	5	ND	1	12	1	2	2	142	.24	.053	4	55	.29	16	.45	2	6.03	.01	.01	1	6
L1+00E 10+00S	1	42	15	34	.3	9	5	147	5.98	8	5	ND	1	13	1	2	2	152	.23	.044	4	55	.22	21	.44	2	4.83	.01	.02	1	4
L2+00E 0+00S	1	27	5	28	.1	8	7	297	3.16	6	5	ND	1	40	1	2	2	88	.69	.068	5	21	.56	37	.22	2	2.50	.01	.04	1	3
L2+00E 0+25S	1	23	8	26	.3	6	4	113	6.79	10	5	ND	2	10	1	2	2	192	.13	.026	3	50	.11	15	.43	2	3.27	.01	.01	1	5
L2+00E 0+50S	1	31	9	21	.1	6	3	89	4.98	9	5	ND	3	7	1	2	2	125	.11	.045	4	75	.15	13	.39	2	6.66	.01	.01	1	4
L2+00E 0+75S	1	26	8	26	.1	6	2	147	.96	2	5	ND	1	23	1	2	2	81	.24	.024	5	34	.27	21	.36	2	2.72	.01	.01	1	5
L2+00E 1+00S	2	13	15	21	.2	1	1	53	.61	2	5	ND	1	11	1	2	2	55	.10	.024	3	15	.04	22	.29	2	.91	.01	.01	1	5
L2+00E 1+25S	1	5	6	19	.1	3	5	171	4.00	6	5	ND	1	11	1	2	2	185	.10	.012	3	18	.23	10	.40	2	.89	.01	.02	1	1
L2+00E 1+50S	1	6	2	50	.3	2	1	32	.45	2	5	ND	1	42	1	2	2	12	.34	.034	2	4	.12	27	.03	3	.18	.01	.03	1	7
L2+00E 1+75S	1	5	10	16	.2	1	1	143	1.67	9	5	ND	1	10	1	2	2	99	.09	.021	3	6	.09	10	.35	2	1.22	.01	.02	1	6
L2+00E 2+00S	1	8	14	20	.4	2	1	67	1.19	6	5	ND	1	13	1	2	2	59	.09	.025	3	10	.06	18	.32	2	.85	.01	.01	1	3
L2+00E 2+25S	1	3	3	15	.2	1	3	155	2.78	6	5	ND	1	17	1	2	2	74	.23	.017	3	3	.14	8	.25	2	.61	.01	.03	1	2
L2+00E 3+00S	4	38	15	17	.4	4	4	129	11.57	16	5	ND	3	8	1	2	2	202	.11	.021	2	88	.17	7	.52	2	4.92	.01	.01	1	4
L2+00E 3+50S	1	5	4	5	.1	1	1	111	1.87	6	5	ND	1	9	1	2	2	143	.09	.008	2	5	.04	6	.38	2	.43	.01	.01	1	3
L2+00E 4+50S	1	5	7	10	.1	1	1	110	1.35	2	5	ND	1	8	1	2	2	103	.07	.012	3	10	.04	14	.30	2	.54	.01	.02	1	2
L2+00E 4+75S	1	6	3	18	.1	1	2	77	3.37	2	5	ND	1	10	1	2	2	157	.10	.019	2	9	.05	12	.30	2	.57	.01	.02	1	11
L2+00E 5+00S	2	48	11	32	.2	5	4	156	4.76	10	5	ND	1	13	1	2	2	124	.17	.031	5	28	.26	20	.42	4	3.71	.01	.01	1	7
L2+00E 5+25S	1	28	6	24	.2	5	4	176	7.24	14	5	ND	2	14	1	2	2	160	.19	.035	5	33	.26	13	.45	2	2.43	.01	.02	1	4
L2+00E 5+50S	1	37	10	35	.1	5	4	161	5.56	15	5	ND	2	14	1	2	3	143	.16	.039	3	28	.25	17	.32	2	3.72	.01	.02	1	4
L2+00E 5+75S	1	13	8	26	.1	2	3	125	3.95	18	5	ND	1	16	1	2	2	186	.18	.027	3	17	.20	12	.43	5	.80	.01	.02	1	10
L2+00E 6+25S	2	37	17	27	.2	5	4	138	6.67	8	5	ND	3	8	1	2	2	145	.13	.056	4	45	.15	14	.39	2	5.53	.01	.01	1	6
L2+00E 6+50S	2	22	8	30	.1	4	3	145	4.93	16	5	ND	1	10	1	2	2	121	.16	.047	5	21	.14	19	.29	2	1.37	.01	.02	1	3
L2+00E 6+75S	1	21	11	20	.1	7	4	241	5.02	8	5	ND	1	11	1	2	2	155	.18	.048	3	39	.14	14	.43	2	2.98	.01	.01	1	2
L2+00E 7+00S	2	29	13	34	.3	2	31	2191	6.20	13	5	ND	1	13	1	2	2	159	.14	.051	4	25	.20	28	.25	2	2.31	.01	.02	1	3
L2+00E 7+25S	1	41	6	34	.2	5	6	474	6.32	13	5	ND	1	11	1	2	2	136	.13	.072	4	36	.17	17	.28	2	4.52	.01	.01	1	2
L2+00E 7+50S	1	60	14	48	.2	6	7	208	5.85	12	5	ND	2	10	1	2	3	136	.13	.050	9	35	.18	17	.32	2	6.06	.01	.01	1	3
L2+00E 7+75S	2	51	23	46	.1	5	3	224	5.53	15	5	ND	1	12	1	2	2	120	.11	.050	4	18	.27	20	.18	2	2.59	.01	.02	1	4
L2+00E 8+00S	2	30	12	33	.1	4	4	202	6.03	10	5	ND	1	26	1	2	2	151	.23	.024	8	20	.13	40	.37	2	1.55	.01	.02	1	4
L2+00E 8+25S	2	46	10	48	.4	7	8	235	5.77	11	5	ND	1	16	1	2	2	124	.21	.041	5	36	.28	21	.41	2	5.12	.01	.01	1	3
L2+00E 8+50S	1	58	13	31	.2	7	3	160	5.25	7	5	ND	1	9	1	2	3	124	.14	.035	3	39	.22	15	.29	2	4.25	.01	.01	1	4
L2+00E 8+75S	1	36	13	35	.1	5	3	157	5.71	8	5	ND	2	6	1	2	2	86	.07	.066	4	43	.22	17	.24	2	9.35	.01	.01	1	5
L2+00E 9+00S	1	35	10	36	.2	6	4	144	7.41	5	5	ND	1	7	1	2	2	158	.09	.046	4	38	.20	26	.32	2	5.04	.01	.01	1	3
L2+00E 9+25S	1	46	10	39	.1	11	5	154	6.03	6	5	ND	2	8	1	2	4	126	.15	.039	3	52	.25	14	.38	2	6.98	.01	.01	1	5
L2+00E 9+50S	1	40	11	41	.1	13	7	160	5.46	10	5	ND	1	9	1	2	2	144	.17	.029	3	47	.25	15	.40	4	4.75	.01	.01	1	4
L2+00E 9+75S	1	28	5	26	.1	5	3	120	5.64	10	5	ND	1	12	1	2	2	143	.16	.034	3	32	.16	15	.37	9	2.69	.01	.02	1	5
L2+00E 10+00S	1	57	14	63	.1	10	18	278	6.74	11	5	ND	1	9	1	2	2	135	.14	.047	4	44	.23	16	.37	2	6.41	.01	.01	1	3
STANDARD C/AU-S	17	57	38	129	6.7	68	30	936	3.84	39	18	7	37	47	18	15	23	57	.45	.095	38	56	.81	174	.08	35	1.79	.06	.14	11	57

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
L31+00E 0+00S	1	15	21	27	.1	4	2	122	7.87	12	5	ND	1	7	1	2	2	181	.11	.032	2	30	.11	11	.34	3	2.10	.01	.01	1	1
L31+00E 0+25S	2	12	15	15	.1	3	2	72	7.32	19	5	ND	1	6	1	2	3	183	.07	.025	2	23	.07	10	.35	3	1.34	.01	.01	1	5
L31+00E 0+50S	1	19	19	12	.1	3	2	91	7.33	13	5	ND	1	5	1	2	2	150	.13	.025	6	55	.14	10	.36	2	4.58	.01	.01	1	9
L31+00E 0+75S	1	34	11	32	.1	1	1	38	5.39	9	5	ND	1	4	1	2	2	45	.04	.058	2	7	.02	16	.07	2	.36	.01	.01	1	4
L31+00E 1+00S	1	12	14	11	.1	2	1	74	7.67	7	5	ND	1	6	1	2	2	217	.04	.017	2	24	.04	10	.31	2	.90	.01	.01	1	1
L31+00E 1+25S	1	19	18	20	.1	2	2	61	9.99	8	5	ND	1	4	1	2	2	226	.05	.020	2	32	.04	10	.41	2	1.38	.01	.01	1	3
L31+00E 1+50S	1	12	11	14	.1	2	1	17	1.10	2	5	ND	1	7	1	2	3	78	.06	.019	2	17	.03	20	.19	2	1.05	.01	.01	1	1
L31+00E 1+75S	1	14	13	14	.1	3	1	67	2.27	3	5	ND	1	9	1	2	3	93	.10	.013	2	21	.12	15	.18	2	1.72	.01	.01	2	3
L31+00E 2+00S	1	7	2	50	.1	2	1	17	.55	2	5	ND	1	15	1	2	2	4	.15	.040	2	4	.07	27	.02	4	.37	.01	.01	2	1
L31+00E 2+50S	1	12	18	19	.1	3	2	84	8.56	5	5	ND	1	5	1	2	2	254	.07	.013	2	26	.06	16	.52	3	1.09	.01	.02	1	13
L31+00E 2+75S	1	18	13	21	.1	4	3	84	8.22	8	5	ND	1	4	1	2	2	212	.06	.022	2	25	.05	11	.33	2	1.35	.01	.01	1	2
L31+00E 3+00S	1	45	25	41	.1	7	5	115	6.81	12	5	ND	1	4	1	3	2	95	.10	.044	2	52	.17	14	.16	3	8.98	.01	.01	3	2
L31+00E 3+25S	1	25	17	20	.1	5	3	138	8.16	4	5	ND	1	5	1	2	2	217	.09	.017	2	22	.16	8	.28	2	1.18	.01	.01	1	1
L31+00E 3+50S	1	6	3	59	.1	1	1	9	.18	2	5	ND	1	54	1	2	2	5	.48	.021	2	3	.14	25	.01	6	.15	.01	.02	1	4
L31+00E 3+75S	1	18	18	31	.1	4	3	102	8.13	7	5	ND	1	7	1	2	2	194	.10	.020	2	39	.13	18	.42	2	2.48	.01	.01	1	1
L31+00E 4+25S	1	16	7	24	.1	5	3	110	4.50	4	5	ND	1	8	1	2	2	109	.12	.027	2	15	.19	13	.08	2	2.34	.01	.02	1	1
L31+00E 4+50S	1	34	12	38	.1	11	8	206	5.92	8	5	ND	1	7	1	2	2	132	.15	.037	5	33	.23	34	.18	3	4.65	.01	.01	1	3
L31+00E 4+75S	1	43	16	51	.1	10	7	202	6.44	13	5	ND	1	6	1	2	2	127	.13	.043	6	34	.15	25	.13	3	4.27	.01	.01	1	4
L31+00E 5+00S	1	26	17	42	.1	5	4	353	6.04	12	5	ND	1	17	1	2	2	108	.31	.051	3	16	.13	17	.23	4	3.52	.01	.02	1	1
L31+00E 5+25S	1	53	16	50	.1	11	9	342	5.46	8	5	ND	1	6	1	2	2	101	.15	.074	5	40	.25	20	.20	3	5.95	.01	.01	1	3
L31+00E 5+50S	1	44	17	43	.1	9	11	330	7.03	12	5	ND	1	6	1	2	2	142	.14	.051	7	40	.18	21	.28	3	4.79	.01	.01	1	15
L31+00E 5+75S	1	37	15	41	.1	11	7	245	5.12	4	5	ND	1	9	1	2	2	106	.19	.062	5	39	.22	21	.25	2	4.90	.01	.01	1	5
L31+00E 6+00S	1	32	9	41	.1	7	5	228	6.04	7	5	ND	1	7	1	2	2	130	.16	.047	3	36	.32	17	.25	2	3.25	.01	.01	1	1
L31+00E 6+25S	1	14	9	27	.1	3	3	190	4.79	5	5	ND	1	5	1	2	2	121	.10	.037	3	16	.12	17	.20	2	1.94	.01	.01	1	1
L33+00E 0+00S	1	9	22	16	.1	4	1	56	4.55	14	5	ND	1	9	1	2	2	161	.10	.029	2	18	.04	24	.26	3	.66	.01	.01	1	2
L33+00E 0+25S	1	35	28	31	.1	4	2	103	8.42	13	5	ND	1	4	1	2	2	104	.10	.038	3	64	.14	16	.24	2	7.36	.01	.01	2	1
L33+00E 0+50S	1	36	16	29	.1	9	3	132	2.43	10	5	ND	1	9	1	3	2	123	.21	.046	7	46	.30	49	.30	2	5.43	.01	.01	1	7
L33+00E 0+75S	1	4	3	28	.1	1	1	46	2.11	2	5	ND	1	22	1	2	2	101	.07	.018	2	8	.08	19	.12	4	.28	.01	.02	1	3
L33+00E 1+00S	1	37	5	40	.1	4	1	15	1.63	3	5	ND	1	7	1	2	2	65	.09	.036	2	15	.01	35	.04	4	2.45	.01	.01	1	3
L33+00E 1+25S	1	6	13	7	.1	2	1	57	2.56	3	5	ND	1	6	1	2	3	123	.09	.009	2	14	.07	15	.37	2	.97	.01	.01	1	1
L33+00E 1+50S	1	13	5	19	.1	4	3	155	5.51	4	5	ND	1	7	1	2	2	196	.11	.018	2	17	.24	12	.32	3	.87	.01	.02	1	1
L33+00E 1+75S	1	29	12	44	.1	7	4	102	6.10	4	5	ND	1	6	1	2	3	127	.11	.046	5	38	.13	17	.25	3	5.12	.01	.01	1	3
L33+00E 2+00S	1	9	5	40	.1	5	3	312	1.13	2	5	ND	1	55	1	2	2	3	1.02	.042	6	5	.09	230	.01	5	1.16	.01	.01	1	6
L33+00E 2+50S	1	15	2	49	.1	5	2	21	.99	2	5	ND	1	112	1	2	2	5	1.70	.031	5	6	.14	197	.01	5	.86	.01	.01	1	4
L33+00E 2+75S	1	8	7	19	.1	1	1	78	3.43	5	5	ND	2	7	1	2	2	166	.11	.008	2	9	.05	19	.24	2	.85	.01	.01	1	1
L33+00E 3+00S	1	19	19	23	.1	3	3	97	8.07	8	5	ND	1	5	1	2	3	167	.09	.023	2	38	.09	13	.33	3	2.21	.01	.01	1	1
STANDARD C/AU-S	17	57	36	128	7.1	64	30	1036	4.16	40	17	7	36	47	18	15	19	56	.51	.094	37	56	.94	173	.08	35	2.05	.06	.14	11	49

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
L33+00E 3+25S	1	30	13	36	.1	5	2	136	7.31	9	5	ND	1	5	1	2	2	141	.12	.037	3	42	.12	19	.25	2	3.48	.01	.01	1	1
L33+00E 3+50S	1	33	16	31	.2	6	4	176	5.95	4	5	ND	1	6	1	2	2	127	.13	.026	3	32	.12	29	.13	2	3.45	.01	.02	1	1
L33+00E 3+75S	1	21	11	32	.1	6	4	156	5.24	4	5	ND	1	8	1	2	3	247	.08	.015	2	22	.08	12	.36	2	.82	.01	.01	1	3
L33+00E 4+00S	1	32	11	20	.1	6	3	111	5.71	5	5	ND	2	6	1	2	2	102	.16	.037	4	53	.17	12	.27	2	5.02	.01	.01	1	2
L33+00E 4+25S	1	33	13	27	.1	8	3	116	6.01	3	5	ND	1	6	1	3	2	134	.16	.028	2	52	.18	24	.31	2	5.19	.01	.01	1	1
L33+00E 4+50S	3	26	12	45	.1	12	13	409	.71	3	5	ND	1	55	1	2	2	33	1.14	.058	5	16	.15	43	.06	2	1.54	.01	.01	1	1
L33+00E 4+75S	5	10	5	43	.1	3	6	4292	5.76	16	5	ND	1	98	1	2	2	18	2.55	.098	3	7	.22	124	.01	8	.75	.02	.01	1	2
L33+00E 5+00S	1	13	7	28	.1	10	4	240	1.17	2	5	ND	1	17	1	2	2	46	.42	.015	4	26	.45	35	.19	2	2.06	.01	.01	1	1
L33+00E 5+50S	1	23	13	29	.1	11	4	213	1.78	2	5	ND	1	17	1	2	2	78	.33	.014	6	33	.52	35	.22	2	2.60	.01	.02	1	3
L33+00E 5+75S	1	35	13	36	.1	10	5	133	5.04	4	5	ND	1	7	1	2	2	113	.17	.032	6	36	.26	13	.25	2	4.51	.01	.01	1	2
L33+00E 6+00S	1	34	13	31	.1	6	3	167	5.21	5	5	ND	1	6	1	2	2	121	.14	.049	7	35	.14	16	.29	4	4.18	.01	.01	1	1
L33+00E 6+25S	1	22	13	32	.1	9	3	774	5.18	7	5	ND	1	12	1	2	2	130	.28	.031	3	38	.27	16	.31	4	2.13	.01	.01	1	3
L35+00E 0+00S	2	15	12	27	.1	5	3	143	3.41	5	5	ND	1	11	1	2	2	87	.20	.026	4	19	.27	31	.09	2	2.51	.01	.01	1	2
L35+00E 0+25S	5	24	20	13	.1	2	2	139	7.50	10	5	ND	1	9	1	2	2	100	.10	.022	4	30	.28	16	.04	2	2.28	.01	.01	1	2
L35+00E 0+50S	3	11	2	15	.1	1	1	128	3.54	9	5	ND	1	13	1	2	2	110	.14	.027	2	9	.10	21	.09	2	.78	.01	.02	1	1
L35+00E 0+75S	1	4	3	71	.2	1	1	78	.17	2	5	ND	1	43	1	2	2	2	.29	.041	2	5	.30	24	.01	5	.14	.03	.03	1	4
L35+00E 1+00S	5	28	19	21	.2	4	2	134	8.58	10	5	ND	1	9	1	2	2	139	.10	.026	3	27	.27	28	.06	2	2.48	.01	.01	1	1
L35+00E 1+25S	3	45	20	44	.1	10	6	327	5.77	10	5	ND	1	25	1	2	2	80	.24	.030	6	29	.75	60	.07	2	3.50	.01	.02	1	3
L35+00E 1+50S	2	29	14	34	.1	11	5	320	5.32	10	5	ND	1	27	1	3	2	88	.36	.030	4	27	.72	42	.12	2	2.49	.01	.02	1	3
L35+00E 1+75S	2	17	9	40	.1	5	3	154	4.00	7	5	ND	1	37	1	2	2	74	.32	.038	2	16	.36	35	.08	2	1.24	.01	.02	1	3
L35+00E 2+00S	2	38	12	43	.1	10	6	354	5.08	7	5	ND	1	34	1	2	2	79	.48	.039	5	24	.74	50	.09	3	2.78	.01	.03	1	3
L35+00E 2+25S	3	28	12	39	.2	8	5	294	6.04	9	5	ND	1	25	1	2	2	74	.36	.036	5	19	.57	38	.06	2	2.09	.01	.02	1	3
L35+00E 2+50S	2	31	10	47	.1	11	7	396	5.26	9	5	ND	1	35	1	2	2	87	.50	.043	5	25	.72	47	.11	2	2.48	.01	.03	1	5
L35+00E 2+75S	3	53	18	35	.1	10	6	217	3.52	16	5	ND	1	14	1	4	2	101	.22	.026	9	30	.52	40	.10	2	3.59	.01	.02	1	3
L35+00E 3+00S	3	4	14	8	.1	3	1	68	1.05	2	5	ND	1	9	1	2	2	40	.05	.013	3	12	.18	19	.04	2	1.21	.01	.02	1	2
L35+00E 3+25S	1	17	11	17	.1	10	4	160	3.05	8	5	ND	1	14	1	2	2	123	.44	.022	4	24	.36	14	.31	2	1.55	.01	.01	1	1
L35+00E 3+50S	1	24	11	11	.1	4	2	80	7.63	8	5	ND	1	6	1	2	2	239	.08	.024	2	28	.08	12	.52	2	1.57	.01	.01	1	1
L35+00E 4+00S	1	48	7	30	.1	12	6	192	5.94	9	5	ND	1	11	1	2	2	159	.24	.042	4	37	.23	67	.34	2	3.38	.01	.02	1	3
L35+00E 4+25S	4	40	19	37	.2	7	4	171	5.78	8	5	ND	1	9	1	2	2	93	.11	.033	7	26	.31	57	.03	2	3.83	.01	.02	1	4
L35+00E 4+50S	4	13	4	5	.1	1	1	72	2.59	5	5	ND	1	9	1	2	2	109	.04	.015	3	7	.08	16	.02	2	.75	.01	.03	1	4
L35+00E 4+75S	2	35	16	56	.1	12	6	353	5.87	10	5	ND	1	30	1	2	2	83	.34	.036	5	32	.79	58	.11	2	3.17	.01	.02	1	3
L35+00E 5+00S	2	27	9	36	.1	11	5	318	4.39	8	5	ND	1	30	1	2	2	89	.34	.031	3	25	.71	42	.13	2	2.28	.01	.02	1	2
L35+00E 5+25S	1	26	9	41	.1	6	4	146	6.23	8	5	ND	1	8	1	2	2	198	.13	.041	2	23	.10	22	.31	2	1.39	.01	.02	1	3
L35+00E 5+50S	1	31	10	63	.2	8	6	178	6.68	10	5	ND	1	8	1	2	4	145	.17	.026	4	46	.23	19	.36	2	3.24	.01	.01	1	2
L35+00E 5+75S	1	45	19	49	.2	11	6	146	7.70	7	5	ND	1	6	1	2	2	153	.12	.036	4	47	.20	19	.33	2	5.65	.01	.01	1	3
L35+00E 6+00S	1	51	10	37	.1	14	6	166	5.96	8	5	ND	1	8	1	4	2	123	.19	.032	4	54	.32	18	.34	2	5.91	.01	.01	1	5
STANDARD C/AU-S	17	57	35	126	6.6	67	29	1054	4.14	38	18	6	37	48	18	16	17	57	.51	.095	38	54	.93	174	.08	33	2.04	.06	.14	11	48

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
L35+00E 6+25S	1	41	19	37	.1	7	5	118	7.53	8	5	ND	1	5	1	2	2	171	.11	.029	3	43	.15	20	.34	2	5.21	.01	.01	1	6
L35+00E 6+50S	1	19	18	63	.2	3	6	247	9.01	8	5	ND	1	3	1	2	2	153	.01	.037	2	7	.13	23	.03	2	3.97	.01	.02	1	1
L35+00E 6+75S	1	67	17	52	.1	6	4	105	7.02	6	5	ND	2	5	1	2	2	138	.10	.040	4	51	.12	16	.25	2	6.85	.01	.01	1	5
L35+00E 7+00S	1	45	23	53	.1	8	5	159	8.34	10	5	ND	1	5	1	5	2	120	.12	.055	3	43	.20	20	.17	2	7.08	.01	.02	1	1
L35+00E 7+25S	1	48	21	54	.1	9	6	163	8.76	11	5	ND	1	5	1	2	2	158	.12	.069	7	48	.16	20	.37	2	7.39	.01	.01	1	1
L35+00E 7+50S	1	48	21	51	.1	5	4	114	10.25	9	5	ND	1	5	1	3	2	145	.10	.050	5	51	.12	17	.33	2	5.62	.01	.01	1	1
L35+00E 7+75S	1	58	14	58	.1	10	6	147	7.36	10	5	ND	1	7	1	2	2	111	.12	.054	4	47	.22	16	.28	2	6.44	.01	.01	1	5
L35+00E 8+00S	1	65	6	70	.1	8	10	572	5.92	56	5	ND	1	44	1	5	2	126	.76	.058	7	23	.67	43	.23	2	7.42	.01	.08	1	1
L35+00E 8+25S	1	45	12	42	.1	6	4	150	7.52	5	5	ND	1	6	1	2	2	136	.11	.055	3	32	.16	23	.24	2	3.78	.01	.01	1	5
L35+00E 8+50S	1	66	15	66	.1	14	13	1942	6.42	9	5	ND	1	8	1	2	4	119	.19	.058	4	41	.31	22	.23	2	4.25	.01	.02	1	6
L35+00E 8+75S	1	54	8	63	.1	9	9	600	6.10	4	5	ND	1	7	1	2	2	116	.15	.077	4	44	.20	20	.25	2	5.31	.01	.01	1	1
L35+00E 9+50S	1	63	11	58	.1	17	13	412	5.12	3	5	ND	1	10	1	2	2	126	.22	.092	6	46	.34	23	.34	2	5.10	.01	.01	1	1
L35+00E 10+00S	1	37	49	53	.1	19	8	400	3.79	3	5	ND	1	17	1	2	2	81	.36	.042	8	45	.43	39	.29	2	3.34	.01	.02	1	1
L37+00E 0+00S	1	12	8	48	.1	5	1	74	.63	2	5	ND	1	19	1	2	2	13	.31	.075	2	6	.08	31	.02	4	.81	.01	.05	1	1
L37+00E 0+25S	2	30	14	14	.1	4	2	72	7.25	9	5	ND	1	7	1	2	3	165	.11	.027	2	24	.10	21	.37	2	1.53	.01	.01	1	1
L37+00E 0+50S	1	23	4	20	.1	2	2	82	7.68	9	5	ND	1	8	1	2	2	168	.12	.036	2	27	.08	17	.34	2	1.29	.01	.02	1	2
L37+00E 0+75S	1	31	15	22	.1	6	4	131	4.70	4	5	ND	1	9	1	2	2	78	.23	.035	4	37	.26	18	.24	2	4.17	.01	.01	1	1
L37+00E 1+00S	3	22	21	27	.1	3	1	50	5.60	56	5	ND	1	23	1	7	2	126	.10	.043	2	15	.08	16	.24	2	.54	.01	.02	1	1
L37+00E 1+25S	1	12	2	26	.1	2	1	37	.96	2	5	ND	1	26	1	2	2	51	.27	.027	2	18	.16	8	.09	2	.38	.01	.03	1	3
L37+00E 1+50S	1	17	2	23	.2	4	2	84	4.60	2	5	ND	1	15	1	2	2	127	.18	.035	2	20	.10	17	.28	2	1.40	.01	.02	1	1
L37+00E 1+75S	1	40	7	24	.1	4	3	96	6.25	3	5	ND	1	5	1	2	2	122	.08	.049	5	34	.14	21	.18	2	6.11	.01	.02	1	3
L37+00E 2+00S	1	47	14	33	.1	8	6	137	6.57	7	5	ND	1	8	1	2	2	113	.12	.040	4	34	.23	46	.10	2	6.50	.01	.02	1	2
L37+00E 2+25S	1	44	16	45	.1	4	4	133	9.06	5	5	ND	1	5	1	2	2	185	.10	.041	4	43	.12	25	.30	2	6.10	.01	.03	1	4
L37+00E 2+50S	1	41	14	46	.1	7	6	143	8.18	5	5	ND	1	7	1	2	2	173	.14	.028	3	32	.16	39	.18	2	3.43	.01	.02	1	2
L37+00E 3+25S	1	30	59	40	.2	5	1	15	1.65	13	5	ND	1	16	1	2	4	22	.18	.061	4	7	.03	55	.03	2	1.85	.02	.02	1	1
L37+00E 4+00S	3	29	79	38	.4	2	1	18	1.80	22	5	ND	1	6	1	2	6	65	.09	.082	6	15	.02	15	.04	2	2.96	.01	.01	1	3
L37+00E 4+25S	2	22	40	22	.4	2	1	3	.45	4	5	ND	1	3	1	2	4	20	.04	.057	3	11	.01	10	.02	5	1.87	.01	.01	3	3
L37+00E 4+50S	1	23	43	26	.2	4	1	11	.97	19	5	ND	1	3	1	2	3	29	.04	.074	4	13	.02	11	.02	2	2.30	.01	.01	1	14
L37+00E 4+75S	1	45	6	39	.1	6	5	93	4.48	7	5	ND	1	4	1	2	2	54	.06	.038	3	14	.13	23	.01	2	2.58	.01	.02	1	1
L37+00E 5+00S	1	38	13	56	.2	6	4	84	7.85	5	5	ND	1	4	1	3	2	144	.07	.046	3	37	.07	13	.21	2	5.19	.01	.02	1	1
L37+00E 5+25S	1	23	2	53	.1	5	5	152	5.13	2	5	ND	1	6	1	2	2	67	.08	.037	4	12	.18	23	.02	2	4.58	.01	.02	1	7
L37+00E 5+50S	1	33	12	35	.1	8	4	156	6.27	5	5	ND	1	11	1	2	2	129	.22	.040	3	39	.21	16	.39	2	3.31	.01	.01	1	2
L37+00E 5+75S	1	47	8	46	.1	7	4	142	6.19	5	5	ND	1	8	1	2	3	123	.18	.044	4	40	.18	13	.33	2	4.31	.01	.01	1	1
L37+00E 6+00S	1	18	2	25	.1	6	3	123	4.88	6	5	ND	1	9	1	2	2	154	.17	.024	2	20	.14	12	.36	2	1.10	.01	.01	1	4
L37+00E 6+25S	1	47	4	49	.1	10	9	556	6.21	12	5	ND	1	7	1	3	2	122	.18	.085	6	44	.25	24	.33	2	5.86	.01	.01	1	1
L37+00E 6+50S	1	60	6	43	.1	9	8	332	5.78	14	5	ND	1	6	1	2	2	112	.16	.403	4	40	.22	21	.26	2	5.89	.01	.01	1	1
STANDARD C/AU-S	18	63	37	141	7.2	69	32	1157	4.11	37	20	8	40	52	20	15	19	61	.51	.094	40	56	.93	192	.08	38	1.96	.06	.14	11	55

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
L37+00E 6+75S	1	22	9	33	.2	8	3	120	3.94	7	5	ND	1	10	1	2	3	121	.21	.028	3	24	.20	21	.34	2	1.68	.01	.01	1	1
L37+00E 7+00S	1	28	15	39	.2	8	3	325	7.00	5	5	ND	1	5	1	2	2	137	.09	.051	3	50	.17	17	.32	2	4.65	.01	.01	1	1
L37+00E 7+25S	2	45	10	39	.4	8	46	2036	4.90	8	5	ND	1	7	1	2	2	93	.15	.051	5	31	.19	21	.18	2	3.64	.01	.01	1	5
L37+00E 7+50S	1	26	11	30	.2	6	4	341	8.05	8	5	ND	1	5	1	2	2	175	.10	.035	3	33	.11	13	.35	2	1.68	.01	.02	1	1
L37+00E 7+75S	1	43	14	48	.2	8	59	6547	4.78	2	5	ND	1	7	1	2	2	112	.11	.072	8	28	.15	30	.15	2	4.17	.01	.02	1	1
L37+00E 8+00S	1	52	12	60	.1	12	12	991	5.60	8	5	ND	1	8	1	2	2	98	.19	.068	8	33	.28	23	.22	2	4.44	.01	.02	1	3
L37+00E 8+25S	1	29	13	43	.1	4	5	213	5.74	4	5	ND	1	6	1	2	2	134	.11	.044	7	31	.10	17	.23	2	3.29	.01	.01	1	250
L37+00E 8+50S	1	45	15	56	.1	9	8	395	5.22	5	5	ND	1	5	1	2	5	92	.11	.089	5	45	.13	13	.20	2	6.86	.01	.01	1	17
L37+00E 8+75S	1	47	10	56	.1	12	9	671	4.75	6	5	ND	1	6	1	2	2	93	.14	.087	6	38	.26	17	.24	2	5.11	.01	.01	1	6
L37+00E 9+00S	1	45	9	46	.1	12	8	694	5.32	3	5	ND	1	8	1	2	2	111	.15	.062	6	55	.18	12	.31	2	5.79	.01	.01	1	6
L37+00E 9+25S	1	35	10	52	.1	9	8	550	5.41	9	5	ND	1	5	1	2	2	118	.11	.057	5	34	.15	15	.20	2	4.14	.01	.01	1	4
L37+00E 9+50S	1	23	11	41	.3	7	4	189	4.87	6	5	ND	1	6	1	2	3	119	.11	.033	6	18	.10	30	.15	2	1.37	.01	.01	1	2
L37+00E 9+75S	1	41	12	43	.1	8	6	294	5.66	7	5	ND	1	6	1	2	2	126	.13	.044	8	29	.16	16	.28	2	3.05	.01	.01	1	1
L37+00E 10+00S	1	49	12	54	.1	13	12	391	5.44	5	5	ND	1	7	1	2	2	115	.15	.056	6	33	.22	24	.27	2	3.88	.01	.01	1	7
L39+00E 0+00S	1	7	3	29	.3	2	2	105	2.21	4	5	ND	1	13	1	2	3	77	.15	.043	2	11	.12	21	.16	4	.68	.01	.03	1	1
L39+00E 0+25S	2	18	9	18	.2	4	2	107	4.43	12	5	ND	1	6	1	2	4	115	.11	.035	3	17	.10	17	.22	2	1.03	.01	.02	1	6
L39+00E 0+50S	1	8	6	47	.2	1	1	59	1.19	4	5	ND	1	21	1	2	2	44	.23	.040	2	3	.07	21	.06	5	.46	.01	.02	1	5
L39+00E 0+75S	1	17	4	51	.1	2	1	74	3.45	5	5	ND	1	23	1	2	4	108	.08	.040	2	9	.17	26	.13	2	.65	.01	.02	1	1
L39+00E 1+00S	2	18	8	23	.2	4	2	83	4.97	10	5	ND	1	8	1	2	4	142	.08	.033	2	16	.10	21	.21	2	1.24	.01	.01	1	4
L39+00E 1+25S	2	34	18	31	.1	8	30	2726	4.45	9	5	ND	1	8	1	2	4	94	.14	.041	4	32	.16	44	.18	2	3.44	.01	.01	1	1
L39+00E 1+50S	1	84	12	58	.1	5	7	294	2.83	4	5	ND	1	49	1	2	3	48	.08	.038	3	9	.26	191	.04	2	4.29	.01	.03	1	3
L39+00E 1+75S	1	30	15	35	.1	6	6	243	5.12	8	5	ND	1	9	1	2	4	104	.15	.044	4	27	.23	44	.14	2	3.67	.01	.02	1	3
L39+00E 2+25S	2	24	12	22	.3	2	2	75	6.34	4	5	ND	1	4	1	2	3	131	.02	.033	2	10	.05	48	.02	2	3.13	.01	.01	1	1
L39+00E 2+50S	1	15	9	30	.2	3	2	76	4.98	7	5	ND	1	7	1	2	9	158	.10	.040	2	20	.05	15	.33	2	.69	.01	.02	1	1
L39+00E 2+75S	1	14	4	45	.1	2	1	130	2.84	2	5	ND	1	14	1	2	2	106	.08	.013	3	5	.06	14	.08	2	.43	.01	.02	1	3
L39+00E 3+25S	1	27	32	34	.3	4	1	10	.55	7	5	ND	1	6	1	2	2	17	.10	.084	3	7	.01	23	.02	2	1.76	.01	.01	1	6
L39+00E 3+75S	1	13	13	39	.1	2	1	56	1.34	3	5	ND	1	12	1	2	2	9	.22	.062	4	4	.04	27	.01	5	.81	.01	.03	1	4
L39+00E 4+00S	1	36	20	41	.1	4	4	154	10.27	9	5	ND	1	3	1	2	2	205	.07	.014	2	39	.13	13	.25	2	2.33	.01	.01	1	5
L39+00E 4+25S	1	38	8	58	.1	7	11	323	6.31	7	5	ND	1	26	1	2	2	125	.22	.028	3	16	.22	222	.05	2	2.10	.01	.03	1	1
L39+00E 4+50S	1	27	13	26	.1	5	2	93	6.83	11	5	ND	1	7	1	2	2	174	.14	.020	3	28	.10	17	.39	2	1.72	.01	.01	1	2
L39+00E 4+75S	2	47	21	34	.2	6	10	238	5.98	11	5	ND	1	5	1	2	2	141	.09	.049	7	33	.12	20	.29	2	4.62	.01	.01	1	4
L39+00E 5+00S	1	60	14	37	.2	8	5	172	6.91	9	5	ND	1	6	1	2	8	136	.13	.041	4	38	.19	18	.42	2	4.20	.01	.01	1	3
L39+00E 5+25S	1	42	12	28	.1	7	4	219	5.10	8	5	ND	1	5	1	2	2	114	.14	.043	4	39	.18	14	.32	2	4.66	.01	.01	1	2
L39+00E 5+50S	1	12	3	53	.1	4	2	59	.88	2	5	ND	1	24	1	2	2	31	.35	.041	2	7	.20	23	.14	2	.48	.01	.03	1	2
L39+00E 5+75S	1	45	16	32	.1	9	5	135	5.46	9	5	ND	1	5	1	2	2	113	.13	.030	3	41	.21	17	.31	2	5.84	.01	.01	1	5
L39+00E 6+00S	1	14	4	31	.2	4	1	26	.14	2	5	ND	1	18	1	2	2	4	.28	.068	4	3	.04	27	.01	5	.86	.01	.01	1	7
STANDARD C/AU-S	17	57	38	131	6.7	68	30	1059	4.04	41	20	7	37	48	18	14	23	56	.52	.095	37	56	.94	175	.08	36	1.97	.06	.14	13	54

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
L39+00E 6+25S	1	17	11	80	.1	5	2	169	.08	2	5	ND	1	33	1	2	2	6	.42	.040	6	3	.06	68	.02	11	1.05	.01	.01	1	4
L39+00E 6+50S	1	80	19	41	.1	9	3	85	1.22	3	5	ND	1	17	1	2	2	39	.32	.044	11	27	.19	40	.09	3	3.87	.01	.01	1	4
L39+00E 6+75S	1	58	15	32	.3	6	4	237	7.42	7	5	ND	1	6	1	2	7	147	.13	.045	4	42	.18	16	.26	4	3.91	.01	.02	1	5
L39+00E 7+00S	1	24	12	35	.3	5	3	137	8.51	8	5	ND	1	6	1	2	6	202	.09	.034	3	29	.05	26	.38	2	2.03	.01	.01	1	5
L39+00E 7+25S	1	38	13	39	.3	7	5	240	10.15	7	5	ND	2	7	1	2	3	144	.17	.044	4	46	.26	17	.41	2	2.78	.01	.01	1	2
L39+00E 7+50S	1	25	8	29	.2	5	6	361	7.22	6	5	ND	1	6	1	2	7	144	.11	.044	5	30	.10	16	.27	2	3.13	.01	.01	1	2
L39+00E 7+75S	1	33	14	41	.2	6	22	2198	6.77	8	5	ND	2	6	1	2	2	132	.11	.059	5	38	.17	22	.23	3	4.02	.01	.01	1	1
L39+00E 8+00S	1	40	14	40	.1	7	6	557	5.21	8	5	ND	1	7	1	2	4	134	.16	.048	5	39	.25	18	.18	2	3.78	.01	.01	1	8
L39+00E 8+25S	1	21	12	31	.1	5	2	170	1.80	3	5	ND	1	8	1	2	3	87	.17	.028	4	21	.14	21	.21	2	1.94	.01	.01	1	9
L39+00E 8+50S	1	37	16	57	.2	7	12	2015	6.15	5	5	ND	1	6	1	2	9	115	.15	.067	6	34	.23	23	.19	2	3.81	.01	.02	1	3
L39+00E 8+75S	1	50	12	45	.2	11	13	2601	6.00	6	5	ND	1	7	1	2	3	111	.18	.057	3	45	.33	20	.25	7	4.08	.01	.02	1	6
L39+00E 9+00S	1	52	6	47	.2	13	12	1118	5.13	5	5	ND	1	7	1	2	2	98	.16	.062	11	44	.27	19	.26	2	5.44	.01	.01	1	5
L39+00E 9+25S	1	38	2	34	.1	10	6	275	6.50	4	5	ND	1	8	1	2	2	140	.19	.031	4	39	.23	19	.30	2	2.78	.01	.01	1	2
L39+00E 9+50S	1	41	10	54	.1	15	10	577	4.60	4	5	ND	1	10	1	2	5	98	.19	.061	16	30	.24	29	.23	4	4.50	.01	.01	1	1
L39+00E 9+75S	1	37	8	57	.1	8	8	461	6.19	3	5	ND	1	6	1	2	8	127	.14	.046	11	38	.15	15	.30	3	4.30	.01	.01	1	2
L41+00E 0+00S	1	4	2	10	.1	1	1	23	.39	2	5	ND	1	5	1	2	2	9	.05	.007	2	3	.02	4	.01	4	.12	.01	.01	1	3
L41+00E 0+25S	2	10	2	50	.3	1	1	94	.43	5	5	ND	1	16	1	3	2	2	.68	.061	2	2	.07	9	.01	5	.08	.01	.05	1	6
L41+00E 0+50S	1	4	3	34	1.0	1	1	9	.13	2	5	ND	1	33	1	2	2	1	.41	.033	2	4	.17	13	.01	5	.14	.01	.02	1	1
L41+00E 0+75S	7	11	56	15	.2	1	1	36	4.48	45	5	ND	1	9	1	2	30	173	.06	.031	2	18	.04	15	.30	2	.66	.01	.01	1	4
L41+00E 1+00S	8	16	96	32	1.2	2	1	33	2.45	27	5	ND	1	20	1	2	30	94	.09	.045	3	18	.06	35	.21	3	.96	.01	.02	1	2
L41+00E 1+25S	6	37	89	17	1.4	6	3	125	14.03	31	5	ND	3	10	1	3	17	161	.15	.048	3	60	.16	15	.44	3	3.11	.01	.01	1	19
L41+00E 1+50S	24	44	149	18	1.1	2	2	64	17.69	90	5	ND	1	24	1	3	62	121	.06	.060	4	25	.02	81	.18	2	1.21	.01	.02	1	14
L41+00E 1+75S	2	27	26	18	.2	5	2	81	7.26	9	5	ND	2	7	1	2	5	148	.10	.029	3	37	.13	18	.37	2	3.77	.01	.01	1	5
L41+00E 2+00S	1	22	25	27	.2	2	2	213	4.65	6	5	ND	1	11	1	2	5	99	.17	.035	4	16	.08	31	.11	4	1.54	.01	.03	1	1
L41+00E 2+25S	3	38	25	32	.1	4	3	85	6.53	13	5	ND	1	7	1	2	4	132	.12	.034	4	46	.13	19	.35	2	5.23	.01	.01	1	10
L41+00E 2+50S	3	35	38	47	.3	6	9	94	1.90	10	5	ND	2	6	1	3	3	51	.12	.070	6	28	.13	23	.16	8	8.22	.01	.01	1	2
L41+00E 2+75S	1	11	8	14	.1	2	2	81	4.02	6	5	ND	1	8	1	2	6	207	.06	.015	2	13	.03	23	.24	4	.27	.01	.01	1	2
L41+00E 3+00S	1	9	7	35	.1	1	1	36	4.51	10	5	ND	1	14	1	2	5	121	.09	.016	2	9	.05	45	.28	2	.43	.01	.01	1	7
L41+00E 3+25S	4	9	24	49	1.8	2	1	28	4.01	34	5	ND	1	5	1	2	5	96	.05	.060	2	12	.02	10	.17	2	1.25	.01	.03	1	3
L41+00E 3+50S	5	12	2	17	.1	1	1	10	2.41	48	5	ND	1	10	1	2	2	97	.06	.020	2	2	.04	9	.01	2	.22	.01	.01	1	1
L41+00E 3+75S	1	16	227	15	.1	3	1	47	6.93	175	5	ND	1	5	1	13	4	126	.09	.025	2	21	.07	66	.37	2	.53	.01	.01	1	5
L41+00E 4+00S	1	42	12	33	.2	8	4	106	7.67	13	5	ND	2	6	1	2	4	182	.12	.027	3	53	.11	13	.34	2	4.64	.01	.01	1	4
L41+00E 4+25S	1	13	21	20	.1	3	1	56	.77	2	5	ND	1	11	1	2	2	68	.18	.016	3	20	.07	20	.31	2	1.28	.01	.02	1	6
L41+00E 4+50S	1	3	2	12	.1	1	1	21	.44	2	5	ND	1	21	1	2	2	25	.10	.008	2	4	.04	28	.01	3	.48	.01	.03	1	3
L41+00E 5+00S	1	10	5	15	.1	4	2	89	3.52	3	5	ND	1	7	1	2	5	158	.07	.011	2	19	.07	16	.24	3	.68	.01	.01	1	3
L41+00E 5+25S	1	5	2	92	.1	3	1	36	.37	2	5	ND	1	31	1	2	2	8	.31	.098	5	4	.07	62	.02	8	.67	.01	.03	1	9
STANDARD C/AU-S	18	60	36	137	6.7	66	31	1103	4.25	37	20	7	38	50	18	15	22	58	.50	.097	39	54	.91	183	.08	37	1.96	.06	.13	13	45

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
L41+00E 5+50S	1	45	13	55	.1	16	5	169	1.32	5	5	ND	1	20	1	2	3	63	.41	.064	7	37	.43	59	.30	2	2.84	.01	.02	1	4
L41+00E 6+00S	1	6	3	104	.1	3	2	41	.30	2	5	ND	1	8	1	4	2	5	.06	.065	2	4	.09	36	.01	4	.72	.01	.02	1	1
L41+00E 6+25S	1	12	6	116	.2	6	1	24	.15	2	5	ND	1	16	1	3	2	2	.14	.088	5	4	.04	33	.01	5	1.54	.01	.01	1	1
L41+00E 6+50S	1	10	10	20	.3	3	2	75	6.03	4	5	ND	1	9	1	2	3	254	.11	.015	2	16	.08	13	.49	3	1.09	.01	.01	1	1
L41+00E 6+75S	1	30	11	23	.2	7	3	97	6.00	10	6	ND	1	8	1	2	3	162	.12	.031	2	34	.12	14	.35	3	2.54	.01	.01	1	6
L41+00E 7+00S	1	52	15	56	.2	8	5	132	7.50	13	5	ND	1	6	1	2	2	174	.11	.035	3	50	.16	14	.30	2	4.33	.01	.01	1	7
L41+00E 7+25S	1	28	7	49	.2	10	4	128	5.50	11	5	ND	1	9	1	2	4	123	.14	.040	2	26	.18	15	.20	3	1.88	.01	.02	1	4
L41+00E 7+50S	1	24	12	29	.1	6	3	133	5.57	11	5	ND	1	12	1	2	5	155	.14	.035	2	20	.13	17	.30	4	1.16	.01	.01	2	2
L41+00E 7+75S	1	36	14	32	.1	8	6	389	5.90	7	5	ND	1	7	1	2	2	127	.12	.046	4	31	.17	20	.22	2	3.85	.01	.01	1	3
L41+00E 8+00S	1	17	11	27	.3	5	4	797	5.51	7	5	ND	1	6	1	2	3	154	.13	.034	3	25	.11	18	.24	2	1.80	.01	.01	1	6
L41+00E 8+25S	1	51	21	68	.1	12	12	501	6.43	12	5	ND	1	6	1	2	5	111	.12	.087	9	42	.32	22	.19	4	6.52	.01	.01	1	4
L41+00E 8+50S	1	41	11	43	.1	12	8	315	5.32	10	5	ND	1	8	1	2	2	112	.14	.046	4	34	.23	20	.23	2	3.69	.01	.02	1	9
L41+00E 8+75S	1	41	15	40	.1	11	6	191	6.30	8	5	ND	1	9	1	2	2	141	.16	.028	4	34	.24	31	.24	2	3.23	.01	.01	1	4
L41+00E 9+00S	1	55	17	53	.1	20	11	261	6.73	12	5	ND	1	11	1	2	2	149	.21	.035	5	50	.43	56	.27	2	5.06	.01	.02	1	1
L41+00E 9+25S	1	37	9	44	.1	10	6	260	5.93	7	5	ND	1	9	1	2	2	138	.15	.031	3	33	.24	41	.21	2	2.89	.01	.02	1	2
L41+00E 9+50S	1	63	12	66	.1	21	16	390	4.82	9	5	ND	1	10	1	2	2	111	.26	.035	8	39	.58	84	.24	2	4.30	.01	.02	1	4
L41+00E 9+75S	1	14	8	30	.1	10	23	1508	2.47	2	5	ND	1	17	1	2	2	99	.31	.031	8	25	.29	65	.14	2	2.11	.01	.02	1	1
L41+00E 10+00S	1	21	8	27	.1	8	5	410	.73	2	5	ND	1	20	1	2	2	31	.37	.041	12	26	.29	59	.07	2	2.01	.01	.02	1	2
STANDARD C/AU-S	18	58	40	130	6.8	67	31	1048	4.05	37	19	7	37	49	18	15	18	59	.50	.097	39	55	.91	175	.08	36	1.98	.06	.13	12	54

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. PROJECT WAN-90 File # 90-0816

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: ROD HUSBAND

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
HOL-001	3	46	19	64	.5	2	8	572	3.69	23	5	ND	1	137	1	3	2	67	3.83	.052	3	11	1.39	13	.09	3	6.85	.03	.09	1	5
HOL-002	1	20	10	52	.1	2	9	450	4.26	12	5	ND	1	118	1	3	2	77	3.04	.060	3	10	1.38	25	.10	2	5.85	.02	.08	1	1
HOL-003	13	32	14	101	.1	3	4	538	4.34	21	5	ND	2	56	1	2	2	73	.88	.054	4	8	1.26	25	.15	2	2.36	.03	.07	1	2
HOL-004	16	13	18	42	.3	4	6	534	3.66	36	5	ND	1	76	1	2	2	70	2.09	.045	4	11	1.18	13	.12	3	4.34	.02	.10	1	9
HOL-005	5	33	9	12	.2	14	18	178	5.89	15	5	ND	1	16	1	2	2	53	.39	.081	11	13	1.68	32	.01	2	2.63	.01	.14	1	20
HOL-006	2	22	10	34	.2	8	10	357	3.43	79	5	ND	1	85	1	2	2	53	2.80	.041	3	18	.99	17	.07	2	4.69	.01	.11	1	56
HOL-007	15	834	139	3379	1.3	3	3	339	1.87	4	5	ND	1	130	11	2	2	29	5.16	.034	2	10	.54	14	.06	2	7.49	.01	.08	1	4
HOL-008	80	4649	1222	26414	2.6	3	4	279	1.07	5	5	ND	1	51	86	2	12	7	13.94	.004	5	3	.13	3	.01	2	2.13	.01	.04	3	7
HOL-009	24	8602	1444	4517	518.1	14	7	599	2.52	5	5	ND	1	43	26	2	18	14	1.18	.019	4	8	.41	11	.04	4	1.70	.01	.05	1	3160
HOL-010	20	5990	256	1991	7.3	6	8	790	3.47	23	5	ND	1	47	10	2	12	24	.95	.018	5	7	.67	8	.04	4	1.78	.01	.06	1	26
HOL-011	1	82	12	61	.7	8	10	427	3.92	60	5	ND	1	99	1	2	2	58	3.19	.054	5	15	1.39	21	.04	2	6.30	.01	.12	1	10
HOL-016	2	155	6	17	.1	21	5	120	.97	2	5	ND	1	41	1	2	2	49	2.79	.037	2	22	.23	3	.64	10	.75	.01	.01	1	7
HOL-017	3	22	4	3	.1	7	2	30	4.08	6	5	ND	1	12	1	2	2	24	.02	.005	2	3	.01	18	.01	2	.20	.01	.01	1	1
HOL-018	1	21	19	24	.6	4	6	241	3.53	11	5	ND	1	113	1	2	2	42	3.19	.045	4	11	.74	18	.10	2	5.30	.01	.13	1	17
HOL-019	14	10	6	3	.1	4	5	121	5.79	3	5	ND	1	3	1	2	2	32	.05	.086	9	4	.44	19	.01	2	.70	.01	.13	1	3
HOL-020	1	35	7	67	.1	12	9	1122	4.49	2	5	ND	1	18	1	2	2	120	.36	.046	5	14	1.92	38	.15	2	2.38	.05	.04	1	1
P 90002	2	32	19	66	.4	25	31	1187	6.55	2	5	ND	1	26	1	2	2	48	2.87	.150	8	23	1.77	27	.06	2	1.79	.02	.02	1	1
STD C/AU-R	18	58	37	130	7.1	69	30	941	3.87	37	19	7	36	47	19	16	21	57	.47	.097	36	57	.86	174	.08	34	1.82	.06	.14	13	530

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 2 1990 **DATE REPORT MAILED:** April 5/90. **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

P90-001-003 not assayed yet Dave 11/5/90

✓ ASSAY RECOMMENDED

ACME ANA[illegible]ICAL LABORATORIES LTD. 852 E. HASTINGS ST. V[illegible]OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX([illegible])253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. File # 90-0881

1030 - 609 Granville St., Vancouver BC V7Y 1G5

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
D 38301	2	36	9	57	.2	7	11	346	3.89	13	5	ND	2	115	1	2	2	105	5.30	.059	8	19	.86	19	.18	2	5.21	.08	.06	1
D 38302	2	75	28	90	.3	7	14	619	4.30	6	5	ND	2	83	1	2	2	73	1.45	.062	5	20	1.48	23	.12	2	3.17	.05	.07	1
D 38303	1	333	2	53	.5	5	8	716	3.16	16	5	ND	1	98	1	3	2	56	11.34	.042	5	15	.98	6	.09	2	4.14	.04	.06	1
D 38304	3	67	2	55	.1	8	11	510	3.08	5	5	ND	3	59	1	2	3	55	.98	.066	9	16	.86	43	.17	3	1.63	.08	.09	2
D 38305	4	12	8	15	1.0	10	19	156	15.33	4	5	ND	1	45	1	2	2	19	1.26	.029	2	18	.31	20	.08	4	2.22	.01	.15	1
D 38310	2	6	2	1	.1	6	1	104	1.47	23	5	ND	1	2	1	2	2	2	.44	.008	2	4	.01	1	.01	12	.06	.01	.01	1
STD C	18	65	37	139	7.3	70	32	1016	4.17	42	21	6	40	52	20	15	22	61	.49	.100	40	55	.89	193	.08	38	1.98	.06	.13	13

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK

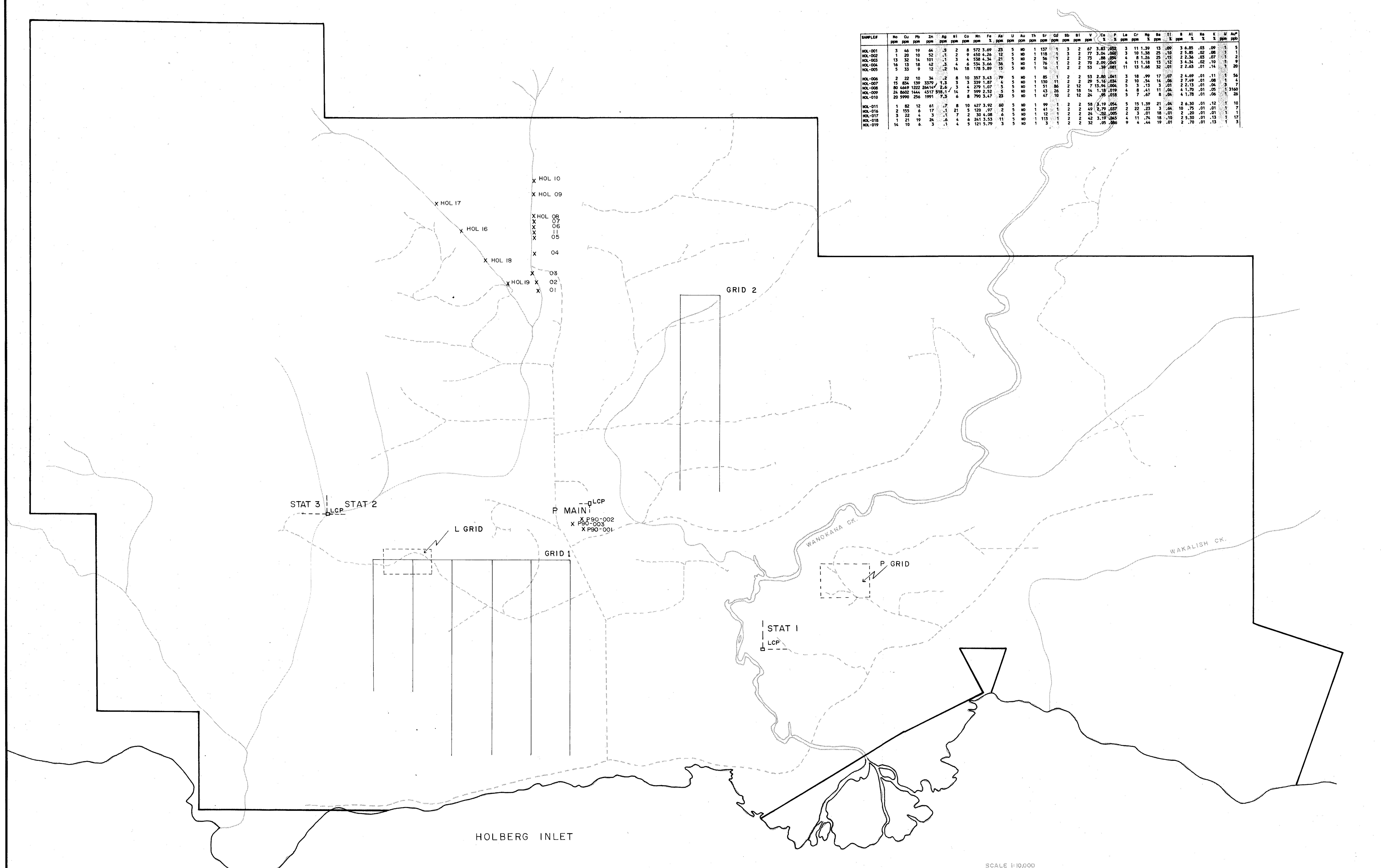
DATE RECEIVED: APR 9 1990 **DATE REPORT MAILED:** April 10/90 . **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

STATISTICALLY ANOMALOUS SOIL GEOCHEMISTRY VALUES

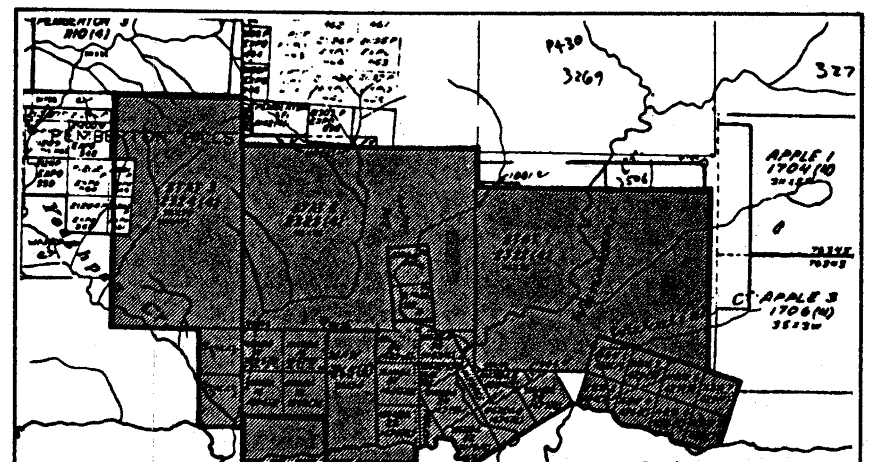
NORTHERN VANCOUVER ISLAND AREA

(ASSESSMENT REPORT #2190)

		Background Population			Anomalous Population		
Geology	Metal	x	x+s	x+2s	x	x+s	x+2s
Karmutsen Volcanics	Cu	14.5	68	112	189	318	522
	Mo	-	-	-	.11	0.8	5.6
	Zn	15.1	42	74	136	250	450
Quatsino Limestone	Cu	18.5	109	155	220	315	445
	Mo	-	-	-	1.3	5.0	19.5
	Zn	24	90	140	220	345	535
Bonanza Volcanics	Cu	7.4	25	35	48	69	96
	Mo	0.23	3.3	4.8	7.15	10.5	15.5
	Zn	13.8	44	61	85.5	120	165
Altered Rocks	Cu	7.6	36	50	70	98	137
	Mo	0.22	3.35	5.9	10.4	18.7	33
	Zn	5.7	16.2	24.3	37	56	84
Intrusives	Cu	9.0	31	40	52	68	87
	Mo	0.24	3.7	6.2	10.5	17.8	30
	Zn	-	-	-	24	43	71



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
HOL-001	3	46	19	64	.5	2	8	572	3.69	23	5	ND	1	137	1	3	2	67	3.83	.052	3	11	1.39	13	.09	3	6.85	.03	.09	1	5
HOL-002	1	20	10	52	.1	2	9	450	4.26	12	5	ND	1	118	1	3	2	77	3.04	.060	3	10	1.38	25	.10	2	5.85	.02	.08	1	1
HOL-003	13	32	14	101	.1	3	4	538	4.34	21	5	ND	2	56	1	2	2	73	.88	.054	4	8	1.26	25	.15	2	2.36	.03	.07	1	2
HOL-004	16	13	18	42	.3	4	6	534	3.66	36	5	ND	1	76	1	2	2	70	2.09	.045	4	11	1.18	13	.12	3	4.34	.02	.10	1	9
HOL-005	5	33	9	12	.2	14	18	178	5.89	15	5	ND	1	16	1	2	2	53	.39	.081	11	13	1.68	32	.01	2	2.63	.01	.14	1	20
HOL-006	2	22	10	34	.2	8	10	357	3.43	79	5	ND	1	85	1	2	2	53	2.80	.041	3	18	.99	17	.07	2	4.69	.01	.11	1	56
HOL-007	15	834	139	3379	1.3	3	3	339	1.87	4	5	ND	1	130	11	2	2	29	5.16	.034	2	10	.54	14	.06	2	7.49	.01	.08	1	4
HOL-008	80	4649	1222	26414	2.6	3	4	279	1.07	5	5	ND	1	51	86	2	12	7	13.94	.004	5	3	.13	3	.01	2	2.13	.01	.04	3	7
HOL-009	24	8602	1444	4517	518.1	14	7	599	2.52	5	5	ND	1	43	26	2	18	14	1.18	.019	4	8	.41	11	.04	4	1.70	.01	.05	1	3160
HOL-010	20	5990	256	1991	7.3	6	8	790	3.47	23	5	ND	1	47	10	2	12	24	.95	.018	5	7	.67	8	.04	4	1.78	.01	.06	1	26
HOL-011	1	82	12	61	.7	8	10	427	3.92	60	5	ND	1	99	1	2	2	58	3.19	.054	5	15	1.39	21	.04	2	6.30	.01	.12	1	10
HOL-016	2	155	6	17	.1	21	5	120	.97	2	5	ND	1	41	1	2	2	49	2.79	.037	2	22	.23	3	.64	10	.75	.01	.01	1	7
HOL-017	3	22	4	3	.1	7	2	30	4.08	6	5	ND	1	12	1	2	2	24	.02	.005	2	3	.01	18	.01	2	.20	.01	.01	1	1
HOL-018	1	21	19	24	.6	4	6	241	3.53	11	5	ND	1	113	1	2	2	42	3.19	.045	4	11	.74	18	.10	2	5.30	.01	.13	1	17
HOL-019	14	10	6	3	.1	4	5	121	5.79	3	5	ND	1	3	1	2	2	32	.05	.086	9	4	.44	19	.01	2	.70	.01	.13	1	3



Claim locations on property

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,023

LEGEND

Claim Outline

Road

Creek

x Sample Location

L GRID SHOWS 1987 SAMPLES

Note: Claim post and boundary locations established by topography & Western Forest Products Road Maps.

Note: Geochemistry results for grids are:
GRID 1 - See fig's 6a,b
GRID 2 - " " 7a,b
GRID P - " " 8a,b
GRID L - " " 9a,b

ACHERON RESOURCES LTD.

WAN PROPERTY

Northern Vancouver Island

GRID & SAMPLE LOCATION MAP

DAIWAN ENGINEERING LTD.

SCALE	DATE	NTS.	FIG.
1:10,000	April, '90	92L/12	5