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

GEOCHEMICAL, GEOPHYSICAL AND GEOLOGICAL

ASSESSMENT REPORT

ON THE

HOLBERG INLET PROPERTY

NANAIMO MINING DIVISION

BRITISH COLUMBIA

N.T.S.: 92L\12

Latitude: 50° 42' N
Longitude: 127° 47' W

For

CAMECO CORPORATION

2121 - 11th Street West
Saskatoon, Saskatchewan
Canada, S7M 1J3

By

Gordon Allen, B.Sc., P.Geol.
Peter G. Dasler, M.Sc.

June 14, 1991

21,210

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SUMMARY

The Holberg Inlet property is located on northern Vancouver Island, British Columbia. A number of zinc, lead, gold, silver and copper showings occur on the claims. Between April 26 and June 1, 1991, Daiwan Engineering Ltd. conducted an exploration program on the Holberg Inlet property on behalf of Cameco Corporation. The target of the program was to locate a large gold-bearing skarn deposit. Work included geological mapping, soil sampling, stream sediment (dredge) sampling, rock sampling, and magnetic/VLF-EM surveys. This program was designed to put the various showings on the property into geological context and to systematically test for gold mineralization.

The property is underlain by a conformable sequence of generally east-west striking, moderately south-dipping basalt flows of the Karmutsen Formation, limestone of the Quatsino Formation, siliceous siltstone of the Parson Bay Formation (collectively the Triassic Vancouver Group) and mafic to intermediate volcaniclastics of the Jurassic Bonanza Group. This sequence has been intruded by several phases of dykes, sills and stocks, and later cut by a complex series of faults.

The most significant mineralization on the property occurs within the 150 to 300 m thick Quatsino Formation limestone. This mineralization is of two main types:

A. Between 83+00W and 93+00W, the limestone is sporadically skarn altered and marblized, and commonly contains greater than 3% zinc. Gold values, however, are consistently low.

B. Massive sulphide lenses with significant amounts of gold occur in limestone adjacent to felsic to mafic dykes and sills in the Mead Creek and Dorlon areas. The present showings appear to have little chance of making much tonnage.

A whole rock geochemistry survey was conducted to determine if intrusive rocks could be differentiated on the basis of lithogeochemistry and if so, to identify which intrusives were spatially and possibly genetically related to gold-bearing mineralization. No correlation was found between mineralization and a specific type of intrusive.

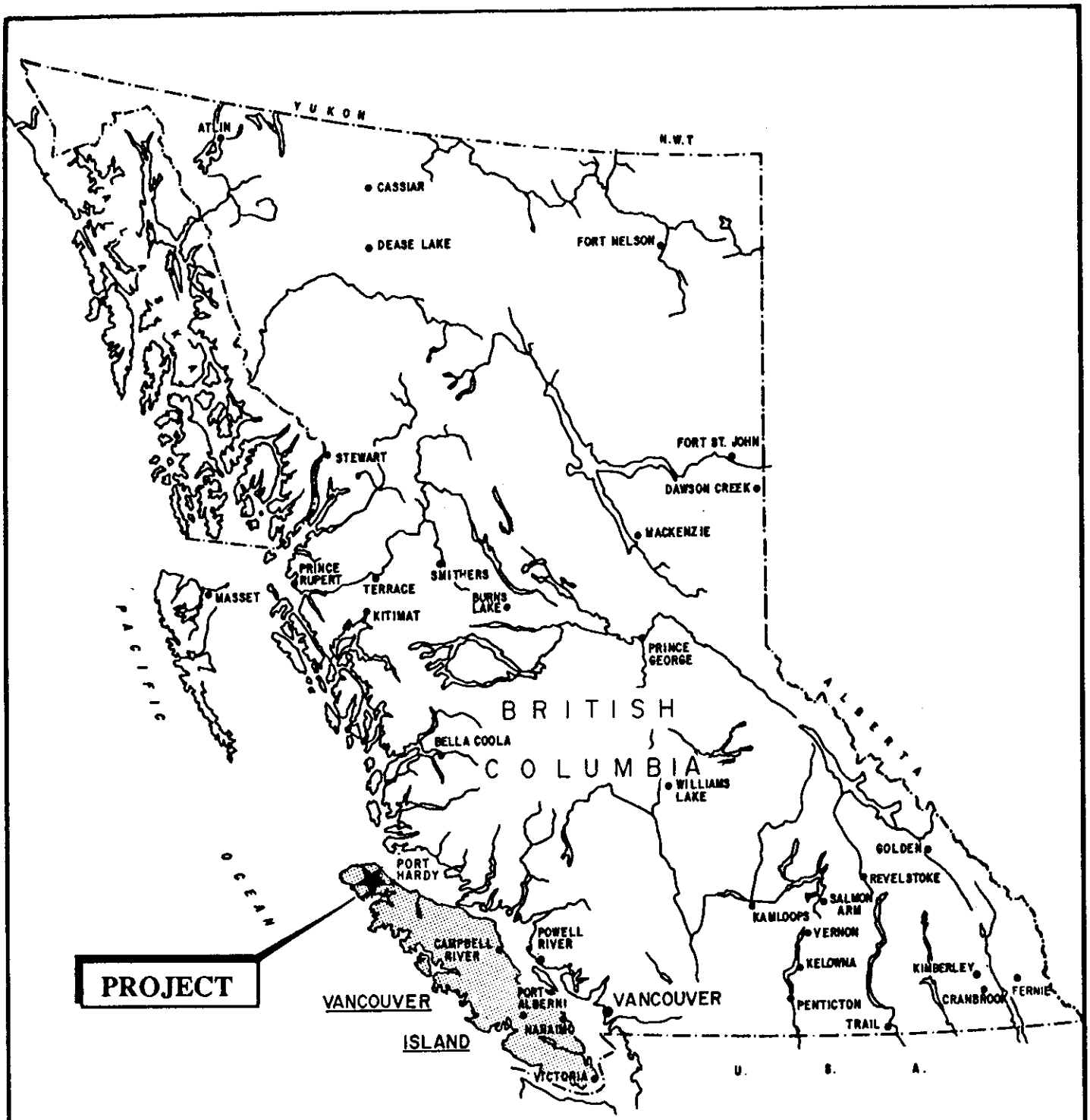
A total of 1541 soil samples were collected on 71.4 km of hip-chained-and-compassed flagged lines. The survey outlined the old showings and identified a few small zones with anomalous amounts of gold which may warrant follow up.

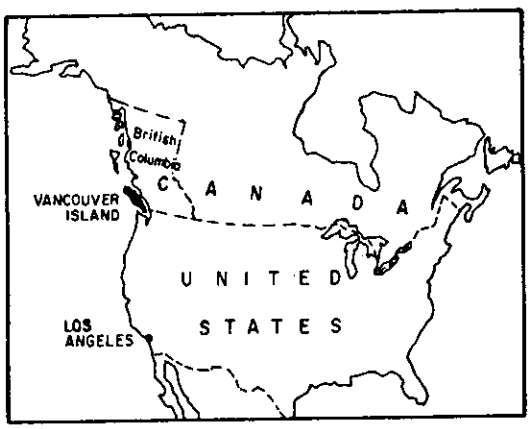
Magnetic and VLF-EM surveys were conducted over 70.2 km of line. The VLF-EM survey outlined several apparent conductors which are probably faults and numerous geological contacts. The magnetic survey was conducted in the hope of outlining broad zones of magnetite-bearing skarn or alteration zones. One such zone may occur north of the Dorlon showings. A few known small magnetite skarns were outlined and limits of magnetic units were defined. The survey was a useful mapping tool.

A total of 16 dredge (heavy mineral concentrate) samples was collected from streams on the property. None of the samples contained significant amounts of gold.

Geological data collected to date indicate that it is unlikely a large gold-bearing skarn deposit occurs on the property. The only area with any apparent potential (by virtue of lack of bedrock exposure) is in the low-lying area north of the gold-bearing Dorlon showings (roughly 10+00W to 24+00W). An anomalous magnetic feature occurs in this area. Geophysical (especially I.P.) and geochemical data for this area should be reviewed to determine if further work is warranted.

Expenditures on the property between April 20 and June 14, 1991 totalled $120,000.00.





Cameco
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HOLBERG INLET PROJECT
Northern Vancouver Island

LOCATION MAP

DAIWAN ENGINEERING LTD.

Scale: As Shown	Date: June '91	Fig.: 1

INTRODUCTION

At the request of Mr. Robert Chapman, Regional Geologist of Cameco Corporation, Daiwan Engineering Ltd. conducted an exploration program on the Dorlon Claim Group located near Port Hardy, British Columbia. This program consisted of geological mapping, geochemical rock sampling, magnetometer and VLF-EM surveys and geochemical soil sampling.

During the program, 1,541 soil samples and 152 rock samples were collected, magnetometer and VLF-EM surveys were performed over 70.2 line kilometres, and the property was mapped at 1:5000 scale. The cut and surveyed baseline totalled 9.7 km, and 7.0 km of tie lines were completed.

This report is a description of work completed on the property between April 20, 1991 and June 1, 1991, and was complied to be used for assessment purposes.

LOCATION AND ACCESS

The Dorlon property is centred approximately 21 km west of Port Hardy on northern Vancouver Island, British Columbia (Figure 1). This property consists of 25 contiguous claims totalling 120 claim units within N.T.S. map sheet 91L/12 (Figure 2).

The gravel road between Port Hardy and Holberg passes through the central part of the property. Logging roads branching out from this main road provide good access to most parts of the property.

TOPOGRAPHY AND VEGETATION

The westerly trending Nahwitti River valley occupies the eastern portion of the property area. This valley is bounded by westerly trending ridges which are cut by narrow creek gullies. Elevations range from approximately 300 m to 550 m a.s.l. The western portion of the property rises steeply from Nahwitti Lake to elevations of 730 metres.

The property is within an active logging area with forest cover ranging from mature fir, hemlock, spruce and cedar stands to dense second growth to open clear cut areas. The lower parts of the Nahwitti River and Kains Creek valleys are covered by thick brush and berry bushes. In areas of previous logging activity, traverses are difficult because of the dense secondary growth.

Rock outcrops are exposed within creek gullies and in logging road cuts. Thick accumulations of sand and gravel are present in valley bottoms. South of Nahwitti Lake, portions of the property are

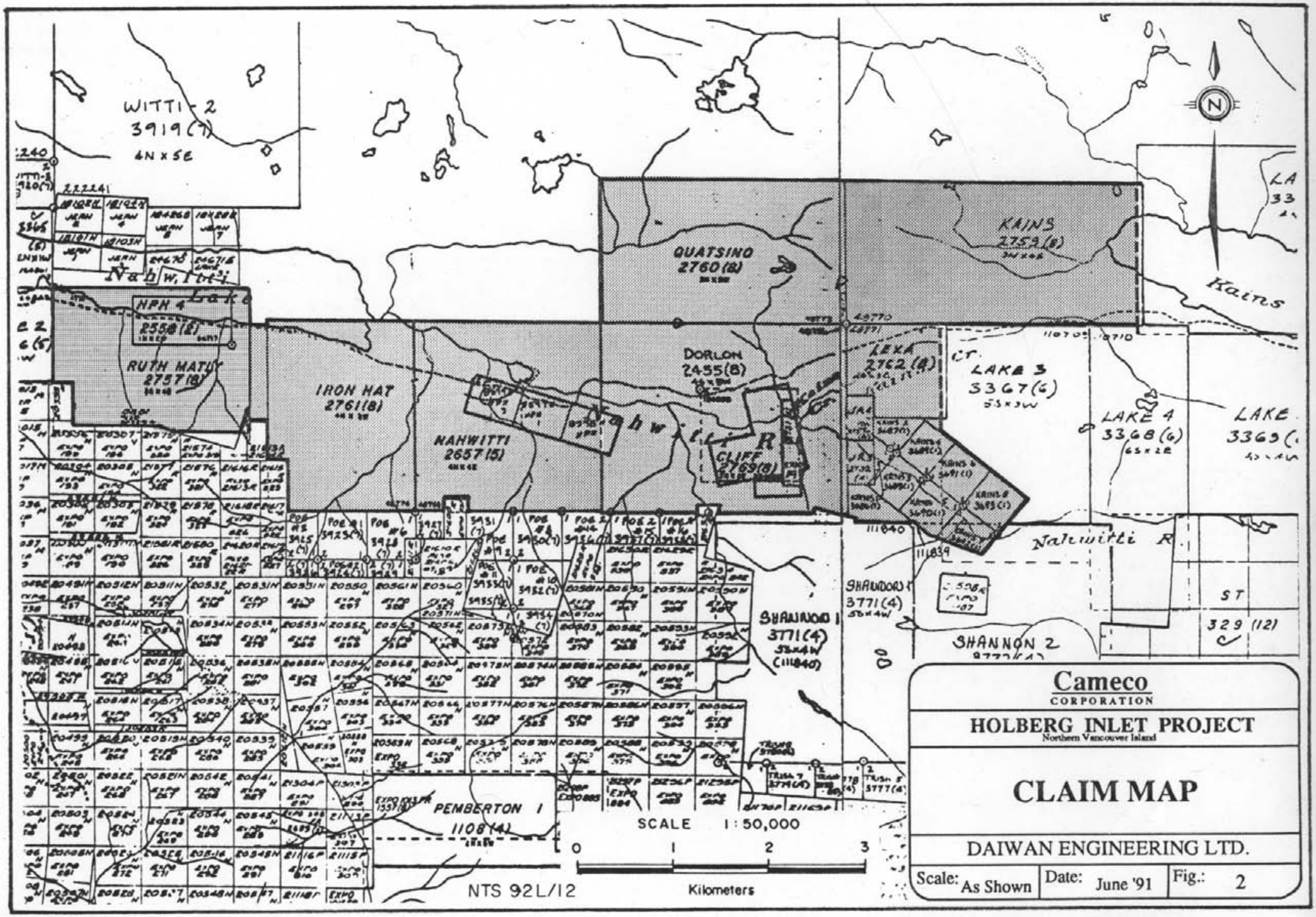
precipitous, especially in the vicinity of the limestone outcrops.

PROPERTY

The property consists of the following contiguous claims located in the Nanaimo Mining Division. The claims are depicted in Figure 2 and listed below:

Name	Record No.	Units	Expiry	Recorded Owner
Dorlon	2455	20	August 13, 1991	Lexa Scott
Iron Hat	2761	12	August 17, 1991	James Scott
Kains	2759	18	August 17, 1991	Lexa Scott
Lexa	2762	4	August 17, 1991	" "
Quatsino	2760	15	August 17, 1991	" "
HPH 1	8597	1	July 4, 1998	Hisway Res. Corp.
HPH 2	8598	1	July 4, 1998	" "
HPH 3	8599	1	July 4, 1998	" "
HPH 4	2558	2	February 19, 1992	" "
Nahwitti	2657	16	May 6, 1992	Lexa Scott
Cliff	2769	4	August 19, 1992	Hisway Res Corp.
JLJ 1	2730	1	April 29, 1992	" "
JLJ 2	2731	1	April 29, 1992	" "
JLJ 3	2732	1	April 29, 1992	" "
JLJ 4	2733	1	April 29, 1992	" "
Iron Fraction #1	4158	1	April 13, 1992	L. Allen
Iron Fraction #2	4159	1	April 13, 1992	" "
Ruth Mary	2757	12	August 17, 1991	Hisway Res. Corp.
Kains 1	3686	1	January 20, 1992	C. Von Einsiedel
Kains 2	3687	1	"	" "
Kains 3	3688	1	"	" "
Kains 4	3689	1	"	" "
Kains 5	3690	1	January 22, 1992	" "
Kains 6	3691	1	"	" "
Kains 7	3692	1	"	" "
Kains 8	3693	1	"	" "
	Total	120		

The above claims are optioned by Hisway Resources Corporation to Cameco Corporation. The expiry dates shown are the current date, and do not show credit for this assessment report.



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HOLBERG INLET PROJECT
Northern Vancouver Island

CLAIM MAP

DAIWAN ENGINEERING LTD.

Scale: As Shown	Date: June '91	Fig.: 2

HISTORY

A lead-zinc occurrence was discovered by M. Hepler, F.K. Hicklenton and S.S. Pugh during 1930 about three km east of Nahwitti Lake. Two shafts, an adit and trenches were excavated on this occurrence during 1930 (Christopher, 1988). This is the original HPH showing.

Intermittent mineral exploration since 1930 has included prospecting, geological mapping, geochemical soil sampling, magnetometer surveys, induced polarization surveys, an airborne electromagnetic survey and also the completion of more than 40 diamond drill holes. Numerous showings and 15 named mineral occurrences have been located as a result of this work.

Christopher (1988), Greene and Einsiedel (1990) and Oakley (1990), have outlined the exploration history of the Dorlon property in some detail.

Hisway Resources Ltd. optioned the property, and completed preliminary exploration in 1988 and 1989. Further claims were staked in this period to protect the land holdings, and to cover additional showings. Cameco Corporation optioned the property from Hisway Resources Ltd. in April 1991.

REGIONAL GEOLOGY

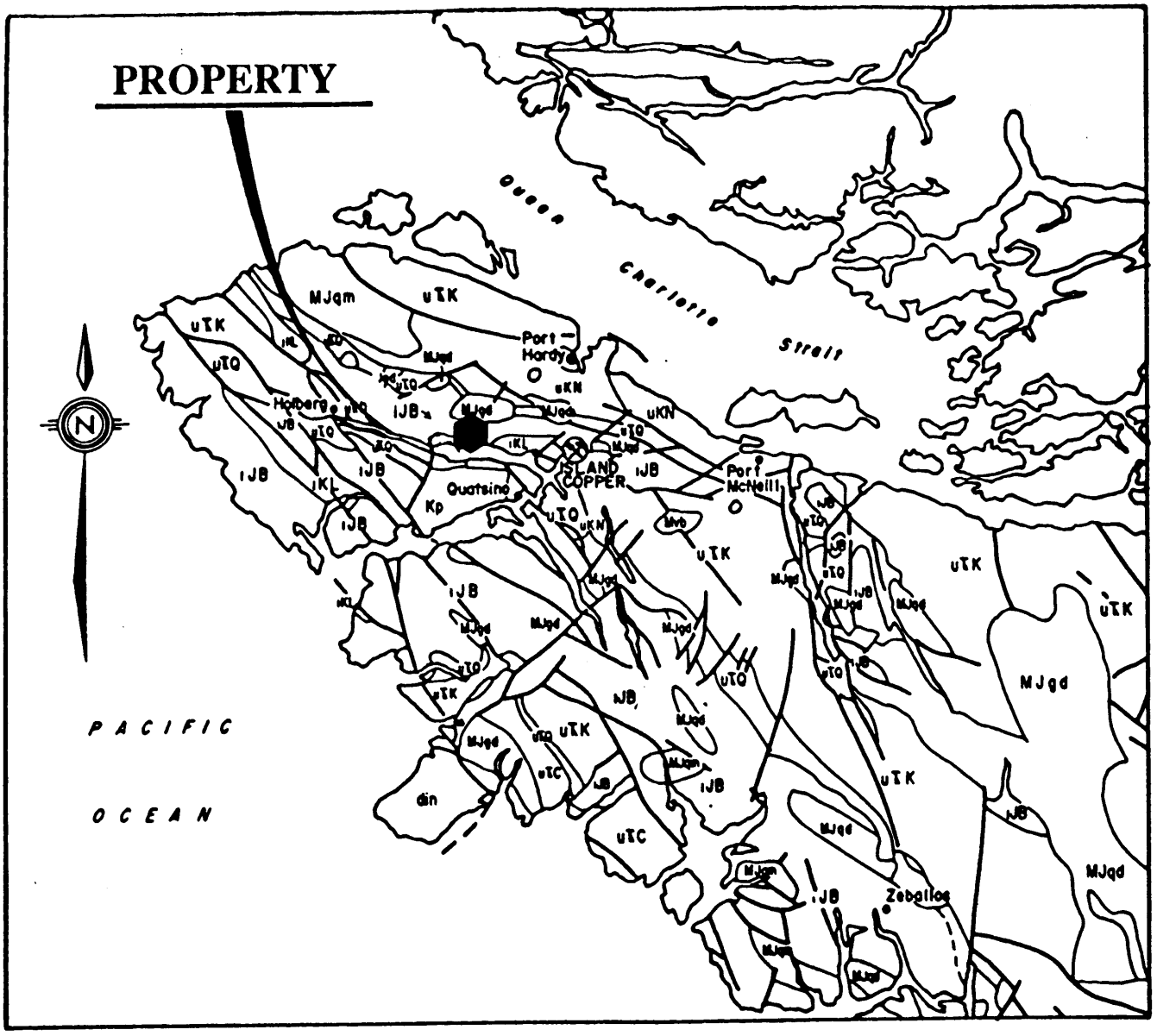
Vancouver Island, north of Holberg and Rupert inlets, is underlain by rocks of the Vancouver Group. These rocks range in age from Upper Triassic to Lower Jurassic. They are intruded by rocks of Jurassic and Tertiary age and disconformably overlain by Cretaceous sedimentary rocks. Figure 3 shows the regional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

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

The Vancouver Group is described as follows:

Karmutsen Formation: Upper Triassic Age

Karmutsen Formation consists of 3,000-6,000 metres (10-20,000 ft.) 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 ft.) thick.



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
- iKL 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

SCALE

0 25 50

kilometers

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HOLBERG INLET PROJECT
Northern Vancouver Island

REGIONAL GEOLOGY

DAIWAN ENGINEERING LTD.

Scale: As Shown	Date: June '91	Fig.: 3

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 stratigraphy 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 is generally discrete 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, prehenite, chlorite, and quartz.

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

Quatsino Formation: Upper Triassic Age

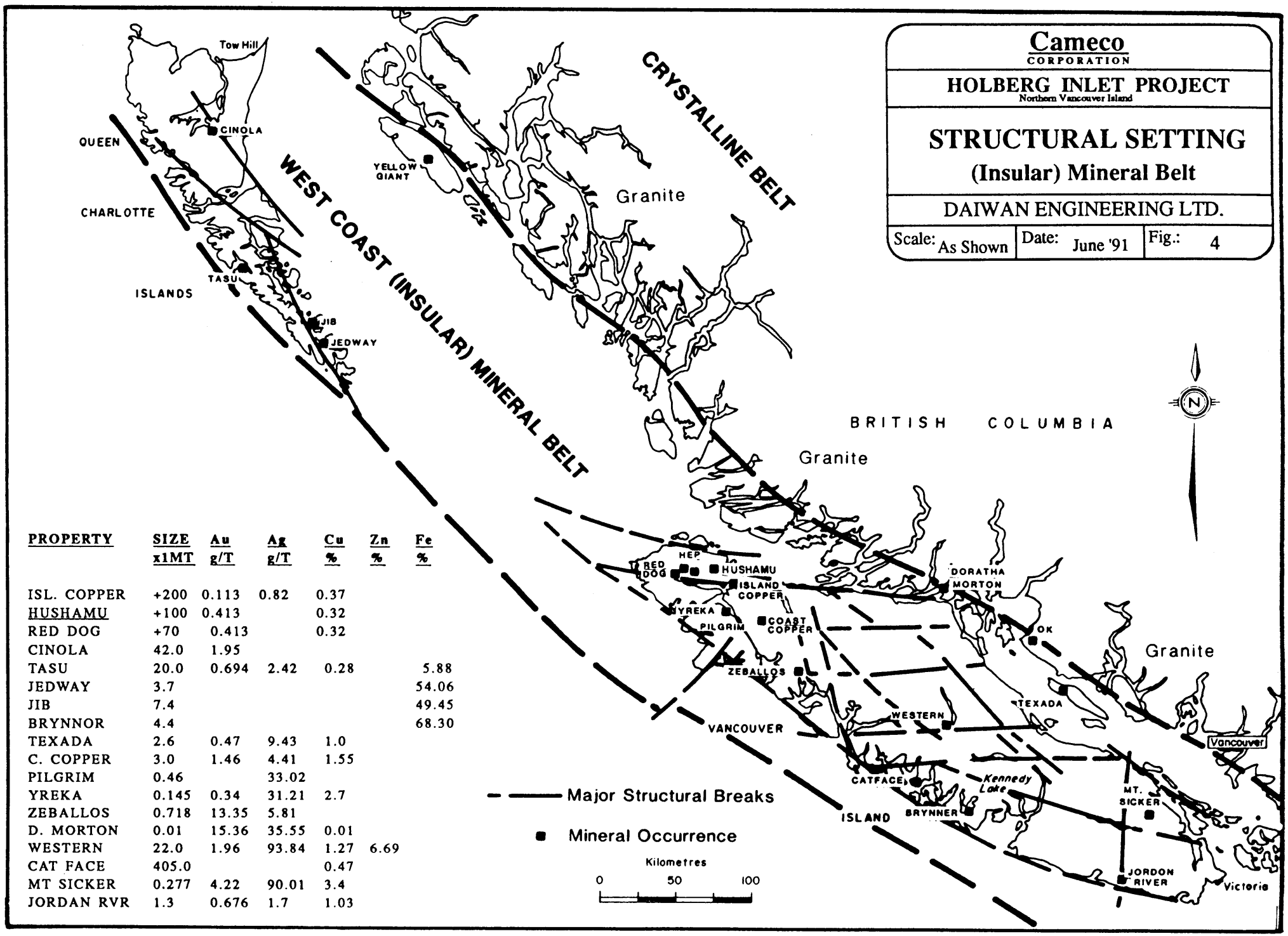
The Quatsino Formation ranges from 60-1,000 metres (2,000-3,500 ft.) in thickness and consists almost entirely of limestone with a few thin andesite or basalt flows. It has conformable contacts with both the overlying Parson Bay sediments and the underlying Karmutsen Formation volcanics. The upper contact with the Parson 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.

Parson Bay Formation: Upper Triassic Age

The Parson Bay Formation consists of between 60-360 metres (200-1,200 ft.) 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.



PROPERTY	SIZE x1MT	Au g/T	Ag g/T	Cu %	Zn %	Fe %
ISL. COPPER	+200	0.113	0.82	0.37		
HUSHAMU	+100	0.413		0.32		
RED DOG	+70	0.413		0.32		
CINOLA	42.0	1.95				
TASU	20.0	0.694	2.42	0.28		5.88
JEDWAY	3.7					54.06
JIB	7.4					49.45
BRYNNOR	4.4					68.30
TEXADA	2.6	0.47	9.43	1.0		
C. COPPER	3.0	1.46	4.41	1.55		
PILGRIM	0.46		33.02			
YREKA	0.145	0.34	31.21	2.7		
ZEBALLOS	0.718	13.35	5.81			
D. MORTON	0.01	15.36	35.55	0.01		
WESTERN	22.0	1.96	93.84	1.27	6.69	
CAT FACE	405.0			0.47		
MT SICKER	0.277	4.22	90.01	3.4		
JORDAN RVR	1.3	0.676	1.7	1.03		

Harbledown Formation: Lower Jurassic Age

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

Bonanza Formation: Lower Jurassic Age

The Bonanza Formation is approximately 1,500 metres (8,500 ft.) thick. The lower portion consists of bedded and massive tuffs, formational breccias and are 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 a 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 Formation 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 hornfelsed occur adjacent to stocks which intrude the Bonanza Formation.

"Pyrobitumen", a black hydrocarbon erratically distributed within the Bonanza rocks, generally occurs as fracture filling 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 ft.) thick in the Port Hardy area. The Longarm Formation consists of conglomerate, sandstone, greywacke, siltstone and some carbonaceous and impure coal seams; these sediments 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 extends from the east end of Rupert Inlet to the mouth of Stranby River on the north coast of Vancouver Island.

Quartz-feldspar porphyry dykes 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 and mineralized Bonanza Formation wallrocks. The porphyries, too, are cut by siliceous veins, pyritized, extensively altered, and are mineralized with copper where they have been brecciated. The quartz-feldspar porphyries are thought to be differentiates of middle Jurassic felsic intrusive rocks.

Structure

The rocks north of Holberg and Rupert inlets are folded into shallow synclines with northwesterly fold axes. 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 faults as indicated by the proximity of the Dawson and Stranby River faults to the Quatsino Formation limestone. 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 (Figure 3). 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 along Rupert and Holberg inlets. Near the west end of Holberg Inlet this fault splits, with the main branch following Holberg Inlet and the other branch passing through the west side of the Stranby River valley. Another northwesterly system passes through William Lake and still another smaller system passes through Nahwitti Lake.

Northeasterly trending faults comprise a subordinate fault system. In some cases, apparent lateral displacement in the order of 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 and interpretation of the government airborne magnetometer data has provided a clear understanding of the relationship of secondary conjugate sets of northeast and northwesterly faults related to the major west-northwest trending breaks. These conjugate faults sets appear to relate directly to the significant metal occurrences at the Island Copper, Hushamu, Hep and Red Dog copper/gold deposits.

Generally, regional dip of the bedding is gentle to moderate southwesterly. In the area west of Holberg dips are locally much steeper 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 Formation Bedding is generally inconspicuous in massive beds of Karmutsen, Quatsino and Bonanza formation 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:

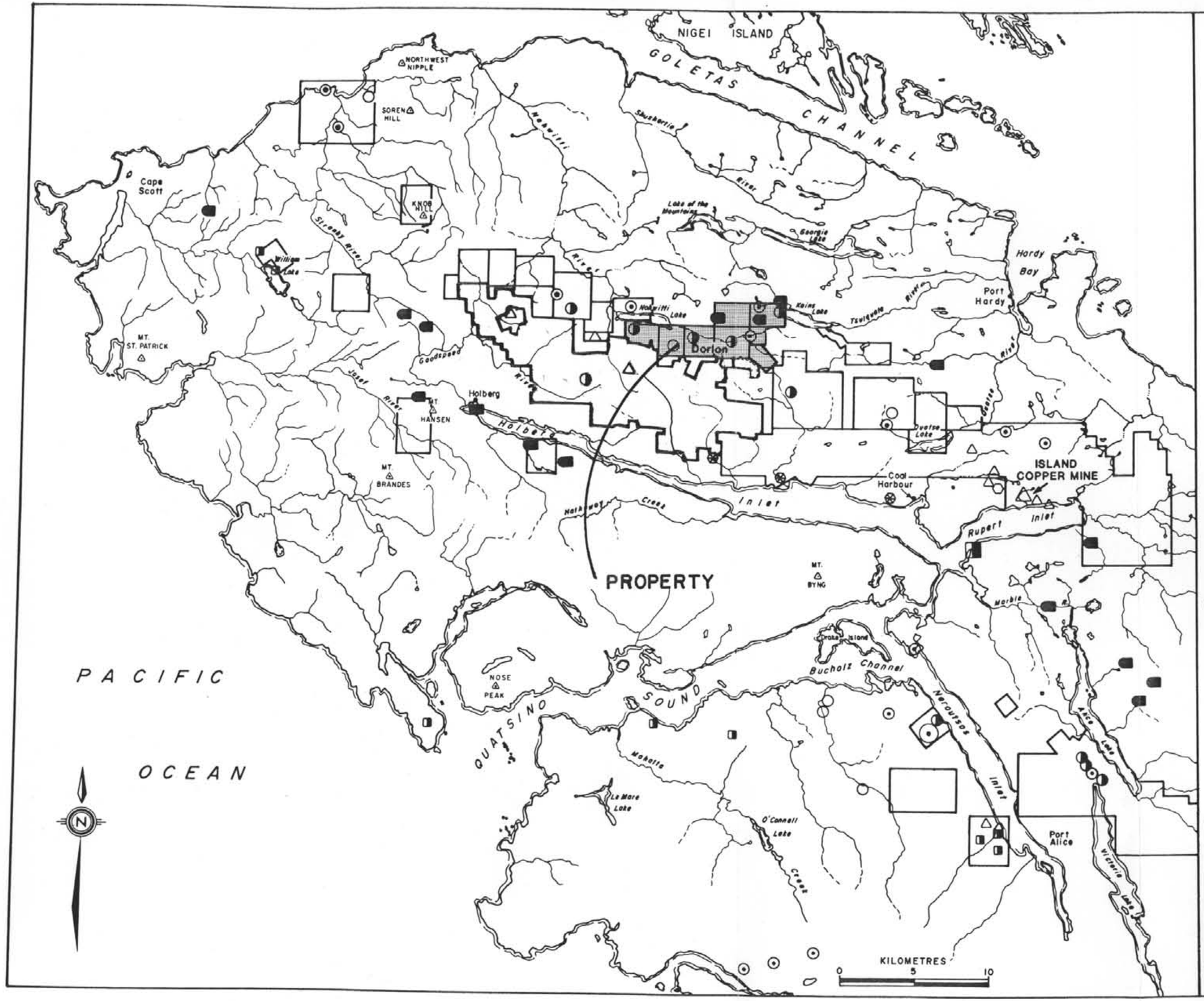
1. Skarn deposits: copper-iron and lead-zinc skarns,
2. Copper in basic volcanic rocks (Karmutsen): in amygdules, fractures, small shears and quartz-carbonate veins, with no apparent relationship to intrusive activity,
3. Veins: with gold and/or base metal sulphides, reacted to intrusive rocks,
4. Porphyry copper deposits: largely in the country rock surrounding or enveloping granitic rocks and their porphyritic phases.

Four significant discoveries on ground near the Holberg Inlet illustrate the copper mineralization in the area:

The Hep occurrence west of the Holberg Inlet, contains an estimated 43,350 tonnes grading 0.80% copper at the intersection of two shear zones. The Hep claims are underlain by andesites and tuffs of the Bonanza Formation which are intruded by quartz monzonite. Prophyllitic alteration is most common, but argillic and siliceous alteration occurs along fractures and adjacent to the volcanic-intrusive contacts. Pyrite with chalcopyrite and lesser bornite occurs along fractures and as fine disseminations within the andesite.

The Hushamu deposit 2.5 kilometres west of the property is a zone of copper-molybdenum mineralization in the Bonanza volcanics estimated to contain over 107 million tons grading 0.30% Cu, 0.010% Mo and 010 opt Au.

The Red Dog deposit is located five kilometres west of the property. Tuffs and tuff breccia of the Bonanza Formation are intruded by diorite, quartz diorite and quartz-feldspar porphyry of the Island Intrusions. The tuffs have been altered to hornblende biotite hornfels in contact zones with silicification and hydrothermal alteration in shear zones. Chalcopyrite occurs as fine grained disseminations in the hornfels and in association with magnetite in siliceous breccia.



LEGEND

- Bog Iron
- Potassium-alumina
- Porphyry copper
- Gold quartz veins
- Copper-bearing veins
- Lead-zinc skarn or replacement in limestone
- Copper skarn
- Iron skarn
- Copper in volcanics
- Mineral occurrence
- Properties recording production

(Data from British Columbia Department of Mines and Petroleum Resources, mineral inventory maps and cards; by E.V. Jackson and G.E.P. Eastwood)

- Current Mineral Titles

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HOLBERG INLET PROJECT
Northern Vancouver Island

REGIONAL MINERALIZATION OF NORTHERN VANCOUVER ISLAND

DAIWAN ENGINEERING LTD.

Scale: As Shown	Date: June '91	Fig.: 5

Several other types of mineralization also occur on the property. A list of most observed types of mineralization is given below:

1. Skarns in Quatsino Formation limestone
2. Contact metasomatic sulphide lenses in Quatsino Formation limestone (skarns?)
3. Skarn in Bonanza Group volcaniclastics
4. Contact metasomatic sulphide lenses in Parson Bay Formation cherty siltstone
5. Sulphides in felsic to intermediate silicified dykes and sills
6. Fine-grained bedded, possibly exhalative pyrite in the lower part of the Quatsino Formation limestone
7. Chalcopyrite and bornite in shears, amygdules and disseminated in Karmutsen Formation basalt flows.

Types of mineralization and individual showings are discussed below.

1. Skarn Mineralization in Quatsino Formation Limestone

The most significant skarn-type mineralization on the property occurs on the west end of the grid (west of 83+00W) in the Zinc Creek, Contact Creek and Monzonite Creek showings area. Mineralization is generally zinc-rich and gold-poor.

Zinc Creek Showings:

The limestone has been sporadically altered to a greenish-grey generally fine-grained assemblage of diopside, epidote, calcite, $\pm$ red-brown to green garnet with strong manganese staining on weathered surfaces. In some parts diopside occurs in radiating clusters of coarse-grained prismatic crystals up to one centimetre in length. These altered carbonates commonly contain traces to 10% fine-grained disseminated and fracture-related dark grey-brown to greenish-amber coloured sphalerite and rarely fine-grained disseminated galena. Greenockite, a canary yellow earthy mineral (cadmium sulphide), commonly occurs on fracture surfaces in these sphalerite-rich rocks.

Bedrock exposure in the Zinc Creek area is poor, and the extent and nature of the mineralized rocks is unclear. It is probable, however, that sporadic mineralization occurs in a zone greater than 100 m x 200 m and may extend 500 m to the west to Contact Creek and beyond.

Unit 5-8 OC (PC); Quartz-Feldspar Phyric Felsic Intrusive:

This rock type occurs in west-northwest-trending dykes in the Dorlon area (6+00W -26+00W). It has a medium grey-brown aphanitic groundmass, 15-20% one to five millimetres rounded quartz eyes, 20-30% one to six millimetres stubby subhedral feldspar phenocrysts (in some places, bimodal white and greenish-grey) 0-5% fine-grained hornblende and in some locations, up to 5% fine-grained, disseminated pyrite and pyrrhotite.

Unit 5-8 OC; Quartz Monzonite, Granite:

This unit occurs on the extreme west end of the grid, west of 92+00W. It is a medium-grained equigranular to hornblende porphyritic granite or quartz monzonite with 50-60% white plagioclase, 10-15% pink K-feldspar, 10-15% quartz, 5-8% fine-grained biotite and 5-8% hornblende in lath-shaped phenocrysts up to one centimetre long. The unit may be equivalent to the quartz-feldspar phyric dykes which occur in the Dorlon area.

Unit 6-5 HL; Cretaceous (?) Shale:

This unit is a dark grey, thinly-laminated fissile shale with ubiquitous imprints of pelecypod shells with fine radiating ridges.

Unit 6-5 K; Cretaceous (?) Pebble to Cobble Conglomerate:

This unit was observed in only one location (75+30W, 1+00S) where it occurs as a fault-bounded block between Karmutsen Formation basalt and Quatsino Formation limestone. The rock is a heterolithic conglomerate with a fine-grained greenish groundmass hosting up to 60% angular to rounded pebbles and cobbles up to 10 cm (average 0.5 to 1 cm) in diameter. The pebbles are composed of banded chert, massive chert, fine-grained mafic intrusive and feldspar phyric mafic volcanic. Some pebbles and cobbles weather to a brown mud commonly leaving cavities in the rock.

Mineralization

The purpose of this exploration program was to identify large (perhaps 20 m by 600 m) zones of skarn-type alteration with significant gold enrichment. The main target was the Quatsino Formation limestone which extends across the entire width of the property. Significant mineralization is hosted in this 150-300 metre wide unit in sporadically distributed showings along a discontinuous strike length of 7.7 km. Style of mineralization and precious metal content of the various showings is not consistent, suggesting that the limestone has been affected by several mineralizing events, possibly related to the various intrusive units.

masses of skarn-type alteration. Alteration of the limestone will be discussed in more detail under "Mineralization".

Unit 3-5; Parson Bay Formation Clastic Sediments

The Parson Bay Formation is a light greenish-grey to brownish-grey thinly bedded to thinly laminated cherty siltstone. Contact with the underlying Quatsino Formation limestone is gradational, with limestone and siltstone commonly being interbedded in 10 cm to several metre thick horizons at the transition.

Unit 4-2; Bonanza Group Intermediate Volcaniclastics

The Bonanza Group volcaniclastics in the property area are generally dark green to black, massive to rarely poorly bedded, fine to medium-grained feldspar crystal basaltic andesite tuffs. They contain 30% or more rounded feldspar crystal fragments up to two mm (average less than one millimetre) in diameter in a fine-grained chloritic groundmass. In a few locations on the property, rocks of this group are lapilli tuff to agglomerate, with rounded to angular fine-grained intermediate (?) volcanic fragments up to five centimetres in diameter.

Island Intrusions(?)

Units 5-7 N ($\pm$B, $\pm$Q or T) and 5-8N ($\pm$B, $\pm$Q or T);
Intermediate to Felsic Fine-Grained $\pm$ Feldspar Phyric $\pm$ Silicified Dykes and Sills:

This east-west-trending group of intrusives includes dykes and/or sills with several different textures and may, in fact, include different phases of plutonic rocks. These rocks commonly have a light to dark blue-grey siliceous fine-grained crystalline to cherty groundmass with up to 20% vague, stubby, one to two millimetres, light grey feldspar phenocrysts, $\pm$ 5% fine-grained chloritic clots after mafic phenocrysts, $\pm$ up to 10% fine-grained disseminated pyrite and/or pyrrhotite. These dykes are associated with the showings in the HPH and Dorlon areas.

Unit 5-7 O; Granodiorite (Diorite?):

Unit 5-7 O is a 'fresh', generally massive, medium-grained equigranular aggregate of 75% feldspar, 10-25% hornblende, and 0-10% biotite. It is generally weakly magnetic and contains traces of pyrite. This unit is typical of the 'classic' Island Intrusion.

Fine- to medium-grained equigranular granodiorite (diorite?)occurs as a large stock on the south part of the grid between lines 50+00W and 26+00W. Similar material occurs as small plugs and dykes elsewhere on the property but is relatively rare.

A series of northwest-trending, medium-grained quartz-feldspar (± hornblende) phyric felsic dykes crosscut stratigraphy in the Dorlon area between lines 6+00W and 26+00W south of the Nahwitti River.

Underlying the extreme west end of the grid is a medium-grained hornblende phyric quartz monzonite plug or stock. Size of this body is not known. Whole rock data suggests that this intrusive is related to the quartz-feldspar phyric felsic dykes occurring in the Dorlon area.

On the road north of the Nahwitti River at approximately 60+00W, a fissile fossiliferous, possibly Cretaceous shale, is intruded by a hornblende-feldspar phyric dyke. The intrusive has a fine-grained groundmass with needle-like hornblende phenocrysts up to 1 cm long. If the shale actually is Cretaceous in age, then this dyke may be Eocene Catface intrusion.

Lithology Descriptions

Unit 1-1; Karmutsen Formation Basalt

This unit is composed of an inhomogeneous series of basalt flows and possibly hypabyssal intrusives. The rock is generally a fine-grained crystalline aggregate of hornblende and feldspar. It may be massive or contain 20% feldspar laths up to one centimetre and/or up to 40% calcite and/or chlorite amygdules up to two centimetres (average two to three milimetres) in diameter. Some parts contain pillows up to 20 cm in diameter.

Unit 1-4; Karmutsen Formation Limestone

Unit 1-4 is a massive fine-grained blue-grey limestone. Unlike limestone of the Quatsino Formation, this rock is rarely bedded.

Unit 2-4; Quatsino Formation Limestone

This unit is a blue-grey, massive to thinly bedded, fine-grained limestone to medium-grained marble. It commonly contains up to 15% dark grey irregular rounded chert nodules (fossiliferous?) up to two centimetres in diameter.

In a few places, usually spatially associated with granodiorite (diorite?), the limestone has been altered to a white marble. This marble is commonly associated with irregular

part be due to folding, fault repetitions, and expansions of stratigraphy by dykes and sills. The Quatsino Formation limestone hosts all significant observed mineralization on the property.

Conformably overlying the Quatsino Formation are thinly-bedded silicious siltstones of Parson Bay Formation. This sedimentary unit appears to range in thickness from less than 100 m to over 300 m. Thickness variations may in part be due to original inconsistencies of the horizon, but structural features as in the limestone make thickness determinations difficult. The contact between the Quatsino Formation limestone and the overlying Parson Bay clastic sediments is commonly gradational across several tens of metres.

Bonanza Group intermediate massive to poorly-bedded ash tuff, feldspar crystal tuff and less lapilli tuff conformably overlie the Parsons Bay Formation sediments. Typically, a 10 to 20 m thick horizon of ash tuff or feldspar crystal tuff occurs near the top of the clastic sedimentary sequence indicating that volcanism had an intermittent start.

Elsewhere on Vancouver Island, the Bonanza Group has a thickness of between 1,000 and 2,000 m. In a few places along the north side of the Nahwitti River fissile fossil-rich (pelecepods) shale apparently unconformably overlies Karmutsen Formation basalt and limestone. These sediments may be Cretaceous in age.

Intrusions

At least five types of intrusive rocks are found on the property. The large majority of these intrusives occur on the south side of the Nahwitti River. Age relationships of these plutonic rocks are unclear.

Based simply on alteration and obscurity of primary textures, it appears that the oldest intrusives are a series of east-west trending, fine-grained feldspar-phyric ($\pm$ mafic phyric) silicified $\pm$ pyritic and/or pyrrhotitic (total sulphides up to 10%; average 2 to 5%) dykes or sills which range in width from less than one metre to over 100 metres. Although these rocks are leucocratic and appear to be felsic or intermediate intrusives, whole rock data indicate that they actually range in composition from felsic to mafic and are undoubtedly part of more than one intrusive event. Most skarn mineralization in limestone in the HPH and Dorlon areas occurs adjacent to leucocratic intrusives.

Other intrusives on the property are "fresh" in appearance. No cross-cutting relationships were observed to indicate their relative ages.

A fourth porphyry copper target presenting being evaluated by Moraga Resources Ltd. lies three kilometres south of the property at Wanokana Creek. This property shows strong geochemical and geophysical resemblance to the Island Copper occurrence.

PROPERTY GEOLOGY

The Holberg Inlet property is underlain by a conformable sequence of generally east-west striking, moderately south-dipping basalt flows of the Karmutsen Formation, limestone of the Quatsino Formation, fine-grained clastic sediments of the Parson Bay Formation (collectively the Triassic Vancouver Group) and intermediate Volcaniclastics of the Jurassic Bonanza Group.

Table 1 - Stratigraphy of the Holberg Inlet Property

EARLY JURASSIC BONANZA GROUP
LATE TRIASSIC VANCOUVER GROUP
Parsons Bay Formation
Quatsino Formation
Karmutsen Formation

This sequence has been intruded by at least several phases of dykes, sills and stocks, and later cut by a complex series of faults (Figures 6a and 6b).

Stratigraphy

The base of the stratigraphic sequence in the property area is a thick succession of submarine basalt flows of the Triassic Karmutsen Formation. These flows range in texture from massive fine-grained crystalline, to coarsely porphyritic, to pillowed, to coarsely amygdaloidal. Contacts between basalts with distinctly different textures are commonly sharp and mark the upper and lower limits of individual flows. On the north side of the Nahwitti River, the basalt flows are intercalated with fine-grained massive blue-grey limestone units up to 200 m thick (averaging less than 100 m thick). The limestone units are somewhat discontinuous but occur in two distinct horizons, commonly clearly bounded above and below by basalt. In most cases, therefore, these limestone units are clearly part of the Karmutsen Formation.

On the south side of the Nahwitti River, the Karmutsen Formation is in conformable sharp contact with massive to thinly-bedded generally fine-grained blue-grey limestone of the Quatsino Formation. This limestone unit ranges in thickness from 150 m to over 300 m. Variations in thickness may in

Selected analyses of some rock samples taken in the Zinc Creek area are presented below. Complete geochemical analysis for the samples is provided in Appendix A and detailed descriptions of rock samples are included in Appendix B.

Rock Samples from the Zinc Creek Area

	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Au(ppb)
97322	36	9028	14368	2.9	5496	3
97324	15	3424	10386	2.3	27695	2
97327	1	18735	36942	5.4	31824	6
97328	1001	588	1210	2.8	5568	12
97219	18	13346	24667	3.2	30496	5

Contact Creek Showings

In Contact Creek at roughly 89+00W, a roughly 20 m x 100 m zone of sporadically skarn-altered limestone is exposed. Geology in the area is somewhat complex with limestone in fault contact with basalt to the north, apparently in conformable contact with basalt to the east, and in fault contact (~40° north dip) with fresh granodiorite to the west.

The limestone has been largely altered to a white medium-grained marble and contains approximately 20% greenish-grey 20 cm to 1 m wide irregular lobed masses and discontinuous bands of skarn assemblage minerals (as at Zinc Creek) which cut across relic bedding. These skarn pods commonly contain traces to 15% fine-grained disseminated sphalerite and minor pyrite.

In some locations, the limestone hosts small lenses up to 0.6 m wide of massive pyrite $\pm$ sphalerite (samples 5072, 5078), massive chalcopyrite and sphalerite (sample 5071), and massive pyrrhotite, pyrite, chalcopyrite and magnetite (sample 5079). In some instances, these sulphide lenses are clearly shear-related (in sample 5078). In other cases, the sulphide lenses are located peripheral to a silicified feldspar phyric felsic dyke (samples 5071, 5072).

Selected analyses of some rock samples taken in the Contact Creek area are given below.

Rock Samples from the Contact Creek Area

	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Au(ppb)
*5065	1315	51	31391	1.7	15203	13
5070	28818	795	33649	21.4	7760	37
5071	75815	885	99999	144.1	2493	105
5072	3027	9	2265	8.8	3574	12
5073	1026	391	30187	4.3	3869	11
5076	35818	9	262	69.9	1428	203
*5077	89	95	10748	1.1	6073	25
5078	8715	345	99999	11.1	3527	32
5079	10396	60	1687	28.5	3249	151

Elevated gold and silver values correspond to samples containing chalcopyrite which are from dyke- and/or shear-related sulphide lenses. They may be genetically similar to felsic dyke-related, gold-bearing sulphide lenses in the Dorlon area. There is no evidence to suggest that significant tonnage could be developed on any of these structures.

The skarn lenses (samples of which are marked with an asterisk in the table above) exposed in the Contact Creek area are part of a sporadically mineralized zone extending from Zinc Creek to Monzonite Creek, a distance of roughly one kilometre. There is potential for significant tonnage of this type of material, but although it commonly contains over 3% zinc, it has only weakly anomalous amounts of gold.

Genesis of the marblization and skarn lenses is likely due to a large intrusive body underlying the area, possibly the granite or quartz monzonite exposed west of 92+00W, or perhaps the granodiorite exposed on both sides of Contact Creek.

Monzonite Creek Showings

The Monzonite Creek showings occur in limestone horizons in the transition zone between the Quatsino Formation limestone and the overlying Parsons Bay Formation clastic sediments, and probably within a few tens of metres of the contact with a granite or quartz monzonite plug or stock.

The rock is altered to a skarn assemblage of minerals as in the Zinc Creek and Contact Creek areas, with strong manganese staining and 3-5% disseminated black sphalerite. Some parts

are sheared and brecciated, and contain pods of massive pyrite up to 50 cm, lenses of chalcopyrite up to one cm, and massive magnetite in pods up to five cm in diameter.

Rock Samples from the Monzonite Creek Area

	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Au(ppb)
5090	6	19	1671	0.7		1
5091	41	56	29325	1.4		6
5092	1203	3	2231	1.4		11
5093	4339	3333	229	11.9		41
5094	3609	46	351	12.7		10

2. Mead Creek Showings

The Mead Creek showings occur along a roughly 300 m section of Mead Creek between 59+00W and 61+00W. Geology in the area is confusing but it appears that the area is underlain by the Karmutsen Formation basalt-Quatsino Formation limestone contact which has been intruded by granodiorite and later sheared subparallel to the Creek. Limestone in the area is typically altered to a medium-grained white marble.

Mineralization in the area consists of stringers and lenses of massive pyrite, pyrrhotite and chalcopyrite in sheared granodiorite and basalt, and lenses of magnetite, pyrite, $\pm$ chalcopyrite, $\pm$ sphalerite in epidote-garnet skarns up to one metre wide developed at the limestone granodiorite contact.

Rock Samples from the Mead Creek Showings Area

	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	As(ppm)	Au(ppb)
97122	1959	6	75	4.5	87	23
97123	41642	2	4173	77.1	23	5296
97124	1755	2	56	4.3	33	25
97125	1522	2	43	0.2	53	21
97126	9910	2	255	17.0	740	16
97127	2132	2	62	11.2	125	32
97129	3455	8	58939	10.9	46	5
97130	529	2	229	0.3	17	113
97131	4436	101	30494	19.3	69	21

Sample 97123 was collected from a roughly one metre wide greenish to brownish-grey epidote-garnet skarn developed in limestone at its contact with a granodiorite with up to 50% rounded fine-grained mafic inclusions (Karmutsen Formation basalt?). The skarn contains stringers, veins and lenses up to 30 cm wide of massive pyrrhotite, pyrite, chalcopyrite and magnetite.

Uphill from these showings on line 60+00W, soil samples from 7+50S to 8+00S contained anomalous amounts of gold, arsenic and copper.

Soil Samples from 60+00W

	Cu(ppm)	As(ppm)	Au(ppb)
7+50S	275		110
7+75S	196	28	74
8+00S	915	29	18

A pit blasted into a three metre square exposure of massive magnetite with 10 to 50% coarse-grained pyrite is situated at 60+20W, 7+75S, 20 m uphill from the anomalous soil sample sites listed above. Analyses of rock samples from this trench are shown below:

Rock Samples from a Pit at 60+20W, 7+75S

	Cu(ppm)	As(ppm)	Au(ppb)	
5100	1824	23	122	
5101	159	3	80	
5102	1570	19	0.001	oz/ton (metallics)

This material is undoubtedly the cause of the metal-in-soil anomaly on line 60+00W. Exposure is poor. The extent of the mineralization is not known, but no soil anomaly was outlined in line 61+00W, suggesting that it is a relatively small feature.

3. <u>T.S. Showing</u>

The T.S. showing, located at approximately 55+20W, 3+75S, is a roughly two metre by five metre exposure of massive magnetite, sphalerite and lesser amounts of chalcopyrite, which historically assayed 4.28% zinc and 0.34% copper across 1.3 m. It was not re-sampled during this program. Orientation and size of the mineralized zone is not clear, but it appears to lie along a northwest trending fault contact between Karmutsen Formation basalt and Quatsino Formation limestone.

4. Contact Metasomatic Mineralization in Quatsino Formation Limestone

This type of mineralization includes the HPH Pit and Shaft showings and the Dorlon showings. They may be skarns but do not have the typical skarn mineral assemblage as seen in the Zinc Creek to Monzonite Creek showings area.

The HPH and Dorlon showings are all located on the flanks of fine-grained felsic to mafic according to whole rock data ± feldspar-phyric silicified sills or dykes (unit 5-8N ± B Q) which subparallel bedding in limestone. These showings are generally poddy and less than one metre in width. Mineralization and precious metal content of these showings, however, are not consistent, suggesting that the various associated intrusives, although similar in appearance, may not be related.

HPH Pit Showing

A north-trending, blue-grey, fine-grained cherty silicified feldspar phyric felsic dyke (sample 97311) contains 7 to 8% fine-grained disseminated sulphides:

2 - 3% @ pyrite and arsenopyrite
1 - 2% sphalerite
traces of galena, chalcopyrite and pyrrhotite

It is the only location on the property where arsenopyrite has been observed.

Limestone within one metre of this dyke is silicified and contains up to 20% each of fine-grained disseminated red-brown sphalerite and blue-grey galena (sample 97312).

Rock Samples from the HPH Pit Showing Area

	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	As(ppm)	Au(ppb)
97311	856	13567	9289	120.1	2562	9
97312	97	42400	99999	437.9	360	42

HPH Shaft Showings

The HPH shafts were sunk on irregular pods of massive galena and sphalerite hosted in limestone on the flanks of a cherty felsic dyke. Size and orientation of the mineralized zone is not clear from present exposures. Historic sampling of this material contained 109.2 oz/ton silver, 38.1% lead and 10.5% zinc across two metres (Oakley, 1990), but apparently contained low gold values.

HPH Nose Showing (18+60W, 0+25S)

The Nose Showing is a lens of massive black sphalerite up to 40 cm wide which 'wraps' around the end of a two metre wide, fine-grained feldspar-phyric intermediate sill intruding limestone. Bedding in the limestone on the flanks of the sill close beyond its western end suggesting that the intrusive has been boudinaged at this location. The sulphides may have 'flowed' to a point of low stress at the end of the boudinaged sill.

A previous sample of this showing apparently contained 0.122 oz/ton gold and 17.37% zinc across two metres (Oakley, 1990).

Dorlon Shaft Showing (17 + 30W, 0 + 40 S)

The Dorlon shaft showing is a one metre wide lens of massive pyrrhotite, sphalerite and chalcopyrite in limestone on the flank of a roughly one metre wide light blue-grey cherty felsic An two metre long chip sample across the mineralized zone taken in a previous program is reported to have contained 0.225 oz/ton gold, 30.1% zinc and 0.29% copper (Oakley, 1990). At present, however, the mineralization at the showing is not two metres wide.

5. Skarn in Bonanza Group Volcaniclastics

In one location at roughly 75+40W, 6+25S, Bonanza Group volcaniclastics contain chloritic lenses up to 20 cm in diameter with 30 - 40% each of pyrite and pyrrhotite, and 2 to 3% chalcopyrite (sample 5057). A boulder found roughly 50 m below the previously described material contains 60-70% massive fine-grained pyrrhotite, 5-8% very fine-grained chalcopyrite in stringers up to two millimetres wide cutting the pyrrhotite, and 15% one to five millimetres euhedral dodecahedral greenish garnets (sample 5059). Some analyses of samples of these occurrences are given below:

Rock Samples from Altered Bonanza Group Volcaniclastics

	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Au(ppb)
5057	1210	7	126	2.8	1
5059	2749	2	57	4.8	20

6. Contact Metasomatic Sulphide Lenses in Parsons Bay Formation Cherty Siltstone

Massive sulphide lenses up to 0.5 m wide commonly occur adjacent to siliceous, generally pyritic, feldspar phyric felsic sills in Parson Bay Formation cherty siltstone. These sulphide lenses are composed of up to 70% pyrrhotite, 20-30% pyrite and minor amounts of chalcopyrite. Some analyses of selected samples of this material are given below.

Samples of Intrusive-Related Massive Sulphides in Parson Bay Formation Cherty Siltstones

	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Au(ppb)
97108	842	2	49	2.0	29
97110	1171	23	561	1.9	75
97112	1496	12	247	0.7	18
97114	818	6	96	1.1	14
97349	795	14	80	6.3	4

7. Sulphides in Felsic to Intermediate Silicified Dykes and Sills

Intermediate to felsic feldspar phyric cherty sills and dykes on the property commonly contain up to 10% fine-grained disseminated pyrite and/or pyrrhotite. Samples of this material contained no significant base or precious metals.

8. Possible Exhalative Sulphides in Quatsino Formation Limestone

In one location within the Quatsino Formation limestone (roughly 79+50W, 2+00S) a few metres above the Karmutsen Formation basalt contact, a five centimetre wide bed of tuff or siltstone contains 1 - 2 mm laminations of fine-grained pyrite. This sulphide-rich layer may be an exhalative, suggesting that volcanogenic massive sulphide-type mineralization may occur within the Vancouver Group stratigraphy. Selected analyses of a sample of this material is given below:

Sample of Exhalative (?) Sulphides in Quatsino Formation Limestone

	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Au(ppb)
97345	219	6	27	0.3	21

9. **Chalcopyrite in Karmutsen Formation Basalt**

Chalcopyrite and lesser amounts of bornite occur in shears, amygdules and disseminated in Karmutsen Formation basalt flows in many locations across the property. These occurrences are not a significant exploration target.

Structure

The property appears to be underlain by a simple conformable upright stratigraphic sequence striking roughly east-west and dipping moderately to the south. Minor folding was observed but this does not seem to have complicated the stratigraphic sequence. The rocks are, however, cut by a complex set of faults which have apparent offsets of up to 800 m.

The most obvious probable fault-related topographic feature is the east-west trending Nahwitti Lake and Nahwitti River valley. This feature parallels a major structural break which runs along Holberg Inlet 10 km to the south. Displacement along the fault in the Nahwitti valley may not have been large since Karmutsen basalt occurs on both sides of the structure. Apart from its topographic expression, the only geological evidence for a fault along the valley is the distinct textural difference between basalt on its north and south sides.

In the southwest part of the property, several east-west to east-northeast trending moderate to shallow north-dipping faults occur at roughly 250 m intervals. These fault zones range from a few metres to over 50 m in width. In one location at approximately 70+00W, 5+00S, Parson Bay Formation siltsone beds dip south into a north-dipping fault zone underlain by Quatsino Formation limestone. This relationship suggests normal dip-slip movement along the fault with displacement probably being 100 m or less. This type of faulting indicates a tensional regime. These faults appear to cut all types of intrusives and may be the youngest structural features on the property.

Rocks along these structures are intensely sheared, sporadically quartz-flooded and commonly contain a soft pink mineral referred to as rhodonite during mapping. Samples of this material (samples 97317, 97326 and 97332) did not have the high manganese content expected. The pink mineral, therefore, is probably a zeolite.

Several other sets of faults range in strike from northeast to northwest. These structures are probably block faults which have generally offset unit contacts less than 300 m. One significant exception to

this scale of offset occurs between 54+00W and 76+00W where a wedge of basalt appears to have been offset at least 800 m to the south between a conjugate northwest and northeast (along Mead Creek) striking fault set. This block of basalt is clearly outlined in the magnetic survey (Figure 8b). No significant fault-related mineralization was observed on the property.

Whole Rock Geochemistry

Thirty-eight samples for whole rock analyses were collected from the property during this program. The survey was conducted for three main reasons:

a) To determine if the basalts on the north and south side of the Nahwitti River, which are texturally distinct, have similar compositions and are in fact definitely Karmutsen Formation rocks;

b) To determine if intrusive rocks could be differentiated on the basis of lithogeochemistry and if so, to identify which intrusives are spatially and possibly genetically related to gold-bearing mineralization; and

c) To determine the chemistry of the two stock-like intrusive bodies (granodiorite or diorite, and monzonite or granite) and to correlate these, if possible, with specific dyke sets.

Tables 2 to 7 present whole rock geochemistry for several groups (or apparent groups) of rock types. Each group will be discussed separately below. In these discussions, rocks have been categorized primarily on the basis of their silica content.

Rock Type	SiO_2 Content
Mafic	<54%
Intermediate	54 - 66%
Felsic	>66%

Sample descriptions and locations are given in Appendix B.

1. Karmutsen Formation Basalt (Table 2)

In spite of textural differences between basalt north and south of the Nahwitti River, the

TABLE 2

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WHOLE ROCK ICP ANALYSIS

DAIWAN ENGINEERING LTD. PROJECT - CAMECO File # 91-GORD Page 1

1030 - 609 Granville St., Vancouver BC Submitted by: GORD ALLEN

	SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
KARMUTSEN FORMATION BASALT																				
South of Nahwitti River:	B 97308	47.28	15.83	12.92	6.79	8.02	3.26	.38	2.75	.42	.17	.031	171	474	33	130	33	20	1.9	97.96
	B 97309	46.39	15.48	9.70	8.14	10.97	2.13	.80	1.69	.27	.16	.065	237	434	45	79	21	20	3.9	95.91
	B 97313	48.00	14.17	13.06	6.84	10.45	2.46	.29	1.95	.23	.28	.031	110	260	15	81	26	20	2.0	97.83
	B 97318	48.59	15.01	11.86	7.90	10.21	2.14	.28	1.34	.17	.26	.043	177	305	13	58	16	20	2.0	97.88
	B 97321	47.16	16.39	11.74	6.20	10.73	2.60	.79	1.77	.25	.21	.034	217	468	47	81	25	20	1.9	97.99
	5063	50.08	14.84	11.43	5.55	9.99	3.76	.85	1.70	.19	.15	.034	359	564	4	88	24	20	1.3	98.72
North of Nahwitti River:	5096	48.72	13.29	13.24	5.42	8.83	4.46	.21	1.94	.28	.24	.020	54	147	15	97	26	32	3.2	96.70
	5097	47.99	14.45	13.60	6.08	7.87	3.58	.41	2.01	.28	.25	.024	234	273	19	98	26	20	3.2	96.63
	B 97150	48.75	15.86	9.89	7.15	7.99	4.66	.05	1.15	.15	.12	.040	40	293	2	55	14	20	4.1	95.82

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUN 11 1991 **DATE REPORT MAILED:** June 11/91 **SIGNED BY.....** C Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

chemistry of these rocks is similar. They are all mafic rocks with high iron and titanium typical of Karmutsen Formation.

2. Felsic to Intermediate Dykes (Table 3)

Whole rock geochemistry of several dykes (both adjacent to showings and elsewhere across the property) intruding Quatsino Formation limestone or Parson Bay Formation siliceous siltstone is presented in Table 3. Most of these dykes were cherty, aphyric to feldspar phyric leucocratic intrusives considered to be intermediate to felsic in composition.

The dykes actually range in composition from mafic to felsic and have a wide range in major oxide content, indicating that there are several episodes of intrusive activity not previously recognized. Chemistry of the samples varies widely and few correlations can be made.

Sample 97311 from the HPH Pit showing and sample 5060 from the Dorlon Pit showing both have high silica and low sodium contents. They are, however, dissimilar in may ways and may not be genetically related. Sample 97311 is low in aluminum, magnesium, sodium and potassium suggesting that general depletion of elements occurred during hydrothermal alteration; probably the same event responsible for the mineralization. In sample 5060, the aluminum and potassium levels are not particularly low suggesting that the low sodium content may simply be an original characteristic of the rock.

Both the Dorlon Nose and Pit showings are spatially related to intrusives in limestone, and contain abundant sphalerite and significant amounts of gold. The intrusives adjacent these two showings (Shaft showing 5060, Nose showing 5061), however, are quite dissimilar in composition, suggesting that mineralization may not have occurred during emplacement of these sills.

Sample 97306 was from an extremely hard 'cherty' feldspar phyric instrusive on the wall of the western HPH shaft. This rock was originally thought to be a felsic dyke but its low silica and relatively high titanium content indicate a mafic composition. The calcium content is quite high, the significance of which is not known. An intrusive with a similar composition (sample 97310) occurs northeast of the HPH Pit.

In summary, there is no recognizable correlation between mineralization on the property and a specific set of intrusives.

TABLE 3

DAIWAN ENGINEERING LTD. PROJECT - CAMECO FILE # 91-GORD

ACME ANALYTICAL

'FELSIC' to 'INTERMEDIATE' DYKES	SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
	B 97302	54.54	16.46	8.91	4.28	6.64	3.54	2.05	.85	.29	.22	.008	920	502	48	88	28	20	1.9	98.02
HPH Shaft Area	B 97305	73.70	13.39	1.07	.41	2.61	2.21	4.37	.15	.05	.04	.006	1939	316	26	74	10	20	1.6	98.39
East Wall of West HPH	B 97306	46.83	18.37	6.50	1.56	18.45	2.14	2.10	1.11	.33	.60	.016	1091	309	19	46	20	20	1.6	98.24
NE of HPH Pit shaft	B 97310	47.56	13.60	6.14	5.88	19.71	1.31	.60	2.69	.43	.24	.027	70	435	19	156	39	20	1.6	98.28
SW end HPH Pit	B 97311	84.90	1.07	1.50	.21	7.89	.05	.45	.13	.42	.10	.005	5	35	21	8	5	20	1.3	96.72
	B 97331	70.45	14.84	2.29	.74	2.19	4.86	2.94	.22	.07	.12	.002	1221	417	12	84	10	20	1.0	98.99
	B 97333	49.94	16.56	9.93	4.70	9.18	3.39	1.28	.79	.27	.38	.002	1025	672	26	55	19	20	3.2	96.69
	B 97341	52.41	16.27	9.17	4.10	7.24	3.10	1.58	.87	.30	.18	.003	766	559	26	83	24	20	4.5	95.44
Dorlon Shaft Showing	5060	72.32	11.86	1.00	.40	4.85	.20	3.26	.13	.04	.21	.004	682	116	12	61	12	20	5.6	94.42
Dorlon Nose Showing	5061	49.94	15.52	9.38	7.25	11.17	2.05	1.19	.77	.14	.42	.050	415	499	2	23	10	20	2.0	98.01
Contact Creek Skarn Area	5068	62.25	14.19	5.98	2.79	4.98	1.57	4.37	.57	.12	.34	.003	2912	460	2	90	18	20	2.3	97.73

3. Correlation Between Stock-like Intrusions and Remote Dyke Sets

Two stock-like intrusive bodies occur on the property; a quartz monzonite or granite on the west end of the grid and a granodiorite or diorite underlying the south ends of lines 22+00W to 40+00W.

The quartz monzonite (sample 97149) has a similar chemistry to a northwest trending feldspar porphyry dyke observed approximately 500 m west of the main intrusive body. A northwest trending quartz-feldspar dyke set with a similar chemistry (Table 4) occurs near the east end of the grid, crosscutting stratigraphy in the Dorlon showings area.

The geochemistry of several samples of 'classic' Island Intrusion equigranular 'salt and pepper' texture granodiorite or diorite is presented in Table 5. Some variation occurs but these rocks are generally intermediate in composition. Small plugs or dykes of this type of rock occur in the Contact Creek, Mead Creek, and Dorlon Cliff showings areas. They are both visually and chemically correlative to the stock in the southeast part of the grid.

4. Geochemistry of Bonanza Group Volcaniclastics (Table 6)

Only two samples of this material were collected at sites in the southwest part of the grid. Both have a mafic (bounding on intermediate; probably andesitic) composition.

GEOPHYSICAL SURVEYS

During the period May 1 to 31, 1991, a total field magnetics and two-station VLF-EM survey was conducted by Euro-Canadian Geological Services Inc. personnel on the Holberg Inlet project on behalf of Daiwan Engineering Ltd. A total of 70.2 kilometres of line were surveyed using an EDA Omni-Plus Magnetometer/VLF-EM instrument. For the survey, Seattle Washington was the transmitting station utilized.

Magnetometer and Electromagnetometer Surveys

The VLF-EM and Magnetic surveys were conducted simultaneously utilizing the Omni-Plus VLF/-Magnetometer system built by EDA Instruments Inc. This instrument contains several microprocessors and associated circuitry for monitoring, processing and storing data. The VLF-EM

TABLE 4

ACME ANALYTICAL

DAIWAN ENGINEERING LTD. PROJECT - CAMECO FILE # 91-GORD

ACME ANALYTICAL

	SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
Quartz - Feldspar Phyric Dykes	B 97116	69.62	14.86	3.57	1.16	3.55	3.21	2.45	.29	.13	.08	.002	1066	400	2	91	13	20	.9	99.17
	B 97303	69.78	14.95	2.80	.94	3.17	3.08	3.50	.28	.17	.11	.004	1257	468	42	82	14	20	.9	99.07
	5084	64.89	15.05	4.64	1.80	5.77	2.50	2.57	.40	.22	.24	.002	851	255	2	84	15	20	1.8	98.27

TABLE 7

DAIWAN ENGINEERING LTD. PROJECT - CAMECO FILE # 91-GORD

Miscellaneous Samples	SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
'Intermediate' Dyke	5081	49.59	16.16	10.75	5.69	8.41	4.05	1.08	.88	.28	.18	.008	653	641	5	47	18	20	2.7	97.28
Catface Intrusion?	5098	51.08	17.80	9.66	4.77	8.15	2.66	.24	.88	.51	.24	.004	649	897	15	97	20	20	3.7	96.23
Limestone from HPH Area	B 97138	10.86	.33	.47	.24	48.46	.10	.47	.02	.04	.05	.004	46	453	2	9	5	20	38.8	61.11
'Monzonite Creek' Stock	B 97149	69.12	13.32	3.06	1.02	4.19	2.57	2.22	.31	.08	.10	.002	936	247	6	92	7	20	3.8	96.19
Feldspar Porphyry Dyke	B 97334	64.95	15.10	4.96	1.69	4.16	2.18	4.29	.46	.14	.18	.002	1720	481	15	75	12	20	1.5	98.47

TABLE 6

DAIWAN ENGINEERING LTD. PROJECT - CAMECO FILE # 91-GORD

	SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
Bonanza Group Volcaniclastics	5089	51.83	16.84	8.43	4.82	8.69	4.10	.64	.89	.28	.15	.005	644	714	5	73	19	20	3.1	96.88
	B 97350	52.58	16.30	8.38	3.83	8.27	4.82	1.50	.78	.22	.14	.004	1375	736	5	80	21	20	2.8	97.16

TABLE 5

ACME ANALYTICAL

DAIWAN ENGINEERING LTD. PROJECT - CAMECO FILE # 91-GORD

ACME ANALYTICAL

	SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
'Granodiorite' or 'Diorite'	B 97319	49.13	17.76	10.73	5.43	9.42	3.30	.59	.94	.30	.20	.007	422	688	21	27	16	20	1.7	97.97
	5062	61.11	14.60	6.92	2.94	5.34	3.83	2.40	.74	.20	.17	.005	1084	510	2	108	21	20	1.5	98.52
	5069	54.59	14.66	8.43	4.43	7.02	4.23	2.25	.78	.20	.58	.002	2305	518	2	80	19	20	2.4	97.64
	5082	57.02	15.25	7.87	3.37	7.97	4.09	1.76	.74	.24	.19	.005	689	527	4	71	21	20	1.4	98.70
	5085	67.86	14.43	3.27	1.52	3.90	4.48	2.89	.51	.13	.08	.004	1222	358	2	163	21	20	.7	99.35
	5074	52.65	14.57	8.55	6.22	9.03	3.49	1.94	.72	.19	.25	.034	1580	523	2	58	16	20	2.1	97.98

portion of this instrument utilizes the VLF electromagnetic fields generated by submarine navigation and communication stations which operated in the 15-30 khz frequency band. The field generated by these stations is primarily horizontal. The instrument indicates the presence of a secondary field due to a conductor as a distortion in this horizontal field.

The distortion of this field produces an anomaly in the tilt angle, quadrature and total field intensity readings. VLF-EM data is corrected for facing direction during data processing and is edited for spurious noise spikes. For maximum coupling, a transmitter station located in the same direction as the geological strike of interest should be selected, since the direction of the horizontal electromagnetic field is perpendicular to the direction from the transmitting station. The advantage of the Omni-Plus is that several stations can be recorded simultaneously since the instrument automatically compensates for individual station direction.

The magnetics portion of the survey was conducted using the magnetometer system built into the Omni-Plus in conjunction with an EDA base magnetometer. The quartz clocks in the two instruments are synchronized in the morning. At the end of each survey day, the field unit is connected to the base unit via an RS232C interface. At this time the base units readings are matched to the field units and then dumped to a microprocessor via the interface. The microprocessor writes the data to a storage medium, most commonly magnetic disks or tape, for later processing. The solid state memory of this instrument and the microprocessors give data gathering at a rate of one to five kilometres per day at 20 metre intervals on the Holberg Inlet property.

Survey Results

General

The VLF-EM data is present in profile form in figures 7a and 7b. The total contoured field magnetics is shown in figures 8a and 8b. This magnetometer data is also presented in profile form in figures 8c and 8d.

VLF-EM

Numerous VLF-M conductors are present in the survey area. These have been marked on the plan maps. All of the conductors may be sourced in sulphides, faults, shear zones conductive clays and/or graphite. The power transmission lines traversing northern portions of each map resulted in higher levels of background noise than encountered under normal survey conditions. Seattle, due to the high signal strength in the survey area, was less affected by this noise than Cutler. Some VLF-EM

and magnetometer data was unusable in the immediate proximity of the transmission lines.

The VLF anomalies generally appear to follow the known stratigraphy on the property. On the western map sheet (7b), four anomalies have been labelled for their mineral potential.

Anomaly A - a very strong, near surface conductor with limited strike length
Anomaly B - a strong conductor, which ends abruptly at line 66+00W, appears to become deeper at depth heading east (weakening response)
Anomaly B^1 - a short, moderate conductor, possibly a continuation of B
Anomaly C - a moderate anomaly of similar strike length to B^1

On the northern portion of the map sheet (7b) through lines 52+00 - 58+00W, a series of four parallel conductors are evident. These, however, are oriented at some 30° to the conductors to the south of the map sheet, and may represent shearing rather than stratigraphy.

On the eastern map sheet, the E-W linear trend of the long conductors is obvious. These appear to be following stratigraphy. Four conductive zones appear to warrant further evaluation.

Anomaly D - line 38+00 - 40+00 - a short length, strong conductor
Anomaly E - a strong conductive response near surface, again of limited length
Anomaly F - very strong response over a long length; possibly sulphides along bedding
Anomaly G - a short cross-cutting anomalous feature; may be related to sulphides in a fault zone

Magnetometer Survey

A strong linear magnetics high trends NW-SE across the eastern half of the property (map 8a), crossing the baseline at line 14+00W. This anomaly appears to be offset by faulting at line 18+00W, but again appears at line 36+00W.

This magnetics high may correspond to an intrusive dyke system, as it appears to crosscut stratigraphy at a slight angle, and is bounded to the north and south by VLF-EM conductors. In the area of the Dorlon showings where there is higher topographic relief, strong geochemical anomalies overlie this magnetics anomaly. To the east, in the valley, there is only scattered subdued geochemical response.

On the western portion of the property (map 8b), there are more extensive high magnetics features, including strong local magnetic anomalies along line 60+00W in Mead Creek, and strong linear E-W

and NE-SW trending magnetic lows trending out from the Mead Creek showings. These magnetic anomalies appear to be related to strong fault systems (and possible intrusive dykes).

West of Mead Creek, the generally high magnetics are underlain by a large block of Bonanza volcanics. The abrupt westerly termination of the magnetic features in this area against a mapped fault is consistent with the above association.

GEOCHEMICAL SOIL SURVEY

Soil samples were collected over 38.55 km of the grid established over the claim group.

The samples were collected from the B horizon using long handled augers at depths from 10 cm to one metre. Each sample was placed in a numbered kraft paper envelope, labelled, and shipped to Acme Analytical Laboratories in Vancouver for analysis. A total of 1,541 soil samples were crushed, split and ground to -80 mesh. These samples were then analyzed for 30 elements by standard ICP methods, and for gold by wet extraction using MIBK from a 10 gram subsample.

Geochemical results for copper, zinc, gold, silver, arsenic and antimony are plotted on maps 6a, b, and 6c included in the map pocket of this report.

For the total width of the property, there are multi-element geochemical anomalies associated with the Quatsino Limestone horizon. There are pronounced multi-element soil anomalies over the area of the Dorlon, Dorlon Shaft, and Nose showings (approximately 1,000 metres in length), with scattered E-W trending anomalies for all other elements over the surveyed ground to the east, including the ground east of the Nahwitti River. This anomaly pattern is disrupted on the west by a lobe of Bonanza volcanic rocks (see sheets 6a, and 9a,b,c).

Further strong multi-element anomalies are to be found overlying the HPH showings, extending from the HPH shafts to the T.S. Showing (over 1,200 metres). These anomalies, especially zinc, are pronounced up to 200 metres south (and up slope) from the known showings, and appear to be most persistent along the upper contact of the limestone.

A discontinuous pattern of mineralization extends form the T.S. Showing through to Mead Creek at line 60+00W, 8+00S.

Between line 60+00W and 74+00S, there is limited anomalous geochemical response. This area appears to be underlain predominantly by Karmutsen volcanics. Coincident lead and silver anomalies and VLF conductors at line 70+00W, 4+50S are of interest, however.

Multi-element anomalies are again very evident, extending from line 77+00W to the end of the grid (96+00W), but only in the range 0+00S to 4+00S. This corresponds to the Upper Quatsino limestone contact and the underlying volcanics. Limited geochemical response is outlined for the Bonanza volcanic rocks to the south. In this area (lines 86+00, 88+00 and 96+00), there are also two small zones of molybdenum mineralization. These appear to be related to intrusive rocks in the Zinc Creek area, and ground further west.

In 1968 an extensive regional geochemical survey was conducted by BHP Utah Mines Ltd. (Young, 1969). This survey resulted in 9,592 soil samples being collected and analyzed. A detailed statistical analysis was conducted on the results. The threshold values for the copper and zinc in each rock type in the Holberg 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

For the current results evaluation, the following threshold values appear to best detail the known mineral occurrences:

Copper	100 ppm Cu	Arsenic	50 ppm As
Zinc	50 ppm Zn	Antimony	10 ppm Sb
Gold	10 ppb Au	Silver	1 ppm Ag
Lead	100 ppm Pb	Molybdenum	20 ppm Mo

Composite plans composed from this data show strong linear trends coincident with the Quatsino and Parson Bay formations.

HEAVY MINERAL SAMPLES

Sixteen heavy mineral samples were collected from drainages across the property. The sample locations are shown on figures 6a and 6b.

The sampling entailed the collection of approximately one-half cubic metre of fine sand and gravel from each of the drainages using a suction pump, and passing this material through a sluice box. The concentrates from the sluice were carefully collected and placed in numbered plastic bags and shipped to Acme Laboratories in Vancouver. Each of the samples was screened to -100 mesh, with a 10 gm subsample collected for 30 element ICP analysis, and a 30 gm sample collected for gold fine assay.

The sample results are tabulated as follows. There was insignificant gold in any of the samples; however locally lead, zinc and copper were detected. Sample locations are shown on figures 6a, 6b

Heavy Mineral Sample Results

Site	Sample #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
A	59851	1	144	7	73	.2	10
B	59852	4	36	16	283	.5	21
C	59853	3	213	33	515	1.2	4
D	59854	1	121	12	107	.4	10
E	59855	4	19	9	69	.3	82
F	59856	4	15	4	63	.1	28
G	59857	3	60	33	172	.6	8
H	59858	2	24	9	188	.3	1
I	59859	2	42	5	47	.1	2
J	59860	2	66	23	168	.4	1
K	59861	8	32	16	132	.2	1
L	59862	2	30	14	99	.1	1
M	59863	3	20	2	86	.2	8
N	59864	3	27	2	97	.3	4
O	59865	2	92	77	223	.6	8
P	59866	2	76	23	234	.4	6

CONCLUSIONS

1) The Holberg Inlet property is underlain by a conformable sequence of basalt, limestone, siltstone and volcaniclastic rocks which have been intruded by several phases of dykes, sills and stocks, and displaced by a complex set of block faults.

2) The most significant mineralization on the property occurs within the 150 m to 300 m thick Quatsino Formation limestone. This mineralization is of two general types:
   a) Between 83+00W and 93+00W, the limestone is sporadically skarn altered and marblized, and commonly contains greater than 3% zinc. Gold values from rocks are consistently low; however, there is moderate gold in soils on the north of lines 90+00 to 96+00.
   b) Massive sulphide lenses with significant amounts of gold occur in limestone adjacent to felsic to mafic dykes and sills in the Mead Creek and Dorlon areas. The present showings appear to have little chance of making significant tonnage.

3) The soil geochemistry survey outlined previous showings and a few small zones with anomalous amounts of gold which do not have known mineralization. The majority of the anomalies show strong linear relationships with the known stratigraphy. In most cases, the geochemistry showed much greater extent than the known working and pits.

4) The magnetometer survey detailed a linear magnetics high discordant with stratigraphy crossing the Nahwitti River and trending west-northwest, to end abruptly at the Dorlon showings. Some local magnetics highs are associated with skarn, especially in Mead Creek. A further broad magnetics anomaly west of Mead Creek is attributed to Karmutsen volcanic rocks.

5) The VLF-EM survey details a number of long linear conductors crossing the property. Anomalous responses were detailed adjacent to the linear magnetics feature on the eastern portion of the property, and at a number of the mineral showings on the property.

6) Geological data collected to date indicates that the property does not host a large gold-bearing skarn deposit. The only areas with apparent potential (by virtue of lack of bedrock exposure) are in the low-lying areas north and east of the Dorlon showings (roughly 0+00W to 24+00-W). Further geophysical (specifically I.P.) and geochemical data may assist to determine if further work is warranted.

7) The molybdenum and gold mineralization in soils in the Contact Creek area (item 2) appears to be elated to a diorite intrusive.

8) The mineralization inn the Dorlon and HPH areas is probably related to an underlying felsic dyke system. This system may be providing magmatic mineralization, or may be remobilizing previous (syngenetic?) sulphide mineralization.

RECOMMENDATIONS

1) All previous geophysical and geochemical data from the property should be compiled and reinterpreted to establish a model for the mineralization.

2) Unexplained metal-in-soil anomalies and the noted VLF-EM targets should be followed up with ground traverses.

REFERENCES

Christopher, P.A. (1988) — Report on the H.P.H. Property, Nanaimo Mining Division, Nahwitti Lake Area, British Columbia; private unpublished report prepared for Hisway Resources Corporation by Peter Christopher and Associates Inc.

Greene, A.S. and von Einsiedel, C. (1990) — Report on Phase 1 Exploration, Geological, Geochemical, Geophysical and Diamond Drilling, Dorlon Claim Group, Nanaimo Mining Division, Northern Vancouver Island; private unpublished report prepared for Hisway Resources Ltd. by Silver Drake Resources Ltd.

Muller, J.E., Northcote, K.E. and Carlisle, D. (1974) — Geology and mineral deposits of Alert Bay-Cape Scott map-area (92L - 102I) Vancouver Island, British Columbia; Geological Survey of Canada Paper 74-8.

Oakley, S. (1990) — Compilation Summary and Discussion of Exploration Model for the Nahwitti Lake Property in the Nanaimo Mining Division of British Columbia; private, unpublished report prepared for Hisway Resources Corporation by Stephen Oakley.

Young, M. (1969) — Geological and Geochemical Assessment Report on the Expo Claim Group for Utah Mines Ltd.; BCDM Assessment Report #2190.

CERTIFICATE OF QUALIFICATIONS

I, Gordon J. Allen, do hereby certify that:

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

2.0 I am a graduate of the University of British Columbia, Vancouver, Canada, with a degree of B.Sc. (Honours) Geology.

3.0 I am a member, in good standing, of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4.0 I have practised my profession since 1975.

5.0 This report is based upon my personal fieldwork including supervision of the geochemical and geophysical surveys, and on reports of others working in the area.

6.0 I have no interest, either direct or indirect, or do I expect to receive any such interest, in the properties or securities of Hisway Resources Corporation, the optioner of the Dorlon property.

Gordon J. Allen, B.Sc. (Honours), P.Geol.

June 14, 1991

CERTIFICATE OF QUALIFICATIONS

I, Peter G. Dasler, do hereby certify that:

1.0 I am a geologist for Daiwan Engineering Ltd. with offices at 1030 - 609 Granville Street, Vancouver, British Columbia, V7Y 1G5.

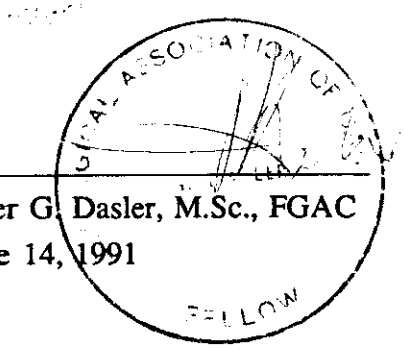
2.0 I am a graduate of the University of Canterbury, Christchurch, New Zealand with a degree of M.Sc., Geology.

3.0 I am a Fellow of the Geological Association of Canada, a Member, in good standing, of the Australasian Institute of Mining and Metallurgy, and a Member of the Geological Society of New Zealand.

4.0 I have practised my profession continuously since 1975, and have held senior geological positions and managerial positions, including Mine Manager, with mining companies in Canada and New Zealand.

5.0 This report is based on a personal fieldwork in the North Vancouver Island area, supervision of the work programmes for the property, and from reports of Professional Engineers and others working in the area.

6.0 I have no interest, either direct or indirect, or do I expect to receive any such interest, in the properties or securities of Hisway Resources Corporation, the optioner of the Dorlon property.



Peter G. Dasler, M.Sc., FGAC
June 14, 1991

STATEMENT OF EXPENDITURES

Personnel		
P. G. Dasler, Sr. Geologist - 11.35 days @ $380	4,313.00	
D. Melrose, Sr. Geologist - 36 days @ $380	13,680.00	
G. A. Allen, Geologist - 40.5 days @ $360	14,580.00	
D. Pawliuk, Geologist - 2.5 days @ $360	900.00	
T. Sheridan, Draftsperson/Office - 9.5 days @ $220	2,090.00	
M. Mayer, Field Technician - 29.4 days @ $220	6,490.00	
S. Oakley, Field Technician - 23 days @ $220	5,060.00	
L. Allen, Field Technician - 27 days @ $220	5,940.00	
R. Bilquist, Field Technician - 23 days @ $220	5,060.00	
J. DeMarco, Field Technician - 14 days @ $220	3,080.00	
D. Hyrnk, Geophysicist - 15 days @ $220	3,300.00	
B. Robertson, Geophysical Technician - 16 days @ $220	3,520.00	
		68,013.00
Disbursements		
Food & Accommodation 179 man days @ $65	11,155.00	
Transportation 1 4x4, 1 4x2, fuel for 40 days	4,977.03	
Equipment Rentals		
Geophysical equipment, surveying equipment, etc.	5,262.90	
Printing Maps, photocopying, etc.	2,380.63	
Supplies Flagging, tags, thread, etc.	1,955.07	
Assays		
1,541 soils, 30 element ICP + Au geochem @ $10	15,418.46	
36 whole rock analyses @ $11.61	417.96	
151 rocks, 30 element ICP + Au @ $8.23	1,243.45	
Office	94.98	
Other	51.90	
		43,767.38
Disbursement Fee		658.87
Total Disbursements		44,426.25
Sub Total		112,439.25
GST		7,870.75
TOTAL EXPENDITURES		**$ 120,310.00**

APPENDIX A

ASSAY CERTIFICATES

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

WHOLE ROCK ICP ANALYSIS

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1305R2

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
5056	45.41	12.07	8.25	12.35	14.29	.40	2.03	.64	.32	.11	.058	1460	401	34	38	28	20	3.9	100.14
B 97348	70.56	13.52	2.55	1.25	2.45	6.04	2.19	.38	.10	.04	.003	1293	430	13	171	12	20	.7	100.08

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: JUN 12 1991 **DATE REPORT MAILED:** June 18/91 **SIGNED BY.** D. Toye .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1490

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
5084	1	27	17	78	.1	5	10	542	2.59	8	5	ND	1	103	.8	4	2	36	1.95	.062	11	3	.42	30	.10	15	3.16	.41	.09	1	3
5085	17	24	22	33	.1	10	4	128	.77	2	5	ND	5	29	.6	2	2	12	.72	.052	11	6	.12	31	.09	11	.60	.09	.07	1	2
5086	26	200	28	5556	1.5	208	22	261	3.41	13	5	ND	1	253	50.0	10	2	20	4.83	.069	5	30	.10	57	.10	54	4.47	.07	.03	1	206
5087	74	352	39	23545✓	1.1	120	15	936	1.09	182	7	ND	1	17	187.3	6	2	39	6.38	.167	7	11	.05	5	.06	6103	.71	.01	.01	1	9
5088	88	428	41	21933✓	2.3	138	35	544	5.55	24	5	ND	1	42	155.1	2	2	9	2.32	.065	5	17	.06	20	.07	24	1.19	.02	.03	1	350
5089	2	52	2	123	.1	22	21	240	4.06	7	5	ND	1	262	1.0	4	2	50	2.11	.069	4	10	.69	47	.19	6	3.66	.52	.05	1	13
B 97139	3	1977	20402✓	34634✓	223.4✓	14	8	1280	2.52	319	10	ND	1	15	516.6	381	2	4	.71	.051	2	7	.13	1	.02	6	.18	.01	.01	1	16
B 97140	4	214	408	62773✓	5.0	70	36	5322	5.38	560	5	ND	1	67	694.3	2	8	18	12.60	.068	2	43	.25	10	.03	17	.83	.01	.03	1	458
B 97141	9	51	27	250	.2	123	32	136	2.42	10	6	ND	1	134	2.5	2	2	16	3.21	.037	2	26	.09	27	.11	94	2.17	.06	.05	1	3
B 97142	2	45	12	42	.6	7	23	309	5.97	36	5	ND	2	666	.3	4	2	22	5.19	.079	4	3	.07	50	.10	4	6.33	.57	.06	1	7
B 97143	8	241	24	81	2.6	114	71	779	24.57	33	5	ND	1	18	.3	2	2	95	.59	.161	3	30	2.03	8	.07	2	1.38	.02	.03	1	25
B 97144	28	152	60	121	2.4	76	24	1164	7.63	20	5	ND	1	50	1.6	6	2	380	1.02	.075	5	106	.57	11	.16	4	.86	.01	.01	1	5
B 97145	7	30	16	547	.1	5	4	331	1.98	7	5	ND	1	22	7.1	2	2	15	.41	.037	7	5	.32	34	.08	6	.64	.05	.04	1	5
B 97146	29	38	17	34	.8	58	65	1093	12.05	33	5	ND	1	28	.4	2	2	187	3.79	.075	2	35	.04	6	.11	2	.90	.01	.01	2	33
B 97147	6	306	11	28	.4	111	40	385	11.69	7	5	ND	1	74	.9	3	4	22	.71	.051	3	18	.26	4	.07	3	.55	.01	.01	1	6
B 97148	4	936	25	115	5.0	38	33	1612	22.55	35	5	3	2	57	.3	5	2	62	.37	.049	2	25	2.48	4	.16	4	1.84	.01	.01	1	20
STANDARD C/AU-R	19	60	41	136	7.4	70	32	1077	4.01	40	17	7	40	52	18.8	15	20	56	.50	.095	40	59	.87	180	.09	31	1.92	.06	.15	12	471

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 AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 29 1991 **DATE REPORT MAILED:** June 5/91. **SIGNED BY**.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

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

WHOLE ROCK ICP ANALYSIS

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1490

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
5084	64.89	15.05	4.64	1.80	5.77	2.50	2.57	.40	.22	.24	.002	851	255	2	84	15	20	1.8	100.07
5085	67.86	14.43	3.27	1.52	3.90	4.48	2.89	.51	.13	.08	.004	1222	358	2	163	21	20	.7	100.05
5089	51.83	16.84	8.43	4.82	8.69	4.10	.64	.89	.28	.15	.005	644	714	5	73	19	20	3.1	99.98

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: ROCK

DATE RECEIVED: MAY 29 1991 **DATE REPORT MAILED:** June 5/91. **SIGNED BY**.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1485 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
5090	29	6	19	1671	.7	116	18	31157	4.80	11	8	ND	1	158	9.9	2	2	82	2.41	.123	6	10	.28	101	.06	2	.84	.01	.02	1	1
5091	4	41	56	29325	1.4	22	16	21909	1.84	6	9	ND	1	22	237.7	2	2	12	1.51	.043	2	3	.22	91	.01	5	.11	.01	.01	1	6
5092	70	1203	3	2231	1.4	24	9	5971	3.72	12	5	ND	1	32	17.3	2	2	18	2.50	.047	5	4	.23	47	.02	9	.40	.01	.01	1	11
5093	3	4339	333	229	11.9	34	53	3543	19.09	143	5	ND	1	15	2.5	2	30	24	2.65	.034	4	6	.18	8	.02	2	.60	.01	.01	2	41
5094	47	3609	46	351	12.7	24	36	9640	29.75	89	5	ND	2	16	4.1	6	27	44	2.96	.029	2	11	.07	6	.02	2	.35	.01	.01	2	10
5095	9	149	9	453	.7	17	16	4755	11.75	29	5	ND	1	18	2.8	2	2	5	2.99	.012	2	2	.26	4	.01	2	.36	.01	.01	2	5
5096	1	62	2	117	.2	47	35	877	7.49	7	5	ND	1	20	.7	2	2	187	2.26	.067	8	22	1.86	8	.48	11	2.93	.02	.01	1	4
5097	1	270	13	136	.5	69	39	972	7.29	7	5	ND	1	19	.2	2	2	160	1.51	.058	5	35	2.61	10	.68	2	2.89	.02	.01	1	2
5098	2	154	2	115	.7	20	24	1468	6.11	13	5	ND	2	283	1.7	10	2	149	3.19	.115	9	14	2.64	133	.20	2	5.27	.37	.03	1	1
5099	1	182	10	88	1.2	25	60	1561	36.62	19	5	ND	3	6	1.3	9	3	34	2.97	.003	2	6	.12	4	.04	5	.60	.01	.01	9	6
5100	1	1824	12	53	21.6	14	81	730	46.34	23	5	ND	1	3	.2	2	12	13	.49	.003	2	3	.06	7	.02	2	.31	.01	.01	3	122
5101	2	159	13	54	22.8	1	44	935	58.22	3	5	ND	3	2	.2	2	2	20	.12	.001	2	13	.05	4	.08	2	.21	.01	.01	2	80
B 97149	1	12	6	50	.1	3	7	530	1.85	9	6	ND	4	114	.2	5	2	24	2.10	.025	5	4	.54	32	.06	2	3.13	.02	.08	1	4
B 97150	1	25	11	78	.1	120	38	565	5.26	2	5	ND	1	24	.2	4	2	102	2.37	.033	2	61	3.66	6	.24	14	3.65	.03	.01	1	6
D 60851	1	204	8	53	1.1	12	19	375	5.07	9	5	ND	2	47	.2	2	2	81	1.40	.077	6	13	1.36	42	.26	5	2.02	.09	.08	1	19
D 60852	1	27	18	43	.9	8	3	119	1.50	5	5	ND	1	27	.6	2	2	9	1.67	.037	7	6	.07	49	.11	4	1.13	.05	.06	3	5
D 60853	14	96	23	48	.8	92	27	143	3.04	32	6	ND	1	695	.5	4	2	32	5.40	.048	2	17	.18	39	.14	7	6.68	.33	.03	1	2
D 60854	13	9	44	64	.4	71	1	213	.31	19	5	ND	2	88	2.4	2	2	278	14.81	.050	6	16	.07	13	.05	3249	1.12	.01	.01	1	1
D 60855	16	94	41	513	2.1	59	15	111	3.87	52	6	ND	1	97	33.0	3	2	187	3.02	.168	6	41	.11	34	.15	29	2.13	.10	.04	1	3
STANDARD C/AU-R	19	60	41	136	7.4	70	32	1077	4.01	40	17	7	40	52	18.8	15	19	56	.50	.095	40	59	.87	180	.09	31	1.92	.06	.15	12	472

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 AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 29 1991 **DATE REPORT MAILED:** June 5/91. **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

WHOLE ROCK ICP ANALYSIS

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1485 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
5096	48.72	13.29	13.24	5.42	8.83	4.46	.21	1.94	.28	.24	.020	54	147	15	97	26	32	3.2	99.90
5097	47.99	14.45	13.60	6.08	7.87	3.58	.41	2.01	.28	.25	.024	234	273	19	98	26	20	3.2	99.83
5098	51.08	17.80	9.66	4.77	8.15	2.66	.24	.88	.51	.24	.004	649	897	15	97	20	20	3.7	99.93
B 97149	69.12	13.32	3.06	1.02	4.19	2.57	2.22	.31	.08	.10	.002	936	247	6	92	7	20	3.8	99.99
B 97150	48.75	15.86	9.89	7.15	7.99	4.66	.05	1.15	.15	.12	.040	40	293	2	55	14	20	4.1	99.92

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: ROCK

DATE RECEIVED: MAY 29 1991 **DATE REPORT MAILED:** June 5/91 **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	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG oz/t
5102	2	1570	11	64	19.7	8	86	875	56.07	19	5	ND	5	4	.6	5	26	14	.43	.003	2	9	.05	6	.01	3	.24	.01	.01	3	1250	.001	ND	.001

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 HOLBERG File # 91-1488 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
L62+00W 8+75S	3	29	2	50	.2	7	6	104	5.03	8	5	ND	4	12	.9	2	2	100	.12	.024	3	59	.18	15	.23	3	7.04	.01	.01	1	9
L62+00W 9+00S	3	31	3	41	.3	6	5	122	4.63	10	5	ND	5	12	.6	2	6	95	.12	.028	4	76	.14	15	.22	2	7.60	.01	.01	1	7
L62+00W 9+25S	3	23	2	44	.3	10	7	174	4.28	14	5	ND	2	18	.7	2	5	140	.20	.021	7	43	.23	16	.26	2	3.32	.01	.01	1	1
L62+00W 9+50S	2	22	15	44	.1	7	5	198	3.67	12	5	ND	2	22	.2	2	6	133	.21	.008	5	36	.21	62	.28	2	2.54	.02	.01	1	2
L62+00W 9+75S	1	43	8	36	.3	9	5	144	3.62	17	5	ND	5	14	.3	4	2	81	.16	.020	5	65	.22	14	.22	2	6.40	.01	.01	1	1
L62+00W 10+00S	2	15	2	48	.1	8	2	145	1.83	7	5	ND	2	19	.7	2	6	80	.21	.025	8	42	.17	21	.20	4	4.02	.01	.01	1	2
L62+00W 10+25S	2	5	5	32	.1	3	4	156	3.38	3	5	ND	1	22	.4	2	2	125	.21	.013	4	20	.15	17	.23	6	1.07	.02	.02	1	1
L62+00W 10+50S	4	4	9	20	.1	2	2	127	4.56	7	5	ND	2	18	.4	2	2	210	.16	.005	3	25	.09	19	.37	2	.91	.02	.01	1	1
L62+00W 10+75S	2	23	13	53	.1	5	5	141	3.98	7	5	ND	4	16	.3	2	4	95	.15	.017	5	50	.19	26	.24	2	4.98	.02	.01	1	1
L62+00W 11+00S	1	18	5	55	.1	8	5	211	2.71	9	5	ND	1	26	.3	2	2	65	.23	.018	4	25	.36	31	.15	6	1.82	.02	.01	1	3
L62+00W 11+25S	3	11	13	29	.5	1	5	112	5.13	9	5	ND	2	17	.8	2	2	151	.13	.017	4	34	.10	26	.35	4	2.03	.02	.01	1	1
L62+00W 11+50S	3	12	6	55	.3	12	6	253	1.48	8	5	ND	1	44	.8	3	2	38	.37	.018	7	26	.41	49	.15	5	2.04	.02	.01	1	1
L62+00W 11+75S	4	39	8	67	.1	13	9	319	4.36	8	5	ND	1	39	.4	2	5	87	.30	.035	6	43	.47	49	.19	2	3.81	.02	.02	1	3
L62+00W 12+00S	4	83	6	116	.2	30	33	1274	3.97	12	5	ND	1	111	1.3	2	2	79	1.33	.069	6	37	.98	69	.14	2	4.41	.01	.06	1	1
L62+00W 12+25S	10	34	6	73	.3	16	9	293	4.60	9	5	ND	1	36	.4	2	3	87	.29	.031	5	42	.52	55	.16	2	3.01	.02	.01	1	2
L62+00W 12+50S	4	28	10	86	.3	16	5	218	2.35	7	5	ND	1	35	.3	2	2	69	.52	.041	5	42	.42	87	.14	5	2.84	.02	.02	1	1
L61+00W 6+00S	2	4	2	11	.2	1	2	69	1.71	3	5	ND	3	29	.6	4	2	85	.07	.005	7	15	.05	21	.11	2	.61	.01	.01	1	1
L61+00W 6+25S	1	50	5	47	.6	45	23	151	8.58	5	5	ND	2	66	.5	2	2	487	.11	.015	3	126	.67	55	.86	4	1.15	.02	.02	1	3
L61+00W 6+50S	1	55	2	24	.6	13	11	210	8.25	15	5	ND	1	22	.6	2	2	363	1.26	.016	2	73	.06	16	1.04	2	1.15	.01	.01	1	2
L61+00W 6+75S	1	19	2	18	.1	7	4	75	4.03	2	5	ND	1	19	.4	2	2	319	.17	.009	2	63	.06	10	.67	2	.55	.01	.01	1	2
L61+00W 7+00S	4	24	12	32	.4	4	6	76	5.76	11	5	ND	2	8	.2	4	2	152	.09	.012	3	39	.08	12	.30	5	2.17	.01	.01	1	6
L61+00W 7+25S	2	12	6	18	.1	5	2	109	1.66	3	5	ND	1	12	.2	2	4	80	.11	.008	4	26	.11	10	.20	3	1.78	.01	.01	1	1
L61+00W 7+50S	2	8	7	12	.4	1	1	40	.56	2	5	ND	1	8	.2	2	2	39	.06	.012	4	13	.03	8	.15	2	.92	.01	.01	1	1
L61+00W 7+75S	4	38	2	42	.2	7	5	115	5.73	13	5	ND	5	12	.4	2	5	118	.11	.015	5	74	.20	16	.27	2	5.46	.01	.01	1	2
L61+00W 8+00S	1	2	2	12	.2	1	1	65	1.21	2	5	ND	1	33	.4	2	2	91	.16	.004	2	7	.11	17	.24	2	1.03	.01	.01	1	1
L61+00W 8+25S	1	4	5	11	.1	1	1	59	.40	2	5	ND	1	12	.3	2	2	69	.11	.005	3	8	.03	10	.26	3	.77	.01	.01	1	1
L61+00W 8+50S	2	8	5	17	.1	3	1	83	1.74	5	5	ND	1	12	.4	2	2	91	.12	.006	3	21	.05	6	.23	2	1.82	.02	.01	1	12
L61+00W 8+75S	4	10	6	35	.1	5	2	98	1.92	4	5	ND	1	15	.2	2	7	92	.16	.011	4	33	.17	10	.25	2	3.36	.02	.01	1	1
L61+00W 9+00S	2	17	7	38	.2	4	4	101	3.48	8	5	ND	1	10	.3	2	3	105	.14	.011	3	26	.11	8	.22	2	2.42	.01	.01	1	2
L61+00W 9+25S	2	6	5	47	.1	11	2	159	1.47	3	5	ND	1	18	.5	2	2	80	.23	.008	4	21	.23	29	.25	2	1.50	.02	.01	1	1
L61+00W 9+50S	1	32	3	51	.9	6	4	144	4.03	9	5	ND	4	15	.8	3	2	110	.17	.017	6	46	.20	28	.24	6	4.84	.02	.01	1	1
L61+00W 9+75S	2	31	10	64	.4	14	7	332	3.71	6	8	ND	1	46	.2	2	6	89	.53	.030	5	39	.53	47	.16	2	2.24	.02	.02	1	2
L61+00W 10+00S	3	33	16	69	.3	14	6	270	4.67	8	5	ND	1	32	.4	2	2	82	.39	.028	5	56	.47	34	.19	3	3.97	.01	.01	1	4
L61+00W 10+25S	1	47	2	80	.1	24	16	452	4.10	11	5	ND	1	46	.6	2	2	90	.59	.058	7	37	.62	63	.16	2	2.22	.03	.04	1	1
L61+00W 10+50S	1	25	6	37	.1	12	4	209	1.73	6	5	ND	1	38	.2	2	2	58	.48	.036	5	23	.33	21	.14	2	1.69	.02	.02	1	1
L61+00W 10+75S	2	12	6	40	.1	10	5	226	3.82	5	5	ND	1	30	.2	2	2	101	.27	.010	3	26	.34	17	.29	2	1.29	.02	.02	1	2
STANDARD C/AU-S	18	56	40	134	7.1	71	33	1051	4.02	38	20	6	38	52	18.4	15	19	55	.49	.095	38	60	.86	177	.09	33	1.89	.06	.15	12	46

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 AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 29 1991 DATE REPORT MAILED: June 4/91. 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
L61+00W 11+00S	3	2	9	20	.1	2	1	162	1.91	4	5	ND	1	20	.2	2	3	108	.21	.009	4	24	.13	7	.25	2	1.38	.01	.01	1	1
L61+00W 11+25S	2	17	14	38	.1	6	6	164	5.44	11	5	ND	3	20	.4	2	2	139	.21	.015	5	44	.19	21	.26	4	3.68	.02	.02	1	2
L61+00W 11+50S	4	5	12	36	.1	6	2	181	1.20	4	5	ND	1	27	.2	2	2	75	.28	.015	6	25	.28	28	.21	2	1.81	.02	.02	1	4
L61+00W 11+75S	5	9	16	36	.1	13	4	194	4.57	10	5	ND	2	20	.5	2	4	139	.20	.014	4	72	.63	19	.20	2	2.58	.01	.02	1	4
L61+00W 12+00S	9	30	18	53	.2	5	7	124	7.54	20	5	ND	7	19	.7	2	5	188	.13	.019	5	83	.21	25	.36	3	7.80	.01	.01	1	1
L61+00W 12+25S	4	1	10	23	.2	2	2	189	2.13	3	6	ND	1	29	.2	2	2	112	.15	.006	3	20	.29	28	.28	2	.78	.02	.02	1	1
L61+00W 12+50S	13	25	26	55	.1	8	6	289	6.84	16	5	ND	2	62	.2	2	2	202	.34	.021	7	57	.53	52	.39	6	3.99	.02	.02	1	2
L60+00W 9+00S	3	39	12	74	.2	16	9	401	3.94	11	5	ND	1	37	.8	2	2	88	.54	.045	5	42	.39	42	.18	3	2.62	.02	.02	1	1
L60+00W 9+25S	11	98	9	235	1.4	13	8	185	5.82	16	5	ND	2	45	2.3	2	6	139	.48	.037	7	48	.24	26	.30	7	5.47	.02	.01	1	4
L60+00W 9+50S	12	156	14	52	.1	10	8	439	8.47	25	5	ND	1	25	.2	2	9	198	1.24	.018	3	100	.10	24	.32	3	1.47	.01	.01	1	1
L60+00W 9+75S	3	11	16	38	.1	5	5	185	4.44	7	5	ND	1	23	.2	2	2	153	.28	.011	5	34	.22	22	.23	2	1.43	.02	.04	1	1
L60+00W 10+00S	3	24	12	35	.1	7	5	161	4.96	5	5	ND	2	22	.3	2	2	138	.21	.014	5	47	.19	23	.29	2	5.38	.02	.02	1	8
L60+00W 10+25S	6	17	8	52	.1	11	3	243	1.74	9	5	ND	2	29	.2	2	2	129	.33	.017	8	51	.41	27	.24	2	4.48	.02	.02	1	1
L60+00W 10+50S	3	29	10	64	.1	18	6	329	2.36	8	5	ND	2	51	.5	2	2	76	.63	.025	7	32	.55	36	.20	2	2.35	.02	.03	1	1
L60+00W 10+75S	3	7	10	23	.1	1	1	94	.74	3	5	ND	1	12	.2	2	2	58	.11	.015	5	25	.10	17	.23	2	1.08	.01	.03	1	1
L60+00W 11+00S	3	6	10	24	.1	3	1	72	.79	2	5	ND	1	10	.2	2	2	69	.11	.010	5	33	.07	17	.24	2	1.90	.01	.01	1	1
L60+00W 11+25S	1	2	3	16	.1	1	1	75	.30	2	5	ND	1	8	.2	2	2	42	.08	.007	4	22	.06	14	.16	2	.93	.01	.01	1	3
L60+00W 11+50S	5	13	7	39	.4	2	2	97	2.03	8	5	ND	1	16	.2	2	2	82	.20	.034	10	26	.11	18	.17	3	3.23	.01	.02	1	2
L60+00W 11+75S	2	1	3	16	.1	2	1	173	.81	3	5	ND	1	6	.2	2	2	56	.06	.006	5	10	.08	13	.13	4	.67	.01	.02	1	3
L60+00W 12+00S	2	1	3	16	.1	1	1	111	.46	2	5	ND	1	8	.2	2	2	42	.09	.008	4	12	.04	11	.15	3	.74	.01	.01	1	6
L60+00W 12+25S	2	2	7	13	.1	1	1	89	.77	2	5	ND	1	7	.2	2	2	52	.08	.005	4	7	.02	13	.11	2	.56	.01	.01	1	3
L60+00W 12+50S	3	9	8	25	.3	5	3	126	1.67	6	5	ND	2	9	.2	3	2	123	.20	.011	7	32	.10	18	.21	4	2.09	.01	.01	1	3
L58+00W 8+75S	5	19	13	31	.1	7	5	149	4.73	10	5	ND	3	20	.2	2	5	163	.19	.013	6	49	.21	23	.40	3	3.51	.02	.02	1	4
L58+00W 9+00S	4	9	2	25	.1	9	7	99	4.82	6	5	ND	1	10	.2	2	2	236	.09	.008	2	37	.07	13	.37	2	.90	.01	.01	1	4
L58+00W 9+25S	14	124	5	3708	.3	96	18	1256	2.76	166	12	ND	1	33	10.4	3	2	664	2.10	.413	13	80	.30	40	.09	10	4.56	.01	.01	1	11
L58+00W 9+50S	3	11	25	41	.1	9	3	79	.45	29	5	ND	1	8	.2	2	2	22	.20	.031	7	26	.14	33	.11	2	.86	.02	.09	1	15
L58+00W 9+75S	3	3	15	38	.4	2	1	106	.95	8	5	ND	2	11	.2	2	4	48	.14	.012	7	14	.13	16	.14	2	1.79	.01	.02	1	4
L58+00W 10+00S	1	1	3	12	.2	1	1	26	.08	2	5	ND	1	2	.2	2	2	4	.01	.007	2	2	.01	7	.03	3	.33	.01	.02	1	5
L58+00W 10+25S	1	1	7	18	.1	2	1	47	.32	2	5	ND	1	7	.2	2	2	17	.07	.010	4	11	.06	15	.08	2	.85	.01	.02	1	1
L58+00W 10+50S	2	11	8	33	.1	10	4	231	2.90	10	8	ND	1	31	.4	2	2	102	.32	.014	8	45	.37	20	.21	3	2.80	.01	.02	1	1
L58+00W 10+75S	13	7	16	77	.5	7	4	221	1.76	5	5	ND	1	23	.2	2	2	64	.29	.027	9	30	.27	27	.17	6	2.57	.02	.02	1	1
L58+00W 11+00S	6	1	22	17	.1	1	1	178	.76	2	5	ND	1	10	.2	2	2	69	.13	.007	6	13	.06	18	.23	3	.94	.01	.02	1	4
L58+00W 11+25S	12	27	17	79	.7	9	2	126	1.50	12	7	ND	1	19	.6	2	2	224	.40	.036	8	66	.22	35	.29	2	5.11	.02	.02	1	1
L58+00W 11+50S	17	11	15	57	.1	3	5	96	6.18	19	5	ND	1	13	.4	2	2	595	.57	.015	2	27	.11	21	.50	3	1.26	.01	.01	1	6
L58+00W 11+75S	5	4	14	18	.1	3	1	101	.77	2	5	ND	1	50	.3	2	2	108	.32	.016	3	39	.16	58	.33	4	.92	.02	.02	1	5
L58+00W 12+00S	17	6	19	31	.1	3	1	107	3.12	6	5	ND	1	15	.2	3	2	294	.41	.012	3	35	.08	27	.44	3	1.20	.01	.01	1	8
STANDARD C/AU-S	19	59	38	132	7.5	69	34	1043	3.93	39	19	7	39	52	18.9	14	20	55	.48	.090	39	59	.88	178	.09	32	1.89	.06	.15	11	46

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
L58+00W 12+25S	26	5	4	53	.6	5	1	61	3.70	7	5	ND	1	12	.3	2	2	269	.48	.014	2	41	.07	25	.27	2	2.26	.01	.01	1	5
L58+00W 12+50S	3	5	11	18	.1	3	1	66	.54	2	5	ND	1	14	.2	2	2	41	.11	.015	3	36	.07	17	.21	2	.98	.01	.02	1	5
L50+00W 3+50S	1	25	38	301	.8	22	12	1579	3.69	26	5	ND	1	28	2.7	2	2	90	.59	.074	7	39	.26	34	.11	2	3.70	.02	.02	1	7
L50+00W 3+75S	2	12	28	71	.1	9	2	193	2.37	9	5	ND	1	19	.3	2	2	88	.47	.024	5	32	.19	18	.17	2	2.70	.02	.02	1	5
L50+00W 4+00S	4	7	24	61	.2	9	4	200	5.95	18	5	ND	1	15	.2	2	2	196	.35	.013	4	37	.20	16	.31	2	1.72	.01	.01	1	3
L50+00W 4+25S	9	25	68	180	.3	36	9	622	4.11	26	5	ND	2	15	.7	2	2	178	.35	.254	7	59	.20	33	.17	2	6.47	.01	.03	1	3
L50+00W 4+50S	2	21	28	134	.2	17	4	297	3.49	25	5	ND	1	26	.5	2	2	128	.51	.024	4	40	.32	18	.23	2	1.82	.01	.01	1	3
L50+00W 4+75S	2	21	23	135	.7	18	4	197	3.09	12	5	ND	1	30	.4	2	5	99	.61	.034	5	37	.28	37	.15	2	1.88	.02	.03	1	6
L50+00W 5+00S	8	63	15	1261	3.0	131	22	1068	3.65	71	5	ND	1	40	4.9	3	3	108	1.27	.089	9	102	.42	29	.13	2	5.57	.01	.01	2	12
L48+00W 0+25S	1	21	108	299	1.5	18	20	5166	4.74	71	5	ND	1	46	3.1	3	4	72	.71	.062	6	22	.17	67	.18	2	4.91	.02	.04	3	3
L48+00W 0+50S	1	8	62	216	1.8	20	12	4583	2.15	45	5	ND	1	180	4.1	2	5	15	19.96	.034	2	11	.11	21	.04	2	1.34	.01	.02	1	1
L48+00W 0+75S	1	34	65	282	2.4	32	9	5991	3.23	61	5	ND	1	187	3.2	2	9	47	10.93	.237	8	19	.37	79	.04	3	2.90	.01	.05	1	4
L48+00W 1+00S	1	23	23	198	1.2	13	4	2637	1.24	32	5	ND	1	188	1.6	2	2	17	9.78	.165	2	10	.14	58	.02	4	1.30	.01	.02	1	2
L48+00W 1+25S	1	19	19	117	.7	8	3	3007	.88	20	5	ND	1	218	.8	2	5	11	13.19	.189	2	6	.13	41	.02	14	.92	.01	.05	1	2
L48+00W 1+50S	2	36	223	1043	2.5	42	28	1390	5.42	128	5	ND	1	116	5.4	6	3	98	3.00	.101	2	51	2.06	33	.14	3	4.89	.04	.05	1	2
L48+00W 1+75S	25	29	152	429	1.7	48	14	281	6.11	58	5	ND	2	31	1.9	3	6	217	.89	.052	3	47	.15	34	.29	2	3.43	.01	.02	1	4
L48+00W 2+00S	38	31	103	271	1.8	56	7	239	7.57	306	5	ND	2	16	1.7	4	2	290	.60	.046	5	69	.31	28	.34	3	4.17	.01	.02	1	2
L48+00W 2+25S	2	7	10	28	.1	6	2	57	.97	26	5	ND	1	5	.2	2	2	27	.15	.009	2	4	.03	3	.04	2	.23	.01	.01	2	3
L48+00W 2+50S	31	40	9	208	1.1	30	4	132	5.38	32	5	ND	1	20	.5	2	2	299	.41	.033	5	54	.12	36	.31	2	3.03	.01	.02	1	760
L48+00W 2+75S	11	23	33	535	.3	39	4	665	3.67	56	5	ND	1	18	3.0	2	2	613	1.37	.036	7	73	.04	18	.25	2	1.94	.01	.01	1	17
L48+00W 3+00S	8	51	14	1418	1.3	150	11	4044	3.77	73	5	ND	1	52	33.0	4	2	573	3.00	.145	15	151	.12	48	.16	9	3.65	.01	.02	1	11
L48+00W 3+25S	7	39	22	889	1.5	69	15	956	5.76	117	8	ND	2	24	10.8	2	2	400	.99	.071	15	149	.11	32	.26	5	5.43	.01	.03	1	4
L48+00W 3+75S	14	18	49	333	.9	28	9	811	5.14	63	5	ND	1	16	1.4	3	2	283	1.68	.036	5	70	.10	20	.21	4	3.06	.01	.01	2	4
L48+00W 4+00S	12	41	38	488	.9	73	14	978	4.68	55	5	ND	1	19	2.6	2	2	602	1.35	.074	12	88	.15	26	.20	2	4.66	.01	.01	1	2
L48+00W 4+25S	6	28	19	224	.5	25	8	512	3.99	24	5	ND	1	40	1.4	2	6	323	2.81	.087	2	33	.26	27	.15	2	1.84	.01	.01	1	7
STANDARD C/AU-S	18	61	35	136	7.3	73	33	1076	4.04	38	15	7	39	52	18.6	15	22	56	.49	.097	39	59	.87	181	.09	34	1.97	.06	.15	13	48

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

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT CAMECO FILE # 91-1305R

SAMPLE#	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG oz/t
B 97122	1200	.001	ND	.001
B 97123	2250	.160	ND	.160
B 97124	1700	.003	ND	.003
B 97125	1300	.001	.02	.001
B 97129	1500	.002	ND	.002
B 97131	1000	.001	ND	.001

-100 MESH AU BY FIRE ASSAY FROM 1 A.T.
- SAMPLE TYPE: REJ.+ PULP

DATE RECEIVED: MAY 24 1991 DATE REPORT MAILED: June 4/91.

SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 CAMECO File # 91-1388

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
5060	2	1	52	91	.4	1	1	1490	.36	2	5	ND	1	108	.5	2	2	1	3.71	.011	11	5	.06	59	.01	7	.52	.01	.26	1	2
5061	1	51	18	112	.3	98	17	794	3.32	5	5	ND	1	419	.7	2	6	62	3.95	.055	2	139	1.28	137	.24	6	6.87	.71	.46	1	5
5062	2	61	10	167	.1	14	10	491	4.03	3	5	ND	1	127	.8	2	2	95	1.39	.085	10	30	.81	139	.26	6	1.79	.12	.24	2	3
5063	1	80	2	39	.1	53	17	166	5.48	2	5	ND	1	127	.2	2	2	153	1.18	.053	2	128	.55	95	.26	4	1.55	.22	.04	1	2
5064	1	538	4	3990	.3	5	9	4444	3.32	19	5	ND	1	29	27.0	2	2	7	2.91	.028	7	21	.17	19	.02	3	.44	.01	.01	1	13
5065	1	1315	51	31391	1.7	1	63	15203	3.81	10	5	ND	1	13	254.1	2	2	2	2.37	.009	2	81	.71	35	.01	3	.11	.01	.01	1	13
5066	1	1995	6	103	1.2	66	17	1840	6.49	21	5	ND	1	32	.8	2	2	85	5.37	.196	2	26	.19	5	.05	2	.95	.01	.01	1	3
5067	1	670	21	668	2.0	24	21	3217	20.40	33	5	ND	1	69	5.1	3	2	30	2.45	.024	2	39	.88	22	.13	2	1.97	.01	.01	2	14
5068	3	55	10	95	.1	9	14	1943	3.40	2	5	ND	1	66	.2	2	2	48	.82	.042	6	10	1.72	159	.22	3	2.31	.03	.12	1	3
5069	1	103	4	413	.1	11	10	1286	3.78	5	5	ND	1	55	2.5	2	2	92	1.05	.072	6	24	.92	109	.16	4	1.54	.07	.08	1	3
5070	1	28818	795	33649	21.4	5	95	7760	8.06	78	6	ND	1	38	228.3	2	2	8	3.10	.035	2	72	.50	22	.02	2	.68	.01	.01	1	37
5071	1	75815	885	99999	144.1	8	751	2493	9.16	112	6	ND	1	14	1233.2	2	11	3	.78	.051	2	242	.11	3	.01	2	.22	.01	.01	2	105
5072	1	3027	9	2265	8.8	5	64	3574	14.18	45	5	ND	1	9	15.5	2	6	1	.85	.006	2	10	.13	3	.01	2	.10	.01	.01	1	12
5073	1	1026	391	30187	4.3	6	57	3869	6.14	29	5	ND	1	55	214.7	2	6	10	6.64	.014	2	61	.84	42	.03	2	1.10	.01	.01	1	11
5074	1	50	5	142	.1	35	15	595	3.50	2	5	ND	1	60	.3	2	2	90	1.05	.062	5	148	1.02	154	.15	4	1.65	.14	.09	1	3
5075	3	96	6	27	.2	110	47	1597	3.86	22	5	ND	1	54	.2	2	2	78	7.15	.053	2	77	.11	17	.25	2	2.23	.01	.01	1	4
5076	2	35818	9	262	69.9	301	646	1428	28.40	330	5	ND	1	2	3.3	8	12	5	.71	.023	2	8	.54	4	.01	2	.63	.01	.01	1	203
5077	1	89	95	10748	1.1	2	20	6073	4.43	16	5	ND	1	53	73.0	2	2	7	6.23	.009	2	29	.28	14	.03	2	.79	.01	.01	1	25
5078	1	8715	345	99999	11.1	16	51	3527	14.67	50	5	ND	1	31	1321.8	2	5	15	3.05	.032	2	215	.59	4	.04	2	1.37	.01	.01	2	32
5079	1	10396	60	1687	28.5	278	263	3249	42.87	125	5	ND	1	1	17.1	2	53	1	.67	.008	2	13	.05	4	.01	2	.14	.01	.01	1	151
5080	1	144	7	39	.1	10	6	1721	11.95	142	5	ND	1	1	2.5	2	2	140	13.33	.009	2	12	.03	9	.02	2	.58	.01	.01	14	5
5081	1	247	18	191	.6	26	27	547	5.30	5	5	ND	1	184	1.4	2	6	131	1.97	.088	5	41	1.89	70	.24	4	3.90	.39	.09	1	5
5082	1	91	7	88	.1	12	11	486	4.03	2	5	ND	2	66	.6	2	5	94	1.43	.096	9	17	.81	81	.23	3	1.71	.13	.12	1	3
5083	7	35	22	1782	1.2	3	9	1299	4.64	5	5	ND	2	177	11.9	2	2	16	2.26	.024	4	4	.14	9	.06	2	1.37	.01	.01	1	5
B 97132	2	207	8	294	.6	14	12	616	2.56	3	5	ND	1	45	.9	2	4	53	1.67	.097	9	17	.30	73	.19	6	1.13	.10	.10	2	7
B 97133	1	1293	80	25235	6.5	31	141	5487	10.88	45	11	ND	1	121	159.3	2	4	6	15.75	.112	2	32	.31	5	.02	2	.53	.01	.01	2	3
B 97134	10	202	2	36	.1	100	27	44	4.10	5	5	ND	1	527	.7	2	5	30	5.05	.076	3	40	.09	33	.17	3	7.02	.18	.03	2	6
B 97135	5	77	10	142	.1	9	10	198	1.54	2	5	ND	2	38	.7	2	2	8	.52	.039	9	6	.15	52	.09	4	.58	.10	.04	1	6
B 97136	5	233	85	240	3.2	16	20	908	20.67	139	5	ND	1	3	2.1	2	8	3	.66	.007	2	6	.13	3	.02	2	.08	.01	.01	3	15
B 97137	1	63	3	128	.2	186	26	707	4.51	5	5	ND	1	425	1.1	2	3	68	3.21	.048	2	223	1.64	29	.14	3	5.96	.33	.06	1	5
B 97138	1	24	2	198	.1	4	1	265	.20	5	5	ND	1	433	1.3	2	2	4	38.14	.001	2	4	.08	3	.01	4	.08	.01	.01	1	4
STANDARD C/AU-R	17	60	43	131	7.0	70	33	1056	3.97	37	22	6	39	52	18.5	15	19	56	.49	.090	39	58	.88	177	.09	33	1.94	.06	.15	11	499

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 AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 21 1991 DATE REPORT MAILED: May 28/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ASSAY RECOMMENDED for Cu, Zn > 1%. Ag > 30 ppm.

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

WHOLE ROCK ICP ANALYSIS

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1388

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
5060	72.32	11.86	1.00	.40	4.85	.20	3.26	.13	.04	.21	.004	682	116	12	61	12	20	5.6	100.02
5061	49.94	15.52	9.38	7.25	11.17	2.05	1.19	.77	.14	.42	.050	415	499	2	23	10	20	2.0	100.01
5062	61.11	14.60	6.92	2.94	5.34	3.83	2.40	.74	.20	.17	.005	1084	510	2	108	21	20	1.5	100.02
5063	50.08	14.84	11.43	5.55	9.99	3.76	.85	1.70	.19	.15	.034	359	564	4	88	24	20	1.3	100.02
5068	62.25	14.19	5.98	2.79	4.98	1.57	4.37	.57	.12	.34	.003	2912	460	2	90	18	20	2.3	100.03
5069	54.59	14.66	8.43	4.43	7.02	4.23	2.25	.78	.20	.58	.002	2305	518	2	80	19	20	2.4	100.04
5074	52.65	14.57	8.55	6.22	9.03	3.49	1.94	.72	.19	.25	.034	1580	523	2	58	16	20	2.1	100.08
5081	49.59	16.16	10.75	5.69	8.41	4.05	1.08	.88	.28	.18	.008	653	641	5	47	18	20	2.7	99.98
5-82	57.02	15.25	7.87	3.37	7.97	4.09	1.76	.74	.24	.19	.005	689	527	4	71	21	20	1.4	100.10
B 97138	10.86	.33	.47	.24	48.46	.10	.47	.02	.04	.05	.004	46	453	2	9	5	20	38.8	99.91
STANDARD SO-4	67.35	10.25	3.55	1.11	1.72	1.47	2.01	.56	.23	.08	.007	787	174	35	321	19	22	11.4	99.94

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: ROCK

DATE RECEIVED: MAY 21 1991 **DATE REPORT MAILED:** May 28/91. **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. PROJECT HOLBERG File # 91-1363 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
96+00W 0+25S	7	73	8	106	.2	17	6	378	3.74	4	5	ND	3	50	.2	2	2	80	.47	.031	9	34	.47	22	.28	3	7.51	.01	.02	1	13
96+00W 0+50S	3	44	15	108	.3	13	5	328	3.61	2	5	ND	3	43	.2	2	2	114	.40	.026	7	35	.36	24	.29	3	3.99	.02	.03	1	12
96+00W 0+75S	2	50	43	57	.5	15	11	270	2.87	6	5	ND	1	38	.2	2	2	125	.76	.025	5	59	.47	27	.43	4	3.21	.03	.03	1	7
96+00W 1+00S	8	50	62	71	.4	4	4	173	24.94	9	5	ND	1	20	.2	3	3	162	.22	.049	4	36	.06	11	.30	3	1.84	.01	.01	1	12
96+00W 1+25S	1	10	10	23	.3	4	2	172	2.15	2	5	ND	1	22	.2	2	3	114	.23	.012	5	23	.08	24	.22	2	1.73	.02	.02	1	7
96+00W 1+50S	1	5	8	14	.1	7	3	245	3.35	2	5	ND	1	19	.2	2	5	188	.23	.004	2	43	.10	13	.37	2	.89	.01	.02	1	4
96+00W 1+75S	2	37	15	65	.2	10	2	213	1.94	7	5	ND	4	29	.2	2	2	167	.57	.027	8	103	.27	14	.28	3	7.99	.01	.01	1	7
96+00W 2+00S	29	40	25	114	.2	10	4	309	1.26	4	5	ND	1	53	.6	2	2	85	.89	.024	7	35	.28	41	.21	2	2.15	.02	.03	1	2
96+00W 2+25S	15	26	28	147	.2	14	7	313	5.83	15	5	ND	1	27	.5	2	2	161	.57	.023	4	46	.22	30	.33	2	4.84	.02	.02	1	4
96+00W 2+50S	21	31	27	189	.6	14	15	1581	5.72	15	5	ND	2	32	.7	2	3	170	.78	.040	8	44	.19	53	.32	6	4.72	.02	.03	1	1
96+00W 2+75S	13	31	31	213	.4	19	30	1682	4.98	19	5	ND	1	45	.6	5	2	131	.98	.038	7	39	.25	41	.22	2	5.36	.02	.03	3	5
96+00W 3+00S	16	24	17	112	.8	10	13	669	4.81	17	5	ND	2	26	.3	3	2	114	.40	.034	6	27	.14	39	.21	2	5.85	.02	.03	1	3
96+00W 3+25S	7	23	6	176	.6	11	6	234	3.60	28	6	ND	2	54	.3	2	2	85	.94	.037	6	18	.17	43	.17	2	5.18	.02	.03	1	3
96+00W 3+50S	16	34	14	230	.6	23	7	482	5.44	63	5	ND	3	27	.3	2	2	144	.60	.032	5	49	.20	40	.28	3	7.75	.01	.02	1	5
96+00W 3+75S	23	45	30	252	.9	24	9	296	5.95	85	5	ND	2	24	.4	3	3	178	.57	.024	7	55	.16	27	.33	2	6.65	.02	.01	1	5
96+00W 4+00S	14	25	16	102	.4	13	4	172	5.87	48	5	ND	2	25	.4	2	2	135	.32	.023	6	22	.11	33	.22	2	3.83	.02	.02	1	3
96+00W 4+25S	15	37	22	280	.5	25	4	234	4.10	108	6	ND	2	31	.5	2	2	111	.67	.035	6	47	.17	38	.20	4	4.92	.02	.02	1	7
96+00W 4+50S	23	98	45	166	1.0	23	16	361	4.91	167	13	ND	1	17	.2	4	2	163	.53	.051	10	84	.19	17	.32	2	9.79	.02	.02	1	7
96+00W 4+75S	7	37	20	100	.6	16	5	267	5.58	23	5	ND	1	24	.2	5	2	250	.75	.025	4	62	.25	26	.42	2	4.27	.02	.02	1	2
96+00W 5+00S	7	25	25	86	.4	10	4	351	7.81	16	5	ND	1	25	.2	3	2	261	.90	.022	3	48	.19	21	.51	2	2.85	.01	.02	1	4
96+00W 5+25S	4	72	25	188	.7	30	7	402	5.03	17	5	ND	2	30	.2	3	2	143	.82	.031	8	73	.39	34	.33	2	7.26	.02	.02	1	2
96+00W 5+50S	2	7	27	22	.5	4	1	155	1.08	7	5	ND	1	19	.2	2	2	87	.57	.011	4	20	.05	18	.33	6	1.20	.01	.02	1	2
96+00W 5+75S	5	12	25	37	.3	9	2	257	2.98	6	5	ND	1	25	.2	2	2	135	.72	.010	4	33	.22	18	.36	4	1.87	.02	.02	1	5
96+00W 6+00S	3	29	27	46	.4	8	3	237	7.27	5	5	ND	1	24	.2	2	2	219	.62	.018	4	50	.17	18	.39	4	3.35	.02	.01	1	2
96+00W 6+25S	4	30	24	45	.2	10	3	222	6.03	11	5	ND	1	22	.2	4	2	172	.56	.018	3	54	.20	18	.44	2	4.25	.02	.02	1	2
96+00W 6+50S	4	24	28	39	.3	9	2	200	4.19	7	5	ND	1	20	.2	2	6	178	.57	.019	4	48	.21	17	.36	2	2.72	.02	.02	1	11
96+00W 6+75S	1	20	13	46	.3	12	2	145	2.90	2	5	ND	1	22	.2	2	2	101	.43	.033	4	35	.20	29	.25	6	1.70	.02	.03	1	4
96+00W 7+00S	2	16	31	15	.2	4	1	182	1.31	2	5	ND	1	17	.2	2	2	129	.66	.008	5	30	.06	9	.35	2	1.59	.01	.01	1	2
94+00W 0+25S	7	70	52	350	.5	29	18	1944	3.88	15	5	ND	1	71	3.1	2	2	136	2.10	.084	7	37	.43	49	.16	2	3.31	.03	.04	1	4
94+00W 0+50S	2	30	6	120	.5	22	10	1050	5.61	8	5	ND	1	57	1.7	2	2	177	1.58	.025	4	69	.22	29	.27	4	3.05	.03	.02	1	3
94+00W 0+75S	1	22	9	148	.5	22	10	452	4.50	17	6	ND	1	69	.9	2	2	112	2.05	.033	4	67	.41	26	.28	8	1.84	.04	.04	1	5
94+00W 1+00S	3	96	9	208	.6	16	7	2177	1.56	12	11	ND	1	56	6.3	2	2	39	2.85	.064	4	31	.13	27	.06	8	1.60	.02	.03	1	1
94+00W 1+25S	3	24	14	41	.3	14	6	313	6.89	9	5	ND	1	20	.3	6	2	194	.92	.019	3	66	.09	11	.47	2	1.90	.02	.02	1	10
94+00W 1+50S	2	22	21	50	.4	18	7	320	6.65	8	5	ND	1	31	.2	2	3	209	.97	.010	3	60	.21	14	.50	2	1.38	.02	.01	1	4
94+00W 1+75S	2	28	29	98	.5	16	6	261	5.95	26	5	ND	2	30	.2	2	3	169	.62	.021	4	64	.23	23	.39	3	4.54	.02	.01	1	7
94+00W 2+00S	1	37	39	366	.7	28	17	2572	4.44	37	5	ND	1	56	2.8	2	2	90	2.27	.092	11	35	.46	35	.21	5	4.58	.03	.02	1	17
STANDARD C/AU-S	18	58	40	130	7.1	70	33	1058	3.92	43	16	7	39	52	18.5	14	21	56	.49	.089	39	59	.87	174	.09	37	1.86	.06	.15	11	46

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 AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 21 1991 **DATE REPORT MAILED:** May 28/91 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Daiwan Engineering Ltd. PROJECT HOLBERG FILE # 91-1363 Page 2

ACME ANALYTICAL

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
94+00W 2+25S	1	581	95	3731	5.3	41	39	13724	11.39	38	5	ND	1	35	53.5	2	2	184	1.26	.145	9	46	.30	55	.17	6	3.84	.02	.02	19	16
94+00W 2+50S	7	242	93	2048	1.9	51	31	7276	8.94	42	5	ND	1	55	16.7	2	2	196	1.64	.093	10	46	.42	64	.22	7	4.15	.02	.02	9	14
94+00W 2+75S	12	91	52	407	1.5	37	20	2487	6.03	31	6	ND	1	32	3.3	2	5	338	1.40	.098	9	69	.20	50	.26	6	4.67	.02	.02	1	4
94+00W 3+00S	11	33	31	139	.8	10	5	428	8.12	22	5	ND	2	20	.7	4	8	266	.76	.036	4	53	.14	22	.37	4	4.49	.02	.03	1	2
94+00W 3+25S	34	131	289	773	2.1	94	31	6557	10.62	56	8	ND	1	48	4.7	4	7	436	2.20	.065	10	76	.65	31	.18	3	3.99	.01	.02	5	15
94+00W 3+50S	8	69	18	221	1.7	84	13	488	5.95	59	5	ND	1	45	.8	2	2	295	1.26	.037	5	128	.89	53	.21	3	3.06	.02	.03	1	5
94+00W 3+75S	8	46	27	90	.5	15	5	225	6.41	14	5	ND	1	21	.2	3	2	203	.61	.022	5	65	.19	16	.38	3	5.04	.02	.01	1	2
94+00W 4+00S	2	10	20	32	.2	12	4	256	4.42	5	5	ND	1	14	.2	2	3	209	.45	.010	3	38	.11	17	.35	4	.92	.02	.02	1	2
94+00W 4+25S	6	15	16	34	.3	14	6	167	5.22	3	5	ND	1	14	.2	2	2	207	.34	.012	4	45	.10	19	.38	2	1.00	.02	.02	1	1
94+00W 4+50S	2	16	11	25	.5	10	4	167	4.86	3	5	ND	1	12	.2	3	3	189	.36	.008	3	37	.05	13	.32	2	.90	.01	.02	1	1
94+00W 4+75S	6	43	25	90	.4	14	4	211	7.18	10	5	ND	2	19	.2	2	3	183	.48	.024	6	81	.21	19	.39	2	5.94	.02	.01	1	1
94+00W 5+00S	45	55	30	93	.6	17	6	569	8.34	28	5	ND	1	25	.2	3	3	298	2.40	.032	7	39	.10	60	.49	3	2.24	.02	.02	1	4
94+00W 5+75S	2	13	23	53	.3	11	2	230	2.24	4	5	ND	1	22	.2	2	2	95	.53	.021	4	28	.28	22	.29	2	1.37	.02	.03	1	1
94+00W 6+00S	2	34	31	80	.3	15	3	230	1.49	6	5	ND	1	28	.2	2	2	84	.62	.033	5	40	.25	21	.22	2	2.93	.01	.02	1	1
94+00W 6+25S	5	12	20	40	.1	6	1	191	1.27	3	5	ND	1	23	.2	2	2	99	.54	.009	3	28	.15	16	.34	2	1.59	.02	.02	1	2
94+00W 6+50S	5	11	30	42	.2	9	2	200	1.32	3	5	ND	1	26	.2	2	2	106	.57	.010	4	32	.19	18	.37	2	1.58	.02	.02	1	1
94+00W 6+75S	4	12	23	46	.2	8	3	198	8.23	6	5	ND	1	18	.2	2	4	254	.33	.018	4	50	.21	17	.48	2	1.22	.02	.03	1	1
94+00W 7+00S	4	22	20	67	.3	13	4	263	5.48	8	5	ND	2	25	.2	2	4	141	.50	.013	5	66	.28	23	.39	2	5.41	.02	.02	1	2
32+00W 0+00S	2	41	3	36	.3	9	5	165	6.29	3	5	ND	2	13	.2	2	2	200	.20	.043	4	54	.16	16	.41	3	4.46	.01	.02	1	1
32+00W 0+25S	3	25	3	34	.1	6	5	347	4.61	8	5	ND	1	51	.2	2	5	123	.49	.030	7	26	.35	31	.28	2	2.67	.02	.02	1	1
32+00W 0+50S	4	13	8	45	.2	5	10	542	4.99	6	5	ND	1	103	.2	2	2	92	1.17	.029	7	17	.50	39	.15	5	3.71	.02	.05	1	1
26+00W 0+00S	1	6	2	61	.1	2	1	105	.34	2	5	ND	1	23	.2	2	2	8	.25	.023	2	5	.12	7	.02	2	.27	.02	.02	1	1
26+00W 0+25S	1	11	2	109	.1	6	3	155	.54	2	5	ND	1	36	.5	2	2	15	.56	.042	2	7	.08	56	.03	4	.68	.02	.02	1	1
26+00W 0+50S	7	14	8	38	.3	4	3	153	4.65	12	5	ND	1	17	.2	5	2	209	.21	.017	4	28	.10	14	.40	2	2.12	.01	.02	1	2
26+00W 0+75S	7	21	12	69	.5	9	5	203	7.51	17	5	ND	2	19	.6	2	5	200	.25	.023	4	44	.19	25	.41	3	2.70	.02	.02	1	4
26+00W 1+00S	4	19	15	61	.3	6	3	162	5.61	11	5	ND	3	17	.2	2	2	165	.22	.016	5	36	.18	24	.42	3	3.76	.02	.02	1	1
26+00W 1+50S	13	25	9	96	.4	11	13	676	6.18	29	5	ND	1	26	.2	2	4	122	.50	.021	5	47	.33	26	.28	2	3.42	.02	.03	1	3
26+00W 1+75S	6	13	9	32	.3	4	2	137	3.86	14	5	ND	1	13	.2	2	3	271	.22	.016	5	45	.13	13	.50	2	2.53	.01	.02	1	1
26+00W 2+00S	9	24	10	135	.2	11	5	167	.85	16	5	ND	1	19	2.3	2	2	61	.31	.049	7	23	.15	26	.10	5	2.62	.01	.01	1	2
26+00W 2+25S	10	33	10	229	.1	18	10	649	1.73	25	5	ND	1	34	1.9	2	2	84	.56	.066	8	40	.33	39	.17	5	4.15	.02	.03	1	1
26+00W 2+50S	19	25	19	139	.4	14	6	182	1.68	50	12	ND	1	25	.2	2	2	115	.33	.040	11	54	.29	26	.21	5	6.11	.02	.02	1	1
26+00W 2+75S	11	24	13	52	.3	6	4	149	8.53	22	5	ND	1	10	.2	4	7	321	.10	.017	5	49	.28	13	.50	5	2.35	.02	.02	2	3
26+00W 3+00S	2	26	11	42	.2	7	4	124	8.88	15	5	ND	3	9	.2	2	5	179	.13	.021	4	90	.14	16	.45	3	6.27	.01	.02	1	2
26+00W 3+25S	3	17	10	32	.2	5	2	133	4.35	19	5	ND	1	80	.2	2	2	141	.52	.017	3	29	.19	44	.28	2	1.89	.02	.05	1	2
26+00W 3+50S	6	8	23	34	.1	4	1	162	3.47	15	5	ND	1	25	.2	2	2	171	.19	.010	3	25	.20	19	.35	2	1.31	.02	.03	1	2
26+00W 3+75S	5	23	17	65	.4	8	3	165	3.57	22	5	ND	4	13	.2	2	3	135	.21	.022	5	68	.25	25	.36	4	6.53	.01	.02	1	4
STANDARD C/AU-S	18	59	40	132	7.0	71	33	1045	3.91	39	19	7	39	52	18.6	15	19	56	.48	.086	39	57	.88	175	.09	33	1.84	.06	.15	13	51

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
26+00W 4+00S	4	21	8	47	.4	5	6	106	5.97	18	5	ND	4	11	.4	2	2	158	.15	.016	5	71	.13	17	.29	6	5.24	.01	.02	3	3
26+00W 4+25S	8	5	26	25	.2	3	3	72	2.46	10	5	ND	1	18	.3	2	2	84	.18	.014	5	27	.07	21	.21	5	1.42	.01	.02	2	1
26+00W 4+50S	5	11	12	31	.2	4	7	124	4.48	10	8	ND	1	13	.5	2	5	230	.25	.012	4	45	.23	10	.44	6	1.89	.01	.03	2	1
26+00W 4+75S	4	31	15	44	.6	9	7	117	6.55	17	5	ND	3	14	.2	2	2	168	.21	.020	5	85	.20	19	.41	2	5.40	.02	.02	1	3
26+00W 5+00S	3	6	17	18	.3	2	2	125	1.53	9	5	ND	1	15	.2	2	3	136	.18	.005	4	31	.10	13	.46	2	1.24	.01	.02	1	1
26+00W 5+25S	12	11	17	32	.5	4	4	135	2.18	12	5	ND	2	45	.6	3	2	118	.15	.015	7	44	.27	35	.28	3	2.87	.02	.03	1	1
26+00W 5+50S	2	28	4	51	.1	6	7	249	3.75	11	5	ND	1	47	.2	2	4	112	.39	.032	7	37	.50	33	.22	5	4.16	.02	.03	1	1
26+00W 5+75S	3	25	12	34	.4	7	4	113	3.44	17	5	ND	1	11	.4	2	3	103	.14	.023	9	63	.21	17	.27	4	4.06	.02	.02	2	2
26+00W 6+00S	3	16	10	35	.2	8	4	113	4.50	9	5	ND	2	10	.2	2	2	119	.13	.017	4	64	.20	8	.28	5	3.14	.02	.02	1	1
26+00W 6+25S	3	10	19	29	.2	9	4	110	2.28	11	5	ND	1	15	.4	2	7	133	.18	.016	5	68	.23	21	.43	2	2.03	.02	.02	2	2
26+00W 6+50S	5	20	16	38	.3	10	6	166	6.47	11	5	ND	5	15	.6	2	3	146	.21	.014	4	94	.32	12	.41	5	5.14	.02	.03	1	5
26+00W 6+75S	4	6	21	22	.3	2	2	130	2.70	10	5	ND	1	10	.2	2	2	146	.13	.010	5	46	.21	16	.39	5	1.57	.01	.02	2	3
26+00W 7+00S	5	11	22	24	.2	3	3	149	2.03	5	5	ND	1	33	.2	2	5	121	.15	.017	5	33	.20	25	.37	3	2.25	.02	.02	1	1
26+00W 7+25S	6	6	17	27	.2	1	2	129	1.30	4	5	ND	1	34	.2	2	3	81	.16	.018	5	23	.17	23	.23	2	1.52	.02	.03	1	160
26+00W 7+50S	4	5	13	32	.2	2	3	127	1.73	4	8	ND	1	32	.2	2	2	79	.16	.018	4	17	.14	27	.22	2	1.04	.02	.03	2	2
26+00W 7+75S	3	7	2	23	.3	7	7	178	5.40	10	5	ND	2	17	.2	2	2	208	.14	.008	4	48	.33	13	.33	7	1.32	.01	.03	1	2
26+00W 8+00S	5	31	11	32	.6	3	5	112	2.86	14	5	ND	2	21	1.0	6	11	97	.13	.034	9	48	.17	19	.21	6	5.84	.02	.01	5	1
24+00W 0+00S	13	14	12	26	.1	2	3	146	2.69	4	5	ND	1	16	.2	2	2	210	.23	.024	5	50	.11	14	.42	2	1.91	.02	.02	1	3
24+00W 0+25S	15	25	20	318	.7	17	8	709	3.51	36	5	ND	1	36	2.3	2	2	175	1.15	.043	6	38	.31	31	.28	7	2.29	.03	.03	1	3
24+00W 0+50S	12	29	12	137	.4	14	12	220	7.19	54	5	ND	1	28	3.2	2	2	238	.91	.034	7	62	.28	18	.44	7	4.46	.02	.02	1	1
24+00W 0+75S	44	81	19	400	1.0	50	44	12203	4.53	58	16	ND	1	26	14.5	2	2	193	.90	.086	18	63	.14	77	.14	11	3.56	.02	.02	1	2
24+00W 1+00S	36	33	18	259	.5	20	16	7750	5.87	36	9	ND	1	19	6.5	2	2	291	1.27	.036	7	46	.13	58	.24	3	2.06	.01	.03	1	3
24+00W 1+25S	14	84	19	202	.6	23	31	2549	5.91	47	6	ND	1	15	2.5	2	4	226	.61	.063	9	75	.24	32	.30	6	6.54	.02	.02	1	3
24+00W 1+50S	9	46	24	215	.8	19	13	1992	5.34	47	5	ND	1	29	2.3	2	5	231	1.39	.067	6	71	.26	25	.20	8	1.83	.02	.03	2	3
24+00W 1+75S	17	24	44	182	1.9	10	7	434	5.63	124	5	ND	2	20	1.8	7	2	541	.53	.033	4	43	.06	28	.35	6	1.05	.01	.02	2	40
24+00W 2+25S	11	32	42	695	1.7	17	31	1163	7.66	45	5	ND	1	66	6.7	2	2	363	1.18	.065	7	46	.33	64	.23	7	3.72	.05	.06	1	54
24+00W 2+50S	6	15	40	46	.5	3	4	190	1.23	12	5	ND	1	16	1.3	3	2	134	.42	.014	4	39	.09	20	.42	6	1.28	.01	.02	2	9
24+00W 3+50S	14	36	68	161	1.8	15	6	308	5.66	30	5	ND	2	22	1.4	2	2	301	.44	.032	4	86	.27	47	.31	4	6.35	.02	.02	1	4
24+00W 3+75S	68	10	39	278	.2	3	18	515	4.06	65	5	ND	1	17	.9	2	2	127	.19	.021	8	26	.10	22	.19	5	2.20	.01	.03	1	1
24+00W 4+00S	7	22	19	109	.1	3	5	251	5.41	29	5	ND	3	15	.9	2	2	105	.20	.018	6	70	.24	23	.27	4	7.75	.01	.02	1	1
24+00W 4+25S	3	23	22	82	.3	12	6	164	7.36	14	5	ND	4	18	1.0	2	2	147	.26	.017	4	81	.22	26	.35	4	7.79	.02	.03	1	3
24+00W 4+50S	2	6	10	17	.2	2	1	165	1.23	8	5	ND	1	16	.2	2	2	39	.11	.009	7	9	.04	18	.09	2	1.22	.01	.02	1	1
22+00W 2+50N	2	23	12	40	.3	4	2	77	1.10	6	5	ND	1	12	.3	2	2	91	.17	.026	3	37	.07	19	.39	2	1.48	.02	.02	1	5
22+00W 2+25N	4	38	11	56	.6	8	6	131	4.97	15	5	ND	2	19	.7	2	2	132	.21	.047	4	50	.21	33	.27	6	6.27	.03	.02	1	1
22+00W 2+00N	1	7	9	76	.4	1	1	51	.21	2	5	ND	1	34	.2	2	2	6	.57	.059	2	3	.18	19	.01	3	.23	.03	.05	1	1
22+00W 1+75N	4	13	10	42	.4	5	3	170	1.22	6	5	ND	2	21	.9	2	4	78	.58	.035	4	28	.18	23	.23	6	1.26	.02	.03	1	1
STANDARD C/AU-S	19	60	40	142	7.6	71	32	1104	4.01	39	18	7	39	52	18.6	15	18	57	.52	.097	39	60	.89	181	.09	35	1.94	.06	.15	13	51

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
22+00W 1+50N	3	9	12	20	.1	7	7	289	5.25	2	6	ND	3	7	.2	2	3	243	.08	.006	3	32	.02	7	.39	3	.53	.01	.01	2	33
22+00W 1+25N	4	67	31	215	.4	24	19	791	4.65	39	5	ND	1	24	.6	2	2	135	.53	.069	5	55	.34	29	.26	3	6.32	.02	.01	1	22
22+00W 1+00N	2	73	44	386	.4	17	7	1360	4.27	21	5	ND	1	20	4.4	2	2	111	1.01	.064	5	55	.20	29	.25	2	7.70	.02	.01	1	5
22+00W 0+75N	1	23	111	190	1.9	10	13	824	6.75	89	5	ND	1	32	1.2	2	4	121	.31	.031	3	31	.19	62	.18	4	3.29	.01	.02	1	10
22+00W 0+50N	2	30	73	208	.4	14	11	741	7.02	77	5	ND	1	21	.9	2	2	143	.36	.029	4	35	.24	35	.15	7	2.00	.01	.06	1	13
22+00W 0+25N	1	161	44	254	1.5	16	27	47667	6.71	29	5	ND	4	14	3.1	3	2	133	.42	.034	4	48	.19	100	.25	4	4.81	.01	.02	1	37
22+00W 0+00S	3	48	15	560	.7	13	8	2589	3.93	56	5	ND	1	31	7.0	2	2	110	1.81	.061	5	50	.11	31	.26	6	2.48	.02	.04	1	5
22+00W 0+25S	2	35	25	99	.8	7	9	534	6.48	9	5	ND	3	12	.6	4	2	160	.19	.014	5	29	.13	14	.27	4	1.66	.01	.01	1	210
22+00W 0+50S	4	37	39	246	1.1	13	8	1200	4.14	10	5	ND	3	15	2.2	2	2	103	.26	.063	6	37	.16	23	.22	2	4.70	.02	.03	1	29
22+00W 0+75S	18	32	61	631	3.0	16	5	1456	3.35	38	5	ND	1	37	2.8	3	2	219	.74	.071	3	17	.09	44	.10	6	.90	.02	.04	1	56
22+00W 1+00S	18	96	168	2125	4.6	168	24	5615	5.25	40	8	ND	1	88	27.3	4	5	329	2.19	.191	18	42	.11	70	.11	15	3.38	.03	.05	1	32
22+00W 1+25S	19	57	135	1609	4.0	133	23	2138	6.87	124	5	ND	1	56	14.5	8	2	1100	2.44	.107	13	106	.26	88	.20	226	3.16	.02	.03	1	18
22+00W 1+50S	6	29	39	743	3.4	63	8	386	1.99	20	5	ND	1	64	9.0	7	2	464	1.68	.078	9	46	.10	60	.08	24	1.28	.02	.06	1	13
22+00W 1+75S	16	39	45	8568	.6	16	34	3934	6.51	116	5	ND	1	20	7.0	29	2	691	1.88	.090	3	129	.09	47	.28	12	1.06	.01	.02	1	91
22+00W 2+00S	12	15	20	94	.1	12	2	1125	1.34	5	5	ND	1	22	3.1	2	2	93	.59	.033	6	41	.24	43	.26	6	2.45	.02	.02	1	3
22+00W 2+25S	67	36	11	213	1.2	33	14	3010	3.03	24	6	ND	1	46	18.3	2	2	143	1.52	.140	15	32	.08	55	.03	12	3.78	.02	.03	1	1
22+00W 2+75S	12	29	38	198	.6	12	10	298	11.25	35	5	ND	2	24	2.2	2	2	462	.32	.042	4	77	.31	30	.46	9	3.57	.02	.02	2	9
22+00W 3+00S	12	28	22	93	1.2	5	4	487	5.51	33	5	ND	1	33	1.1	4	2	238	.38	.054	2	19	.12	42	.22	5	.93	.02	.05	1	4
22+00W 3+25S	2	18	13	42	.2	11	4	178	3.62	9	5	ND	2	14	.2	2	2	152	.30	.031	5	49	.30	21	.35	9	4.46	.02	.02	1	7
22+00W 3+50S	2	3	15	37	.2	3	1	72	.87	7	5	ND	1	18	.3	2	5	98	.23	.017	4	11	.05	14	.29	2	.48	.01	.02	1	5
22+00W 3+75S	5	9	16	15	.1	6	3	120	2.68	2	6	ND	1	10	.2	2	2	249	.17	.005	3	22	.14	14	.43	2	.66	.01	.01	1	5
22+00W 4+00S	5	13	17	32	.2	10	6	144	4.97	11	5	ND	2	15	.3	2	2	291	.25	.011	4	34	.15	12	.53	4	1.23	.02	.01	1	4
22+00W 4+25S	3	15	19	34	.3	5	2	77	.62	7	5	ND	1	14	.3	2	2	50	.27	.042	4	32	.13	20	.21	2	1.43	.03	.02	1	5
22+00W 4+50S	11	4	11	44	.3	10	12	1371	11.04	43	5	ND	1	20	.7	2	2	349	2.37	.133	13	42	.09	16	.25	7	1.15	.01	.01	1	3
20+00W 2+50N	2	12	7	21	.1	9	7	238	6.01	9	5	ND	2	14	.2	2	2	253	.30	.009	3	34	.16	9	.44	4	1.16	.01	.01	2	3
20+00W 2+25N	1	27	9	30	.1	13	9	146	7.42	7	5	ND	1	13	.4	2	2	193	.29	.021	4	53	.25	21	.42	4	2.97	.02	.01	1	2
20+00W 2+00N	2	35	15	30	.4	7	6	205	4.45	10	5	ND	1	16	.8	3	2	168	.73	.034	6	59	.21	25	.45	2	4.17	.01	.01	2	5
20+00W 1+50N	3	48	41	272	.4	19	14	1173	5.66	37	5	ND	2	23	2.0	2	2	154	.37	.062	6	58	.25	29	.32	8	7.30	.02	.01	1	5
20+00W 1+25N	1	38	162	985	5.1	30	26	5197	7.65	120	5	ND	1	61	6.5	2	2	119	1.03	.072	7	60	.20	49	.25	2	5.20	.02	.01	1	7
20+00W 1+00N	1	15	158	797	1.6	19	13	3054	4.55	104	5	ND	2	19	5.7	4	2	72	.65	.116	5	22	.18	21	.16	7	4.08	.01	.01	1	1
20+00W 0+75N	3	72	73	2118	1.7	52	13	2624	3.97	98	5	ND	1	33	16.0	2	2	112	.92	.055	17	54	.16	49	.21	5	2.92	.02	.02	1	12
20+00W 0+50N	1	87	48	162	2.5	35	21	1735	6.95	91	5	ND	1	247	4.6	2	2	40	2.47	.162	12	26	.29	141	.13	4	8.65	.09	.08	1	24
20+00W 0+25N	1	56	41	348	.2	48	14	808	3.94	24	5	ND	1	33	2.7	2	2	111	.64	.038	7	39	.50	49	.27	5	3.27	.03	.02	1	12
20+00W 0+00S	4	37	40	219	.1	19	11	784	5.24	48	5	ND	1	13	.9	2	2	162	.34	.064	6	83	.38	23	.31	3	6.17	.02	.01	2	2
20+00W 0+25S	1	19	570	1045	1.7	26	17	8221	6.10	51	6	ND	2	48	9.2	5	2	122	.84	.128	10	21	.22	45	.23	64	7.05	.01	.03	1	4
20+00W 0+50S	4	12	105	186	.3	9	8	658	5.31	48	5	ND	1	18	1.1	2	2	238	.31	.019	4	51	.19	23	.47	7	1.94	.01	.01	1	6
STANDARD C/AU-S	20	64	43	134	7.3	76	32	1115	4.00	37	18	7	40	53	18.9	15	19	60	.51	.097	41	60	.89	180	.09	38	1.92	.07	.16	11	46

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
20+00W 0+75S	2	35	255	953	2.1	20	15	3674	5.14	104	6	ND	1	42	2.1	2	2	126	.64	.028	4	71	.24	44	.16	6	1.64	.02	.03	1	4
20+00W 1+50S	2	99	420	1073	3.9	58	159	8083	7.77	156	6	ND	1	39	5.1	9	2	131	.78	.257	15	131	.46	107	.20	12	7.34	.01	.02	1	5
20+00W 1+75S	63	9	64	133	.5	24	6	286	3.70	28	14	ND	1	18	.5	5	2	816	1.26	.022	2	33	.03	21	.23	4	.93	.01	.01	1	12
20+00W 2+25S	3	7	20	36	.5	1	4	220	2.62	6	5	ND	1	16	.3	3	2	204	.51	.033	7	6	.50	28	.53	4	.92	.03	.05	1	2
20+00W 2+50S	4	4	68	65	.4	5	3	485	1.58	11	5	ND	1	54	.5	2	2	200	2.11	.037	4	50	.05	16	.25	6	.93	.01	.01	2	18
20+00W 2+75S	1	7	8	158	.3	1	1	839	.32	2	5	ND	1	44	.4	2	2	23	.75	.059	2	3	.08	48	.01	5	.39	.02	.01	1	2
20+00W 3+00S	7	10	25	40	.4	1	6	109	7.30	21	5	ND	2	13	.2	2	2	300	.22	.020	4	54	.11	20	.50	2	2.74	.01	.02	1	3
20+00W 3+25S	4	27	22	46	.7	2	7	119	6.86	23	5	ND	3	12	.8	5	2	252	.27	.025	4	74	.16	19	.44	4	5.38	.02	.02	2	2
20+00W 3+50S	3	15	14	38	.2	10	7	187	4.51	14	5	ND	1	21	.4	3	2	212	.42	.016	6	48	.34	15	.50	7	2.65	.02	.02	1	3
20+00W 3+75S	4	8	13	18	.3	3	4	134	3.95	2	5	ND	1	15	.5	3	2	245	.25	.010	4	33	.14	14	.54	4	1.36	.01	.01	2	12
20+00W 4+00S	9	19	25	77	.4	15	19	877	6.67	63	12	ND	1	32	.3	2	2	168	.63	.082	5	51	.29	28	.17	9	2.29	.02	.04	1	4
20+00W 4+25S	3	18	8	107	.3	29	99	20291	7.52	76	28	ND	1	45	1.8	2	2	64	.75	.076	7	32	.18	123	.08	16	2.29	.03	.06	1	1
20+00W 4+50S	5	31	10	95	.5	37	50	5351	5.34	64	5	ND	1	49	1.0	2	2	124	1.19	.073	5	66	.49	46	.19	8	2.46	.03	.07	1	2
18+00W 2+50N	7	118	22	303	.6	47	39	3751	5.74	47	13	ND	1	71	4.8	2	2	189	1.56	.073	8	57	.94	66	.25	7	4.58	.02	.04	1	4
18+00W 2+25N	1	4509	30	189	3.1	29	18	9945	4.55	170	5	ND	1	55	3.0	2	32	99	.92	.066	7	40	.40	66	.15	6	6.26	.03	.03	1	1
18+00W 2+00N	2	46	19	51	1.0	6	8	279	7.12	16	6	ND	2	13	.4	2	2	241	.72	.032	4	76	.10	14	.54	3	5.50	.01	.02	2	1
18+00W 1+75N	5	54	414	967	1.9	19	19	4067	5.88	32	15	ND	1	24	12.1	2	10	123	2.12	.027	3	44	.17	27	.31	2	2.64	.01	.01	1	1
18+00W 1+00N	2	69	75	224	2.1	18	16	1664	5.51	55	10	ND	1	23	2.5	2	2	131	.80	.053	4	118	.23	33	.28	2	3.19	.02	.03	1	4
18+00W 0+75N	3	48	45	241	2.1	21	15	890	5.92	63	5	ND	2	16	1.6	8	2	144	.29	.061	7	88	.20	14	.31	10	7.66	.02	.01	2	2
18+00W 0+50N	1	66	43	94	1.9	23	22	1536	6.24	24	11	ND	1	46	1.1	2	2	231	1.21	.042	3	120	.72	64	.43	6	3.78	.11	.10	1	1
18+00W 0+00S	1	28	8	44	.4	15	6	272	3.11	29	5	ND	1	21	.2	2	2	122	.60	.043	6	54	.38	21	.28	7	4.01	.02	.02	2	2
18+00W 0+25S	3	17	32	82	.6	11	9	347	6.73	29	8	ND	1	11	.5	2	2	258	.22	.034	6	54	.15	19	.44	4	3.20	.02	.02	1	2
18+00W 0+50S	11	57	62	555	.8	44	56	9806	5.62	103	6	ND	1	53	7.3	2	2	178	1.41	.139	10	53	.46	86	.11	11	5.26	.03	.06	1	4
18+00W 0+75S	4	18	19	131	.2	16	8	503	6.37	40	6	ND	1	18	.5	2	2	190	.66	.040	6	85	.36	20	.36	7	4.08	.02	.02	1	1
18+00W 1+00S	2	34	20	246	1.6	22	9	525	3.73	50	5	ND	1	23	1.5	3	2	122	.57	.068	6	57	.44	19	.23	6	5.80	.03	.02	1	1
18+00W 1+25S	5	26	23	76	.1	23	7	278	5.82	22	12	ND	1	18	.6	2	2	242	.51	.030	4	77	.34	13	.44	2	4.56	.03	.02	1	1
18+00W 1+50S	13	16	38	366	.7	61	12	1269	3.83	27	5	ND	2	38	.8	2	2	187	4.23	.073	5	97	.48	14	.29	4	3.31	.02	.03	1	17
18+00W 1+75S	31	3	16	518	.3	33	4	768	3.24	19	10	ND	1	27	1.2	2	2	1640	2.73	.022	2	77	.08	26	.28	5	1.25	.01	.02	1	1
18+00W 2+00S	1	6	6	107	.1	4	1	68	.23	2	5	ND	1	26	.9	2	2	51	.82	.047	2	4	.10	16	.01	4	.17	.02	.05	1	2
18+00W 2+25S	11	12	24	34	.1	4	5	152	4.42	11	6	ND	1	19	.2	2	2	249	.36	.019	5	89	.34	25	.48	6	2.33	.02	.03	1	4
18+00W 2+50S	7	20	17	31	.2	3	7	130	8.67	15	10	ND	1	15	.2	2	2	346	.23	.020	3	56	.14	14	.55	2	1.92	.01	.04	1	1
18+00W 2+75S	10	19	27	75	.3	7	11	212	11.49	24	9	ND	1	12	.7	2	2	315	.29	.021	3	67	.20	11	.61	5	4.64	.01	.03	1	25
18+00W 3+00S	10	4	30	13	.1	1	1	142	.88	9	6	ND	1	6	.2	3	2	140	.48	.012	2	18	.04	9	.36	6	.45	.01	.02	1	2
18+00W 3+25S	1	18	8	22	.1	9	2	105	1.79	2	5	ND	1	20	.2	2	2	157	.33	.015	4	73	.23	14	.54	2	2.11	.01	.02	1	2
18+00W 3+50S	8	50	11	96	.1	21	3	160	1.54	135	8	ND	1	22	.2	2	2	120	.50	.083	11	96	.38	24	.22	6	7.87	.02	.03	1	1
18+00W 3+75S	5	33	12	48	.1	20	7	196	3.62	13	10	ND	1	19	.4	2	2	123	.40	.025	8	74	.45	14	.45	6	6.24	.02	.03	1	50
STANDARD C/AU-S	19	59	41	135	7.4	72	32	1085	4.03	36	19	7	39	52	18.8	15	17	57	.49	.094	39	58	.88	180	.09	31	1.90	.06	.16	13	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
18+00W 4+00S	5	14	13	62	.2	9	2	182	1.53	8	5	ND	1	34	.2	2	3	90	.74	.040	5	38	.18	40	.24	7	1.32	.02	.05	1	3
18+00W 4+25S	3	7	14	21	.2	5	4	163	3.64	6	5	ND	2	14	.2	2	2	191	.25	.012	4	27	.10	16	.41	6	1.00	.01	.01	1	3
18+00W 4+50S	15	16	28	86	.4	11	51	5306	5.50	33	10	ND	1	17	.2	2	6	173	.41	.063	7	72	.19	39	.21	7	4.00	.02	.04	1	1
16+00W 8+50N	2	9	8	29	.1	11	11	371	9.10	2	5	ND	1	13	.2	2	3	469	.23	.013	2	57	.11	9	.66	3	1.02	.01	.01	1	6
16+00W 8+25N	1	34	4	33	.1	8	9	124	8.28	2	5	ND	1	14	.2	2	5	286	.28	.014	2	68	.16	9	.52	2	2.90	.01	.02	1	1
16+00W 7+75N	1	43	8	35	.2	8	6	124	6.00	3	5	ND	1	8	.2	2	11	127	.12	.024	2	105	.12	8	.28	2	8.11	.01	.01	1	3
16+00W 7+50N	1	25	15	27	.7	12	7	190	3.74	2	5	ND	2	17	.2	4	2	241	.31	.008	3	37	.29	9	.59	2	1.34	.01	.01	2	4
16+00W 7+25N	1	83	15	79	.1	26	14	419	4.74	4	5	ND	1	34	.2	2	2	166	.48	.050	4	57	.73	15	.28	7	3.34	.02	.04	1	2
16+00W 7+00N	1	39	7	32	.2	8	7	155	6.11	3	5	ND	2	15	.2	2	4	327	.26	.013	4	83	.20	13	.65	2	3.35	.01	.01	1	13
16+00W 6+75N	1	41	4	36	.1	12	4	146	1.73	2	5	ND	1	21	.2	2	2	107	.43	.032	4	56	.28	10	.42	2	2.95	.02	.02	1	2
16+00W 6+50N	3	72	35	55	.4	20	15	1528	3.17	5	5	ND	1	25	.2	2	9	120	.38	.079	4	68	.30	25	.33	2	3.58	.01	.02	1	14
16+00W 6+25N	1	19	22	40	.4	14	13	304	13.28	9	5	ND	1	11	.2	2	10	474	.17	.016	2	76	.17	12	.82	2	1.69	.01	.01	1	2
16+00W 6+00N	1	35	10	29	.5	11	8	184	7.41	9	5	ND	3	14	.2	2	2	203	.26	.025	4	70	.20	15	.45	2	5.46	.02	.01	1	4
16+00W 5+75N	1	196	13	79	.9	31	21	729	6.25	11	5	ND	2	35	.2	2	10	192	.76	.058	4	72	.71	26	.47	7	4.84	.02	.03	1	2
16+00W 5+50N	1	100	28	98	.8	22	15	330	6.04	20	5	ND	1	23	.2	2	7	163	.39	.048	2	57	.32	22	.39	2	3.61	.02	.02	1	3
16+00W 5+25N	2	78	24	130	1.5	49	22	990	5.88	13	5	ND	4	75	1.1	2	3	148	.97	.049	7	83	1.69	110	.28	2	4.43	.02	.07	1	6
16+00W 5+00N	3	25	11	35	.3	10	8	162	5.30	11	5	ND	3	17	.2	2	3	143	.26	.038	4	66	.26	26	.33	4	5.65	.01	.02	2	1
16+00W 4+75N	2	36	8	40	.1	14	10	310	5.12	8	5	ND	1	29	.2	2	9	146	.68	.055	5	41	.36	23	.30	2	5.14	.02	.02	1	2
16+00W 4+50N	2	39	15	40	.2	11	8	341	4.40	12	5	ND	2	19	.5	2	2	149	.37	.074	5	55	.34	24	.30	2	4.97	.02	.01	1	1
16+00W 4+25N	3	94	4	68	.3	24	19	616	4.71	21	5	ND	2	33	.3	4	4	139	.63	.085	8	42	.47	35	.25	2	4.96	.03	.02	1	2
16+00W 4+00N	5	120	12	82	.5	29	27	1137	4.70	32	5	ND	3	47	.5	3	6	131	.76	.126	8	33	.55	43	.22	2	4.28	.04	.03	1	7
16+00W 3+75N	3	34	16	39	.5	10	5	231	1.78	7	5	ND	2	18	.2	5	2	113	.29	.066	5	43	.20	29	.24	4	3.85	.02	.01	2	70
16+00W 3+50N	3	15	13	33	.4	5	7	185	5.93	108	5	ND	1	17	.2	2	6	206	.25	.034	5	15	.44	17	.46	2	5.25	.02	.01	1	7
16+00W 3+25N	2	16	11	20	.1	5	6	94	3.92	18	5	ND	1	10	.8	7	7	189	.13	.016	2	34	.15	19	.34	8	1.93	.01	.01	5	3
16+00W 3+00N	4	39	16	33	.3	8	7	126	7.24	11	5	ND	2	14	.2	2	10	264	.18	.020	5	58	.16	21	.45	2	5.87	.02	.01	1	3
16+00W 2+75N	7	49	10	102	.7	20	10	242	4.02	24	5	ND	3	34	1.7	3	3	150	.40	.030	5	51	.31	42	.27	2	5.73	.02	.01	1	2
16+00W 2+25N	12	66	18	141	.4	32	35	1558	6.37	43	5	ND	1	58	1.2	2	12	204	.80	.043	5	55	.92	30	.30	2	3.84	.02	.03	1	3
16+00W 2+00N	9	89	11	150	.6	28	9	372	4.53	72	5	ND	1	77	1.3	2	8	185	1.47	.052	4	55	.24	57	.19	2	7.71	.02	.04	1	5
16+00W 1+50N	1	149	18	109	.5	28	13	405	5.81	60	5	ND	2	32	.9	2	2	203	.74	.037	7	93	.62	22	.27	4	5.76	.01	.02	1	7
16+00W 1+25N	1	117	126	229	1.1	30	31	4493	7.14	63	5	ND	2	19	3.4	2	2	153	.48	.031	5	46	.30	33	.26	2	3.68	.01	.01	1	5
16+00W 1+00N	1	45	16	82	.5	25	17	2063	4.78	34	5	ND	3	22	1.0	2	2	135	.51	.016	6	43	.37	38	.30	2	3.03	.02	.02	1	5
16+00W 0+75N	1	20	92	192	.7	9	12	535	5.45	48	5	ND	1	27	1.1	2	2	139	.70	.022	4	16	.40	30	.14	2	4.66	.01	.03	1	5
16+00W 0+50N	1	47	69	407	3.6	74	37	4308	6.99	168	5	ND	4	19	3.0	2	2	80	.50	.114	22	26	.65	23	.10	2	7.55	.01	.01	1	4
16+00W 0+25N	2	22	34	145	.5	20	12	339	5.37	58	5	ND	3	10	.2	2	2	166	.15	.022	3	53	.21	24	.20	2	2.25	.01	.01	1	6
16+00W 0+00S	1	13	166	282	1.9	18	5	1335	1.47	30	5	ND	1	237	1.3	2	2	30	17.41	.126	3	8	.21	18	.05	2	1.26	.01	.04	1	7
16+00W 0+25S	2	12	68	203	.4	24	9	1543	3.32	54	5	ND	1	9	.9	2	2	116	.28	.031	3	16	.08	16	.13	2	1.18	.01	.01	1	4
STANDARD C/AU-S	19	58	42	133	7.2	69	32	1085	4.00	38	19	7	39	53	18.5	15	22	58	.48	.091	40	59	.87	185	.09	38	1.92	.06	.15	11	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
16+00W 0+50S	2	57	154	886	1.4	45	35	4858	4.96	91	5	ND	2	34	6.5	2	2	92	1.72	.320	19	61	.47	49	.16	2	9.53	.01	.02	1	8
16+00W 0+75S	11	37	25	227	.7	28	73	6795	5.00	52	5	ND	1	22	1.0	2	2	299	.99	.062	8	66	.28	36	.23	6	5.65	.02	.02	1	4
16+00W 1+00S	15	16	17	76	.4	9	13	829	5.52	53	5	ND	2	21	.4	4	2	361	1.38	.025	12	45	.28	24	.38	4	1.74	.02	.02	1	1
16+00W 1+25S	6	13	55	60	.1	16	14	862	5.50	21	5	ND	1	25	.5	2	2	212	.71	.027	4	72	.44	28	.40	2	1.94	.03	.03	1	6
16+00W 1+50S	14	19	22	85	.4	12	180	9935	9.90	41	5	ND	1	18	.6	2	6	231	.38	.042	6	68	.27	38	.32	6	3.89	.02	.02	1	2
16+00W 1+75S	7	37	19	105	.1	21	12	493	5.07	53	5	ND	1	15	.2	2	2	136	.38	.037	7	81	.37	21	.29	2	7.49	.02	.02	1	2
16+00W 2+00S	9	27	6	75	.2	17	13	450	3.58	23	5	ND	1	19	.2	2	2	112	.39	.042	7	65	.36	21	.32	2	6.39	.02	.02	1	2
16+00W 2+25S	30	16	22	61	.4	8	17	776	9.83	49	5	ND	1	19	.6	2	4	240	.48	.051	6	62	.18	25	.40	10	4.19	.02	.02	1	2
16+00W 2+50S	9	7	27	41	.3	8	1	178	2.34	13	5	ND	1	59	.4	6	3	163	.52	.030	3	29	.06	26	.32	4	1.12	.02	.04	2	1
14+00W 8+50N	1	17	9	31	.2	8	8	145	10.07	8	5	ND	2	14	.2	2	5	355	.19	.014	3	53	.07	8	.64	2	1.53	.01	.01	1	2
14+00W 8+25N	1	13	10	28	.1	10	10	224	10.87	11	13	ND	1	9	1.1	2	5	404	.14	.010	2	45	.09	11	.69	2	.83	.01	.02	1	5
14+00W 8+00N	1	32	2	52	.6	16	17	323	15.88	16	5	ND	1	19	.5	2	4	425	.22	.018	2	96	.50	8	.83	2	2.65	.01	.02	1	5
14+00W 7+75N	1	14	4	25	.3	11	8	222	9.78	7	5	ND	1	6	.2	2	2	390	.07	.006	2	71	.06	5	.60	2	.63	.01	.01	1	7
14+00W 7+50N	2	149	37	76	.1	27	7	157	2.15	12	5	ND	1	15	.3	2	2	92	.27	.065	16	90	.36	10	.25	3	9.54	.01	.01	1	5
14+00W 7+25N	1	47	2	49	.5	10	11	133	12.57	16	5	ND	1	16	.3	2	6	305	.17	.027	3	126	.22	5	.71	2	3.56	.01	.01	1	1
14+00W 7+00N	2	14	8	27	.4	11	7	205	5.93	8	6	ND	1	17	.2	2	2	266	.25	.016	3	46	.17	9	.59	5	1.29	.01	.02	2	7
14+00W 6+75N	1	25	5	40	.5	24	12	301	7.31	13	5	ND	1	21	.2	5	2	308	.38	.013	4	122	.69	10	.68	6	1.55	.02	.02	2	1
14+00W 6+50N	1	38	26	45	1.2	7	10	342	10.11	32	5	ND	2	18	.6	2	4	301	.26	.015	3	72	.15	10	.61	2	2.36	.01	.01	1	2
14+00W 6+25N	2	16	95	210	1.1	14	24	4467	7.66	167	5	ND	1	8	1.2	2	2	40	.62	.030	4	18	.05	11	.08	2	1.83	.01	.01	1	7
14+00W 6+00N	1	68	12	54	.1	17	10	476	4.91	18	5	ND	1	20	.2	2	2	300	.36	.017	3	69	.38	15	.61	5	3.54	.01	.02	2	5
14+00W 5+75N	1	71	68	136	.6	17	11	220	6.84	18	5	ND	1	18	.6	2	11	205	.31	.028	3	70	.24	16	.48	4	4.80	.01	.01	1	1
14+00W 5+50N	1	36	47	84	.5	8	8	224	8.21	30	5	ND	1	16	.9	2	2	282	.24	.020	2	53	.13	11	.53	3	1.84	.01	.01	2	7
14+00W 5+25N	1	16	59	57	.3	9	8	221	7.93	13	5	ND	1	15	.5	2	4	378	.27	.010	3	52	.14	9	.72	3	1.16	.01	.01	1	2
14+00W 5+00N	1	12	23	79	.4	12	11	435	8.44	38	5	ND	1	10	.2	2	6	290	.11	.015	3	47	.91	9	.22	2	3.04	.01	.01	1	1
14+00W 4+75N	2	57	123	304	.1	16	16	687	6.11	39	5	ND	1	23	.8	2	5	167	1.77	.028	4	77	.41	8	.36	2	4.97	.01	.01	1	9
14+00W 4+50N	2	38	86	152	.6	17	8	191	8.27	38	5	ND	1	22	.2	2	5	261	.34	.018	2	58	.21	4	.50	3	1.77	.01	.01	1	5
14+00W 4+25N	3	38	5	67	.8	43	16	185	12.18	46	5	ND	1	69	.8	2	8	344	.20	.026	2	326	.99	26	.48	2	2.78	.02	.01	1	8
14+00W 4+00N	34	104	18	981	.1	139	3	244	1.86	35	5	ND	1	44	1.0	2	2	705	.22	.035	14	94	.58	36	.16	2	4.67	.01	.04	1	6
14+00W 3+75N	32	25	11	229	1.1	31	6	226	2.23	25	5	ND	1	40	3.7	4	3	327	.86	.062	5	61	.28	37	.47	5	2.13	.01	.01	1	2
14+00W 3+50N	18	65	13	264	1.1	39	6	221	4.56	24	5	ND	1	48	1.7	10	2	403	.57	.032	5	109	.67	53	.34	2	2.97	.01	.02	1	4
14+00W 3+25N	8	21	4	82	.3	16	4	154	2.82	8	5	ND	1	28	.2	2	2	193	.43	.040	4	41	.28	25	.32	2	1.85	.02	.03	1	2
14+00W 3+00N	49	129	15	430	.8	66	25	1714	6.03	51	28	ND	1	33	21.2	7	2	144	.70	.122	11	62	.47	42	.15	5	4.44	.02	.03	2	1
14+00W 2+75N	17	81	12	90	.4	11	3	165	1.40	55	5	ND	1	32	1.0	3	2	292	.17	.072	6	129	.47	67	.38	5	5.33	.01	.01	1	4
14+00W 2+50N	2	17	4	42	.1	15	12	284	8.18	9	5	ND	1	8	.2	3	2	332	.15	.010	2	57	.19	10	.51	6	.72	.02	.02	2	3
14+00W 2+25N	26	90	20	62	1.1	13	10	97	10.53	58	5	ND	1	38	.2	2	2	274	.41	.042	4	75	.10	54	.35	2	4.95	.02	.02	1	5
14+00W 2+00N	11	118	16	245	.2	42	18	507	4.47	34	5	ND	1	66	1.5	2	7	214	.98	.069	7	71	.99	37	.31	2	5.68	.03	.02	1	2
STANDARD C/AU-S	19	61	38	135	7.3	70	32	1091	4.03	37	18	7	40	53	18.5	15	18	57	.50	.094	40	59	.88	183	.09	35	1.89	.07	.15	12	51

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
14+00W 1+75N	5	67	14	223	.6	38	21	1408	5.06	44	5	ND	1	73	2.7	2	2	164	1.73	.045	7	69	.87	51	.29	5	3.78	.03	.03	1	20
14+00W 1+50N	1	21	5	36	.2	9	5	182	6.82	12	5	ND	2	18	.2	2	2	137	.32	.012	5	48	.26	19	.36	3	4.80	.02	.01	1	7
14+00W 1+25N	8	48	24	227	.3	27	7	293	5.16	84	9	ND	3	19	.9	2	2	229	.46	.032	8	74	.44	24	.33	6	5.79	.02	.02	1	6
14+00W 1+00N	7	64	59	399	.3	50	6	305	4.87	102	10	ND	1	35	.7	2	4	238	1.08	.095	10	86	.51	24	.19	4	7.70	.02	.02	1	1
14+00W 0+75N	9	56	94	376	.5	46	18	2621	5.80	99	11	ND	1	20	2.6	2	7	315	1.17	.067	9	92	.50	23	.19	6	5.88	.01	.02	1	2
14+00W 0+50N	9	32	53	307	.3	42	14	1677	6.12	109	5	ND	1	30	1.7	2	2	296	1.62	.053	7	90	.47	27	.25	4	4.31	.01	.02	1	1
14+00W 0+00S	24	57	60	167	.9	36	8	1127	23.28	150	5	ND	1	20	.6	6	2	164	.33	.039	7	38	.27	16	.17	4	1.76	.01	.01	1	4
14+00W 0+25S	2	23	402	1315	4.4	57	19	2567	3.86	77	5	ND	1	59	6.3	2	2	78	2.35	.291	18	42	.76	56	.12	11	8.21	.01	.09	8	2
14+00W 0+50S	1	28	164	1063	1.0	56	57	11963	6.33	89	7	ND	1	67	11.1	2	2	94	3.21	.578	15	45	1.31	111	.12	10	5.18	.01	.12	3	5
14+00W 0+75S	8	18	30	49	.5	13	5	238	9.37	69	5	ND	1	18	.3	5	2	461	.51	.015	6	57	.25	19	.56	2	2.15	.01	.02	1	3
14+00W 1+00S	9	45	18	348	.8	105	24	2316	4.18	69	5	ND	1	33	3.4	3	2	297	2.12	.091	8	48	.33	45	.19	8	4.29	.02	.03	1	2
14+00W 1+25S	10	33	8	102	.4	20	7	426	4.90	72	5	ND	1	26	.5	2	2	150	.60	.045	6	50	.35	29	.29	4	4.18	.03	.02	1	3
14+00W 1+50S	6	13	12	34	.3	5	4	150	8.18	78	5	ND	1	10	.2	3	2	364	.28	.014	5	22	.26	16	.65	2	1.27	.02	.02	1	4
14+00W 1+75S	13	26	10	83	.4	13	8	498	3.34	36	5	ND	1	25	.2	2	2	167	.50	.039	8	45	.26	31	.34	4	3.82	.02	.03	1	1
14+00W 2+00S	20	36	10	86	.4	16	13	468	4.78	45	5	ND	1	26	.2	2	2	141	.47	.049	6	44	.31	25	.32	5	5.14	.02	.02	1	1
14+00W 2+25S	20	50	14	65	.3	10	5	304	5.39	35	5	ND	1	19	.2	2	2	135	.33	.025	8	48	.32	26	.18	2	5.10	.02	.04	1	5
14+00W 2+50S	11	27	9	50	.5	14	5	227	5.82	31	5	ND	1	21	.3	2	2	161	.36	.025	4	53	.36	20	.45	2	2.80	.02	.03	1	3
12+00W 8+50N	1	46	5	37	.4	15	6	180	5.56	2	5	ND	1	10	.2	2	2	217	.15	.014	2	32	.57	17	.08	2	3.35	.01	.03	1	1
12+00W 8+25N	1	21	7	22	.4	6	15	1125	8.66	2	5	ND	1	12	.2	2	2	423	.15	.005	2	40	.06	6	.75	3	1.46	.01	.01	1	5
12+00W 8+00N	1	26	3	26	.6	5	5	181	11.62	3	5	ND	1	11	.2	4	2	556	.18	.003	2	56	.06	7	1.00	2	1.56	.01	.01	1	4
12+00W 7+75N	1	27	5	26	.5	7	5	195	12.85	2	5	ND	1	11	.2	2	2	428	.16	.010	2	56	.16	5	.71	2	2.02	.01	.01	1	3
12+00W 7+50N	1	20	8	19	.4	10	6	262	14.43	2	5	ND	1	10	.2	2	2	498	.13	.009	2	52	.08	4	.82	4	1.16	.01	.01	1	1
12+00W 7+25N	1	15	4	24	.5	9	6	219	12.10	2	5	ND	1	27	.2	3	2	391	.23	.017	2	37	.20	7	.87	2	1.39	.01	.02	1	3
12+00W 7+00N	1	5	12	25	.1	6	5	267	6.90	2	5	ND	1	24	.2	2	2	444	.29	.004	2	17	.09	3	1.06	3	.53	.01	.01	1	11
12+00W 6+75N	1	72	5	28	.5	9	21	176	14.92	2	5	ND	1	23	.2	2	2	446	.18	.018	2	63	.11	4	1.02	2	1.32	.01	.01	1	3
12+00W 6+50N	1	55	7	36	1.0	9	6	198	13.60	2	5	ND	1	11	.2	2	2	400	.15	.025	3	70	.13	5	.72	3	3.48	.01	.01	1	5
12+00W 6+25N	1	15	13	23	.3	8	4	239	7.20	2	5	ND	1	18	.2	2	2	357	.21	.006	2	36	.08	5	.72	4	.75	.01	.01	1	2
12+00W 6+00N	1	28	70	80	1.4	10	5	285	7.34	23	5	ND	1	16	.3	2	2	305	.21	.010	2	42	.16	12	.54	3	1.66	.01	.01	1	20
12+00W 5+75N	1	55	222	381	2.3	19	16	2643	6.69	34	5	ND	1	26	1.7	3	2	155	.67	.032	5	50	.24	21	.36	2	3.47	.02	.01	1	5
12+00W 5+50N	1	23	37	39	1.0	8	4	250	6.10	5	5	ND	1	17	.2	2	2	238	.30	.013	3	36	.15	7	.61	2	1.54	.01	.01	1	11
12+00W 5+25N	1	75	31	76	.5	17	8	344	5.31	14	5	ND	1	23	.3	2	2	134	.42	.035	3	54	.27	19	.37	5	3.45	.02	.02	1	5
12+00W 5+00N	1	33	14	40	1.0	16	8	259	8.74	8	5	ND	1	17	.2	2	2	321	.33	.017	2	54	.22	5	.69	3	1.35	.02	.02	1	1
12+00W 4+75N	1	15	19	102	1.2	12	16	1609	8.08	3	5	ND	1	22	.5	2	2	302	.48	.023	3	45	.13	20	.64	3	1.04	.02	.02	1	3
12+00W 4+50N	1	27	10	52	.6	15	8	251	10.69	7	5	ND	1	20	.2	4	2	228	.36	.030	3	87	.38	10	.69	2	3.07	.02	.01	1	1
12+00W 4+25N	7	109	4	63	.5	34	11	357	5.33	16	5	ND	1	29	.2	4	2	168	.41	.036	4	73	.69	16	.48	2	4.77	.02	.02	1	3
12+00W 4+00N	5	75	14	69	1.9	39	8	244	6.84	13	5	ND	1	18	.3	2	2	278	.26	.019	3	103	.60	15	.56	2	4.04	.02	.01	1	3
STANDARD C/AU-S	18	57	37	129	6.6	70	32	1036	3.87	38	17	8	39	52	18.5	15	19	54	.48	.084	38	58	.87	173	.09	31	1.84	.06	.15	12	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
12+00W 3+75N	17	83	48	353	1.2	42	4	149	2.00	12	5	ND	1	21	.9	3	8	282	.29	.016	7	65	.33	21	.33	2	1.86	.01	.03	1	20
12+00W 3+50N	17	66	41	379	1.4	43	3	86	2.11	29	13	ND	1	18	1.4	9	2	389	.13	.078	11	140	.44	35	.16	2	3.20	.01	.05	1	7
12+00W 3+25N	16	25	6	76	.7	14	5	101	4.14	15	5	ND	1	24	1.0	14	2	416	.12	.011	2	49	.25	23	.30	2	.89	.01	.01	2	1
12+00W 3+00N	19	66	55	552	1.9	46	11	358	6.91	55	5	ND	2	35	2.0	14	2	399	.27	.039	8	114	.56	42	.26	2	3.21	.01	.02	2	5
12+00W 2+75N	5	36	7	65	.5	12	4	153	4.00	11	5	ND	1	22	.8	7	2	223	.40	.041	5	60	.32	17	.47	2	3.07	.02	.02	2	1
12+00W 2+50N	6	48	15	103	.1	25	8	247	7.28	32	5	ND	1	22	.5	2	8	246	.17	.059	4	143	.90	145	.28	2	6.14	.01	.02	1	8
12+00W 2+25N	4	10	12	29	.6	4	4	182	2.19	2	5	ND	2	14	.3	4	6	198	.18	.013	3	31	.15	19	.53	4	1.09	.01	.02	2	8
12+00W 2+00N	2	16	2	46	.4	6	3	116	.38	2	5	ND	1	62	4.7	2	2	24	1.04	.056	3	8	.09	67	.04	3	.54	.02	.02	1	4
12+00W 1+75N	1	6	8	72	.3	5	2	103	1.02	2	5	ND	1	26	.3	2	2	101	.34	.032	3	26	.14	24	.24	4	.91	.02	.02	1	2
12+00W 1+50N	1	9	7	24	.1	14	9	234	7.74	7	5	ND	2	8	.2	4	2	325	.13	.006	2	50	.06	5	.51	2	.48	.01	.02	2	2
12+00W 1+25N	2	39	2	31	1.1	6	5	115	3.61	20	5	ND	2	12	.5	10	2	145	.18	.033	6	49	.17	11	.28	6	4.65	.01	.01	5	4
12+00W 0+75N	8	67	27	139	.3	29	40	1182	7.10	40	5	ND	1	57	1.8	2	2	224	.81	.038	5	57	.91	33	.35	2	3.49	.02	.02	2	6
12+00W 0+50N	8	106	26	218	.4	39	54	4430	7.11	54	5	ND	1	67	3.1	2	9	200	1.33	.057	6	62	1.10	39	.30	6	4.99	.02	.03	1	2
12+00W 0+25N	5	72	53	449	.8	53	31	3038	4.11	241	8	ND	1	41	7.5	9	2	128	1.23	.098	14	49	.44	37	.16	13	6.19	.02	.03	2	2
12+00W 0+00S	4	17	35	102	.2	10	11	568	7.42	75	5	ND	2	18	.4	2	2	193	.35	.025	7	49	.28	21	.35	2	4.23	.02	.02	2	15
12+00W 0+50S	1	46	27	103	.2	22	12	781	4.52	121	5	ND	2	179	1.5	5	2	114	6.89	.140	10	39	.39	28	.19	9	4.79	.04	.03	5	6
12+00W 0+75S	2	12	58	157	.4	36	17	1068	6.30	78	5	ND	2	29	1.7	2	4	188	.78	.057	6	13	.81	30	.29	2	5.96	.04	.04	1	3
12+00W 1+00S	7	32	43	102	.3	26	13	364	5.19	54	5	ND	2	17	.6	9	6	187	.55	.027	7	61	.36	22	.30	5	5.45	.02	.02	5	4
12+00W 1+25S	10	7	10	43	.7	8	7	190	7.41	27	5	ND	2	12	.5	3	2	295	.40	.019	4	48	.09	19	.36	2	1.94	.01	.02	2	2
12+00W 1+50S	15	56	20	114	.6	25	6	131	6.33	40	5	ND	1	11	.5	11	2	355	.20	.022	8	116	.18	17	.30	2	3.73	.01	.01	3	1
12+00W 1+75S	5	31	6	46	.6	9	8	106	8.39	42	5	ND	6	9	.8	6	6	144	.19	.030	6	139	.18	8	.31	4	8.37	.01	.01	1	1
12+00W 2+00S	10	54	12	77	.5	19	5	311	1.51	44	5	ND	1	35	.9	7	2	71	.90	.095	8	60	.27	27	.14	5	5.39	.02	.02	3	3
12+00W 2+25S	14	16	22	66	.3	9	4	233	2.08	29	5	ND	2	23	.7	5	6	179	.54	.023	7	32	.33	27	.63	4	2.57	.02	.02	3	3
12+00W 2+50S	13	38	19	69	.4	12	9	158	6.90	82	6	ND	3	14	.2	5	8	216	.26	.023	6	60	.28	32	.44	3	6.76	.02	.03	1	5
10+00W 8+50N	1	10	9	25	.1	10	7	174	3.72	6	5	ND	1	16	.2	2	2	150	.22	.021	2	27	.28	1	.39	2	1.06	.02	.02	2	1
10+00W 8+25N	1	22	2	29	.2	6	9	158	12.66	3	5	ND	1	12	.6	3	2	429	.14	.013	2	64	.08	4	.74	2	1.53	.01	.02	2	6
10+00W 8+00N	1	23	2	101	.1	14	39	1249	8.17	10	5	ND	1	22	.2	2	2	223	.34	.031	3	57	.43	10	.50	6	3.52	.02	.03	1	2
10+00W 7+75N	2	56	2	47	.1	15	12	233	6.52	8	5	ND	1	20	.4	4	2	179	.39	.014	3	60	.33	7	.56	3	4.80	.02	.02	5	3
10+00W 7+50N	1	32	3	31	.3	16	11	225	7.21	13	5	ND	1	26	.6	9	3	249	.50	.013	2	54	.36	11	.60	4	1.70	.02	.02	3	1
10+00W 7+25N	1	68	6	44	.6	8	11	158	13.08	19	5	ND	2	15	.7	7	2	295	.26	.023	2	82	.19	7	.71	2	4.81	.01	.02	3	3
10+00W 7+00N	1	64	8	42	.6	7	10	111	16.09	10	5	ND	2	10	.5	6	2	454	.14	.018	2	55	.10	10	1.00	5	2.56	.01	.01	3	3
10+00W 6+75N	1	20	7	22	.4	6	6	199	2.55	10	5	ND	1	20	.2	7	2	265	.37	.006	3	48	.22	7	.78	3	1.93	.01	.02	4	38
10+00W 6+50N	1	7	11	36	.2	6	8	161	10.44	2	5	ND	1	13	.5	2	10	440	.21	.011	2	29	.22	7	.75	2	.99	.01	.01	2	8
10+00W 6+25N	2	55	4	46	.6	12	10	196	9.12	10	5	ND	3	15	.2	3	2	240	.30	.020	3	85	.36	10	.59	2	5.90	.01	.01	4	2
10+00W 6+00N	2	83	5	48	.4	19	9	203	4.49	3	5	ND	2	19	.4	3	3	183	.36	.031	7	71	.42	9	.58	5	6.47	.01	.01	1	7
10+00W 5+50N	1	121	5	38	.4	22	16	450	4.73	10	5	ND	1	31	.6	8	3	165	.78	.039	4	36	.58	9	.45	9	2.69	.02	.01	4	1
STANDARD C/AU-S	19	58	41	131	7.2	72	32	1062	3.95	39	17	6	40	53	18.9	16	18	57	.48	.091	39	58	.88	176	.08	39	1.87	.06	.15	11	46

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
10+00W 5+25N	1	73	5	34	.1	12	6	235	8.67	2	5	ND	2	18	.2	2	2	298	.30	.025	4	66	.23	12	.74	3	3.66	.02	.01	1	29
10+00W 5+00N	1	126	2	38	.1	22	17	471	5.23	5	5	ND	1	37	.2	2	2	179	.97	.031	5	40	.52	17	.45	4	2.13	.04	.02	1	5
10+00W 4+75N	1	138	2	46	.1	23	11	394	5.07	4	5	ND	1	34	.2	3	2	181	.91	.043	5	43	.63	15	.48	4	3.27	.04	.03	1	1
10+00W 4+50N	1	16	6	28	.2	16	8	248	9.92	3	5	ND	1	16	.2	5	2	448	.26	.010	3	57	.13	10	.83	3	.73	.01	.02	1	2
10+00W 4+25N	1	39	13	40	.4	11	6	226	8.22	2	5	ND	2	14	.2	3	2	252	.25	.029	5	60	.18	9	.61	2	3.99	.02	.01	1	1
10+00W 4+00N	1	32	12	38	.3	17	8	239	11.11	5	5	ND	1	21	.2	6	2	378	.34	.018	3	66	.22	15	.80	2	2.36	.02	.02	1	1
10+00W 3+75N	1	51	5	44	.1	16	7	210	5.41	2	5	ND	1	23	.2	5	2	238	.40	.026	4	77	.44	14	.68	2	3.71	.02	.01	1	57
10+00W 3+50N	1	22	13	112	.5	9	6	214	13.57	2	5	ND	1	14	.2	4	2	397	.23	.020	4	65	.13	9	.96	2	2.07	.01	.01	1	2
10+00W 3+25N	69	355	15	1032	1.2	158	23	1397	5.98	26	26	ND	1	52	9.8	6	2	273	.91	.138	17	80	.48	54	.20	3	4.90	.03	.05	4	3
10+00W 2+50N	9	48	28	140	.9	25	9	349	2.87	11	7	ND	1	33	2.3	2	2	163	.40	.038	7	76	.44	37	.38	2	3.79	.02	.03	1	1
10+00W 2+25N	17	65	9	166	1.8	28	6	162	6.46	56	5	ND	1	27	1.1	21	2	479	.11	.031	4	86	.47	75	.21	2	4.38	.01	.03	1	1
10+00W 2+00N	5	71	72	131	.5	24	7	274	7.50	30	5	ND	1	23	.5	6	3	253	.28	.049	7	109	.61	41	.34	2	5.77	.01	.02	1	1
10+00W 1+75N	10	111	16	387	1.1	73	68	2559	5.96	50	5	ND	1	75	4.2	9	2	234	1.00	.102	7	85	1.11	130	.18	2	6.07	.03	.05	1	1
10+00W 1+50N	20	97	10	427	3.9	58	12	836	5.62	66	5	ND	1	92	4.3	11	2	297	1.38	.080	6	75	.83	133	.20	2	5.51	.03	.05	1	1
10+00W 1+25N	22	79	8	345	1.9	41	13	570	6.14	58	5	ND	1	76	3.0	11	2	337	.74	.051	6	71	.64	169	.22	2	4.22	.03	.04	1	1
10+00W 1+00N	4	24	9	100	1.2	14	12	542	4.10	8	5	ND	1	48	2.3	2	2	143	1.15	.065	3	35	.24	58	.23	2	1.50	.02	.05	1	1
10+00W 0+75N	19	81	25	627	2.6	48	35	5618	7.99	36	5	ND	1	104	12.8	8	2	255	1.33	.111	7	69	.72	149	.14	2	5.18	.04	.04	1	1
10+00W 0+50N	21	91	30	575	2.6	43	37	4571	8.28	37	5	ND	1	90	10.7	9	2	286	1.17	.080	7	72	.63	137	.19	2	6.10	.03	.03	1	3
10+00W 0+25N	9	107	26	208	.7	42	43	2226	7.04	37	5	ND	1	68	1.7	2	2	222	.99	.065	7	66	1.06	37	.31	2	4.30	.03	.04	1	2
10+00W 0+00S	9	109	27	259	.8	50	39	2231	7.10	48	5	ND	1	77	2.6	3	2	216	1.35	.069	8	67	1.09	45	.29	2	4.61	.03	.04	1	2
10+00W 0+25S	3	30	12	58	.5	17	7	338	5.46	4	5	ND	1	44	.3	2	2	183	.41	.029	6	62	.51	64	.40	2	3.50	.03	.03	1	1
10+00W 0+50S	2	14	5	26	.1	15	9	316	7.95	3	5	ND	1	9	.2	2	2	374	.20	.005	3	49	.11	7	.54	2	.59	.01	.01	1	1
10+00W 0+75S	3	13	17	23	.3	6	2	224	3.26	5	5	ND	1	14	.2	2	2	298	.21	.009	6	34	.12	18	.46	2	1.36	.01	.03	1	1
10+00W 1+00S	31	91	111	144	.7	131	17	388	7.90	82	12	ND	2	10	1.1	6	2	311	1.31	.063	11	65	.28	14	.35	2	5.02	.01	.01	1	1
10+00W 1+25S	47	18	22	372	1.0	26	2	81	1.99	15	5	ND	1	10	.2	9	2	650	.66	.008	4	27	.16	15	.23	2	.49	.01	.01	1	12
10+00W 1+50S	7	10	26	32	.4	5	2	160	3.72	44	5	ND	1	24	.2	2	2	268	.54	.013	5	32	.14	27	.41	2	1.20	.01	.03	1	1
10+00W 1+75S	9	53	15	176	.1	33	15	918	4.22	36	5	ND	1	51	.9	3	2	137	1.13	.067	9	56	.54	40	.23	2	5.49	.04	.05	1	1
10+00W 2+00S	3	24	21	65	.2	10	6	367	3.69	15	5	ND	1	59	.6	2	2	130	1.09	.034	7	21	.29	22	.28	2	3.37	.02	.05	1	1
10+00W 2+25S	12	55	7	177	.1	34	12	575	3.49	42	6	ND	1	39	1.3	2	2	119	.80	.066	10	54	.53	47	.26	3	4.36	.03	.04	1	1
10+00W 2+50S	3	6	20	25	.1	7	1	231	1.77	12	5	ND	1	32	.2	2	2	97	.99	.024	5	90	.21	18	.32	2	1.57	.01	.03	1	1
8+00W 6+25N	1	14	16	21	.1	2	1	75	.35	2	5	ND	1	7	.2	2	2	96	.09	.010	2	14	.03	6	.65	2	.29	.02	.05	1	21
8+00W 6+00N	1	52	9	54	.2	14	4	128	2.04	2	5	ND	1	14	.2	2	3	102	.26	.057	3	33	.31	11	.31	2	1.37	.02	.03	1	2
8+00W 5+75N	1	24	3	70	.1	3	1	50	.26	2	5	ND	1	17	.2	2	2	29	.40	.052	2	7	.06	12	.05	2	.46	.02	.04	1	1
8+00W 5+50N	1	13	10	19	.1	3	1	156	1.24	2	5	ND	1	14	.2	2	2	138	.17	.006	3	30	.10	12	.62	2	.99	.01	.03	1	3
8+00W 5+25N	1	19	13	23	.1	6	4	174	6.40	2	5	ND	1	23	.3	4	2	385	.33	.005	2	41	.14	8	1.05	2	1.03	.01	.02	1	1
8+00W 5+00N	1	47	7	48	.2	11	6	366	7.96	2	5	ND	1	49	.2	4	2	345	.42	.032	2	39	.15	13	.85	2	.79	.02	.04	1	1
STANDARD C/AU-S	19	62	40	131	7.4	69	34	1060	3.90	39	18	6	39	52	18.8	15	21	57	.48	.087	40	57	.88	174	.09	34	1.85	.06	.15	11	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
8+00W 4+75N	1	118	20	73	.3	16	95	2062	16.57	9	5	ND	1	19	.2	2	2	299	.15	.036	2	112	.39	16	.71	2	5.07	.01	.02	1	21
8+00W 4+50N	1	98	14	57	.3	11	81	4007	7.04	4	5	ND	1	22	.3	2	2	205	.30	.065	4	61	.22	16	.55	2	3.22	.02	.04	1	8
8+00W 4+25N	1	109	14	61	.5	17	153	6322	7.51	6	5	ND	1	28	.3	3	2	188	.53	.067	4	57	.37	24	.39	2	3.52	.03	.03	1	2
8+00W 4+00N	1	18	10	25	.1	14	9	332	10.05	2	5	ND	1	13	.3	2	2	398	.19	.007	2	59	.06	6	.71	2	.78	.01	.01	1	2
8+00W 3+75N	1	19	23	48	.2	11	7	263	10.50	4	5	ND	1	16	.2	2	2	411	.31	.011	3	53	.16	12	.79	2	1.31	.01	.02	1	3
8+00W 3+50N	1	27	23	262	.2	11	10	406	9.17	2	5	ND	1	33	1.7	2	2	357	.83	.023	4	58	.16	20	.78	2	1.29	.02	.02	1	1
8+00W 3+25N	1	38	19	68	.4	12	9	360	7.85	3	5	ND	1	20	.7	2	2	367	.42	.023	4	53	.23	11	.69	3	1.68	.02	.02	1	5
8+00W 3+00N	1	81	48	196	.4	12	8	306	2.67	5	5	ND	1	30	.9	2	2	158	.70	.031	6	51	.31	17	.60	3	3.03	.02	.02	1	24
8+00W 2+75N	102	59	46	327	4.6	18	123	4350	16.07	29	12	ND	1	28	7.8	6	2	273	.74	.061	9	60	.08	34	.16	2	4.12	.01	.02	1	5
8+00W 2+50N	7	34	17	55	1.4	16	7	284	8.04	14	5	ND	1	9	.4	5	2	419	.10	.023	3	175	1.61	11	.56	3	4.54	.01	.01	1	1
8+00W 2+25N	9	33	28	141	1.0	18	10	414	3.68	10	5	ND	1	54	1.7	2	2	161	.86	.045	4	68	.84	46	.24	3	2.40	.02	.03	1	1
8+00W 2+00N	33	97	76	538	3.4	83	6	241	7.09	74	5	ND	1	25	2.3	18	2	612	.14	.054	6	167	.81	54	.28	4	4.08	.01	.04	2	6
8+00W 1+75N	12	76	33	318	1.3	38	6	257	9.32	50	5	ND	1	18	.7	13	2	399	.18	.058	3	139	.60	28	.40	3	4.89	.01	.03	3	4
8+00W 1+50N	35	88	22	438	1.3	65	5	170	6.19	49	5	ND	1	23	1.9	22	2	559	.07	.029	5	104	.54	74	.19	3	4.78	.01	.03	3	3
8+00W 1+25N	16	103	15	311	4.2	50	8	262	7.30	40	5	ND	1	42	2.8	14	2	384	.34	.058	5	119	.56	81	.23	3	7.06	.02	.04	1	5
8+00W 1+00N	12	182	35	472	1.4	93	50	2263	7.73	37	5	ND	1	90	6.4	6	2	203	.79	.081	7	62	1.45	71	.19	3	6.73	.05	.05	1	4
8+00W 0+75N	4	26	15	57	.8	8	2	117	1.31	17	8	ND	1	22	.2	2	3	140	.17	.030	3	46	.15	36	.31	6	1.54	.02	.03	1	1
8+00W 0+50N	7	50	20	101	.9	18	4	154	5.79	57	5	ND	1	25	.7	3	2	254	.21	.044	3	79	.30	53	.31	6	4.09	.02	.02	1	1
8+00W 0+25N	3	19	10	40	.3	10	5	191	5.98	22	5	ND	1	21	.3	4	3	263	.29	.026	4	54	.19	20	.46	8	1.73	.02	.02	1	1
8+00W 0+00S	3	52	18	64	.3	19	7	235	4.44	20	5	ND	1	30	.6	2	2	120	.46	.039	7	44	.38	31	.31	7	4.34	.03	.03	1	8
8+00W 0+25S	6	63	21	143	.4	30	20	908	4.65	38	5	ND	1	81	1.7	2	2	164	1.76	.061	7	41	.58	63	.26	5	2.14	.03	.05	1	1
8+00W 0+50S	20	28	27	125	.4	21	11	591	7.54	93	5	ND	1	30	.7	2	2	207	.77	.045	5	51	.33	29	.25	57	2.51	.02	.03	1	1
8+00W 0+75S	4	11	20	23	.1	6	2	175	3.92	3	5	ND	1	12	.3	2	2	225	.13	.013	4	28	.35	29	.48	5	1.02	.02	.02	1	1
8+00W 1+00S	4	11	13	29	.4	11	6	318	7.75	9	5	ND	1	18	.4	2	2	328	.33	.012	3	45	.28	16	.56	5	1.34	.02	.02	1	3
8+00W 1+25S	3	20	17	70	2.9	14	6	289	6.41	13	5	ND	1	24	.3	2	6	232	.36	.028	4	40	.47	28	.45	4	2.19	.03	.03	1	1
8+00W 1+50S	4	21	15	47	.5	10	5	218	7.31	28	5	ND	1	14	.2	2	2	197	.23	.029	5	51	.22	28	.40	4	3.45	.02	.02	1	1
8+00W 1+75S	12	14	7	38	.2	12	6	273	7.27	5	5	ND	1	12	.4	2	2	300	.23	.008	3	40	.15	12	.54	4	1.06	.01	.02	1	11
8+00W 2+25S	38	20	21	111	.3	14	16	780	5.26	102	5	ND	1	38	.6	2	2	185	.97	.056	6	61	.33	50	.26	13	2.84	.02	.02	1	1
8+00W 2+50S	11	15	15	85	.3	13	26	1743	3.20	54	5	ND	1	45	.4	4	2	174	1.12	.058	5	45	.31	48	.31	7	2.90	.03	.03	1	1
6+00W 5+50N	1	22	6	108	.1	6	2	49	1.14	2	5	ND	1	6	.2	3	2	44	.12	.049	3	9	.03	6	.06	7	.52	.01	.02	1	27
6+00W 5+25N	1	6	12	15	.1	3	1	135	1.02	2	5	ND	1	14	.2	2	2	134	.15	.005	4	33	.05	10	.79	8	.67	.01	.02	1	6
6+00W 5+00N	1	10	11	27	.1	3	1	105	.66	2	5	ND	1	32	.2	2	3	119	.40	.009	3	19	.03	6	.60	7	.68	.02	.02	1	10
6+00W 4+75N	1	21	11	40	.1	13	7	378	11.62	5	5	ND	1	28	.2	4	2	471	.53	.028	2	36	.18	9	1.05	5	.89	.02	.04	1	5
6+00W 4+50N	1	14	13	27	.1	5	6	230	9.47	2	5	ND	1	23	.2	2	2	414	.24	.006	3	32	.10	7	1.06	5	.61	.01	.02	1	14
6+00W 4+25N	1	62	17	32	.3	7	5	236	22.01	2	5	ND	1	16	.4	2	2	537	.22	.033	2	60	.06	8	.78	2	2.27	.01	.02	1	3
6+00W 4+00N	1	64	7	39	.3	12	6	230	10.82	2	5	ND	1	20	.3	2	2	435	.32	.023	2	51	.17	9	.91	4	1.53	.02	.04	1	5
STANDARD C/AU-S	18	59	42	134	7.2	70	34	1073	4.03	38	19	7	39	52	18.5	14	19	56	.49	.090	39	58	.87	179	.09	33	1.91	.06	.15	13	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
6+00W 3+75N	1	80	11	44	.5	12	7	205	10.18	2	5	ND	2	15	.2	2	2	320	.24	.022	4	69	.20	10	.71	5	3.45	.02	.03	1	6
6+00W 3+50N	1	50	6	38	.3	9	7	278	5.92	4	5	ND	2	19	.2	2	2	258	.31	.022	6	45	.17	11	.64	5	2.48	.02	.03	1	2
6+00W 3+25N	1	14	5	27	.5	9	5	246	7.74	3	5	ND	2	15	.2	3	2	390	.20	.009	5	40	.11	9	.75	5	.68	.01	.02	1	2
6+00W 3+00N	1	78	7	31	.7	15	9	308	7.99	5	5	ND	2	23	.2	2	2	306	.51	.027	5	53	.31	11	.71	4	2.12	.02	.02	1	1
6+00W 2+75N	1	35	4	74	.7	16	7	198	4.56	4	5	ND	1	35	.2	2	2	145	.41	.034	3	44	.37	17	.38	5	2.04	.03	.02	1	1
6+00W 2+50N	2	37	20	71	.5	25	7	182	12.73	17	5	ND	2	12	.2	2	2	325	.21	.024	3	63	.19	6	.63	2	2.36	.01	.02	1	1
6+00W 2+25N	3	36	15	33	.7	13	7	211	10.97	2	5	ND	2	21	.2	2	2	338	.29	.023	6	78	.29	11	.80	3	4.45	.02	.01	1	1
6+00W 2+00N	8	36	25	49	.4	11	8	315	7.95	10	5	ND	1	19	.2	2	2	264	.28	.021	4	61	.21	10	.57	3	2.36	.01	.01	1	2
6+00W 1+75N	2	34	13	43	1.0	15	7	221	11.51	3	5	ND	2	14	.3	2	2	355	.27	.023	4	60	.25	8	.74	2	1.69	.02	.02	1	1
6+00W 1+50N	28	63	16	496	1.5	67	4	56	3.34	83	5	ND	1	8	2.5	11	3	551	.10	.271	4	181	.18	23	.13	5	1.36	.01	.03	3	6
6+00W 1+25N	12	35	76	113	1.4	17	3	126	2.66	61	5	ND	1	38	.9	2	2	316	.46	.028	6	100	.36	49	.53	2	2.44	.01	.02	1	7
6+00W 1+00N	13	12	39	61	.2	7	5	238	6.72	5	5	ND	1	20	.4	2	2	346	.15	.021	3	41	.30	13	.61	2	1.19	.01	.01	1	1
6+00W 0+75N	15	49	18	116	.8	22	4	169	7.06	33	5	ND	2	22	.6	3	2	413	.13	.028	5	110	.57	76	.32	3	3.95	.01	.02	1	2
6+00W 0+50N	15	51	18	169	.6	23	4	202	9.33	38	5	ND	2	9	1.6	3	2	820	.07	.045	4	75	1.07	21	.38	2	2.20	.01	.02	1	2
6+00W 0+25N	7	68	19	107	.9	26	5	230	7.49	53	5	ND	3	14	.5	2	2	339	.12	.037	6	110	.58	33	.28	4	4.56	.01	.02	1	3
6+00W 0+00S	6	122	10	219	.9	61	13	500	5.80	65	5	ND	1	42	1.5	2	2	229	.53	.124	8	85	.99	53	.27	3	5.06	.02	.05	1	3
6+00W 0+25S	13	19	8	40	.5	8	2	66	2.96	35	5	ND	1	19	.6	3	2	281	.13	.016	2	30	.19	34	.20	4	1.17	.01	.03	1	2
6+00W 0+50S	2	16	13	41	.9	9	4	180	7.27	10	5	ND	2	15	.2	3	2	277	.21	.011	4	40	.19	17	.55	5	1.25	.02	.02	1	74
6+00W 0+75S	3	66	20	150	.9	29	39	2254	3.69	34	5	ND	1	78	4.7	2	2	105	1.15	.098	6	43	.58	75	.16	4	2.56	.02	.04	1	7
6+00W 1+00S	1	7	7	20	.3	4	3	193	6.30	4	5	ND	1	14	.2	3	2	253	.19	.009	3	28	.07	7	.53	2	.61	.01	.01	1	2
6+00W 1+25S	2	31	7	29	.4	11	5	202	5.96	9	5	ND	3	17	.2	2	2	166	.29	.018	5	47	.25	16	.40	4	2.83	.02	.01	1	1
6+00W 1+50S	1	5	2	87	.2	2	1	78	.20	2	5	ND	1	28	.2	2	2	6	.71	.029	2	4	.09	9	.01	2	.19	.02	.02	1	3
6+00W 1+75S	1	3	5	51	.2	1	1	35	.19	2	5	ND	1	24	.2	2	2	6	.55	.043	2	3	.09	5	.01	8	.12	.02	.04	1	2
6+00W 2+00S	5	9	11	31	.5	3	1	79	5.05	285	5	ND	1	17	.3	2	2	153	.22	.014	2	14	.08	12	.27	6	.49	.01	.01	1	2
6+00W 2+25S	1	5	4	87	.3	4	1	36	.15	6	5	ND	1	34	.2	2	2	5	.58	.037	2	3	.11	11	.01	6	.08	.03	.04	1	1
6+00W 2+50S	3	17	15	24	.4	3	1	130	2.26	2	5	ND	1	13	.2	2	2	251	.22	.009	4	64	.09	14	.63	4	2.24	.02	.01	1	3
4+00W 4+50N	1	68	8	21	.3	4	3	146	12.01	2	5	ND	1	13	.2	2	2	439	.22	.006	3	52	.17	6	.88	2	2.03	.01	.01	1	1
4+00W 4+25N	1	41	11	37	.5	9	6	204	14.53	3	5	ND	1	14	.2	2	2	442	.20	.018	3	48	.12	8	.91	4	1.55	.02	.01	1	3
4+00W 4+00N	1	51	9	25	.3	5	3	138	5.32	2	6	ND	1	14	.2	4	2	266	.21	.021	4	68	.13	8	.65	5	3.94	.01	.01	1	1
4+00W 3+75N	1	80	3	30	.3	12	6	205	8.12	2	5	ND	1	19	.2	2	2	220	.31	.018	3	80	.31	9	.66	5	4.47	.02	.01	1	2
4+00W 3+50N	1	79	4	33	.5	7	5	205	13.55	3	5	ND	1	15	.2	2	2	385	.20	.045	2	73	.11	5	.85	7	2.49	.01	.04	1	4
4+00W 3+25N	1	165	10	76	.5	18	33	2996	14.53	4	5	ND	1	20	.2	3	2	413	.18	.038	6	101	.23	15	.98	2	4.20	.01	.01	1	3
4+00W 3+00N	1	133	10	77	.5	21	36	2838	5.88	3	5	ND	1	23	.2	2	2	175	.40	.060	6	62	.29	19	.40	7	3.99	.02	.02	1	1
4+00W 2+75N	1	41	5	33	.5	11	6	255	7.74	5	5	ND	1	17	.2	2	2	233	.29	.024	4	62	.22	9	.64	3	3.77	.01	.01	1	1
4+00W 2+25N	1	15	10	20	.2	13	7	297	8.41	4	5	ND	1	11	.5	2	2	388	.16	.008	3	39	.08	7	.66	3	.84	.01	.01	1	1
4+00W 2+00N	1	184	65	403	.2	16	7	666	5.88	9	6	ND	2	10	.5	2	2	125	.17	.034	6	88	.24	10	.33	4	8.08	.01	.01	1	4
STANDARD C/AU-S	19	60	41	132	7.2	70	33	1058	3.96	39	17	7	40	53	18.7	15	18	57	.48	.090	41	59	.88	177	.09	35	1.87	.07	.15	12	51

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
4+00W 1+75N	1	89	20	211	1.2	14	9	1824	1.34	6	7	ND	1	91	5.9	4	2	31	3.66	.069	11	21	.09	28	.06	7	1.76	.01	.02	1	4
4+00W 1+50N	20	368	13	1095	1.2	51	17	32145	3.13	11	18	ND	1	73	58.7	2	2	100	2.54	.166	16	38	.16	165	.09	5	4.00	.01	.03	4	4
4+00W 1+25N	1	21	7	58	.4	11	9	466	8.08	2	5	ND	1	28	.7	2	2	281	.76	.024	5	53	.22	18	.60	4	1.58	.01	.02	1	8
4+00W 1+00N	1	38	12	33	.4	9	5	158	8.11	2	5	ND	2	12	.2	2	2	235	.24	.025	5	76	.22	8	.65	5	5.02	.01	.01	1	2
4+00W 0+75N	1	44	8	49	.9	10	8	584	12.72	2	6	ND	2	13	.7	2	5	353	.21	.025	4	78	.17	11	.80	4	4.03	.01	.01	1	3
4+00W 0+25N	1	76	5	61	.2	22	8	260	4.34	13	5	ND	1	26	.2	2	2	147	.45	.035	5	56	.52	17	.40	2	4.28	.02	.01	1	2
4+00W 0+00S	7	25	4	89	.5	7	7	951	2.63	7	5	ND	1	37	2.8	2	2	63	1.13	.070	5	25	.11	22	.10	4	2.51	.01	.02	1	4
4+00W 0+25S	11	31	14	73	1.1	8	8	437	4.84	11	7	ND	1	33	.9	5	3	234	.19	.013	6	50	.23	53	.37	4	2.79	.01	.02	1	2
4+00W 0+50S	8	73	12	258	1.1	62	12	709	4.36	33	5	ND	1	28	6.5	4	2	171	.19	.037	17	75	.47	62	.19	3	4.27	.01	.03	1	3
4+00W 0+75S	33	107	10	600	1.5	92	14	824	5.41	77	5	ND	1	108	6.4	17	5	320	.56	.058	9	68	1.23	109	.13	3	3.63	.03	.07	2	3
4+00W 1+00S	18	72	19	398	1.0	46	14	868	5.11	32	5	ND	1	67	7.4	9	3	277	.37	.062	9	73	.68	75	.24	3	3.91	.02	.04	2	2
4+00W 1+25S	6	24	14	92	1.4	16	11	473	6.19	13	5	ND	1	31	2.1	3	2	224	.51	.032	6	48	.36	36	.41	4	2.03	.02	.03	1	4
4+00W 1+50S	1	42	53	93	.7	12	7	170	2.89	44	5	ND	1	29	.6	2	4	56	.53	.043	2	16	.15	17	.08	6	.79	.02	.04	1	3
4+00W 1+75S	1	16	8	33	.4	5	3	122	6.22	13	5	ND	3	8	.2	2	2	158	.15	.044	4	54	.11	11	.35	2	6.61	.01	.01	1	3
4+00W 2+00S	2	23	7	38	.8	11	5	157	7.46	10	5	ND	2	16	.2	2	2	264	.17	.018	4	47	.12	30	.40	5	2.74	.01	.01	1	2
4+00W 2+25S	2	35	14	37	.6	10	7	168	9.16	8	5	ND	2	11	.2	2	2	347	.13	.016	4	44	.18	15	.65	5	1.80	.01	.02	1	4
4+00W 2+50S	3	26	8	31	.4	7	4	125	7.89	16	5	ND	3	9	.2	2	2	180	.14	.026	4	76	.17	13	.43	2	5.55	.02	.01	1	5
2+00W 3+75N	1	2	11	14	.1	1	1	209	.63	2	5	ND	1	8	.2	2	4	103	.10	.002	2	23	.02	4	.67	2	.46	.01	.01	1	8
2+00W 3+50N	1	6	10	11	.1	1	1	114	1.43	2	5	ND	1	5	.2	2	6	130	.06	.005	3	23	.03	7	.53	2	.82	.01	.02	1	1
2+00W 3+25N	1	6	62	23	.4	4	2	130	1.48	2	5	ND	1	8	.2	2	4	238	.10	.012	2	26	.13	6	.62	2	.66	.01	.02	1	5
2+00W 3+00N	1	37	12	32	.3	9	5	168	13.93	2	5	ND	1	12	.2	2	2	319	.19	.024	3	76	.15	6	.71	3	3.45	.01	.01	1	3
2+00W 2+75N	1	63	18	45	.8	9	10	291	20.91	2	5	ND	1	15	.2	6	2	462	.19	.028	2	74	.15	7	1.22	3	2.88	.01	.01	1	4
2+00W 2+50N	1	77	7	53	.2	17	12	309	5.44	4	5	ND	1	21	.2	2	3	149	.40	.025	5	59	.38	10	.54	2	4.14	.02	.02	1	8
2+00W 2+25N	1	25	8	29	.2	6	3	202	2.72	2	5	ND	1	21	.2	2	2	153	.33	.009	3	29	.17	11	.60	2	1.37	.01	.02	1	2
2+00W 2+00N	1	51	11	39	.4	10	7	216	10.96	2	5	ND	1	14	.2	2	2	313	.24	.021	4	56	.20	8	.77	2	2.64	.01	.02	1	1
2+00W 1+75N	1	61	11	44	.2	11	7	208	7.85	2	5	ND	1	16	.2	2	2	250	.28	.024	4	62	.31	10	.65	2	3.59	.01	.01	1	1
2+00W 1+50N	1	61	8	39	.4	14	7	192	8.67	5	5	ND	1	17	.2	3	2	249	.30	.020	3	74	.27	10	.65	2	4.77	.02	.01	1	5
2+00W 1+25N	1	51	6	43	.3	8	7	205	10.51	2	5	ND	2	11	.2	2	2	320	.19	.019	5	83	.20	9	.67	2	3.83	.01	.01	1	2
2+00W 1+00N	1	50	11	50	.2	11	8	226	8.71	2	5	ND	1	18	.2	2	2	361	.28	.020	4	79	.24	11	.82	4	2.95	.01	.02	1	3
2+00W 0+75N	4	52	22	42	.1	9	85	3220	9.18	2	5	ND	2	17	.3	2	23	198	.25	.022	3	65	.24	11	.49	4	2.73	.01	.03	1	1
2+00W 0+50N	1	132	10	47	.4	20	9	261	6.61	10	6	ND	1	13	.2	2	2	160	.20	.023	3	119	.49	9	.53	3	7.57	.01	.01	1	4
2+00W 0+25N	1	67	11	97	1.0	15	240	13467	10.72	7	5	ND	1	20	.2	2	2	250	.27	.036	5	74	.29	30	.55	5	3.38	.02	.02	1	2
2+00W 0+00S	2	52	15	95	.3	10	9	391	4.70	2	5	ND	1	22	.3	2	2	206	.34	.009	4	46	.30	18	.77	2	2.14	.01	.02	1	1
0+00W 3+00N	1	165	5	43	.1	13	7	209	7.71	8	5	ND	1	12	.2	2	5	193	.18	.020	2	108	.35	10	.54	2	7.57	.01	.01	1	6
0+00W 2+75N	1	99	8	43	.2	9	11	288	11.83	2	6	ND	2	15	.2	2	2	325	.20	.022	3	81	.18	7	.79	2	4.49	.01	.01	1	1
0+00W 2+50N	1	59	12	64	.3	12	24	701	5.68	2	5	ND	1	22	.2	2	5	209	.28	.013	3	48	.44	11	.78	2	2.29	.02	.03	1	1
STANDARD C/AU-S	18	60	40	132	7.0	69	32	1038	3.96	38	16	6	38	52	18.4	14	20	55	.48	.089	39	56	.88	176	.09	34	1.87	.06	.15	11	46

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
0+00W 2+25N	1	95	12	66	.1	20	21	555	6.06	2	5	ND	2	23	.2	2	2	181	.48	.031	4	49	.60	18	.56	5	3.28	.02	.02	1	9
0+00W 2+00N	1	103	5	118	.2	21	22	530	9.26	2	5	ND	2	22	.3	2	2	223	.47	.021	2	69	.86	23	.52	2	3.28	.01	.03	1	2
0+00W 1+75N	1	103	14	116	.1	20	112	2923	8.36	2	13	ND	1	24	.6	2	2	186	.47	.024	4	55	.59	27	.42	5	3.55	.02	.03	1	1
0+00W 1+50N	2	153	8	49	.2	12	15	231	14.93	2	10	ND	3	8	.2	2	11	363	.13	.022	2	83	.15	4	.70	2	3.62	.01	.01	1	1
0+00W 1+25N	1	254	11	75	.6	17	14	291	10.13	2	5	ND	2	13	.6	2	2	246	.20	.021	2	82	.44	11	.51	5	4.83	.01	.01	1	3
0+00W 1+00N	2	286	7	77	.3	19	16	366	10.08	2	5	ND	2	10	.3	2	9	236	.16	.027	3	111	.39	15	.47	8	7.29	.01	.02	1	5
0+00W 0+75N	1	50	13	46	.1	13	13	199	10.03	2	5	ND	1	14	.4	2	5	324	.21	.018	2	72	.33	9	.77	7	2.53	.01	.01	1	2
0+00W 0+50N	1	56	2	43	.1	12	11	104	15.05	2	5	ND	1	12	.2	2	2	432	.16	.018	2	88	.14	4	1.09	5	2.09	.01	.01	1	6
0+00W 0+25N	1	49	11	89	.1	34	33	1651	6.37	2	5	ND	1	17	.8	2	2	248	.29	.022	2	64	1.04	16	.68	3	2.22	.01	.01	1	1
0+00W 0+00N	1	41	13	48	.1	11	11	189	9.82	2	5	ND	2	11	.7	2	2	348	.14	.016	3	81	.32	6	.79	6	3.19	.01	.01	1	3
STANDARD C/AU-S	19	64	38	135	7.3	71	32	1072	4.02	39	18	7	40	53	18.5	15	19	57	.49	.093	40	61	.91	182	.09	35	1.94	.06	.16	11	47

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
62+00W 025S	1	14	26	47	.1	14	4	217	4.38	3	5	ND	1	35	.2	2	2	120	.26	.024	4	42	.40	45	.25	2	1.38	.05	.03	4	1
62+00W 050S	1	23	11	56	.5	7	2	116	.92	2	5	ND	1	25	.5	2	2	43	.28	.066	4	23	.15	37	.11	2	1.71	.05	.06	2	6
62+00W 075S	1	83	17	51	.6	14	4	163	3.38	4	5	ND	1	23	.4	2	2	93	.44	.049	4	46	.27	75	.30	2	3.26	.04	.03	1	5
62+00W 100S	2	31	2	32	.2	11	4	150	4.06	10	5	ND	2	21	.2	2	2	117	.26	.019	5	52	.25	19	.30	2	5.19	.01	.01	1	7
62+00W 125S	2	17	3	28	.1	14	7	193	6.35	4	5	ND	2	36	1.0	2	2	209	.34	.010	2	40	.49	25	.49	2	2.11	.03	.03	3	1
62+00W 150S	2	81	2	27	.1	23	8	78	7.95	7	5	ND	1	28	1.3	2	2	152	.23	.020	2	101	.18	56	.45	2	6.07	.02	.01	1	4
62+00W 175S	1	79	9	55	.2	16	4	170	2.64	18	5	ND	1	28	.4	5	2	87	.39	.041	9	59	.34	33	.19	2	5.18	.02	.01	4	4
62+00W 200S	2	43	10	34	.5	15	5	427	2.76	9	5	ND	1	22	.3	2	2	74	.88	.025	5	46	.29	21	.29	2	3.63	.03	.03	4	1
62+00W 225S	1	22	2	29	.1	32	10	324	7.82	3	5	ND	1	19	.5	2	2	301	.31	.009	2	115	.52	16	.46	2	1.49	.03	.01	1	4
62+00W 250S	1	7	6	54	.1	6	1	73	1.22	2	5	ND	1	16	.2	2	2	55	.20	.029	3	40	.16	12	.19	4	.66	.03	.02	1	10
62+00W 275S	1	8	10	18	.1	9	4	156	6.47	2	5	ND	1	13	.8	2	2	262	.20	.004	2	49	.09	8	.41	2	.82	.01	.03	1	2
62+00W 300S	2	1	13	18	.1	3	1	82	.45	2	5	ND	1	14	.2	2	2	36	.12	.014	4	23	.06	25	.19	2	1.30	.03	.04	2	2
62+00W 325S	7	46	10	43	.1	15	7	159	1.82	7	5	ND	4	19	.2	2	2	150	.33	.022	5	73	.26	24	.32	2	8.23	.02	.03	1	1
62+00W 350S	4	7	16	26	.1	7	2	194	2.87	6	5	ND	1	19	.2	2	2	142	.32	.008	4	44	.22	19	.33	2	1.83	.02	.03	1	6
62+00W 375S	3	5	13	20	.3	7	1	195	2.27	2	5	ND	1	20	.2	2	2	126	.33	.005	4	28	.19	16	.35	2	1.58	.02	.04	2	3
62+00W 400S	2	15	2	27	.1	13	4	216	7.09	5	5	ND	1	18	.8	2	2	274	.28	.003	3	52	.21	15	.49	2	2.28	.01	.01	3	5
62+00W 425S	1	14	4	36	.1	44	5	312	4.71	2	5	ND	1	20	.5	2	2	137	.36	.007	2	65	.65	10	.48	2	1.70	.04	.01	1	4
62+00W 450S	4	29	2	27	.1	16	3	204	7.49	6	5	ND	1	16	.6	2	2	123	.14	.007	4	48	.19	20	.33	2	2.56	.02	.02	1	2
62+00W 475S	2	54	12	43	.1	25	6	186	2.82	5	5	ND	1	34	.2	2	2	103	.41	.022	7	71	.38	24	.24	2	5.29	.02	.01	1	1
62+00W 500S	2	9	11	40	.3	18	6	217	1.73	3	7	ND	1	32	.2	2	2	59	.40	.016	8	34	.36	32	.18	2	2.54	.02	.04	4	1
62+00W 525S	3	26	4	29	.3	16	3	94	13.68	2	5	ND	1	21	.6	2	3	223	.14	.025	6	51	.30	19	.21	2	2.88	.02	.04	2	4
62+00W 550S	1	52	4	60	.1	72	10	236	8.92	3	5	ND	1	90	1.1	2	2	146	.21	.013	2	163	1.45	40	.32	2	3.64	.03	.02	1	8
62+00W 575S	4	91	2	45	.1	38	44	150	18.62	2	5	ND	1	16	1.5	2	2	456	.30	.017	2	21	.80	17	.54	2	1.93	.03	.05	1	9
62+00W 600S	2	28	2	40	.1	33	8	148	9.24	5	5	ND	1	21	.8	2	2	229	.22	.017	2	84	.38	11	.41	2	2.04	.02	.01	3	4
62+00W 625S	2	34	8	30	.2	15	4	188	5.70	2	5	ND	2	23	.2	2	3	162	.26	.009	4	60	.26	12	.40	2	2.85	.02	.04	1	9
62+00W 650S	1	27	8	76	.5	12	3	87	4.04	2	5	ND	1	19	.2	2	2	66	.23	.055	2	36	.25	18	.15	3	1.34	.04	.05	1	1
62+00W 675S	1	16	3	45	.1	19	3	201	7.87	2	5	ND	1	42	1.0	2	2	342	.32	.014	3	46	1.06	27	.41	2	2.19	.04	.04	1	3
62+00W 700S	4	1	9	15	.3	2	1	145	.87	2	5	ND	1	18	.2	2	2	68	.07	.009	4	16	.08	19	.34	2	.88	.02	.03	1	1
62+00W 725S	1	1	9	23	.1	2	1	148	1.84	2	5	ND	2	29	.2	2	2	95	.18	.008	4	8	.54	25	.38	3	1.46	.02	.06	1	1
62+00W 750S	1	19	2	66	.4	19	4	59	4.41	2	5	ND	1	17	.2	2	2	59	.15	.050	3	55	.24	21	.09	2	1.33	.04	.04	1	1
62+00W 775S	5	22	7	28	.2	5	1	74	3.22	2	5	ND	1	20	.2	2	5	135	.19	.012	3	31	.14	14	.38	2	1.49	.03	.03	1	6
62+00W 800S	2	9	7	25	.2	11	2	58	4.23	2	5	ND	1	33	.3	2	2	203	.37	.018	3	74	.11	17	.67	3	1.17	.02	.02	1	7
62+00W 825S	1	83	2	42	.1	12	3	134	4.84	7	5	ND	3	18	.2	2	2	105	.20	.020	3	68	.21	19	.26	2	7.56	.02	.01	1	5
62+00W 850S	4	29	8	45	.5	10	3	161	4.61	7	9	ND	4	24	.5	2	4	126	.29	.018	6	55	.25	19	.29	2	5.75	.02	.03	2	3
60+00W BLOOON	1	49	12	41	.3	12	14	845	4.62	8	5	ND	2	27	.4	2	2	74	1.80	.022	7	34	.25	16	.18	2	4.32	.01	.03	1	3
60+00W 025S	2	26	5	35	.4	8	3	445	4.54	7	5	ND	2	22	.2	2	2	95	1.15	.016	5	32	.18	23	.26	3	2.18	.03	.02	4	1
STANDARD C/AU-S	18	64	38	134	7.5	75	33	1074	4.06	37	22	6	39	52	18.7	15	20	55	.48	.090	39	60	.86	183	.09	32	1.97	.06	.14	13	45

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 AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 2 1991 **DATE REPORT MAILED:** May 9/91 **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
60+00W 050S	3	46	3	49	.1	12	7	872	4.93	3	5	ND	2	27	.2	2	2	72	2.46	.026	9	32	.20	15	.15	2	5.11	.01	.01	1	7
60+00W 100S	2	31	10	38	.3	8	6	180	5.37	5	5	ND	2	21	.6	3	2	110	.48	.031	3	116	.13	14	.33	5	6.89	.02	.02	5	8
60+00W 125S	3	16	15	37	.5	10	6	168	8.24	12	5	ND	4	12	.5	2	2	225	.32	.012	4	62	.15	19	.48	2	3.14	.02	.02	2	4
60+00W 150S	4	24	19	50	.1	8	3	114	3.41	9	5	ND	5	13	.2	4	2	160	.26	.032	6	70	.13	29	.28	2	7.48	.02	.02	4	4
60+00W 175S	3	15	10	38	.2	6	5	131	5.48	14	5	ND	6	13	.5	6	4	117	.27	.021	6	60	.13	17	.25	6	7.19	.02	.02	5	3
60+00W 200S	1	8	9	43	.1	2	1	195	2.02	6	5	ND	4	55	.3	2	2	20	.86	.026	8	8	.16	14	.07	6	2.09	.02	.06	2	1
60+00W 225S	4	5	6	39	.2	6	3	210	2.99	10	5	ND	2	26	.5	2	2	155	.39	.014	5	30	.27	27	.32	2	1.48	.03	.03	2	2
60+00W 250S	3	15	16	33	.4	7	3	130	2.20	11	5	ND	1	17	.4	2	2	92	.19	.031	7	38	.18	24	.15	3	2.24	.03	.04	1	9
60+00W 275S	2	11	13	34	.3	3	2	157	1.96	8	5	ND	1	22	.8	2	2	86	.27	.023	5	33	.15	121	.26	2	1.54	.03	.03	1	2
60+00W 300S	1	14	5	118	.5	7	2	30	1.90	5	5	ND	1	9	.2	4	2	39	.08	.110	3	19	.04	19	.04	2	1.26	.02	.03	1	1
60+00W 325S	4	22	13	38	.5	6	4	116	4.21	10	5	ND	3	13	.2	2	3	150	.23	.019	6	65	.21	13	.29	2	5.83	.01	.02	1	6
60+00W 350S	2	13	6	24	.1	2	1	178	1.14	2	5	ND	1	16	.2	2	2	80	.24	.008	5	32	.13	16	.25	2	1.59	.03	.02	1	4
60+00W 375S	4	30	15	44	.1	7	5	149	6.67	6	5	ND	5	14	.2	2	2	161	.26	.010	4	77	.18	21	.29	2	5.48	.02	.02	1	4
60+00W 400S	4	16	11	28	.2	4	5	125	5.12	14	5	ND	2	16	.3	3	2	209	.20	.010	3	43	.09	19	.30	2	1.91	.02	.01	2	3
60+00W 425S	3	13	15	44	.2	7	3	164	1.30	2	5	ND	1	22	.2	2	3	90	.29	.028	6	39	.23	22	.25	2	2.16	.03	.03	1	1
60+00W 450S	2	26	22	54	.2	8	3	219	1.59	7	5	ND	1	25	.3	2	2	68	.66	.020	9	42	.27	21	.19	4	3.23	.02	.02	1	4
60+00W 475S	10	22	14	29	.2	3	6	143	6.12	11	5	ND	4	14	.3	2	2	211	.28	.013	4	67	.12	13	.33	3	4.71	.02	.02	4	1
60+00W 500S	5	12	16	36	.1	2	2	125	1.48	4	5	ND	2	21	.4	2	2	131	.24	.018	6	53	.14	19	.27	2	3.69	.02	.02	1	2
60+00W 525S	1	6	10	82	.3	5	1	28	.25	2	5	ND	1	61	.5	2	2	15	.22	.042	5	7	.20	52	.03	8	.48	.04	.05	1	1
60+00W 575S	4	18	10	44	.1	11	8	166	4.76	9	5	ND	1	22	.5	4	2	188	.26	.015	4	29	.26	21	.33	4	1.34	.02	.03	3	1
60+00W 600S	3	19	22	31	.1	26	10	198	9.69	4	5	ND	2	10	.3	2	2	409	.21	.006	3	87	.21	3	.64	2	1.05	.01	.03	1	2
60+00W 625S	5	71	7	41	.2	9	10	199	7.39	14	5	ND	3	20	.6	2	2	198	.52	.017	3	76	.19	15	.41	7	6.04	.01	.02	2	2
60+00W 650S	3	27	14	30	.1	7	3	166	2.79	3	5	ND	2	24	.2	2	2	121	.44	.012	6	53	.19	25	.33	2	3.15	.02	.02	1	3
60+00W 675S	5	9	14	18	.1	1	3	169	2.89	6	19	ND	2	19	.2	2	2	185	.24	.012	5	54	.16	16	.36	2	1.98	.02	.04	1	5
60+00W 700S	4	62	14	31	.1	13	8	99	7.41	7	5	ND	2	22	.2	2	3	204	.18	.025	4	74	.19	16	.33	2	4.01	.01	.02	1	7
60+00W 725S	5	28	7	23	.1	20	4	144	3.15	6	5	ND	1	37	.2	2	2	283	.25	.012	5	104	.24	28	.48	2	2.28	.02	.01	1	8
60+00W 750S	5	275	9	45	1.6	4	12	355	13.88	13	5	ND	2	15	.3	2	4	128	.97	.028	4	43	.15	18	.27	2	3.87	.01	.02	1	110
60+00W 775S	3	196	2	45	1.5	1	13	938	19.35	28	5	ND	3	11	.2	2	2	72	3.27	.025	2	15	.07	8	.16	2	1.24	.01	.03	3	74
60+00W 800S	3	915	6	149	1.4	36	201	3018	17.24	29	5	ND	3	19	1.0	2	8	83	3.31	.041	7	27	.14	18	.24	2	3.67	.01	.01	2	18
60+00W 825S	3	102	2	64	1.0	8	7	261	7.28	11	5	ND	2	17	.2	2	2	261	1.56	.019	4	60	.15	17	.46	3	3.67	.01	.02	2	10
60+00W 850S	1	39	6	49	.3	14	3	92	1.81	5	5	ND	1	36	.2	2	2	36	.48	.060	6	20	.15	53	.07	7	2.13	.02	.03	1	3
58+00W 025S	4	75	7	123	.1	25	23	678	3.84	4	5	ND	1	85	.3	2	2	90	1.18	.054	6	51	.97	69	.18	4	3.04	.03	.05	3	4
58+00W 050S	5	26	17	65	.2	12	9	348	7.23	11	5	ND	2	54	.2	2	2	132	.61	.031	7	73	.58	66	.30	4	4.43	.02	.02	3	1
58+00W 075S	3	55	25	87	.3	17	13	582	4.19	10	5	ND	1	66	.2	2	2	97	1.16	.048	6	42	.70	44	.16	2	2.09	.03	.03	3	2
58+00W 175S	3	39	15	142	.2	22	22	850	6.23	11	5	ND	1	68	1.0	2	2	113	.89	.041	5	54	.70	62	.18	7	3.84	.03	.02	1	2
58+00W 200S	5	21	15	46	.2	9	8	219	6.71	17	5	ND	1	28	.2	2	2	189	.35	.022	4	45	.19	25	.33	3	2.49	.02	.02	3	4
STANDARD C/AU-S	19	61	39	134	7.3	73	32	1080	4.00	40	17	7	41	53	18.7	15	20	58	.49	.095	40	59	.94	180	.09	33	1.89	.06	.16	12	47

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
58+00W 225S	3	49	12	82	.7	14	5	210	5.72	4	5	ND	3	20	.4	2	2	159	.38	.018	3	70	.37	23	.32	2	4.41	.02	.03	1	5
58+00W 250S	1	77	22	86	1.3	18	6	179	5.08	13	5	ND	4	19	.2	2	3	123	.39	.029	4	78	.25	26	.28	3	8.35	.02	.01	1	1
58+00W 275S	5	17	9	64	.5	10	3	209	2.52	2	5	ND	2	28	.2	2	2	80	.37	.026	5	39	.35	29	.24	3	2.11	.03	.06	1	2
58+00W 300S	7	33	11	56	.3	10	5	196	6.99	5	5	ND	1	22	.2	2	5	179	.36	.027	3	58	.27	19	.29	3	4.03	.03	.01	1	4
58+00W 325S	6	62	14	64	.1	12	4	131	3.83	2	5	ND	3	16	.2	2	2	158	.36	.020	4	85	.25	18	.31	2	8.29	.03	.02	1	2
58+00W 350S	2	7	23	30	.2	10	2	178	3.82	2	5	ND	1	24	.2	2	2	354	.38	.009	3	43	.27	18	.53	5	1.20	.02	.04	1	2
58+00W 375S	2	35	19	48	.6	12	3	141	5.54	4	10	ND	3	16	.4	3	2	282	.41	.030	7	94	.23	19	.41	3	5.81	.02	.04	1	1
58+00W 400S	1	28	23	57	.3	17	2	141	2.02	2	5	ND	1	19	.2	2	4	89	.31	.032	4	62	.33	31	.35	5	1.94	.05	.04	1	7
58+00W 425S	2	10	24	29	.5	5	1	158	.93	4	5	ND	1	18	.2	2	5	103	.40	.011	5	44	.13	21	.47	6	1.47	.03	.04	2	4
58+00W 450S	1	25	11	37	.6	29	7	179	8.63	4	5	ND	1	12	.2	4	3	380	.36	.008	4	68	.45	16	.44	5	1.80	.02	.03	1	6
58+00W 475S	2	43	25	62	.2	10	2	225	2.34	6	5	ND	2	24	.2	2	5	138	.82	.031	6	67	.23	18	.37	6	4.29	.02	.02	1	4
58+00W 500S	4	25	19	44	.1	8	2	184	2.19	3	5	ND	1	25	.2	2	4	157	.61	.020	6	83	.17	19	.43	6	3.67	.03	.01	1	7
58+00W 525S	3	30	21	62	.2	12	3	166	1.88	7	5	ND	2	21	.2	6	6	153	.48	.024	9	62	.20	22	.36	5	4.42	.02	.01	1	2
58+00W 550S	4	43	15	73	.1	10	2	146	2.67	14	5	ND	2	17	.2	2	4	158	.39	.037	5	89	.19	15	.27	6	9.48	.02	.01	3	2
58+00W 575S	16	218	21	245	.9	50	128	9614	3.54	14	22	ND	1	47	3.9	2	2	65	1.47	.108	13	75	.11	58	.09	7	5.52	.02	.02	1	1
58+00W 600S	5	71	21	80	1.8	18	11	520	9.87	27	12	ND	4	27	.6	2	2	181	.57	.027	3	139	.31	20	.53	2	6.24	.02	.03	1	4
58+00W 625S	6	48	13	77	.8	19	6	384	4.48	8	5	ND	3	53	.2	2	2	209	1.31	.005	3	115	.11	31	.82	3	1.93	.02	.06	1	2
58+00W 650S	3	47	39	221	.6	22	15	798	7.46	18	15	ND	5	15	1.4	2	6	156	.48	.018	4	78	.17	15	.44	2	8.52	.01	.04	1	2
58+00W 675S	2	81	6	78	.8	12	8	379	13.36	9	5	ND	2	13	.6	2	2	334	1.33	.018	2	113	.07	8	.95	2	4.50	.01	.01	1	3
58+00W 700S	28	80	8	30	.9	10	6	677	9.44	9	7	ND	2	15	.9	5	2	407	3.33	.009	2	95	.03	8	1.28	2	1.45	.01	.03	4	8
58+00W 725S	4	37	9	198	.5	11	9	235	6.26	17	5	ND	4	22	1.4	4	6	170	.39	.013	5	37	.11	22	.29	6	2.14	.03	.04	1	1
58+00W 750S	5	19	7	47	.5	6	5	163	6.44	10	5	ND	3	31	.2	3	2	217	.32	.015	4	39	.17	19	.41	5	2.53	.02	.04	2	1
58+00W 775S	3	25	7	69	.1	8	2	136	2.66	2	5	ND	1	22	.2	2	2	80	.30	.018	3	23	.18	14	.18	2	2.13	.01	.02	1	2
58+00W 800S	3	19	13	162	.2	12	15	1054	2.91	19	5	ND	1	60	.5	2	2	75	1.14	.036	6	24	.43	44	.12	2	2.31	.03	.03	1	1
58+00W 825S	3	20	8	46	.3	6	2	146	4.59	3	6	ND	6	15	.2	2	5	121	.30	.025	6	64	.15	16	.24	2	4.89	.02	.06	1	1
58+00W 850S	3	26	5	43	.6	7	2	71	7.74	5	10	ND	8	13	.2	2	4	131	.11	.031	4	109	.21	17	.34	2	11.33	.02	.03	1	1
56+00W 000N	4	26	15	66	.4	15	5	390	5.65	11	5	ND	2	57	.2	2	3	149	.75	.027	5	57	.59	41	.29	5	2.65	.03	.03	1	10
56+00W 025S	2	28	9	68	.5	12	4	283	2.99	5	5	ND	2	46	.2	5	4	89	.55	.039	5	50	.41	48	.20	4	3.35	.03	.05	1	4
56+00W 050S	5	13	24	33	.4	7	1	137	1.51	4	5	ND	2	31	.2	4	2	103	.28	.022	5	30	.13	36	.32	5	1.44	.02	.06	2	4
56+00W 075S	5	37	18	64	.3	14	3	249	2.78	3	5	ND	2	38	.2	2	2	149	.38	.044	8	64	.43	31	.31	3	5.33	.02	.05	1	3
56+00W 100S	4	21	21	36	.4	6	1	176	2.33	5	5	ND	2	29	.2	8	10	110	.37	.017	6	35	.16	22	.24	3	2.10	.02	.06	1	3
56+00W 125S	2	26	14	69	.4	9	5	246	1.23	3	5	ND	1	29	.2	2	2	58	.64	.022	4	26	.13	25	.19	3	1.78	.03	.05	1	4
56+00W 150S	2	80	29	126	.5	33	14	398	4.15	8	5	ND	1	53	.7	4	5	111	1.69	.047	6	53	.42	35	.25	4	5.29	.02	.03	5	2
56+00W 175S	1	36	11	51	.9	31	12	206	11.48	2	5	ND	2	20	1.2	2	4	414	.57	.011	3	85	.61	12	.81	2	2.47	.07	.04	1	1
56+00W 200S	4	30	28	53	.6	20	7	164	9.51	2	5	ND	3	22	.6	2	2	353	.33	.012	4	63	.40	16	.75	2	2.77	.03	.04	1	6
56+00W 225S	1	15	6	64	.1	24	8	288	7.71	2	5	ND	1	16	.3	2	4	441	.34	.010	3	43	.37	13	.58	2	1.17	.04	.04	1	1
STANDARD C/AU-S	18	63	37	137	7.5	70	33	1075	4.01	38	17	6	41	53	18.7	15	22	57	.48	.091	40	59	.89	180	.09	34	1.96	.06	.14	11	51

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
56+00W 250S	1	10	21	57	.2	18	6	313	4.71	2	5	ND	1	14	.2	3	6	262	.39	.015	4	65	.36	15	.52	2	.89	.03	.04	1	5
56+00W 275S	1	17	10	37	.1	24	12	589	5.82	7	5	ND	1	15	.2	2	2	326	.28	.010	3	53	.26	21	.56	2	.63	.02	.03	1	3
56+00W 300S	3	91	18	297	.1	26	12	702	7.12	9	12	ND	1	38	1.0	2	10	233	1.33	.021	5	74	.16	42	.36	2	2.73	.02	.02	1	6
56+00W 325S	4	353	21	273	1.9	54	8	553	1.66	19	5	ND	1	44	6.5	2	4	56	1.77	.148	13	70	.09	31	.07	10	5.78	.02	.03	1	1
56+00W 350S	1	33	35	100	.3	20	7	131	2.02	7	5	ND	1	28	.8	5	2	111	.91	.043	3	57	.30	17	.23	10	.60	.04	.05	1	2
56+00W 375S	4	64	21	83	.3	12	5	239	3.56	10	5	ND	3	19	.4	2	2	158	.67	.021	6	80	.18	14	.36	2	5.87	.02	.01	1	8
56+00W 400S	5	59	4	53	.3	28	11	371	7.08	24	5	ND	1	40	.2	2	2	336	.83	.020	4	163	.23	22	.58	4	2.46	.03	.03	1	73
56+00W 425S	2	11	23	116	.5	11	9	546	5.46	21	5	ND	1	14	1.1	6	2	176	.51	.012	4	35	.07	8	.27	6	1.55	.01	.01	1	5
56+00W 450S	5	68	22	55	.2	13	9	224	6.99	21	13	ND	3	19	.2	2	5	188	.49	.022	6	88	.23	22	.40	2	5.19	.02	.02	1	4
56+00W 475S	6	90	14	65	.6	19	12	265	7.37	26	5	ND	2	27	.8	2	12	211	.61	.022	4	81	.22	8	.60	2	2.90	.02	.02	1	3
56+00W 500S	33	112	13	101	.6	13	16	456	12.44	56	6	ND	2	25	1.6	3	10	228	2.21	.023	4	58	.04	22	.68	3	1.43	.01	.01	1	1
56+00W 525S	3	75	56	299	.8	66	16	367	6.64	98	5	ND	3	17	1.4	2	7	143	.50	.022	5	83	.53	20	.28	2	5.86	.02	.01	2	10
56+00W 550S	1	26	99	375	1.4	19	19	442	6.16	92	6	ND	3	53	1.3	2	2	105	.58	.046	11	35	.23	64	.26	2	6.59	.02	.03	1	7
56+00W 575S	1	26	88	340	1.4	18	12	2800	3.98	64	5	ND	2	150	3.2	3	2	31	3.91	.219	10	13	.36	58	.07	18	4.97	.05	.05	1	7
56+00W 600S	2	18	92	137	.1	13	6	182	5.36	34	5	ND	4	18	.5	2	3	138	.31	.025	5	58	.21	22	.28	2	5.38	.02	.02	1	3
56+00W 625S	2	32	47	170	.1	22	14	346	5.15	40	5	ND	3	22	.2	2	2	140	.36	.056	9	44	.21	28	.25	6	6.35	.02	.02	1	1
56+00W 650S	3	18	40	244	.1	18	21	490	5.37	44	5	ND	1	40	.7	2	2	94	.39	.091	5	17	.13	44	.21	2	8.25	.02	.01	1	12
56+00W 675S	1	10	53	163	.2	37	11	1585	3.67	85	5	ND	1	41	.4	6	2	145	1.18	.272	5	15	.23	24	.12	35	4.44	.01	.02	2	1
56+00W 700S	3	10	15	57	.1	7	6	190	4.80	15	5	ND	4	15	.2	2	9	185	.37	.029	6	52	.13	19	.28	4	5.10	.02	.01	1	2
56+00W 725S	3	20	21	93	.3	13	9	679	4.86	17	5	ND	3	19	.6	2	2	176	.42	.047	7	54	.20	25	.26	2	5.18	.02	.02	1	3
56+00W 750S	2	48	32	143	2.0	43	13	406	3.58	20	5	ND	5	39	.2	2	2	115	.81	.039	10	37	.53	88	.24	2	4.19	.03	.02	1	1
56+00W 775S	2	21	35	90	.3	7	4	117	2.65	12	5	ND	4	26	.8	2	2	44	.41	.024	9	20	.14	45	.09	2	4.64	.02	.03	1	3
56+00W 800S	2	8	4	32	.1	3	1	136	.48	4	5	ND	1	16	.2	2	5	46	.17	.033	5	33	.06	32	.14	3	1.56	.02	.02	1	2
56+00W 825S	2	9	11	30	.2	4	2	121	2.46	5	5	ND	5	17	.2	2	2	71	.22	.023	7	43	.13	24	.16	3	4.90	.02	.02	1	2
56+00W 850S	5	6	19	31	.1	8	2	140	1.15	4	5	ND	1	25	.2	2	5	78	.23	.026	6	48	.19	24	.31	2	1.88	.02	.03	1	1
54+00W 00	4	27	15	95	.1	12	10	538	3.76	11	5	ND	1	60	.3	2	4	92	.78	.034	6	34	.45	41	.17	3	2.59	.02	.03	1	1
54+00W 025S	6	17	26	82	.1	14	7	353	4.96	13	5	ND	1	51	.2	2	4	99	.44	.027	6	36	.46	46	.20	3	2.79	.02	.03	1	1
54+00W 050S	6	16	16	66	.1	11	6	358	5.65	11	5	ND	2	59	.2	2	3	120	.54	.022	6	41	.46	37	.22	2	2.51	.02	.02	1	3
54+00W 075S	5	18	17	57	.2	12	5	351	2.75	8	5	ND	1	43	.2	2	3	103	.42	.032	5	34	.28	24	.19	4	1.92	.02	.03	1	2
54+00W 100S	1	8	23	28	.1	10	4	146	1.44	5	5	ND	1	13	.3	2	2	130	.30	.016	3	75	.28	1	.41	4	.68	.03	.03	1	2
54+00W 125S	2	6	20	28	.1	3	3	178	3.44	6	5	ND	1	16	.2	2	8	208	.37	.010	3	30	.07	4	.49	3	.61	.01	.02	1	3
54+00W 150S	1	10	26	28	.1	5	2	138	1.41	2	5	ND	1	13	.2	2	14	143	.28	.009	4	71	.11	6	.61	3	.94	.01	.02	1	4
54+00W 175S	3	46	13	42	.2	14	9	145	8.56	8	6	ND	2	19	.2	3	6	298	.43	.025	5	108	.28	5	.61	5	3.74	.02	.03	1	5
54+00W 200S	4	216	27	114	.4	20	7	389	4.36	39	10	ND	3	31	1.1	2	2	208	1.06	.036	11	97	.21	21	.43	4	5.09	.02	.02	1	4
54+00W 225S	1	27	6	39	.1	40	19	393	13.63	5	15	ND	3	7	.5	2	17	579	.12	.003	3	430	.08	6	.66	2	.38	.01	.01	1	7
54+00W 250S	3	183	50	145	.3	36	30	1819	4.18	39	5	ND	1	43	.5	2	11	131	1.56	.033	6	68	.23	26	.29	3	3.71	.02	.02	1	12
STANDARD C/AU-S	19	62	42	137	7.5	70	32	1094	4.00	38	17	7	40	53	18.5	16	21	58	.48	.090	41	59	.88	185	.09	34	1.92	.07	.16	11	51

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
54+00W 275S	2	145	521	1795	3.4	52	28	18765	6.78	98	15	ND	2	51	19.3	9	2	142	.96	.058	8	36	.16	119	.13	2	3.27	.02	.03	12	47
54+00W 300S	1	38	11	51	.1	18	5	264	2.79	24	5	ND	3	26	.2	3	2	93	.38	.019	7	39	.28	26	.18	2	4.51	.02	.02	1	5
54+00W 325S	2	45	19	76	1.1	11	44	2491	4.30	14	5	ND	1	24	.6	2	4	121	.60	.052	6	36	.19	29	.23	2	2.64	.02	.03	1	5
54+00W 350S	1	23	46	223	.8	20	14	3941	4.80	36	5	ND	2	30	1.8	4	2	105	1.65	.064	10	48	.19	67	.18	2	6.76	.03	.02	1	6
54+00W 375S	1	24	172	597	3.5	17	9	10655	4.20	67	5	ND	1	45	3.9	5	2	70	1.62	.140	9	32	.41	54	.09	2	5.42	.02	.02	1	4
54+00W 400S	2	23	25	139	.7	11	7	588	4.45	26	5	ND	3	20	.2	6	3	154	.39	.039	9	50	.25	19	.26	2	4.93	.02	.01	1	5
54+00W 425S	1	21	96	167	.7	18	7	447	4.95	48	5	ND	2	31	.4	2	2	164	.55	.039	8	69	.35	19	.28	3	2.69	.02	.02	1	6
54+00W 450S	1	53	154	1171	1.3	46	25	3485	5.28	101	8	ND	2	45	9.0	7	2	94	1.18	.164	16	45	.26	48	.22	14	7.55	.02	.03	5	15
54+00W 475S	3	21	12	45	.2	10	5	378	5.20	13	5	ND	2	17	.2	4	2	196	.29	.024	7	52	.18	18	.31	2	4.38	.02	.02	1	6
54+00W 500S	1	25	170	417	2.0	33	15	11768	4.55	75	10	ND	2	64	3.6	4	2	92	1.17	.153	11	24	.45	70	.10	2	4.72	.02	.03	1	4
54+00W 525S	1	23	79	362	1.8	26	15	3180	4.05	74	7	ND	1	54	1.4	4	2	76	1.33	.238	5	21	.49	41	.12	2	4.00	.02	.02	1	5
54+00W 550S	2	36	70	281	1.5	37	16	1716	4.96	34	5	ND	2	46	1.5	2	2	128	.70	.075	14	43	.48	60	.23	3	7.24	.03	.04	1	8
54+00W 575S	6	24	36	72	.6	13	8	769	5.15	20	5	ND	1	54	.2	3	2	155	.65	.041	5	39	.52	25	.24	2	3.55	.04	.03	1	3
54+00W 600S	19	26	25	68	.7	37	5	265	6.04	49	5	ND	3	22	.2	6	2	257	.60	.029	5	60	.23	20	.40	3	5.80	.02	.01	1	4
54+00W 625S	14	60	40	164	.8	179	11	365	5.52	64	5	ND	3	18	.8	8	2	339	1.28	.042	6	88	1.29	34	.29	6	4.14	.01	.02	1	1
54+00W 650S	2	2	10	15	.2	4	1	46	.22	3	5	ND	1	9	.2	2	2	14	.08	.009	4	3	.04	23	.05	4	.52	.02	.02	1	4
54+00W 675S	10	29	6	82	.2	11	5	303	1.80	7	5	ND	1	50	1.5	2	2	58	.60	.039	9	27	.25	53	.14	2	2.32	.03	.03	1	4
54+00W 700S	2	6	14	30	.2	9	1	138	.70	4	5	ND	1	16	.2	2	2	60	.24	.022	6	31	.15	20	.24	5	1.55	.03	.04	1	1
54+00W 725S	3	11	15	27	.2	6	1	174	1.58	9	5	ND	3	20	.2	2	2	112	.31	.015	7	48	.18	17	.26	2	3.81	.02	.02	1	1
54+00W 750S	2	11	18	25	.1	4	1	155	.92	4	5	ND	1	21	.2	2	2	80	.31	.015	16	49	.12	15	.31	2	2.04	.02	.03	1	1
54+00W 775S	3	13	16	32	.1	8	2	212	1.99	7	5	ND	1	26	.2	3	2	127	.42	.019	13	51	.25	18	.28	2	2.95	.02	.02	1	1
54+00W 800S	2	5	14	23	.2	3	1	130	.82	2	5	ND	1	20	.2	2	2	78	.29	.015	7	38	.10	17	.28	3	2.00	.02	.02	1	3
54+00W 825S	1	7	7	40	.2	2	1	33	1.13	2	5	ND	1	8	.2	2	2	34	.07	.071	13	28	.03	15	.03	2	2.47	.02	.05	1	1
54+00W 850S	1	1	2	14	.1	1	1	14	.06	2	5	ND	1	3	.2	2	3	4	.02	.006	2	2	.01	15	.04	2	.41	.02	.02	1	1
52+00W 50S	1	15	11	23	.4	11	10	333	6.64	7	6	ND	2	13	.2	2	2	294	.23	.003	3	50	.04	8	.41	4	.47	.01	.01	1	2
52+00W 75S	1	76	113	761	1.1	38	15	739	3.52	42	5	ND	1	46	2.1	2	2	91	1.28	.069	11	48	.38	27	.17	3	4.20	.03	.02	1	4
52+00W 100S	1	46	472	1994	11.1	32	13	1484	3.69	108	5	ND	1	175	7.4	4	2	62	7.70	.204	8	39	.52	28	.10	8	3.36	.04	.04	12	6
52+00W 125S	1	31	58	134	6.2	32	12	217	5.14	56	5	ND	3	144	.6	10	2	91	.43	.085	4	78	.32	59	.22	3	8.75	.02	.04	1	5
52+00W 150S	3	30	66	123	.7	14	5	247	5.41	33	5	ND	3	19	.2	2	2	151	.30	.034	5	52	.19	25	.26	2	6.30	.02	.01	1	1
52+00W 175S	1	319	29	94	2.3	42	22	355	9.73	57	5	ND	1	93	.4	6	2	226	1.15	.052	3	103	.85	83	.72	4	6.67	.01	.03	1	5
52+00W 200S	2	118	125	306	.8	26	19	2332	5.32	25	5	ND	2	54	2.2	4	2	103	1.29	.036	9	39	.37	50	.23	2	2.90	.02	.03	1	1
52+00W 225S	1	697	427	970	2.4	44	66	3322	9.61	97	9	ND	2	19	10.6	3	2	83	1.88	.031	5	36	.25	22	.22	4	2.09	.01	.01	31	2
52+00W 250S	2	8	57	24	.3	1	1	211	1.09	4	5	ND	1	15	.2	2	2	119	.32	.003	4	18	.06	8	.32	2	.74	.01	.01	1	2
52+00W 275S	2	9	24	26	.3	2	1	142	1.12	8	5	ND	1	11	.2	9	3	74	.23	.010	4	19	.05	13	.26	2	1.22	.02	.02	1	1
52+00W 300S	1	38	247	195	3.5	14	9	483	5.08	38	5	ND	2	40	.6	5	2	110	1.09	.041	5	48	.45	30	.23	4	5.38	.02	.03	1	3
52+00W 350S	1	27	40	132	.6	17	9	376	4.62	22	5	ND	2	20	.7	2	2	143	.30	.042	9	47	.22	26	.26	3	5.52	.02	.02	1	1
STANDARD C/AU-S	19	61	41	135	7.3	71	31	1102	4.05	38	18	7	41	53	18.9	15	21	58	.50	.091	40	58	.88	180	.09	35	1.92	.07	.15	11	46

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
52+00W 375S	3	40	101	275	.5	19	10	843	4.57	25	6	ND	1	21	1.0	2	2	144	.39	.033	10	50	.31	21	.24	4	4.42	.02	.02	1	1
52+00W 400S	2	31	98	393	1.7	20	18	2488	3.70	29	7	ND	1	53	3.9	2	2	91	1.57	.065	13	32	.31	52	.09	5	3.98	.02	.03	1	5
52+00W 425S	2	19	107	420	.7	18	12	1953	4.80	39	5	ND	1	18	.9	4	2	137	.36	.040	6	42	.36	22	.23	2	4.25	.02	.02	3	7
52+00W 450S	2	18	59	387	.6	29	25	2038	4.05	51	7	ND	1	82	2.1	2	2	87	1.76	.225	8	23	.41	40	.12	3	5.87	.03	.02	1	4
52+00W 475S	2	9	60	91	.3	11	4	219	4.14	24	5	ND	1	9	.2	2	3	117	.15	.017	3	19	.12	16	.22	3	1.74	.01	.01	1	2
52+00W 500S	7	13	24	60	.6	9	3	212	6.74	14	5	ND	2	14	.2	2	2	196	.30	.027	5	41	.17	16	.34	3	3.31	.02	.02	1	1
52+00W 525S	15	20	16	108	.5	9	6	280	5.36	15	5	ND	4	13	.2	2	2	162	.23	.035	9	54	.20	16	.26	2	7.72	.02	.02	1	3
52+00W 550S	4	12	6	32	.1	6	3	190	4.31	8	5	ND	1	16	.2	2	2	154	.28	.012	5	43	.18	18	.31	2	2.27	.02	.02	1	3
52+00W 575S	4	27	17	54	.1	11	6	544	4.04	12	5	ND	3	15	.2	2	2	118	.28	.031	5	52	.22	22	.26	3	6.15	.02	.02	1	1
52+00W 600S	3	5	12	21	.1	4	1	121	.53	2	5	ND	1	12	.2	2	4	54	.23	.014	7	29	.11	14	.22	2	2.31	.03	.02	1	1
52+00W 625S	4	2	17	12	.1	1	1	98	.44	2	5	ND	1	8	.2	2	2	50	.19	.008	3	12	.03	12	.24	2	.72	.01	.02	1	6
52+00W 650S	4	17	15	38	.1	9	2	180	1.50	6	5	ND	4	14	.2	2	2	140	.39	.024	6	71	.23	17	.25	2	6.96	.01	.01	1	3
52+00W 675S	2	3	11	14	.1	1	1	70	1.17	2	5	ND	1	7	.2	2	2	66	.11	.005	2	9	.05	13	.23	2	.88	.01	.01	1	1
52+00W 700S	4	4	16	26	.1	4	1	142	1.32	4	5	ND	2	17	.2	2	2	108	.30	.010	6	34	.13	16	.31	2	2.03	.02	.02	1	1
52+00W 725S	3	11	10	25	.1	6	2	195	2.28	2	5	ND	2	26	.2	2	3	115	.32	.018	10	34	.23	18	.33	2	3.23	.02	.02	1	5
52+00W 750S	1	1	13	11	.1	1	1	59	.05	2	5	ND	1	2	.2	2	2	12	.02	.004	2	3	.01	10	.12	2	.36	.01	.02	1	1
52+00W 775S	7	8	25	32	.1	6	1	139	2.90	10	5	ND	3	15	.2	7	2	155	.33	.017	8	56	.15	17	.29	2	4.34	.02	.02	1	4
52+00W 800S	1	2	3	60	.1	1	1	26	.12	2	5	ND	1	6	.2	2	2	4	.09	.037	2	2	.02	15	.02	3	.48	.02	.03	1	1
52+00W 825S	1	1	3	7	.1	1	1	32	.03	2	5	ND	1	2	.2	2	2	3	.02	.004	2	4	.01	3	.02	2	.30	.01	.01	1	3
52+00W 850S	10	18	17	104	.2	21	4	254	1.36	9	5	ND	1	37	.2	9	2	72	.54	.049	7	46	.43	26	.22	3	3.16	.02	.03	1	1
50+00W 00	2	43	11	56	.3	14	6	333	5.00	10	5	ND	1	20	.2	2	2	177	.39	.043	5	61	.32	19	.39	2	4.86	.02	.02	1	2
50+00W 025S	2	139	130	751	3.1	39	25	13191	5.40	57	5	ND	1	92	8.9	2	2	152	1.78	.054	7	43	.44	69	.17	2	4.79	.03	.05	2	37
50+00W 050S	1	356	20	125	1.0	125	39	3953	7.84	30	5	ND	1	33	1.0	4	2	247	.85	.040	6	69	.11	33	.79	2	2.47	.01	.01	1	3
50+00W 075S	2	32	357	357	.9	13	12	1513	5.06	66	5	ND	1	20	.7	3	2	136	.46	.039	5	46	.23	19	.25	3	3.11	.02	.03	1	4
50+00W 125S	2	32	134	522	2.3	30	14	2539	5.41	215	5	ND	1	79	2.6	3	3	96	1.28	.039	6	31	.50	49	.11	4	4.07	.02	.05	1	5
50+00W 150S	2	31	204	581	5.2	28	9	4249	3.22	181	7	ND	1	100	5.6	4	2	50	4.00	.152	16	16	.47	57	.03	8	2.57	.02	.04	3	10
50+00W 175S	3	22	42	2347	2.8	48	13	4536	5.61	134	5	ND	1	32	13.0	3	2	131	1.65	.063	4	20	.60	46	.12	3	3.13	.01	.03	12	4
50+00W 225S	11	43	298	828	4.0	116	20	1476	5.47	97	5	ND	2	24	3.0	11	2	155	1.06	.098	9	41	.32	52	.17	10	5.90	.01	.02	3	8
STANDARD C/AU-S	19	58	41	133	7.5	71	33	1055	3.97	38	16	6	40	52	18.6	16	21	56	.48	.091	38	59	.88	176	.09	32	1.88	.06	.15	11	46

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 HOLBERG File # 91-1225 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
74+00W 5+25S	10	19	13	81	.6	12	11	570	5.40	14	5	ND	1	38	.7	2	2	286	.53	.056	5	81	.16	52	.31	2	3.80	.02	.02	4	6
74+00W 5+50S	10	15	22	202	.8	17	6	389	6.89	23	5	ND	1	27	.2	2	2	285	.59	.048	5	87	.44	40	.30	3	3.04	.03	.02	3	6
74+00W 5+75S	2	31	46	177	.3	21	38	3031	4.03	23	5	ND	1	35	1.0	2	2	86	.73	.111	6	66	.33	56	.15	2	2.42	.03	.03	2	2
74+00W 6+00S	1	23	34	119	.7	11	91	17652	5.55	26	5	2	1	26	1.6	2	2	84	1.20	.224	8	57	.12	60	.12	5	3.12	.01	.01	3	7
74+00W 6+25S	1	13	44	174	.3	3	28	13793	5.03	29	5	ND	1	23	1.6	3	2	81	1.60	.517	6	55	.12	53	.10	3	2.97	.01	.01	2	2
74+00W 6+50S	4	6	28	63	.1	10	4	568	3.11	8	5	ND	1	32	.2	2	2	184	.76	.037	3	23	.10	28	.36	3	.92	.02	.03	2	1
74+00W 6+75S	1	13	28	182	.2	12	45	22754	5.77	20	5	ND	1	24	1.6	2	2	98	1.33	.311	4	40	.13	91	.10	4	2.39	.01	.03	1	3
74+00W 7+00S	2	7	14	32	.1	5	4	783	1.56	6	5	ND	1	36	.2	2	2	109	.65	.029	2	15	.06	45	.31	7	.55	.03	.02	1	1
74+00W 7+25S	6	9	15	46	.2	8	4	255	4.24	13	5	ND	1	24	.2	2	3	167	.40	.026	4	35	.26	34	.36	2	1.25	.03	.03	3	2
74+00W 7+50S	7	11	18	54	.2	14	3	431	2.35	7	5	ND	1	28	.2	2	2	105	.54	.032	6	43	.30	44	.28	5	2.59	.03	.02	3	3
74+00W 7+75S	5	9	13	23	.1	7	1	188	.90	2	5	ND	1	23	.2	2	2	47	.28	.027	5	33	.19	32	.21	2	1.67	.03	.03	1	4
74+00W 8+00S	3	4	8	18	.2	2	1	81	1.04	2	5	ND	1	14	.2	2	2	34	.16	.016	4	10	.05	22	.14	2	.80	.04	.03	1	1
74+00W 8+25S	4	4	2	23	.1	3	2	116	3.23	5	5	ND	1	13	.2	2	2	85	.16	.010	4	17	.07	20	.19	4	1.21	.03	.03	2	1
74+00W 8+50S	7	4	11	34	.1	2	2	123	1.85	5	5	ND	1	13	.3	2	2	45	.13	.014	6	12	.09	19	.12	4	1.22	.03	.03	2	5
72+00W 0+00N	2	50	10	60	.1	13	6	152	2.43	2	5	ND	1	30	.2	2	2	76	.40	.042	3	42	.26	25	.23	2	2.93	.03	.03	2	10
72+00W 0+25S	3	37	12	65	.1	15	10	184	4.26	5	5	ND	1	21	.2	2	2	108	.27	.052	3	33	.21	23	.26	3	1.97	.03	.04	2	4
72+00W 0+50S	5	165	9	93	.5	9	8	87	6.30	2	5	ND	1	17	.2	2	3	84	.18	.092	4	31	.09	19	.14	5	3.52	.02	.03	2	3
72+00W 0+75S	5	99	7	78	.3	6	8	68	10.54	2	5	ND	2	20	.2	2	8	139	.19	.063	4	40	.11	26	.20	2	2.51	.02	.03	1	18
72+00W 1+00S	1	14	7	53	.2	17	11	221	5.76	2	5	ND	1	32	.2	2	2	219	.73	.016	2	32	.49	14	.69	2	.84	.06	.03	2	1
72+00W 1+25S	1	90	17	57	.4	25	19	353	7.32	4	5	ND	1	69	.7	2	2	173	.63	.016	2	59	.61	20	.65	4	3.69	.04	.02	4	1
72+00W 1+50S	1	69	2	49	.1	21	13	224	7.66	2	5	ND	1	42	.3	2	2	186	.58	.016	2	45	.43	19	.69	2	2.24	.04	.03	3	1
72+00W 2+00S	1	20	2	35	.1	18	16	218	8.93	2	5	ND	1	41	.3	2	2	317	.50	.006	2	45	.36	12	.78	2	.88	.04	.02	3	3
72+00W 2+25S	1	22	4	34	.1	21	14	218	7.62	2	5	ND	1	40	.2	2	2	275	.58	.003	2	37	.47	16	.85	2	1.06	.05	.02	1	3
72+00W 2+50S	2	10	15	40	.1	5	2	155	1.61	2	5	ND	1	18	.2	2	2	105	.27	.028	3	36	.10	23	.29	4	.92	.03	.03	2	2
72+00W 2+75S	1	11	11	43	.1	10	5	156	3.19	2	5	ND	1	19	.2	2	2	139	.30	.020	3	36	.22	14	.39	2	1.12	.02	.03	2	1
72+00W 3+00S	1	45	5	38	.1	10	5	185	2.32	2	5	ND	1	38	.6	2	4	86	.47	.039	4	50	.33	17	.26	3	2.79	.04	.02	2	4
72+00W 3+25S	1	19	7	42	.1	6	5	76	5.63	2	5	ND	1	13	.2	2	2	185	.20	.032	3	39	.14	11	.27	2	1.54	.03	.04	1	3
72+00W 3+50S	1	6	3	53	.1	3	2	108	2.70	2	5	ND	1	30	.2	2	2	119	.25	.027	3	23	.21	13	.27	2	.82	.05	.04	1	1
72+00W 3+75S	1	11	5	115	.1	6	1	68	.74	2	5	ND	1	37	.2	2	7	30	.31	.043	2	12	.18	16	.08	3	.39	.04	.07	1	2
72+00W 4+00S	1	8	6	97	.5	3	1	47	.53	2	5	ND	1	34	.4	2	2	26	.44	.042	2	11	.12	27	.07	3	.25	.05	.07	1	1
72+00W 4+25S	6	10	20	53	.1	10	3	159	1.36	2	9	ND	1	23	.2	2	2	104	.49	.020	2	53	.24	31	.56	2	.96	.04	.07	2	3
72+00W 4+50S	11	30	36	40	.1	8	8	200	6.88	4	5	ND	2	13	.2	2	7	160	.33	.011	4	56	.12	19	.33	2	2.09	.02	.02	1	6
72+00W 4+75S	66	30	41	118	.4	8	23	695	11.39	31	5	ND	2	19	1.9	2	6	247	.51	.024	4	66	.14	17	.36	2	3.11	.01	.02	3	3
72+00W 5+00S	62	32	120	208	.7	16	21	640	6.86	33	5	ND	1	27	1.0	2	2	284	.74	.042	6	81	.33	15	.27	4	3.83	.02	.02	3	2
72+00W 5+25S	4	24	22	86	.9	7	4	282	4.61	2	6	ND	1	19	.4	2	3	61	.41	.068	3	38	.14	23	.08	3	1.44	.06	.06	2	1
72+00W 5+50S	3	9	3	39	.1	18	8	235	5.05	3	5	ND	1	39	.6	2	2	193	.48	.012	2	150	.25	8	.43	2	.83	.02	.02	2	3
STANDARD C/AU-S	20	62	37	132	7.4	70	32	1083	3.94	42	21	7	39	53	19.0	15	18	59	.48	.090	40	58	.88	179	.09	34	1.88	.07	.15	11	49

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: P1-5 SOIL P6 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 8 1991 **DATE REPORT MAILED:** May 13/91 **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
72+00W 5+75S	1	10	8	47	.2	22	6	205	5.03	3	5	ND	1	25	.2	2	2	296	.73	.006	2	128	.62	16	.75	3	1.07	.05	.05	1	14
72+00W 6+00S	16	16	7	88	.3	21	12	367	4.48	10	5	ND	1	25	.9	2	2	103	.45	.048	3	47	.34	41	.14	5	1.63	.05	.07	1	3
72+00W 6+25S	4	22	12	76	1.2	12	4	170	3.88	5	5	ND	1	17	.5	2	2	79	.28	.084	2	45	.16	31	.10	4	1.41	.04	.08	1	1
72+00W 6+50S	32	9	36	78	.6	8	71	7008	10.76	8	6	ND	1	25	.5	4	2	137	.39	.063	4	36	.12	81	.14	7	2.08	.03	.06	1	1
72+00W 6+75S	7	31	35	63	.5	11	5	258	4.63	12	5	ND	2	24	.2	2	2	130	.44	.056	6	46	.28	33	.31	2	4.79	.03	.03	1	2
72+00W 7+00S	30	19	22	115	.5	15	19	1229	6.21	17	5	ND	1	28	.2	5	2	198	.42	.039	6	74	.37	42	.32	2	3.12	.03	.03	1	3
72+00W 7+25S	3	11	10	93	.4	6	3	352	2.37	3	5	ND	1	21	.2	2	2	50	.24	.109	4	20	.11	39	.08	6	1.59	.05	.10	1	1
72+00W 7+50S	5	11	11	59	.3	7	3	287	5.33	6	5	ND	1	21	.2	2	2	151	.26	.029	4	34	.43	29	.35	4	1.74	.04	.06	1	1
72+00W 7+75S	3	5	14	55	.2	4	2	87	2.51	3	5	ND	1	25	.2	2	2	61	.33	.039	3	24	.11	37	.11	3	.78	.07	.07	1	2
72+00W 8+00S	2	6	7	44	.3	4	2	111	3.78	12	5	ND	1	15	.2	2	2	101	.17	.042	3	18	.20	21	.06	4	.98	.03	.03	1	2
72+00W 8+25S	2	6	3	59	.5	4	1	103	1.62	3	5	ND	1	27	.2	2	2	40	.22	.056	4	14	.13	48	.10	4	.91	.04	.08	1	1
72+00W 8+50S	5	12	11	44	.3	18	4	363	5.59	7	5	ND	1	40	.2	2	2	147	.48	.020	6	60	.73	31	.37	2	2.47	.03	.03	1	1
70+00W 0+00N	1	31	9	33	.4	15	6	217	12.01	2	5	ND	1	12	.2	2	2	434	.19	.018	2	68	.20	15	.72	2	1.60	.02	.02	1	3
70+00W 0+25S	1	30	17	31	.2	32	16	206	14.93	2	5	ND	1	14	.2	2	2	471	.24	.012	2	70	.13	11	.96	2	.86	.02	.03	1	2
70+00W 0+50S	3	194	17	63	.5	26	16	402	10.32	15	5	ND	1	85	.2	2	2	247	1.01	.034	3	47	.50	44	.56	4	3.52	.03	.06	1	1
70+00W 0+75S	3	63	45	39	.4	14	7	211	11.41	2	5	ND	1	28	.2	2	2	354	.38	.014	2	53	.22	25	.84	2	2.10	.03	.02	1	1
70+00W 1+00S	1	14	15	30	.3	14	6	268	7.74	3	5	ND	1	23	.2	4	2	205	.33	.008	4	37	.26	11	.56	2	1.35	.04	.04	1	1
70+00W 1+25S	1	11	23	53	.3	26	15	395	7.41	2	5	ND	1	80	.2	2	2	256	.71	.014	2	72	.85	10	.65	2	1.75	.04	.03	1	3
70+00W 1+50S	1	22	22	32	.5	15	3	195	2.84	2	5	ND	1	51	.2	2	2	156	.51	.010	3	31	.24	24	.47	4	1.20	.02	.03	1	1
70+00W 1+75S	2	137	37	92	.3	25	9	249	4.00	8	5	ND	1	70	.2	2	2	93	.82	.037	5	59	.42	20	.34	2	8.87	.01	.02	1	3
70+00W 2+00S	1	17	13	38	.4	10	4	138	5.16	2	5	ND	1	11	.2	2	2	181	.41	.033	3	31	.32	15	.53	3	1.36	.04	.05	1	3
70+00W 2+25S	2	26	20	28	.4	7	3	195	5.78	2	5	ND	1	17	.2	2	2	123	.28	.027	4	32	.17	18	.28	5	1.83	.02	.04	1	2
70+00W 2+50S	1	19	10	22	.2	12	6	255	6.34	3	5	ND	1	19	.2	2	2	274	.35	.005	3	54	.20	11	.58	4	.97	.02	.02	1	1
70+00W 2+75S	1	19	15	25	.1	7	4	213	6.68	2	5	ND	1	29	.2	3	2	234	.44	.007	4	47	.13	11	.55	3	1.41	.02	.02	1	5
70+00W 3+00S	1	24	16	35	.5	15	2	231	1.64	2	5	ND	1	22	.2	2	2	105	.44	.013	3	48	.29	21	.52	5	1.30	.03	.03	1	1
70+00W 3+25S	2	7	11	19	.1	4	1	216	3.19	2	5	ND	1	17	.2	2	2	153	.43	.006	5	26	.12	17	.39	2	1.12	.02	.03	1	1
70+00W 3+50S	1	6	3	41	.3	2	1	90	.89	2	5	ND	1	18	.2	2	2	40	.23	.054	3	10	.06	27	.12	8	.66	.03	.08	1	1
70+00W 3+75S	1	2	2	17	.3	2	1	44	.17	2	5	ND	1	11	.2	2	2	10	.07	.010	4	4	.02	27	.06	6	.60	.03	.04	1	1
70+00W 4+00S	1	1	2	13	.1	1	1	52	.15	2	5	ND	1	9	.2	2	2	13	.06	.006	5	6	.03	15	.06	2	.37	.02	.03	1	1
70+00W 4+25S	12	14	15	40	.4	10	3	319	6.60	14	5	ND	1	40	.2	2	2	173	.68	.022	6	37	.26	36	.32	2	1.67	.03	.03	1	1
70+00W 4+50S	13	20	49	51	.4	8	3	276	4.49	10	5	ND	1	47	.2	2	2	185	.85	.023	6	36	.23	53	.33	3	2.14	.03	.03	1	1
70+00W 4+75S	3	23	7	31	.1	18	7	204	7.58	3	5	ND	2	22	.2	2	2	232	.24	.013	4	78	.28	19	.47	3	2.86	.02	.02	1	3
70+00W 5+00S	6	7	17	30	.4	12	2	341	3.74	2	5	ND	1	37	.2	2	2	196	.72	.006	4	45	.39	31	.51	3	1.74	.03	.03	1	1
70+00W 5+25S	1	16	9	39	.4	37	8	273	7.22	2	5	ND	1	54	.2	3	2	209	.83	.009	2	134	.64	10	.63	3	1.16	.08	.04	1	1
70+00W 5+50S	1	9	11	35	.3	7	2	170	1.32	2	5	ND	1	24	.2	2	2	117	.36	.015	4	43	.22	12	.38	5	.85	.03	.03	1	3
70+00W 5+75S	6	9	4	30	.2	5	1	152	2.42	4	5	ND	1	29	.2	2	2	119	.39	.012	5	23	.09	43	.28	5	1.01	.05	.03	1	2
STANDARD C/AU-S	18	59	39	134	7.2	71	33	1058	3.88	38	19	7	39	52	18.4	14	18	56	.48	.085	39	58	.84	173	.09	33	1.85	.06	.15	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
70+00W 6+00S	9	14	22	57	.4	15	4	364	7.40	13	6	ND	1	23	.2	2	2	213	.69	.043	3	41	.33	29	.21	2	1.90	.04	.05	1	5
70+00W 6+25S	7	12	8	40	.1	14	9	285	5.54	7	5	ND	1	22	.2	2	2	232	.41	.014	3	65	.45	23	.39	7	1.37	.05	.04	1	1
70+00W 6+50S	3	15	17	55	.5	22	7	250	2.28	5	5	ND	1	30	.2	2	2	78	.59	.057	3	55	.46	31	.16	4	1.30	.09	.06	1	2
70+00W 6+75S	5	25	6	48	.5	22	10	278	5.46	5	5	ND	1	34	.2	5	4	171	.48	.022	4	79	.49	25	.37	2	2.06	.06	.05	1	3
70+00W 7+00S	3	2	18	33	.3	5	1	112	.97	3	5	ND	1	35	.6	2	2	73	.80	.030	3	18	.06	57	.14	7	.54	.06	.11	1	3
70+00W 7+25S	2	12	2	31	.5	14	4	145	3.34	2	5	ND	1	22	.2	2	2	124	.30	.015	3	45	.15	19	.24	2	1.07	.07	.05	1	3
70+00W 7+50S	1	6	6	47	.2	9	1	98	.72	2	6	ND	1	27	.2	2	2	38	.43	.041	2	22	.15	26	.11	3	.54	.04	.08	1	12
70+00W 7+75S	3	25	2	24	.2	8	4	148	3.73	5	5	ND	1	21	.2	2	2	147	.23	.015	4	56	.19	16	.31	2	2.33	.03	.03	1	3
70+00W 8+00S	2	7	3	61	.1	9	1	54	1.04	6	5	ND	1	15	.2	2	2	35	.25	.069	3	24	.05	27	.05	2	1.11	.03	.03	1	1
70+00W 8+25S	5	1	2	26	.1	8	4	782	4.01	22	5	ND	1	47	.2	2	2	270	3.85	.020	5	32	.15	4	.32	2	1.03	.02	.01	1	35
70+00W 8+50S	3	1	10	9	.1	3	1	120	.72	2	11	ND	1	13	.2	2	2	59	.34	.009	3	10	.05	13	.22	2	.69	.05	.04	1	1
68+00W 0+00N	3	48	20	33	.2	14	8	166	7.96	4	5	ND	1	28	.2	2	2	278	.38	.015	2	83	.23	1	.69	3	3.88	.02	.02	1	2
68+00W 0+25S	4	36	37	51	.1	13	11	324	6.84	9	5	ND	1	70	.6	2	2	244	.70	.014	2	65	.36	18	.64	2	2.12	.03	.02	1	1
68+00W 0+50S	1	7	9	23	.1	8	3	198	2.03	2	5	ND	1	15	.2	2	2	192	.25	.009	4	42	.13	10	.68	4	1.01	.03	.03	1	6
68+00W 0+75S	1	15	2	28	.1	22	15	229	12.39	5	5	ND	1	9	.2	2	2	381	.17	.004	2	82	.08	5	.59	2	1.07	.01	.02	1	4
68+00W 1+00S	1	15	18	33	.2	17	12	208	8.78	2	5	ND	1	12	.2	2	2	411	.33	.008	2	75	.23	5	.74	2	.83	.02	.02	1	2
68+00W 1+25S	1	16	12	36	.4	13	9	246	6.32	7	5	ND	1	20	.2	3	2	294	.50	.006	2	59	.29	6	.72	2	.84	.02	.02	1	1
68+00W 1+50S	1	50	10	39	.3	25	20	151	14.93	11	5	ND	1	15	.6	5	2	399	.32	.004	2	56	.26	3	.76	2	1.21	.02	.02	1	4
68+00W 1+75S	1	4	14	34	.1	16	7	131	5.44	2	5	ND	1	12	.2	2	2	400	.33	.007	2	43	.20	5	.88	2	.82	.03	.03	1	7
68+00W 2+00S	2	7	15	19	.1	6	1	270	1.26	6	5	ND	1	18	.2	2	2	182	.38	.004	3	32	.10	17	.59	2	.92	.02	.02	1	2
68+00W 2+25S	12	63	6	74	.6	12	45	628	1.54	11	5	ND	1	19	.3	4	2	37	.38	.081	6	25	.04	13	.06	2	4.66	.01	.01	2	1
68+00W 2+50S	2	61	17	47	.4	21	13	163	9.94	8	5	ND	1	18	.2	2	2	278	.35	.011	3	76	.29	13	.66	2	2.39	.02	.02	1	2
68+00W 2+75S	1	12	19	25	.1	8	3	133	2.48	4	5	ND	1	13	.2	4	2	224	.31	.005	3	65	.20	11	.76	2	1.21	.02	.02	1	8
68+00W 3+00S	2	52	16	44	.1	11	12	130	12.78	13	5	ND	1	12	.4	3	2	306	.20	.025	2	71	.17	16	.54	2	2.93	.01	.03	1	3
68+00W 3+25S	1	3	13	18	.1	4	1	133	1.11	3	5	ND	1	12	.2	2	2	175	.30	.004	4	40	.07	11	.60	3	.87	.01	.02	1	12
68+00W 3+50S	3	19	24	24	.1	4	6	478	5.50	10	5	ND	1	15	.2	2	2	193	1.30	.012	4	47	.09	14	.61	2	1.82	.01	.02	1	3
68+00W 3+75S	1	3	9	11	.1	4	1	99	.46	2	5	ND	1	7	.2	2	2	41	.14	.009	4	19	.06	17	.22	4	.78	.02	.03	1	2
68+00W 4+00S	2	1	8	8	.3	2	1	106	.19	2	5	ND	1	9	.2	2	2	17	.10	.008	4	7	.03	16	.16	2	.39	.04	.05	1	1
68+00W 4+25S	4	54	78	176	.7	17	8	309	3.86	11	5	ND	1	32	.4	2	2	125	.41	.028	5	67	.50	23	.27	4	3.91	.02	.03	1	5
68+00W 4+50S	7	20	16	35	.1	15	6	253	5.43	15	6	ND	1	33	.3	2	2	221	.45	.012	2	54	.23	14	.43	2	1.90	.03	.03	1	1
68+00W 4+75S	1	14	2	24	.2	5	1	97	.81	2	5	ND	1	9	.2	2	2	28	.09	.057	2	20	.06	9	.06	2	1.09	.02	.02	1	1
68+00W 5+00S	2	10	3	21	.1	10	11	171	6.22	4	5	ND	1	10	1.1	3	2	216	.12	.011	2	71	.09	12	.38	3	1.37	.01	.02	1	2
68+00W 5+25S	9	5	10	21	.1	11	2	182	1.81	2	5	ND	1	21	.4	2	2	84	.21	.011	3	30	.26	16	.24	2	1.05	.03	.03	1	1
68+00W 5+50S	9	2	12	17	.1	6	1	161	1.38	2	5	ND	1	16	.2	2	2	91	.18	.015	3	23	.10	13	.26	2	.55	.02	.03	1	4
68+00W 5+75S	6	18	2	45	.4	6	2	30	.80	2	5	ND	1	22	.3	2	2	40	.52	.047	2	17	.05	18	.03	2	1.12	.01	.02	1	1
68+00W 6+00S	7	9	8	28	.1	8	1	176	1.68	5	5	ND	1	25	.2	2	2	78	.22	.013	4	34	.22	23	.28	2	1.07	.03	.03	1	2
STANDARD C/AU-S	21	64	42	136	7.5	70	33	1077	4.04	41	18	7	41	53	18.0	14	19	61	.49	.092	39	59	.92	178	.09	32	1.92	.07	.15	11	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
68+00W 6+25S	4	28	2	40	.4	24	13	184	7.57	2	5	ND	4	17	.2	2	2	227	.30	.012	4	106	.23	16	.46	2	2.77	.02	.02	1	1
68+00W 6+50S	1	9	11	36	.1	9	4	385	2.41	2	5	ND	1	64	.2	2	2	185	.62	.005	2	68	.27	6	.55	4	1.06	.02	.02	1	3
68+00W 6+75S	1	5	7	23	.1	7	5	228	3.95	2	5	ND	2	26	.2	2	2	302	.34	.005	4	46	.20	6	.54	2	1.21	.02	.02	1	2
68+00W 7+00S	1	14	2	34	.1	7	3	77	1.68	2	5	ND	1	11	.2	2	2	139	.16	.025	3	48	.11	8	.17	2	.72	.02	.02	1	2
68+00W 7+25S	2	34	8	29	.3	13	4	169	1.36	2	5	ND	2	21	.2	2	2	93	.28	.019	7	92	.27	16	.33	2	2.20	.03	.02	1	3
68+00W 7+50S	8	7	3	21	.2	6	2	112	.62	2	5	ND	1	17	.2	2	2	93	.18	.013	5	48	.11	34	.27	2	1.10	.03	.03	1	3
68+00W 7+75S	3	2	7	11	.2	2	1	144	.39	2	5	ND	1	14	.2	2	2	58	.17	.009	5	17	.04	10	.24	2	.70	.02	.02	1	3
68+00W 8+00S	5	31	7	37	.2	12	8	203	5.75	9	5	ND	5	22	.2	2	2	145	.34	.018	8	55	.36	21	.31	2	4.16	.02	.02	1	1
68+00W 8+25S	6	5	19	9	.4	1	1	219	.87	2	5	ND	1	24	.3	3	2	77	1.01	.010	4	21	.03	11	.31	3	.87	.02	.02	1	1
68+00W 8+50S	3	5	5	15	.2	1	1	145	1.10	2	5	ND	1	26	.2	2	2	82	.32	.011	5	26	.08	24	.29	2	1.19	.04	.03	1	2
50+00W 2+50S	10	63	22	467	.9	169	19	570	5.41	81	5	ND	4	27	1.9	2	2	358	1.05	.041	13	86	.77	59	.29	9	4.44	.02	.01	1	8
50+00W 2+75S	16	22	5	1601	.4	63	15	1512	5.00	39	5	ND	2	27	9.0	3	2	1811	2.88	.035	8	100	.12	25	.24	2	2.47	.02	.02	4	11
50+00W 3+00S	23	28	12	953	1.4	54	9	291	5.99	50	5	ND	3	20	.9	2	2	1339	1.13	.024	5	124	.19	35	.27	2	4.03	.02	.01	1	9
50+00W 3+25S	24	17	25	803	.6	50	9	473	6.89	17	5	ND	4	22	1.5	2	3	1148	1.46	.035	6	101	.26	35	.28	2	5.04	.01	.02	1	3
44+00W 0+00N	3	57	485	878	4.3	24	10	450	6.51	110	5	ND	3	21	2.6	5	2	204	.39	.048	6	54	.50	28	.31	3	4.47	.01	.02	3	2
44+00W 0+25S	1	13	55	234	1.1	4	3	1217	.76	25	5	ND	1	438	2.4	2	2	16	24.17	.055	2	6	.11	7	.02	5	.74	.02	.02	1	3
44+00W 0+50S	4	31	91	303	.7	21	12	810	4.73	67	5	ND	2	17	.4	2	2	168	.23	.035	5	45	.22	28	.21	2	3.88	.02	.01	1	3
44+00W 0+75S	2	20	88	144	.8	9	7	284	4.76	46	5	ND	2	17	.7	2	2	178	.24	.026	6	52	.21	18	.26	3	3.76	.02	.01	1	4
44+00W 1+00S	10	33	224	372	2.5	24	13	952	7.35	91	5	ND	2	25	1.2	2	2	227	.87	.053	6	38	.29	37	.37	2	3.45	.01	.02	1	2
44+00W 1+25S	6	32	246	835	2.8	97	15	10056	4.04	88	5	ND	1	75	7.2	2	2	153	2.13	.182	11	33	.47	72	.18	2	4.57	.01	.02	2	5
44+00W 1+50S	22	9	15	68	.2	41	3	348	2.56	21	5	ND	1	11	.2	2	2	322	3.38	.119	2	42	.04	12	.34	2	1.57	.01	.01	1	2
44+00W 1+75S	16	92	23	918	.8	101	21	1731	4.31	90	5	ND	3	16	4.8	2	2	1105	1.09	.057	12	115	.24	21	.24	2	5.76	.01	.01	1	28
44+00W 2+00S	6	40	24	224	2.0	29	9	447	4.70	24	5	ND	2	21	1.2	2	2	425	.59	.141	11	110	.19	28	.26	2	4.50	.01	.01	1	11
44+00W 2+25S	5	8	13	38	.4	7	3	116	3.73	20	5	ND	2	13	.2	3	2	189	.19	.022	5	35	.10	22	.22	2	1.53	.02	.01	1	3
44+00W 2+50S	1	6	5	40	.3	3	2	120	1.21	2	5	ND	2	12	.3	2	2	37	.11	.025	6	7	.06	46	.08	4	2.03	.01	.03	1	1
44+00W 2+75S	4	18	4	47	.5	9	4	240	1.90	7	5	ND	2	26	.3	2	2	137	.32	.028	7	53	.28	24	.37	2	3.57	.02	.02	1	2
44+00W 3+00S	1	9	6	26	.1	4	3	220	2.77	16	5	ND	2	8	.2	2	2	100	.11	.012	4	28	.08	10	.20	4	1.74	.02	.01	1	2
44+00W 3+25S	29	8	6	62	.5	3	11	821	9.11	41	5	ND	2	30	.2	3	2	556	.42	.045	3	58	.09	53	.38	2	1.40	.02	.04	1	15
44+00W 3+50S	7	15	12	156	.5	14	6	229	4.60	24	5	ND	2	23	.2	2	2	223	.43	.027	6	57	.24	36	.41	2	2.23	.03	.02	1	3
44+00W 3+75S	8	3	4	23	.2	6	5	418	4.28	44	5	ND	1	16	.2	2	2	189	.32	.016	3	26	.05	11	.41	2	.59	.01	.03	1	4
44+00W 4+00S	3	16	8	39	.4	11	7	200	4.94	32	5	ND	1	21	.3	2	2	203	.47	.025	3	43	.40	18	.54	2	2.21	.03	.02	1	1
44+00W 4+25S	3	68	12	76	1.2	26	12	196	8.76	52	5	ND	1	31	1.0	2	2	209	.45	.032	4	221	.43	53	.43	2	7.26	.02	.01	1	2
44+00W 4+50S	59	39	46	117	.5	11	130	7329	8.30	87	5	ND	1	9	.2	2	2	236	.16	.083	15	107	.14	11	.22	2	7.94	.01	.01	1	2
44+00W 4+75S	3	43	6	37	1.0	7	4	252	.61	29	7	ND	1	9	.7	2	2	25	.11	.138	12	28	.05	14	.05	2	3.30	.01	.01	1	1
44+00W 5+00S	3	48	79	267	.7	17	12	807	4.57	79	5	ND	1	17	.4	2	2	158	.22	.049	5	44	.21	26	.26	5	3.75	.01	.01	1	1
44+00W 5+25S	3	15	7	34	.7	5	4	158	.40	13	5	ND	2	9	.2	2	2	15	.10	.076	6	14	.03	16	.03	2	1.37	.01	.01	1	1
STANDARD C/AU-S	17	61	38	129	7.3	67	32	1079	3.87	39	19	8	39	53	18.5	15	19	57	.48	.092	40	57	.84	172	.09	34	1.84	.06	.13	11	46

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
44+00W 5+50S	4	5	13	43	.1	2	1	73	.29	2	5	ND	1	14	.2	2	2	29	.12	.028	3	14	.07	27	.12	2	.87	.02	.03	1	3
44+00W 5+75S	5	6	15	39	.2	6	2	159	.70	2	5	ND	1	22	.2	2	2	97	.23	.018	6	39	.23	34	.23	6	1.84	.03	.03	1	3
44+00W 6+00S	12	20	40	104	.3	9	3	324	1.69	12	5	ND	1	26	.8	2	2	64	.35	.037	6	26	.12	50	.13	3	1.55	.02	.04	1	13
44+00W 6+25S	10	8	27	118	.4	4	2	528	5.49	11	5	ND	1	23	.6	3	2	373	2.28	.008	5	26	.09	20	.37	4	1.88	.02	.02	1	3
44+00W 6+50S	8	16	16	87	.5	6	5	491	4.44	14	5	ND	1	30	.3	2	2	333	2.24	.014	2	29	.13	17	.37	2	1.05	.02	.02	1	3
44+00W 6+75S	2	14	8	41	.3	4	3	228	1.71	6	5	ND	1	34	.2	2	2	95	.51	.034	9	29	.24	21	.23	3	3.34	.02	.02	1	2
44+00W 7+00S	5	14	13	42	.5	7	4	181	7.89	10	5	ND	1	18	.3	2	2	259	.36	.024	6	61	.21	22	.44	3	3.49	.02	.01	1	5
44+00W 7+25S	1	9	13	40	.2	5	2	387	7.43	14	5	ND	1	23	.3	3	2	368	1.30	.009	4	39	.08	24	.53	4	1.61	.02	.02	1	4
44+00W 7+50S	1	12	12	52	.2	8	4	550	5.54	10	5	ND	1	21	.2	2	2	250	1.75	.019	3	40	.18	25	.30	3	1.91	.02	.03	1	1
44+00W 7+75S	6	4	16	24	.2	3	1	114	1.26	5	5	ND	1	21	.2	2	2	105	.40	.020	3	16	.06	20	.25	5	.68	.02	.04	1	5
44+00W 8+00S	3	7	4	34	.1	6	1	82	.97	2	5	ND	1	17	.2	2	2	89	.19	.020	3	26	.08	14	.18	2	1.04	.02	.02	1	1
44+00W 8+25S	6	3	13	19	.1	2	1	127	.70	2	5	ND	1	20	.2	2	4	122	.39	.014	3	23	.04	20	.35	2	.74	.02	.03	1	2
44+00W 8+50S	6	4	14	17	.1	3	2	201	2.38	2	5	ND	1	37	.2	2	4	210	.27	.006	4	30	.09	15	.42	2	.83	.02	.02	1	4
STANDARD C/AU-S	18	59	38	125	6.8	69	33	1075	3.93	38	16	6	39	52	18.6	16	18	56	.48	.086	39	56	.84	172	.09	36	1.83	.06	.15	11	45

ACME ANA :CAL LABORATORIES LTD. 852 E. HASTINGS ST. V:)UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX((253-1716

WHOLE ROCK ICP ANALYSIS

Daiwan Engineering Ltd. PROJECT HOLBERG File # 91-1225 Page 6

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
B 97116	69.62	14.86	3.57	1.16	3.55	3.21	2.45	.29	.13	.08	.002	1066	400	2	91	13	20	.9	100.07

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: P1-5 SOIL P6 ROCK

DATE RECEIVED: MAY 8 1991 **DATE REPORT MAILED:** May 13/91 **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
B 97101	3	270	19	68	.4	19	32	112	2.65	7	5	ND	1	324	.2	2	2	26	3.54	.087	4	5	.09	39	.14	6	4.77	.58	.04	1	3
B 97102	1	80	13	56	.2	9	28	215	3.26	162	5	ND	1	479	1.7	2	2	45	3.49	.065	2	4	.60	60	.15	5	5.78	.87	.07	2	5
B 97104	1	139	2	39	.2	196	31	254	3.79	4	5	ND	1	307	.9	2	2	89	2.32	.051	2	384	3.38	69	.21	5	4.93	.39	.33	1	7
B 97105	5	35	10	325	.5	32	15	2239	5.18	22	5	ND	1	71	4.9	2	2	245	2.44	.200	8	62	.33	29	.13	4	2.34	.04	.04	4	3
B 97106	2	1047	83	237	2.7	669	190	308	23.28	478	10	ND	1	4	3.9	2	12	29	.88	.009	3	9	.19	4	.03	2	1.04	.01	.01	1	13
B 97107	12	101	18	104	.4	51	12	755	3.19	12	5	ND	1	75	1.7	2	4	130	1.37	.236	18	58	.14	76	.10	2	1.10	.16	.07	2	6
B 97108	1	842	2	49	2.0	76	207	364	27.27	28	9	ND	1	17	1.6	3	5	35	.74	.027	3	10	.27	14	.03	2	.94	.03	.02	1	29
B 97109	2	941	6	126	.8	51	34	753	8.51	2	5	ND	1	108	1.4	2	2	66	1.62	.029	7	16	.33	23	.08	2	2.00	.13	.04	1	8
B 97110	1	1171	23	561	1.9	335	337	154	36.04	17	19	ND	2	20	2.3	2	17	88	.46	.012	2	23	.43	6	.02	2	.94	.01	.03	1	75
B 97111	1	206	12	35	.3	45	47	335	5.06	22	5	ND	1	233	.2	2	2	40	1.56	.025	11	9	.19	14	.05	2	2.12	.28	.02	2	5
B 97112	2	1496	12	247	.7	292	400	389	30.80	232	15	ND	2	5	.2	2	22	14	.69	.018	4	7	.25	12	.01	2	.39	.01	.02	1	18
B 97113	3	1074	17	220	2.9	385	475	157	40.12	347	24	ND	2	3	2.0	2	26	9	.28	.003	2	2	.18	5	.01	3	.23	.01	.01	1	6
B 97114	1	818	6	96	1.1	238	482	521	32.22	723	12	ND	1	4	1.2	2	12	13	.27	.014	2	12	2.08	16	.02	22	.40	.01	.16	1	14
B 97115	1	134	2	81	.6	90	52	689	6.84	21	5	ND	1	384	2.2	2	2	249	1.89	.050	3	256	5.64	59	.11	4	5.03	.34	.03	1	6
B 97116	1	29	6	46	.1	9	15	379	2.09	15	5	ND	1	121	.7	2	2	23	1.23	.034	4	7	.40	55	.09	6	2.01	.31	.14	1	7
B 97117	1	115	3	102	.6	184	43	1002	6.34	180	5	ND	1	220	.9	2	2	202	1.48	.057	5	237	6.41	77	.17	9	5.05	.09	.02	1	6
B 97118	1	143	59	4284	1.5	164	51	991	9.35	79	7	ND	1	67	62.9	6	2	183	.98	.064	3	545	2.27	40	.15	2	3.81	.04	.06	6	57
STANDARD C/AU-R	19	60	42	133	7.0	73	32	1067	3.98	37	24	7	40	53	18.7	14	19	58	.48	.090	40	58	.88	177	.09	36	1.87	.07	.15	11	503

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 HOLBERG File # 91-1197 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
66+00W 000N	5	11	23	16	.3	4	4	197	6.13	5	5	ND	1	23	.2	2	2	240	.35	.010	2	27	.09	21	.42	2	.95	.02	.02	1	4
66+00W 025S	3	40	20	42	.5	12	7	238	8.90	12	5	ND	1	37	.2	4	2	220	.39	.018	4	62	.24	31	.61	2	3.82	.02	.02	2	2
66+00W 050S	3	59	25	44	.4	11	9	302	9.70	6	5	ND	1	28	.2	2	2	304	.40	.021	3	44	.24	17	.64	2	2.17	.02	.03	1	4
66+00W 075S	5	9	33	38	.3	5	2	168	1.97	3	5	ND	1	25	.4	2	2	149	.35	.011	3	23	.12	28	.61	3	.72	.03	.04	1	5
66+00W 100S	6	56	24	64	.7	7	4	112	1.06	3	5	ND	1	45	.3	2	2	79	.48	.047	4	33	.16	42	.31	7	1.50	.05	.04	1	2
66+00W 125S	1	251	11	112	1.1	13	5	32	.67	2	5	ND	1	26	.9	2	4	16	.38	.134	5	16	.04	17	.05	3	3.69	.02	.01	1	1
66+00W 150S	2	67	21	33	.2	20	9	257	8.66	6	5	ND	1	51	.2	2	2	198	.52	.024	2	74	.35	20	.56	2	3.13	.03	.03	1	2
66+00W 175S	1	61	11	41	.3	26	12	273	8.39	8	5	ND	1	37	.2	2	2	171	.47	.024	2	88	.46	20	.60	2	3.64	.05	.02	1	2
66+00W 200S	1	65	13	41	.2	27	15	353	9.81	6	5	ND	1	28	.2	2	2	302	.39	.010	2	97	.51	11	.74	2	1.74	.03	.02	1	2
66+00W 225S	1	6	10	20	.1	4	1	266	1.49	2	5	ND	2	16	.2	2	2	99	.14	.007	6	35	.15	17	.33	4	.76	.04	.04	1	2
66+00W 250S	1	78	6	34	.6	18	8	160	7.54	12	5	ND	1	25	.2	4	2	158	.25	.032	2	78	.26	19	.39	2	7.37	.03	.02	2	2
66+00W 275S	1	15	6	20	.2	22	8	251	9.64	5	5	ND	1	15	.2	2	2	335	.30	.007	3	102	.19	9	.63	2	.71	.02	.02	1	3
66+00W 300S	1	7	13	21	.2	8	2	687	1.49	2	5	ND	1	12	.3	2	2	180	.32	.004	5	65	.29	7	.68	2	1.00	.02	.01	1	4
66+00W 325S	2	51	13	31	.3	13	5	206	4.08	9	5	ND	2	27	.2	3	2	200	.32	.025	4	89	.30	18	.49	2	5.65	.02	.02	1	3
66+00W 350S	3	2	11	13	.3	1	1	94	1.16	2	5	ND	2	7	.2	3	3	56	.08	.006	8	7	.06	14	.11	4	.72	.02	.04	1	2
66+00W 375S	1	2	16	15	.1	1	1	148	.41	2	5	ND	1	38	.2	2	3	12	.29	.004	6	2	.03	30	.03	2	1.76	.01	.14	1	2
66+00W 400S	5	100	269	445	.7	23	32	817	7.58	17	5	ND	1	50	.3	2	2	110	.86	.029	5	62	.57	28	.23	2	6.48	.01	.03	3	2
66+00W 425S	5	87	2	53	.6	38	13	249	2.07	7	5	ND	2	48	.2	2	2	148	.48	.033	7	95	.61	33	.32	5	6.73	.02	.02	1	2
66+00W 450S	2	43	18	44	.4	51	13	316	9.20	7	5	ND	1	41	.2	2	4	222	.32	.021	2	110	.80	15	.57	2	3.39	.02	.03	1	3
66+00W 475S	1	76	11	28	.3	31	10	115	6.09	3	5	ND	1	22	.2	2	2	117	.15	.027	2	91	.35	15	.31	2	6.95	.01	.02	1	2
66+00W 500S	1	28	2	21	.3	62	22	265	9.41	5	5	ND	1	14	.2	2	2	326	.23	.008	2	127	.27	15	.50	2	.88	.02	.02	1	1
66+00W 525S	1	7	9	28	.2	8	2	373	1.61	2	5	ND	1	11	.2	2	2	280	.23	.003	3	108	.22	9	.73	5	.86	.01	.01	1	2
66+00W 550S	1	29	9	109	.2	139	24	1188	12.16	9	5	ND	1	75	.2	2	2	223	.45	.043	2	299	4.44	15	.57	2	4.13	.01	.01	1	1
66+00W 575S	1	2	2	12	.1	2	1	114	.48	2	5	ND	2	12	.2	2	2	39	.07	.009	5	10	.07	11	.12	4	.45	.02	.04	1	2
66+00W 600S	3	88	22	33	.4	16	6	175	8.10	10	5	ND	1	22	.2	2	5	158	.22	.028	5	83	.27	21	.29	2	5.27	.02	.02	1	3
66+00W 625S	1	52	11	30	.3	24	8	191	12.59	9	5	ND	1	39	.2	2	2	250	.28	.025	2	117	.34	16	.56	2	3.61	.02	.02	1	3
66+00W 650S	1	4	11	20	.3	8	2	211	1.28	2	5	ND	1	33	.2	3	2	128	.39	.009	3	42	.23	14	.41	4	.77	.02	.03	1	2
66+00W 675S	1	8	8	13	.1	9	2	166	4.01	4	5	ND	1	23	.2	2	2	152	.28	.009	3	58	.17	12	.45	2	1.21	.02	.02	1	1
66+00W 700S	1	11	14	23	.1	9	2	171	1.91	4	5	ND	1	15	.2	2	2	144	.21	.016	4	44	.16	12	.50	3	.94	.02	.03	1	6
66+00W 725S	1	110	6	33	.2	36	18	239	10.82	6	5	ND	1	28	.2	2	2	368	.24	.026	3	120	.44	20	.65	2	1.57	.03	.03	1	4
66+00W 750S	1	16	18	36	.2	6	1	316	1.55	3	5	ND	2	14	.2	2	2	186	.16	.013	5	88	.11	16	.62	3	1.08	.02	.03	1	4
66+00W 775S	1	1	3	4	.2	1	1	58	.06	2	5	ND	1	5	.2	2	2	10	.02	.006	8	5	.02	17	.04	2	.55	.02	.03	1	1
66+00W 800S	3	13	21	19	.2	8	1	147	1.52	8	5	ND	2	14	.2	2	2	99	.14	.012	7	50	.23	25	.26	4	2.76	.02	.03	1	1
66+00W 825S	4	27	19	31	.2	7	1	164	1.42	8	5	ND	1	20	.2	2	2	142	.26	.021	7	51	.25	23	.31	2	2.82	.02	.02	2	3
66+00W 850S	8	31	19	57	1.2	11	4	187	5.97	24	5	ND	1	20	.2	2	2	177	.66	.030	5	89	.22	36	.42	2	5.39	.02	.02	1	3
64+00W 000N	1	36	17	24	.3	5	4	158	9.39	9	5	ND	1	11	.2	4	2	249	.16	.021	2	57	.11	13	.46	2	3.57	.02	.02	1	1
STANDARD C/AU-S	19	60	44	131	7.6	69	32	1087	3.90	39	17	6	39	52	19.0	16	20	58	.47	.089	39	56	.89	173	.09	31	1.84	.06	.15	11	45

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 AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 6 1991 **DATE REPORT MAILED:** May 10/91 **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
64+00W 025S	3	12	10	23	.2	6	3	220	4.61	2	5	ND	2	17	.2	2	3	239	.27	.007	6	32	.11	17	.51	6	1.54	.02	.02	1	2
64+00W 050S	4	35	15	43	.2	11	5	185	4.95	12	5	ND	4	16	.2	2	2	162	.25	.019	5	64	.17	19	.31	2	6.23	.02	.02	1	6
64+00W 075S	4	30	20	28	.4	8	7	228	15.42	6	5	ND	1	14	.2	3	2	248	.19	.016	4	59	.29	18	.36	2	2.27	.02	.02	1	4
64+00W 100S	2	30	2	43	.3	11	4	242	5.45	3	5	ND	2	27	.2	2	2	165	.27	.014	5	47	.28	24	.31	7	2.04	.04	.04	1	4
64+00W 125S	1	35	3	23	.5	23	10	307	13.54	3	5	ND	1	13	.2	2	2	357	.30	.005	3	76	.17	11	.65	4	1.69	.02	.02	1	5
64+00W 150S	2	65	7	30	.5	22	9	228	13.82	5	5	ND	1	16	.2	5	2	301	.40	.020	3	99	.21	13	.51	2	4.67	.02	.01	1	8
64+00W 175S	2	62	11	30	.4	29	16	221	11.27	3	5	ND	1	74	.2	5	2	348	.24	.012	2	72	.18	58	.60	2	1.83	.03	.02	2	5
64+00W 225S	2	82	13	38	.1	16	4	161	4.85	2	6	ND	3	25	.2	2	2	120	.21	.037	10	75	.30	25	.30	4	10.26	.02	.01	1	4
64+00W 250S	3	33	7	22	.1	9	3	139	6.79	8	5	ND	4	11	.2	3	2	147	.14	.017	5	92	.12	17	.29	2	8.19	.01	.01	1	7
64+00W 275S	4	41	8	26	.3	19	9	221	10.02	10	5	ND	2	35	.2	3	2	250	.24	.021	4	96	.25	42	.43	3	4.09	.02	.02	1	2
64+00W 300S	2	35	3	37	.1	19	6	280	2.78	2	7	ND	1	124	.2	2	2	81	1.68	.029	4	48	.46	29	.19	6	4.96	.02	.03	1	2
64+00W 325S	4	21	11	24	.1	8	4	237	6.72	4	5	ND	1	31	.2	2	2	196	.55	.019	4	35	.28	26	.38	6	2.40	.03	.02	1	3
64+00W 350S	3	56	13	26	.4	8	6	178	6.80	3	5	ND	2	34	.2	2	2	169	.19	.016	3	41	.35	34	.28	2	9.46	.02	.02	1	8
64+00W 375S	4	29	15	33	.1	9	12	529	6.97	6	5	ND	1	94	.2	3	2	144	1.46	.017	3	44	.35	15	.37	2	3.92	.02	.02	1	2
64+00W 400S	4	29	15	51	.2	7	7	313	8.88	7	5	ND	1	117	.2	2	2	233	.32	.020	5	25	1.14	83	.36	3	3.46	.03	.04	1	5
64+00W 425S	2	29	15	57	.1	6	8	283	7.03	4	5	ND	1	72	.2	2	2	191	1.01	.021	5	27	.71	25	.23	2	7.42	.03	.03	1	1
64+00W 450S	2	11	4	21	.1	9	4	164	4.90	2	5	ND	1	16	.2	2	2	175	.16	.006	3	51	.15	10	.31	4	1.44	.01	.02	1	3
64+00W 475S	4	23	16	40	.1	13	5	255	7.25	5	5	ND	1	30	.2	2	2	197	.23	.011	4	51	.59	22	.32	3	2.57	.02	.03	1	42
64+00W 500S	2	66	5	43	.1	24	6	172	2.23	2	5	ND	2	24	.2	2	2	105	.27	.047	7	83	.40	24	.23	4	8.16	.02	.02	1	2
64+00W 525S	2	29	9	42	.2	69	10	324	10.32	7	5	ND	1	27	.2	4	2	258	.19	.021	2	134	1.57	22	.50	4	2.54	.04	.03	1	3
64+00W 550S	2	38	5	30	.1	34	11	117	8.70	2	5	ND	1	17	.2	2	2	261	.15	.020	2	82	.26	11	.38	2	3.47	.02	.01	1	1
64+00W 575S	2	24	15	21	.2	27	10	265	8.54	6	5	ND	1	31	.2	4	2	302	.15	.007	4	172	.18	24	.40	2	1.74	.03	.03	1	3
64+00W 600S	2	43	13	49	.5	15	7	418	6.44	6	5	ND	2	48	.2	2	2	204	.34	.021	5	50	1.08	33	.27	3	3.89	.02	.03	1	3
64+00W 625S	2	55	6	38	.4	27	6	210	3.63	2	5	ND	1	26	.2	2	5	123	.21	.043	7	116	.48	25	.21	3	6.83	.02	.01	1	2
64+00W 650S	2	24	7	30	.2	33	11	272	13.51	3	5	ND	1	15	.2	2	2	362	.13	.016	4	207	.48	10	.42	2	2.06	.02	.02	1	9
64+00W 675S	2	14	9	16	.1	14	6	228	6.39	2	5	ND	1	20	.2	2	2	281	.22	.007	3	88	.11	8	.57	4	1.09	.02	.01	1	1
64+00W 700S	1	7	9	14	.1	7	2	308	2.97	2	5	ND	1	21	.2	2	2	236	.21	.005	3	59	.10	10	.45	2	.96	.02	.01	1	1
64+00W 750S	1	8	9	18	.1	6	1	88	1.99	2	5	ND	1	37	.2	3	2	335	.55	.004	3	93	.08	11	1.06	3	1.15	.02	.01	1	1
64+00W 775S	4	15	13	32	.1	14	2	137	.89	2	5	ND	2	20	.3	2	2	78	.24	.016	7	48	.21	30	.38	6	2.05	.04	.04	1	1
64+00W 800S	4	24	9	24	.1	9	3	166	5.54	5	5	ND	3	20	.2	2	2	163	.19	.015	6	80	.21	19	.36	2	4.60	.02	.02	1	2
64+00W 850S	5	26	14	27	.1	8	2	130	4.18	5	5	ND	1	21	.2	2	2	139	.21	.013	7	45	.12	21	.30	4	2.49	.03	.02	1	1
50+00W 100S	3	25	364	684	2.8	24	11	2542	5.15	237	9	ND	1	41	3.2	8	2	76	.90	.093	10	30	.36	59	.03	6	5.29	.03	.03	5	6
50+00W 525S	5	20	26	55	.4	7	3	243	2.12	13	6	ND	2	24	.2	2	2	67	.40	.052	15	27	.26	20	.16	4	7.22	.02	.02	1	3
50+00W 550S	5	3	19	18	.1	4	1	104	2.18	6	5	ND	2	11	.4	3	2	69	.16	.010	5	10	.08	25	.25	2	1.59	.03	.03	1	2
50+00W 575S	4	6	20	33	.2	4	1	173	1.15	5	6	ND	2	17	.2	2	2	86	.29	.019	8	24	.13	19	.31	5	2.71	.02	.02	1	2
50+00W 600S	5	21	12	46	.1	12	3	234	2.29	11	5	ND	1	23	.2	2	2	139	.51	.031	13	53	.32	20	.35	2	5.88	.02	.02	1	1
50+00W 625S	7	16	18	47	.1	8	4	263	5.61	14	5	ND	2	22	.2	2	2	227	.64	.019	6	52	.22	18	.41	2	3.90	.02	.02	1	2
STANDARD C/AU-S	20	60	38	131	7.3	70	32	1098	3.87	40	17	7	39	53	17.0	16	20	58	.47	.091	39	56	.87	173	.09	32	1.85	.06	.15	11	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
50+00W 650S	5	17	21	70	.5	11	3	269	3.90	12	5	ND	3	17	.2	2	2	204	.55	.022	6	60	.20	20	.32	4	5.11	.02	.02	1	4
50+00W 675S	2	4	13	25	.3	5	1	139	.45	3	5	ND	1	12	.2	3	2	38	.23	.010	5	15	.07	19	.15	3	1.36	.02	.02	1	2
50+00W 700S	12	12	28	41	.4	6	3	218	6.86	15	5	ND	4	17	.2	2	2	239	.32	.022	4	46	.14	22	.36	2	3.99	.02	.03	2	1
50+00W 725S	3	2	2	10	.2	1	1	82	.40	2	5	ND	2	9	.2	2	2	30	.12	.006	4	5	.02	13	.13	5	.42	.02	.02	1	31
50+00W 750S	13	3	26	28	.3	5	1	210	.69	3	5	ND	1	22	.2	2	2	90	.60	.010	5	27	.08	18	.29	3	1.06	.02	.02	1	3
50+00W 775S	12	8	18	19	.2	8	1	240	.88	2	5	ND	1	20	.2	2	2	95	.68	.007	4	41	.08	21	.41	2	.91	.02	.02	1	1
50+00W 800S	15	18	19	72	.3	9	6	446	5.03	13	5	ND	2	25	.3	2	2	213	.58	.021	3	56	.17	22	.33	2	2.77	.02	.02	1	1
50+00W 825S	23	12	13	97	.7	10	10	915	6.09	16	5	ND	1	21	.2	3	2	383	.80	.025	4	65	.24	18	.39	2	2.31	.03	.03	1	21
50+00W 850S	8	13	16	50	.6	8	2	186	2.50	4	5	ND	4	19	.2	2	2	117	.34	.023	5	48	.17	25	.27	8	4.37	.02	.02	1	1
48+00W 450S	6	46	50	521	2.7	37	14	871	6.54	40	6	ND	1	49	3.6	7	2	742	2.17	.418	19	168	.09	50	.32	4	4.92	.01	.01	3	2
48+00W 475S	14	11	61	267	.8	19	3	391	5.73	22	5	ND	1	25	.5	5	2	929	1.00	.147	5	88	.07	39	.44	2	1.31	.01	.04	1	1
48+00W 500S	12	17	139	246	1.9	25	4	1080	5.96	27	5	ND	4	44	1.5	4	2	525	1.32	.068	8	144	.22	13	.29	2	7.54	.01	.02	2	1
48+00W 600S	2	4	5	14	.1	5	2	211	3.74	3	5	ND	2	12	.2	3	3	217	.09	.009	3	25	.03	17	.19	2	1.01	.01	.03	1	2
48+00W 625S	4	34	9	35	.5	15	5	188	3.52	5	5	ND	1	16	.2	2	2	192	.38	.028	9	64	.30	13	.51	2	4.91	.02	.02	1	2
48+00W 650S	6	5	21	24	.4	6	1	216	3.83	4	5	ND	1	19	.2	2	2	308	.57	.008	4	74	.29	13	.49	2	1.45	.02	.02	1	2
48+00W 675S	8	12	14	37	.3	13	4	292	3.41	6	5	ND	1	26	.6	2	2	223	.81	.020	6	66	.37	23	.37	3	2.35	.03	.03	1	2
48+00W 700S	11	21	10	45	.5	11	4	345	6.43	16	5	ND	2	22	.2	3	2	301	.94	.025	4	67	.18	17	.41	2	3.91	.02	.03	2	1
48+00W 725S	5	8	23	32	.4	8	1	263	2.03	6	5	ND	1	27	.2	2	2	194	.89	.019	5	40	.19	21	.40	3	1.80	.02	.02	1	1
48+00W 750S	7	23	34	87	.3	13	3	447	4.58	11	5	ND	1	27	.2	2	2	183	1.08	.029	5	84	.25	17	.34	2	5.41	.02	.01	1	1
48+00W 775S	8	9	6	23	.2	7	3	206	6.06	10	5	ND	1	16	.3	2	2	306	.46	.014	3	42	.09	16	.42	3	1.54	.02	.02	1	1
48+00W 800S	9	12	10	29	.4	7	2	221	2.83	8	5	ND	1	20	.2	2	2	248	.62	.019	6	52	.22	22	.38	3	3.21	.03	.02	1	1
48+00W 825S	10	13	10	37	.3	10	4	296	3.90	9	5	ND	1	26	.3	3	2	207	.67	.020	7	47	.36	26	.34	2	2.82	.03	.03	1	1
48+00W 850S	5	9	8	27	.1	9	2	218	1.60	2	5	ND	1	31	.3	2	2	97	.34	.017	5	41	.32	29	.24	2	2.59	.03	.03	1	1
46+00W 000N	4	60	364	713	1.6	29	23	13333	7.58	78	5	ND	2	17	7.7	2	2	214	.29	.039	11	64	.23	32	.35	2	6.33	.02	.02	5	1
46+00W 025S	2	92	9483	9889	11.7	38	38	55327	11.40	265	5	ND	1	58	92.5	7	2	45	1.70	.080	7	8	.21	104	.08	2	2.98	.01	.03	1	11
46+00W 050S	7	144	590	1592	4.9	38	67	16314	8.37	110	5	ND	1	23	14.1	2	2	190	.64	.078	9	53	.36	50	.28	2	4.74	.01	.02	8	4
46+00W 075S	3	50	256	920	3.4	79	27	7343	6.32	95	6	ND	2	59	6.0	5	2	120	.71	.203	10	147	.90	83	.15	2	8.35	.02	.03	4	2
46+00W 100S	11	80	140	560	2.8	76	24	2019	6.47	73	7	ND	1	32	4.4	2	2	352	1.00	.098	15	49	.42	54	.23	5	5.82	.02	.03	1	1
46+00W 125S	15	35	66	557	1.5	47	12	1584	4.88	51	7	ND	1	24	2.0	2	2	521	1.57	.049	5	34	.16	34	.28	4	1.76	.02	.02	2	7
46+00W 150S	11	54	30	1196	3.4	194	19	2237	6.20	75	6	ND	1	38	13.2	8	2	824	2.01	.124	16	80	.32	43	.20	12	4.36	.02	.02	9	3
46+00W 175S	7	32	31	424	1.3	109	14	1568	3.10	31	5	ND	1	40	3.6	3	2	278	3.83	.143	10	38	.22	28	.13	127	2.19	.01	.02	4	2
46+00W 200S	20	47	52	942	1.3	72	10	736	4.85	22	5	ND	1	41	2.6	5	4	985	1.27	.072	6	73	.28	55	.28	3	2.54	.01	.03	6	3
46+00W 225S	6	16	35	1086	1.0	26	3	479	11.15	53	6	ND	1	18	1.2	3	2	691	.68	1.815	8	229	.06	29	.19	2	2.83	.01	.02	6	5
46+00W 250S	11	24	16	358	1.0	15	6	451	4.73	11	5	ND	1	14	.7	2	2	402	.33	.056	6	65	.08	29	.18	2	2.50	.01	.02	1	3
46+00W 275S	1	2	3	27	.1	2	1	49	.42	5	5	ND	1	5	.2	2	2	28	.05	.006	2	5	.02	14	.02	3	.64	.01	.03	1	1
46+00W 300S	5	9	3	37	.3	7	3	168	5.40	17	5	ND	2	21	.4	2	2	213	.24	.018	6	47	.19	26	.34	2	3.27	.02	.02	1	5
STANDARD C/AU-S	19	59	41	130	7.1	68	32	1096	3.92	38	20	6	39	52	18.9	17	18	57	.49	.089	38	57	.88	171	.09	33	1.83	.06	.15	12	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
46+00W 325S	2	9	11	32	.4	3	1	110	.94	4	5	ND	1	18	.2	2	2	48	.23	.013	6	15	.12	25	.15	4	1.92	.02	.03	1	3
46+00W 350S	4	10	3	28	.3	5	1	198	1.01	2	5	ND	1	28	.2	2	2	90	.21	.019	4	35	.22	23	.21	3	2.00	.02	.02	1	5
46+00W 375S	2	3	2	38	.1	2	2	76	1.04	2	5	ND	1	22	.2	2	2	46	.20	.014	2	9	.11	39	.07	2	.39	.03	.02	1	2
46+00W 400S	5	18	11	64	.3	12	7	388	3.36	8	5	ND	1	68	.2	2	2	75	.70	.048	6	28	.48	45	.12	3	1.87	.03	.05	1	2
46+00W 425S	7	20	9	67	.4	15	16	720	4.79	19	5	ND	1	82	.2	2	2	99	.96	.040	7	33	.58	54	.15	3	2.58	.03	.04	1	2
46+00W 450S	7	16	15	51	.2	12	6	384	4.82	13	5	ND	1	55	.2	2	2	91	.43	.019	7	39	.51	46	.21	2	2.60	.02	.03	1	1
46+00W 475S	32	9	8	29	.2	6	2	194	1.22	21	6	ND	1	57	.3	2	2	86	.94	.012	5	24	.25	36	.20	6	2.18	.02	.02	1	1
46+00W 500S	9	7	9	25	.2	2	1	176	.54	2	5	ND	1	24	.2	2	2	66	.21	.011	4	26	.11	19	.31	3	1.36	.02	.03	1	7
46+00W 525S	6	17	4	29	.3	9	2	121	4.67	19	5	ND	2	9	.2	2	4	213	.26	.019	3	119	.13	11	.35	3	7.23	.01	.01	2	2
46+00W 550S	15	7	12	28	.4	7	2	139	1.83	5	5	ND	1	13	.2	2	2	97	.24	.028	4	144	.70	22	.36	3	1.42	.02	.05	1	3
46+00W 575S	8	28	10	53	.5	13	6	336	4.40	17	7	ND	1	20	.2	2	3	232	.61	.043	6	74	.21	20	.34	2	5.59	.01	.02	1	1
46+00W 600S	7	29	10	79	.5	12	3	261	2.52	14	5	ND	1	25	.2	2	3	215	1.29	.039	4	68	.23	24	.36	2	5.12	.02	.02	1	3
46+00W 625S	16	13	13	57	.4	9	3	220	2.45	9	5	ND	1	24	.2	2	2	178	.42	.026	11	50	.26	26	.39	2	3.90	.02	.02	1	3
46+00W 650S	4	30	19	132	.3	18	7	405	5.46	25	5	ND	1	114	.2	2	2	118	1.55	.020	4	47	.59	36	.21	2	4.26	.02	.04	2	3
46+00W 675S	3	7	7	27	.3	3	3	205	4.21	7	5	ND	1	23	.2	2	2	212	.16	.005	2	19	.07	33	.33	4	.69	.02	.02	1	2
46+00W 700S	6	16	19	66	.7	7	3	247	5.78	16	5	ND	2	50	.2	2	2	195	.39	.020	6	27	.30	27	.35	3	2.51	.02	.02	1	4
46+00W 725S	2	13	16	31	.4	4	1	166	1.46	7	5	ND	1	52	.2	2	2	80	.60	.022	4	29	.14	38	.27	2	1.85	.03	.03	1	2
46+00W 750S	1	12	3	41	.1	4	1	161	1.02	8	5	ND	1	39	.2	2	2	65	.43	.022	4	22	.19	16	.16	2	2.41	.01	.01	1	3
46+00W 775S	2	27	2	91	.2	8	3	245	2.44	16	5	ND	1	59	.2	2	2	77	.61	.043	8	31	.37	24	.18	2	7.18	.01	.02	2	4
46+00W 800S	6	8	6	28	.3	4	2	195	4.09	13	5	ND	1	18	.2	2	2	263	.22	.005	2	26	.06	13	.32	3	.57	.01	.02	1	5
46+00W 825S	2	9	11	26	.3	5	3	135	1.92	2	5	ND	1	25	.3	2	2	100	.16	.012	4	29	.15	25	.28	2	1.90	.03	.03	1	1
46+00W 850S	3	12	6	27	.3	5	4	173	5.36	2	5	ND	2	17	.2	2	2	167	.16	.015	4	38	.19	19	.30	3	2.14	.02	.02	1	2
STANDARD C/AU-S	19	62	42	134	7.6	70	32	1072	4.01	39	19	7	39	53	18.0	14	19	59	.49	.090	39	59	.91	178	.09	33	1.91	.07	.15	11	47

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 CAMECO File # 91-1305

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
5056	1	150	2	57	.1	79	27	245	3.78	29	5	ND	2	325	.8	2	2	71	2.17	.074	2	229	4.46	240	.17	5	6.15	.15	1.11	4	1
5057	3	1210	7	126	2.8	267	369	148	14.07	195	8	ND	2	127	2.0	2	2	20	1.08	.188	2	55	.87	26	.07	2	1.36	.08	.02	1	1
5058	11	468	23	27	3.9	39	94	137	5.78	156	6	ND	1	119	.2	2	2	26	1.01	.049	2	44	.44	28	.12	2	1.09	.02	.04	1	2
5059	1	2749	2	57	4.8	50	247	129	29.53	84	5	ND	4	4	.2	2	19	9	.62	.050	3	5	.06	9	.01	2	.22	.01	.01	1	21
B 97120	2	23	14	33	.1	6	4	180	1.07	2	5	ND	5	12	.2	2	2	3	.09	.014	11	8	.19	51	.01	2	.49	.07	.13	2	6
B 97121	3	18	6	34	.6	6	3	297	1.02	7	5	ND	7	18	.3	2	2	3	.51	.017	7	7	.17	36	.02	2	.88	.06	.10	2	8
B 97122	5	1959	2	75	4.5	79	191	1740	12.04	87	5	ND	6	4	.9	2	9	27	8.42	.020	2	4	.09	23	.04	2	1.34	.01	.01	3	23
B 97123	1	41642	2	4173	77.1	334	579	485	33.83	23	5	3	3	2	27.2	2	64	1	1.01	.001	2	4	.04	8	.01	2	.19	.01	.01	1	5296
B 97124	1	1755	2	56	4.3	54	185	1132	15.83	33	8	ND	2	3	1.2	2	14	11	3.34	.112	2	4	.22	6	.04	2	.54	.01	.01	2	25
B 97125	3	1522	2	43	.2	57	125	1011	12.50	53	5	ND	4	52	.8	2	2	123	2.44	.096	3	63	.29	23	.48	2	2.15	.03	.04	1	21
B 97126	2	9910	2	255	17.0	89	102	1669	14.55	140	5	ND	5	2	1.7	2	28	16	4.64	.004	2	4	.15	22	.03	2	1.11	.01	.01	7	16
B 97127	4	2132	2	62	11.2	54	39	1473	14.82	123	5	ND	6	1	.3	2	8	30	8.26	.023	2	7	.15	8	.01	2	.81	.01	.01	52	12
B 97128	2	97	2	27	.5	3	8	178	2.64	6	5	ND	6	57	.2	2	2	2	.69	.017	5	3	.14	60	.02	2	.95	.08	.11	1	5
B 97129	2	3455	8	58939	10.9	19	292	1004	21.98	46	5	ND	3	1	276.9	2	23	2	1.90	.003	2	3	.01	3	.01	2	.10	.01	.01	1	113
B 97130	4	529	2	229	.3	75	113	698	10.19	17	5	ND	1	44	1.1	2	2	76	2.80	.042	2	28	.21	8	.33	2	.76	.01	.01	1	21
B 97131	1	4436	101	30494	19.3	29	51	1651	25.04	69	5	ND	3	3	168.2	2	49	26	1.69	.111	2	8	.11	5	.06	2	.81	.01	.01	1	75
B 97337	2	132	2	171	.2	33	26	258	7.88	8	8	ND	2	45	.9	2	2	69	.62	.056	4	18	.76	46	.21	6	1.25	.10	.07	1	18
B 97338	3	161	2	358	.2	12	31	306	4.41	4	9	ND	1	124	2.0	2	2	84	1.66	.082	5	5	1.15	77	.22	6	2.73	.27	.11	1	29
B 97339	3	77	10	55	.1	37	10	272	3.63	3	5	ND	1	77	.5	2	2	92	.53	.040	4	57	1.16	106	.23	2	1.52	.11	.08	1	6
B 97340	3	157	2	670	.4	9	15	335	4.16	4	5	ND	1	73	4.9	2	2	62	.96	.097	6	7	1.09	72	.18	2	1.79	.17	.10	1	4
B 97341	1	53	7	64	.1	10	25	459	4.85	4	5	ND	2	138	1.1	2	2	70	1.44	.073	4	9	1.27	71	.17	3	3.10	.29	.08	1	3
B 97342	1	592	11	981	1.2	36	79	615	18.85	62	7	ND	1	8	8.2	2	5	25	.89	.013	2	6	.25	9	.01	2	.19	.01	.01	1	14
B 97343	3	715	2	31	1.3	125	95	666	7.55	30	8	ND	1	93	.6	2	5	86	3.37	.051	2	109	.14	36	.31	2	1.81	.08	.05	1	14
B 97344	10	298	5	43	.5	53	41	474	5.64	36	5	ND	2	79	.8	2	2	34	3.61	.035	2	7	.19	44	.28	9	1.37	.21	.19	2	6
B 97345	4	219	6	27	.1	94	60	195	11.55	21	5	ND	1	479	.6	2	2	49	2.00	.093	2	41	.12	17	.07	2	7.10	.30	.11	1	21
B 97346	8	3	2	14	.1	3	5	436	8.41	5	21	ND	1	158	.6	2	2	3	19.10	.002	2	1	.03	3	.01	2	.04	.01	.02	1	2
B 97347	6	985	10	167	12.4	101	111	423	18.51	314	10	ND	2	2	3.0	2	9	60	1.27	.015	2	11	.05	2	.02	2	.35	.01	.01	1	55
B 97348	5	48	13	187	.4	6	10	172	1.43	22	5	ND	2	20	1.3	2	2	8	.35	.032	7	6	.16	59	.10	2	.41	.09	.06	1	19
B 97349	3	795	14	80	6.3	251	121	103	23.55	40	9	ND	3	17	.9	2	3	4	1.38	.225	17	3	.10	8	.01	153	.53	.01	.01	1	4
B 97350	1	30	3	42	.1	8	17	395	3.89	7	6	ND	1	169	.8	2	2	106	2.47	.068	6	5	.72	84	.26	9	2.52	.24	.14	2	31
STANDARD C/AU-R	21	62	42	130	7.4	69	32	1066	3.94	40	24	7	39	53	18.8	16	19	59	.48	.089	41	58	.88	174	.09	36	1.86	.07	.15	11	496

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 AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 15 1991 **DATE REPORT MAILED:** May 23/91 **SIGNED BY** C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

WHOLE ROCK ICP ANALYSIS

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1305

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
B 97341 (1305 #23)	52.41	16.27	9.17	4.10	7.24	3.10	1.58	.87	.30	.18	.003	766	559	26	83	24	20	4.5	99.94
B 97350 (1305 #33)	52.58	16.30	8.38	3.83	8.27	4.82	1.50	.78	.22	.14	.004	1375	736	5	80	21	20	2.8	99.96

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: ROCK

DATE RECEIVED: MAY 15 1991 **DATE REPORT MAILED:** May 23/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 HOLBERG File # 91-1306 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
92+00W 0+25S	2	74	28	277	.8	32	21	802	5.88	26	5	ND	1	59	.8	3	2	83	1.87	.049	8	56	.45	44	.21	2	4.98	.02	.02	1	11
92+00W 0+50S	1	57	26	285	.8	27	19	2525	6.84	36	5	ND	1	45	1.5	3	2	82	3.22	.090	7	42	.46	53	.15	2	4.82	.02	.02	1	14
92+00W 0+75S	1	66	25	301	.9	32	22	3911	5.95	36	7	ND	1	101	2.2	3	2	68	4.82	.123	8	34	.57	83	.10	6	4.28	.02	.03	1	33
92+00W 1+00S	1	60	25	246	.8	27	18	3085	4.74	31	9	ND	1	177	1.7	3	2	51	6.43	.109	5	29	.60	58	.07	9	3.25	.02	.02	2	30
92+00W 1+25S	1	66	13	212	.7	26	13	5532	4.87	32	11	ND	1	104	1.5	4	2	36	6.36	.204	9	18	.53	83	.05	85	3.85	.03	.03	2	7
92+00W 1+50S	1	27	39	251	.7	32	15	598	7.05	35	5	ND	2	52	.4	3	2	150	1.59	.028	5	63	.34	38	.30	6	5.08	.03	.02	1	5
92+00W 1+75S	1	37	34	305	1.1	43	16	4162	4.85	32	7	ND	1	77	1.8	2	2	85	3.27	.114	9	36	.47	83	.13	39	4.99	.02	.03	1	5
92+00W 2+00S	1	40	29	286	1.1	38	13	6687	4.60	34	5	ND	1	96	1.7	3	2	83	4.60	.112	8	32	.70	99	.12	26	4.73	.02	.03	1	3
92+00W 2+25S	1	42	38	269	.6	33	26	635	4.23	17	5	ND	1	47	.9	2	2	96	.96	.064	6	39	.30	43	.19	6	7.72	.02	.02	1	6
92+00W 2+75S	3	167	28	170	.6	39	17	1353	3.49	15	5	ND	1	173	1.6	2	2	103	3.64	.059	4	62	.61	62	.20	3	4.73	.04	.05	1	4
92+00W 3+00S	2	110	144	1786	.6	125	10	739	1.94	10	18	ND	1	52	3.0	2	2	676	2.36	.151	10	66	.23	67	.10	3	2.37	.01	.01	9	5
92+00W 3+25S	17	40	22	126	.8	18	22	1218	5.20	16	5	ND	1	26	.4	2	2	222	2.24	.065	5	56	.13	29	.22	2	4.55	.01	.01	1	3
92+00W 3+50S	7	306	147	4420	1.5	81	26	4062	7.51	79	7	ND	1	68	72.2	3	2	297	2.69	.205	12	34	5.23	323	.12	27	3.12	.02	.02	20	7
92+00W 3+75S	4	37	27	109	.6	13	3	232	3.37	8	5	ND	1	20	.2	2	2	182	.83	.029	5	59	.17	18	.37	2	5.06	.02	.01	1	1
92+00W 4+00S	3	26	34	58	.4	10	3	367	1.52	4	5	ND	1	30	.2	2	2	92	1.58	.036	4	48	.22	26	.33	2	2.12	.03	.02	1	1
92+00W 4+25S	3	21	27	203	.5	8	2	521	3.14	7	5	ND	1	19	3.1	2	2	140	.69	.022	3	22	.24	26	.34	4	1.40	.04	.02	1	2
92+00W 4+50S	5	55	26	63	.7	11	4	230	5.88	10	5	ND	1	20	.2	2	3	166	.66	.022	5	53	.17	14	.36	2	4.61	.02	.01	1	1
92+00W 4+75S	4	13	23	59	.8	16	5	1089	3.46	8	5	ND	1	46	.2	3	2	111	3.01	.035	4	47	.18	24	.29	2	1.58	.02	.02	1	26
92+00W 5+00S	5	33	32	60	.6	12	4	218	5.21	6	6	ND	1	19	.2	2	2	202	.54	.020	6	54	.17	18	.44	2	3.48	.02	.02	1	5
92+00W 5+25S	4	20	31	150	.8	14	4	404	1.92	9	5	ND	1	21	.4	2	2	212	1.75	.128	7	68	.17	19	.27	6	2.60	.02	.01	1	1
92+00W 5+50S	5	19	28	42	.6	7	4	413	4.39	4	5	ND	1	26	.2	2	2	150	.65	.018	4	40	.19	23	.42	2	1.83	.02	.02	1	3
92+00W 5+75S	4	39	193	83	.7	13	6	582	3.41	7	5	ND	1	20	.2	2	2	115	.67	.040	6	51	.21	20	.31	5	5.78	.02	.01	1	2
92+00W 6+00S	5	27	13	37	.6	5	5	889	13.28	12	5	ND	1	16	.2	3	2	184	1.99	.040	2	52	.04	6	.44	2	1.60	.01	.01	1	1
92+00W 6+25S	8	3	3	13	.5	4	3	2057	10.79	24	5	ND	1	7	.2	9	2	121	9.08	.045	2	39	.04	3	.19	2	1.09	.01	.01	2	3
92+00W 6+50S	8	24	29	43	.5	11	4	234	5.58	9	5	ND	1	27	.2	4	2	252	.58	.014	5	57	.21	29	.62	2	2.96	.02	.02	1	1
92+00W 6+75S	9	9	17	21	.3	4	1	190	3.29	6	5	ND	1	39	.2	2	2	191	.54	.006	5	20	.14	21	.38	2	1.44	.02	.02	1	1
92+00W 7+00S	9	10	21	36	.2	9	2	281	4.82	10	5	ND	1	21	.2	2	2	278	.66	.014	4	35	.18	21	.36	2	1.88	.02	.02	1	4
90+00W 0+00N	3	72	34	202	.6	22	15	1164	3.42	9	5	ND	1	68	1.4	2	2	88	2.00	.056	5	34	.52	41	.17	6	2.38	.03	.03	1	4
90+00W 0+25S	2	98	34	111	1.3	22	23	2373	5.64	19	5	ND	1	29	.4	4	5	113	1.69	.036	4	55	.19	18	.29	3	3.69	.02	.02	1	6
90+00W 0+50S	3	94	51	141	2.3	26	33	2296	5.58	14	5	ND	1	61	.2	2	2	106	2.70	.039	3	59	.25	34	.34	4	3.28	.02	.02	1	34
90+00W 0+75S	3	217	108	224	3.3	24	52	2238	10.13	35	6	ND	1	42	.9	3	2	107	4.90	.035	4	60	.24	17	.29	3	2.69	.01	.02	3	37
90+00W 1+00S	2	365	56	432	4.9	27	33	7930	4.93	20	5	ND	1	43	2.9	2	4	56	2.81	.066	7	24	.37	71	.09	3	2.61	.02	.02	1	16
90+00W 1+25S	2	45	62	420	1.0	22	16	822	4.88	20	7	ND	1	27	.5	2	2	88	1.81	.051	10	43	.22	19	.21	4	6.81	.01	.02	1	2
90+00W 1+50S	3	94	52	145	2.5	24	31	2185	5.58	14	5	ND	1	59	.2	4	2	100	2.43	.037	3	53	.23	33	.32	2	2.98	.02	.02	1	4
90+00W 1+75S	3	28	24	52	.4	25	9	473	7.42	11	5	ND	1	20	.2	3	2	296	1.28	.012	3	75	.14	12	.51	2	1.07	.02	.01	1	12
90+00W 2+00S	3	60	390	338	1.4	25	25	2434	4.41	19	5	ND	1	21	.9	2	2	113	1.06	.057	3	54	.19	17	.25	2	6.32	.01	.01	1	5
STANDARD C/AU-S	20	58	41	132	7.2	70	33	1050	3.95	38	18	6	38	52	18.5	15	20	56	.48	.089	39	59	.88	175	.09	34	1.88	.06	.15	11	47

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 AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 15 1991 **DATE REPORT MAILED:** May 23/91 **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
90+00W 2+25S	1	38	12261	4880	2.9	37	38	97185	4.25	44	5	ND	4	38	76.9	7	2	86	1.52	.059	2	28	.13	315	.12	3	1.75	.02	.03	1	13
90+00W 2+50S	1	33	61	351	.7	43	19	1697	4.38	22	5	ND	1	32	3.4	3	2	63	1.07	.098	7	34	.52	33	.13	6	5.43	.02	.03	2	3
90+00W 2+75S	9	125	31	310	.4	58	30	1600	4.64	25	5	ND	1	101	4.1	2	4	139	3.57	.096	5	53	.58	93	.17	2	4.39	.04	.04	1	2
90+00W 3+00S	2	12	215	118	.3	11	10	1783	5.34	10	5	ND	1	23	2.0	2	2	204	.99	.014	2	42	.13	22	.41	3	.99	.02	.02	1	2
90+00W 3+25S	3	12	48	119	1.1	8	7	347	6.62	17	5	ND	1	25	1.0	2	2	221	1.10	.012	3	45	.23	15	.42	5	2.03	.02	.01	1	1
90+00W 3+50S	5	29	28	67	.8	10	8	235	6.59	14	5	ND	2	20	1.3	4	2	219	.66	.027	3	69	.16	18	.43	4	4.30	.01	.01	1	5
90+00W 3+75S	4	8	63	40	.5	7	4	401	3.16	13	5	ND	1	30	.9	2	2	212	1.31	.013	3	36	.17	20	.41	3	1.21	.02	.01	2	1
90+00W 4+00S	3	22	37	72	.8	14	7	302	5.09	15	5	ND	2	24	.3	3	2	152	.77	.024	4	40	.26	18	.33	3	1.70	.02	.02	2	1
90+00W 4+25S	3	25	41	82	.4	6	6	316	3.37	17	9	ND	1	23	.8	2	2	121	.99	.019	4	41	.18	13	.28	2	3.38	.01	.02	2	8
90+00W 4+50S	2	40	39	57	.5	12	7	236	4.01	12	5	ND	1	14	.9	2	2	119	.50	.024	4	46	.19	10	.32	3	4.67	.02	.01	1	5
90+00W 4+75S	3	14	22	41	.5	9	7	160	7.17	10	5	ND	1	14	.7	2	2	192	.36	.022	2	51	.12	10	.42	4	1.86	.02	.01	1	2
90+00W 5+00S	3	20	32	157	.4	11	5	361	2.58	6	5	ND	1	22	2.8	2	2	102	.80	.037	2	30	.19	16	.25	2	1.06	.03	.04	1	1
90+00W 5+25S	7	74	34	212	.5	30	17	998	3.53	21	5	ND	1	80	2.7	3	4	97	1.67	.091	5	39	.60	65	.17	7	2.83	.04	.04	2	4
90+00W 5+50S	7	28	23	48	.2	10	4	149	2.41	9	5	ND	1	17	.3	2	2	154	.32	.021	3	52	.18	16	.36	2	2.94	.02	.01	1	3
90+00W 5+75S	6	33	43	215	.2	28	6	264	1.52	15	5	ND	1	35	.5	2	6	67	.96	.039	4	41	.26	31	.18	2	4.08	.02	.02	1	1
90+00W 6+00S	3	17	18	53	.5	10	6	208	4.79	13	5	ND	2	18	.3	2	2	184	.64	.013	2	40	.12	13	.40	4	1.62	.02	.01	2	1
90+00W 6+25S	4	41	26	49	.2	17	8	217	2.73	15	5	ND	1	21	.9	3	2	125	.40	.027	4	62	.29	25	.30	5	4.50	.03	.02	3	2
90+00W 6+50S	8	4	24	31	.4	8	4	172	3.41	9	5	ND	1	21	.7	2	2	231	.42	.013	3	34	.15	15	.37	3	1.60	.02	.02	2	2
90+00W 6+75S	3	8	26	44	.3	79	9	261	2.17	10	6	ND	1	18	.7	2	4	70	.24	.036	3	69	.43	47	.18	2	.95	.03	.05	1	1
90+00W 7+00S	4	39	32	45	.2	15	4	154	2.03	11	5	ND	2	18	.2	2	5	141	.30	.023	5	77	.23	21	.33	4	5.86	.02	.01	1	6
88+00W 0+25S	15	56	22	76	.2	15	10	256	8.16	7	5	ND	1	20	1.4	2	2	220	.19	.019	3	115	.18	17	.40	2	3.25	.02	.01	1	3
88+00W 0+50S	10	49	15	222	.5	31	33	895	5.28	13	9	ND	1	47	2.3	2	2	159	.64	.048	4	74	.33	37	.27	4	3.63	.02	.03	1	3
88+00W 0+75S	13	35	7	267	.3	36	19	348	5.59	26	5	ND	1	46	1.9	2	2	190	.64	.029	3	77	.43	26	.36	2	4.04	.02	.02	2	4
88+00W 1+00S	14	29	14	242	.2	22	74	1415	6.83	17	5	ND	1	39	2.2	2	2	213	.61	.028	4	52	.35	35	.25	4	3.53	.03	.02	2	7
88+00W 1+25S	15	17	21	140	.3	25	39	795	6.39	22	5	ND	1	40	1.0	2	2	181	.50	.024	3	55	.51	33	.26	9	1.65	.03	.05	1	7
88+00W 1+50S	20	11	15	105	.2	7	10	224	5.59	13	5	ND	1	26	2.0	2	2	267	.31	.013	3	20	.17	25	.30	5	1.61	.02	.02	3	2
88+00W 1+75S	14	33	56	201	.3	18	29	1726	3.53	15	5	ND	1	42	2.4	2	2	144	1.61	.046	4	25	.29	38	.25	3	1.86	.02	.03	1	2
88+00W 2+00S	5	10	7	67	.3	4	12	572	1.60	6	5	ND	1	107	.7	2	5	69	2.54	.037	2	9	.32	18	.14	2	3.07	.01	.03	1	3
88+00W 2+25S	15	20	46	185	.5	12	29	3061	2.65	31	5	ND	1	37	2.8	2	2	106	1.44	.036	6	23	.33	26	.15	4	2.36	.01	.02	1	2
88+00W 2+50S	15	22	37	288	.3	21	51	3498	3.83	43	5	ND	1	69	1.2	2	2	128	2.07	.092	3	27	1.12	28	.11	4	2.58	.01	.03	1	2
88+00W 2+75S	5	16	15	96	.3	9	11	598	1.64	10	5	ND	1	34	1.5	2	2	91	2.18	.046	3	21	.13	24	.15	5	1.14	.01	.01	1	3
88+00W 3+00S	22	39	50	315	.7	32	185	5440	3.72	75	9	ND	1	48	4.2	3	2	167	2.56	.060	5	37	.34	54	.11	7	3.62	.01	.03	3	4
88+00W 3+25S	25	38	47	158	.4	23	62	1253	4.81	53	5	ND	1	33	1.4	2	2	134	1.03	.061	4	49	.41	50	.17	5	4.65	.02	.02	2	3
88+00W 3+50S	10	22	82	89	.1	9	7	296	3.21	10	5	ND	1	28	.6	2	2	137	.90	.020	3	32	.18	34	.31	3	1.53	.02	.02	1	3
88+00W 3+75S	10	48	63	168	.2	22	10	329	4.25	17	6	ND	1	25	.9	2	2	186	.71	.045	4	55	.22	42	.24	2	5.23	.01	.02	1	2
88+00W 4+00S	8	73	57	191	1.1	24	57	943	2.34	14	5	ND	1	35	2.0	5	2	80	.66	.082	8	27	.20	50	.08	6	2.94	.02	.03	3	7
STANDARD C/AU-S	17	50	26	107	5.8	62	30	924	3.37	35	16	7	34	47	17.3	15	13	48	.40	.079	33	55	.71	150	.08	31	1.61	.05	.13	10	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
88+00W 4+25S	8	86	73	315	.6	34	51	1570	2.16	7	5	ND	1	45	1.3	2	2	68	1.00	.080	8	28	.31	56	.07	2	3.43	.03	.03	2	2
88+00W 4+50S	12	34	53	84	1.0	10	20	432	5.44	9	5	ND	1	20	.2	2	2	172	.35	.050	6	32	.15	22	.14	2	3.53	.02	.03	1	4
88+00W 4+75S	4	27	51	65	.7	13	4	201	1.71	3	5	ND	1	23	.2	2	2	76	.39	.061	5	32	.18	29	.11	2	2.46	.02	.02	1	4
88+00W 5+00S	6	107	49	120	1.0	15	9	174	1.75	2	5	ND	1	22	.7	2	2	52	.45	.095	9	22	.14	30	.07	2	4.30	.02	.03	1	3
88+00W 5+25S	5	24	35	106	.3	13	6	368	2.67	13	5	ND	1	38	.2	2	4	130	.94	.020	4	36	.36	17	.29	2	2.37	.02	.02	1	3
88+00W 5+50S	7	38	77	113	.8	12	6	436	2.57	5	5	ND	2	25	.6	3	5	138	.49	.038	7	44	.21	23	.20	5	4.83	.02	.02	1	5
88+00W 5+75S	6	37	30	66	.5	11	6	178	5.71	7	6	ND	2	23	.2	2	4	207	.44	.023	5	50	.23	21	.30	2	3.94	.01	.02	1	3
88+00W 6+00S	5	13	12	38	.4	15	9	165	7.60	7	5	ND	2	20	.2	2	9	328	.38	.010	2	60	.12	10	.53	2	1.10	.01	.01	1	3
88+00W 6+25S	9	22	38	52	.4	8	10	232	9.06	17	5	ND	1	19	.2	3	2	293	.41	.014	3	52	.12	16	.46	2	1.50	.01	.01	1	1
88+00W 6+50S	15	181	44	231	.9	90	85	2626	5.63	18	5	ND	1	63	1.0	3	2	131	1.23	.210	8	42	.68	225	.21	2	7.13	.01	.02	1	9
88+00W 6+75S	8	59	22	141	.1	31	15	562	2.80	14	5	ND	1	51	.6	2	2	89	.85	.082	7	43	.46	75	.17	3	4.35	.02	.02	1	2
88+00W 7+00S	5	28	16	73	.2	16	8	264	5.91	15	5	ND	2	29	.2	2	2	153	.46	.016	4	49	.29	28	.33	2	2.34	.02	.01	1	1
86+00W 0+25S	20	50	151	575	.7	25	17	1288	5.11	60	5	ND	1	56	4.7	6	4	180	1.58	.039	4	45	.35	67	.22	2	3.64	.02	.02	3	3
86+00W 0+50S	5	77	38	452	.4	33	15	1529	3.25	7	5	ND	1	78	4.0	2	2	81	1.50	.052	4	38	.55	33	.19	2	2.86	.09	.04	1	0
86+00W 0+75S	7	82	80	721	.9	26	13	1689	2.71	13	5	ND	1	55	8.3	2	4	54	1.05	.063	6	38	.39	44	.14	4	2.70	.05	.04	1	4
86+00W 1+00S	20	142	164	1129	.5	19	4	466	1.21	16	5	ND	1	53	8.4	7	2	66	.99	.069	10	42	.32	26	.20	2	4.85	.02	.02	3	1
86+00W 1+25S	10	32	53	227	.3	17	4	288	1.75	3	5	ND	1	64	.9	2	3	78	.66	.021	5	52	.36	20	.42	3	3.19	.02	.02	1	5
86+00W 1+50S	7	37	21	154	.3	8	7	602	1.93	8	5	ND	1	132	1.1	2	2	29	2.49	.037	8	11	.24	52	.09	2	4.40	.01	.05	1	5
86+00W 1+75S	6	75	31	316	.2	14	12	1269	3.03	9	5	ND	2	142	3.6	2	2	18	2.65	.038	8	6	.25	24	.04	2	4.69	.01	.06	1	2
86+00W 2+00S	16	237	151	1238	.7	66	13	475	3.32	14	5	ND	1	62	11.1	2	8	143	1.43	.122	8	51	.44	32	.19	2	5.68	.02	.02	1	1
86+00W 2+25S	23	225	1037	2000	2.1	46	28	7589	4.06	25	5	ND	1	65	22.9	3	8	87	2.98	.066	5	31	.30	95	.15	2	2.43	.01	.02	2	3
86+00W 2+50S	25	94	1524	541	2.1	14	35	5401	4.89	21	5	ND	1	31	7.0	2	6	101	3.93	.038	4	22	.28	14	.23	5	3.87	.01	.01	2	5
86+00W 2+75S	43	564	552	1391	1.0	68	41	9365	4.67	25	5	ND	1	25	23.8	2	10	83	3.83	.077	6	23	.31	33	.14	7	4.84	.01	.01	1	7
86+00W 3+00S	22	187	125	407	4.1	24	44	2231	5.40	27	5	ND	2	29	3.0	3	3	123	1.85	.050	7	38	.28	27	.25	2	5.80	.01	.01	2	7
86+00W 3+25S	26	44	120	91	1.5	11	9	1093	7.48	57	5	ND	1	15	1.8	2	10	237	5.00	.035	2	22	.08	12	.18	2	1.04	.01	.01	11	51
86+00W 3+50S	26	121	164	163	3.8	24	38	2352	6.66	46	5	ND	2	20	1.8	3	8	198	3.78	.058	5	44	.19	16	.21	2	2.36	.01	.01	6	8
86+00W 3+75S	34	105	166	89	1.6	21	94	4749	7.66	42	5	ND	2	18	1.3	2	11	363	6.11	.045	2	34	.09	21	.10	2	1.48	.01	.02	10	6
86+00W 4+00S	10	24	22	39	.5	2	9	355	3.63	9	5	ND	1	32	.9	2	6	156	.76	.022	3	19	.08	21	.18	2	1.30	.02	.02	2	2
86+00W 4+25S	12	56	31	156	.7	17	23	1506	5.11	19	5	ND	1	36	1.6	2	2	200	1.47	.088	4	31	.40	71	.22	2	2.00	.01	.02	1	2
86+00W 4+50S	7	32	14	80	.5	17	23	650	4.49	16	5	ND	1	46	.6	4	3	130	.62	.045	4	28	.39	40	.18	2	1.86	.03	.03	2	4
86+00W 4+75S	7	23	12	71	.5	9	10	359	4.30	10	5	ND	1	40	.5	2	2	171	.50	.038	4	27	.27	26	.21	2	1.87	.03	.02	2	2
86+00W 5+00S	6	20	18	183	.5	17	8	310	6.20	27	5	ND	1	33	.4	2	2	322	.59	.030	5	54	.17	35	.25	2	3.58	.02	.01	1	5
86+00W 5+25S	4	23	14	93	.7	10	9	410	4.43	17	5	ND	1	56	.7	2	3	174	.55	.054	5	23	.36	35	.19	4	2.14	.05	.03	1	1
86+00W 5+50S	7	13	40	138	.6	13	5	170	3.93	42	5	ND	1	43	.3	7	5	320	.69	.029	3	54	.11	36	.32	3	1.63	.02	.01	2	5
86+00W 5+75S	10	42	37	381	.5	48	19	1313	4.91	56	5	ND	2	22	1.1	8	8	482	.84	.163	9	172	.17	37	.23	2	5.12	.01	.02	1	1
86+00W 6+00S	6	255	226	2831	1.8	64	28	3565	5.09	45	5	ND	1	75	37.0	3	9	197	3.12	.222	9	50	1.20	165	.15	18	3.39	.02	.02	1	6
STANDARD C/AU-S	18	56	37	129	7.1	70	34	1039	3.87	39	18	7	39	52	18.3	16	19	55	.48	.089	38	58	.83	177	.09	32	1.84	.06	.15	11	53

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
86+00W 6+25S	5	15	14	55	.4	6	7	172	5.20	7	5	ND	1	24	.2	2	2	117	.33	.029	3	21	.17	15	.19	4	1.39	.02	.02	2	3
86+00W 6+50S	5	11	19	67	.1	6	4	149	2.77	2	5	ND	1	30	.5	2	2	106	.32	.025	3	20	.28	31	.21	2	1.13	.02	.02	1	1
86+00W 6+75S	5	22	27	122	.4	10	8	271	3.56	12	5	ND	1	36	1.0	2	2	145	.61	.033	4	30	.45	24	.21	5	2.22	.01	.01	1	1
86+00W 7+00S	5	6	22	33	.2	3	1	130	1.02	2	5	ND	1	22	.2	2	2	79	.39	.013	3	24	.11	15	.29	2	.84	.01	.02	1	1
84+00W 0+00N	3	104	15	179	.7	37	23	964	3.98	28	5	ND	1	131	2.3	2	2	100	1.49	.045	4	68	.53	39	.28	7	3.55	.02	.02	1	4
84+00W 0+25S	6	26	26	119	.4	21	11	199	6.13	21	5	ND	1	29	1.1	2	2	160	.34	.023	3	84	.21	28	.31	5	1.89	.02	.01	1	1
84+00W 0+50S	2	44	18	229	.6	21	13	1764	1.99	11	5	ND	1	92	4.3	2	2	45	2.47	.070	3	30	.27	56	.08	5	2.57	.05	.04	1	3
84+00W 0+75S	7	144	70	354	.3	28	29	2970	3.66	31	5	ND	1	79	4.5	2	2	107	1.73	.077	5	29	.40	64	.10	6	3.40	.02	.03	1	3
84+00W 1+00S	8	161	12	278	.2	24	12	1187	4.20	62	8	ND	1	72	4.1	2	7	107	1.91	.068	7	94	.43	40	.16	2	3.14	.03	.03	1	2
84+00W 1+25S	7	50	23	275	.3	20	12	497	4.81	76	7	ND	1	50	1.7	2	9	126	1.18	.029	4	63	.31	28	.29	5	2.56	.03	.02	1	3
84+00W 1+50S	3	82	16	251	.1	25	15	1451	3.82	50	5	ND	1	56	2.7	2	3	95	1.26	.054	5	54	.33	37	.21	2	3.16	.03	.04	1	3
84+00W 1+75S	3	21	19	69	.2	17	10	353	5.15	14	5	ND	1	24	.2	2	10	171	.51	.021	2	57	.23	15	.42	2	1.33	.03	.02	1	2
84+00W 2+00S	4	62	18	111	.5	17	15	2899	3.59	13	11	ND	1	63	1.7	2	5	83	1.88	.067	4	39	.27	44	.17	2	3.03	.03	.02	1	2
84+00W 2+25S	1	20	8	91	.1	13	6	2754	2.63	10	5	ND	1	56	.2	2	2	25	1.78	.118	4	12	.19	35	.06	2	2.80	.02	.01	1	1
84+00W 2+50S	1	23	19	157	.7	13	16	2171	4.17	67	5	ND	1	186	1.7	4	2	40	2.85	.165	7	18	.24	43	.08	8	4.91	.07	.02	2	1
84+00W 2+75S	1	22	36	101	.8	16	13	319	6.55	60	5	ND	2	29	.7	2	4	100	.56	.076	4	40	.21	21	.29	4	5.44	.02	.02	1	1
84+00W 3+00S	1	38	3	47	.2	18	10	226	5.24	8	5	ND	1	19	.4	2	2	146	.37	.036	3	55	.28	15	.39	3	3.65	.03	.01	1	18
84+00W 3+25S	1	93	33	74	.3	21	12	253	4.07	16	5	ND	1	26	.2	2	2	103	.49	.061	3	48	.33	18	.29	5	4.68	.03	.02	2	1
84+00W 3+50S	28	78	112	165	.2	10	17	705	6.86	39	5	ND	1	47	1.1	2	2	228	.65	.055	7	35	.19	40	.29	2	3.83	.01	.01	1	4
84+00W 3+75S	10	25	21	71	1.0	9	9	384	3.68	14	5	ND	1	29	.7	2	2	153	.58	.044	4	37	.16	26	.24	5	2.72	.02	.01	1	16
84+00W 4+00S	8	34	23	114	1.4	17	27	1574	3.79	10	5	ND	1	27	.5	2	2	121	.64	.075	6	32	.22	31	.17	2	4.20	.02	.02	1	1
84+00W 4+25S	5	45	26	329	1.9	61	25	7511	3.77	27	5	ND	1	59	4.6	6	7	98	2.12	.190	12	26	.36	111	.10	16	4.39	.01	.01	1	22
84+00W 4+50S	6	27	33	120	1.5	21	7	1450	3.92	18	5	ND	1	26	.8	4	2	142	.59	.074	6	38	.23	45	.22	3	2.28	.02	.02	1	5
84+00W 4+75S	8	49	42	96	.6	16	8	1043	3.93	16	5	ND	1	31	.7	2	2	132	.81	.055	7	44	.36	27	.24	2	4.24	.01	.01	1	2
84+00W 5+00S	16	24	14	59	.8	12	10	641	5.09	18	5	ND	1	39	.6	2	2	225	.45	.030	3	35	.35	22	.37	3	2.26	.01	.01	1	2
84+00W 5+25S	6	27	15	136	.1	13	8	533	3.64	35	5	ND	1	22	.3	2	4	127	.96	.065	7	37	.19	44	.20	3	3.37	.01	.01	1	1
84+00W 5+50S	14	41	18	163	.6	21	12	520	3.58	21	5	ND	1	49	.8	2	2	105	1.38	.086	7	29	.36	85	.17	3	2.69	.04	.04	1	2
84+00W 5+75S	8	39	17	166	.7	20	12	588	4.12	26	5	ND	1	32	.8	2	5	130	.86	.059	7	33	.33	65	.23	4	3.39	.01	.01	1	3
84+00W 6+00S	6	37	12	141	.5	19	15	844	3.91	20	5	ND	1	38	1.2	2	2	105	.82	.083	6	34	.29	66	.17	4	3.34	.03	.02	1	4
84+00W 6+25S	3	41	45	355	.1	24	27	2397	2.16	73	5	ND	1	13	1.1	5	2	41	2.14	.144	10	29	.12	29	.10	8	4.22	.01	.01	1	2
84+00W 6+50S	12	32	20	135	1.0	14	12	912	4.61	21	5	ND	1	27	.3	3	2	185	1.17	.080	9	49	.14	65	.22	3	3.99	.01	.01	1	7
84+00W 6+75S	4	31	7	71	.5	10	4	213	3.72	17	5	ND	1	26	.2	2	2	76	.65	.048	4	19	.18	30	.20	6	2.39	.02	.02	1	1
84+00W 7+00S	4	36	10	147	.8	18	8	459	3.76	24	5	ND	1	24	.5	6	2	75	.97	.068	4	26	.23	47	.13	5	1.97	.01	.03	1	1
82+00W 6+00S	1	10	2	228	.4	18	28	1923	2.81	19	5	ND	1	31	.2	5	2	59	.82	.122	3	29	.10	125	.10	2	1.12	.01	.07	1	2
82+00W 6+25S	3	33	6	38	.1	13	6	215	4.95	34	5	ND	1	21	.2	2	2	120	.30	.030	4	30	.15	25	.39	2	2.08	.02	.01	1	1
82+00W 6+50S	2	62	9	65	.2	35	18	573	3.82	44	5	ND	1	29	.5	2	4	49	.46	.072	4	32	.28	50	.13	3	6.92	.02	.02	1	2
STANDARD C/AU-S	19	57	38	135	7.4	73	34	1057	4.00	39	16	7	39	52	18.5	15	19	56	.48	.090	39	60	.87	187	.09	35	1.89	.06	.15	11	46

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
82+00W 6+75S	4	29	24	78	.3	6	2	167	4.00	15	5	ND	1	23	.2	2	2	129	.33	.020	6	13	.17	33	.38	2	2.07	.02	.03	1	2
82+00W 7+00S	4	28	55	51	.4	11	7	351	4.88	22	5	ND	1	40	.3	2	2	58	.47	.057	6	13	.17	56	.15	2	2.35	.02	.03	1	2
76+00W 6+25S	4	31	14	410	.3	13	59	2532	4.65	37	5	ND	1	38	1.7	3	2	115	1.54	.079	9	104	.67	67	.23	17	2.84	.02	.04	1	1
76+00W 6+50S	5	37	11	781	.6	39	44	1933	3.64	43	5	ND	1	47	5.1	4	2	68	1.70	.105	11	68	.31	117	.10	9	3.64	.02	.03	4	2
76+00W 6+75S	7	21	14	306	.5	19	10	348	4.79	23	5	ND	1	43	1.7	2	2	105	1.09	.034	7	48	.32	75	.27	2	3.00	.02	.02	1	2
76+00W 7+00S	4	26	12	163	.5	19	6	270	3.10	24	5	ND	1	42	.7	3	2	74	.76	.060	6	43	.39	67	.19	2	4.30	.02	.03	1	3
34+00W 0+00N	4	27	4	88	.2	12	7	259	1.67	8	5	ND	2	53	.7	3	2	82	.79	.037	7	32	.50	35	.20	2	3.89	.03	.02	1	3
34+00W 0+25S	1	6	5	26	.1	3	1	211	1.53	2	7	ND	2	14	.2	3	2	112	.23	.005	4	26	.09	12	.50	4	.81	.02	.01	1	6
34+00W 0+50S	1	18	2	30	.2	8	4	183	4.67	7	5	ND	2	16	.2	3	2	161	.26	.022	5	50	.19	15	.37	2	4.11	.02	.01	1	1
34+00W 0+75S	1	33	2	35	.1	12	6	211	4.20	6	5	ND	2	22	.2	2	2	139	.47	.029	5	36	.28	20	.33	2	2.81	.02	.02	1	3
34+00W 1+00S	7	23	3	70	.3	10	5	335	2.67	18	5	ND	1	63	.2	2	2	115	.78	.032	6	29	.52	38	.23	2	2.57	.03	.02	1	1
34+00W 1+25S	16	22	2	59	.1	9	10	488	5.98	98	5	ND	1	79	.3	2	2	116	.88	.043	11	27	.74	34	.20	2	3.35	.03	.03	1	2
34+00W 1+50S	2	7	10	22	.3	5	1	188	1.78	3	5	ND	2	13	.2	2	2	179	.15	.013	5	48	.14	14	.44	2	1.73	.02	.02	1	2
34+00W 1+75S	8	31	6	63	.2	15	6	369	3.23	9	5	ND	3	46	.2	2	2	161	.42	.024	8	58	.65	30	.42	2	3.92	.02	.03	1	1
34+00W 2+00S	10	12	8	51	.3	4	3	149	.89	2	5	ND	1	45	.2	2	2	63	.51	.037	7	19	.27	27	.13	3	2.78	.03	.02	1	1
34+00W 2+25S	5	14	11	54	.3	6	3	178	1.04	5	5	ND	1	32	.2	2	2	48	.37	.049	6	21	.27	23	.14	2	2.61	.02	.02	1	4
34+00W 2+50S	6	17	6	18	.2	2	1	124	.86	7	5	ND	2	24	.2	4	2	163	.16	.013	6	23	.09	22	.22	2	3.29	.02	.01	1	1
34+00W 2+75S	10	25	3	31	.2	9	4	173	4.34	9	5	ND	3	17	.2	2	2	116	.18	.025	6	61	.29	17	.31	2	6.39	.02	.01	1	3
34+00W 3+00S	34	20	8	32	.3	8	5	166	7.53	17	5	ND	3	14	.2	6	2	182	.16	.020	5	76	.27	24	.41	2	6.21	.02	.02	2	2
34+00W 3+25S	38	19	13	77	.3	14	8	251	2.00	6	5	ND	1	51	.2	3	2	76	.54	.031	7	42	.54	39	.28	2	3.37	.02	.03	1	3
34+00W 3+50S	22	23	9	37	.4	7	3	147	1.41	5	5	ND	1	39	.2	2	2	77	.31	.030	9	38	.29	31	.22	3	3.88	.03	.03	1	1
34+00W 3+75S	23	15	12	40	.3	5	3	123	1.00	7	6	ND	1	39	.2	2	2	68	.22	.025	9	35	.20	30	.24	2	4.38	.02	.03	1	1
34+00W 4+00S	5	11	11	23	.1	14	4	156	7.23	10	5	ND	1	15	.2	3	2	279	.28	.011	3	84	.46	16	.48	2	1.91	.03	.03	1	5
34+00W 4+25S	3	13	13	24	.2	5	2	137	4.71	8	5	ND	1	17	.2	2	2	195	.18	.013	5	37	.14	19	.36	2	2.33	.02	.02	1	2
34+00W 4+50S	5	7	10	18	.1	3	2	173	4.27	4	5	ND	1	18	.2	2	2	232	.16	.011	4	27	.14	15	.41	2	2.07	.02	.02	1	3
34+00W 4+75S	2	15	3	32	.2	7	2	152	1.91	3	5	ND	1	24	.2	2	2	79	.20	.031	5	49	.28	21	.23	2	4.12	.02	.02	1	5
34+00W 5+00S	2	15	8	30	.3	3	1	149	1.81	2	5	ND	1	21	.2	2	2	90	.16	.019	6	19	.11	27	.25	3	2.21	.02	.04	1	3
34+00W 5+25S	3	5	8	10	.1	3	2	180	5.36	5	5	ND	1	10	.2	3	2	265	.09	.005	3	25	.06	10	.47	2	.87	.01	.01	1	4
34+00W 5+50S	3	27	7	36	.2	9	4	167	6.04	12	5	ND	4	18	.2	2	2	154	.16	.017	5	63	.25	19	.38	2	6.58	.02	.01	1	3
34+00W 5+75S	2	4	8	36	.4	3	1	138	.65	2	5	ND	1	47	.2	2	2	35	.18	.017	6	11	.14	35	.21	3	1.27	.03	.05	1	1
34+00W 6+00S	5	9	2	31	.1	3	3	190	4.78	6	5	ND	5	32	.2	2	2	101	.23	.014	6	14	.24	34	.24	2	3.53	.02	.02	1	1
34+00W 6+25S	2	4	2	13	.2	3	2	180	3.22	3	5	ND	1	12	.2	2	2	152	.11	.005	5	14	.11	12	.30	2	.88	.01	.02	1	2
34+00W 6+50S	4	8	11	25	.3	5	2	153	2.50	2	5	ND	2	16	.2	2	2	164	.14	.015	5	35	.21	18	.33	2	2.20	.02	.03	1	1
34+00W 6+75S	5	54	2	34	.1	10	5	152	5.89	11	5	2	3	15	.2	3	2	170	.13	.020	4	68	.23	21	.36	2	8.10	.02	.02	1	2
34+00W 7+00S	112	35	2	45	.4	13	4	154	3.75	25	18	ND	4	18	.2	2	2	138	.22	.039	8	74	.39	22	.27	2	9.41	.02	.02	1	4
34+00W 7+25S	4	24	2	30	.3	7	3	119	5.86	13	5	ND	4	14	.2	4	2	116	.12	.031	7	74	.22	17	.33	2	8.33	.02	.02	1	8
STANDARD C/AU-S	18	57	38	131	6.9	71	32	1044	3.91	37	15	6	38	52	18.4	15	18	54	.48	.089	38	58	.87	175	.09	34	1.86	.06	.15	11	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
34+00W 7+50S	3	9	2	25	.4	2	8	152	6.39	9	5	ND	1	14	.8	5	4	287	.12	.009	3	42	.10	17	.42	7	1.02	.04	.03	1	6
34+00W 7+75S	3	1	3	14	.1	1	1	203	.44	2	5	ND	1	13	.2	2	7	47	.09	.006	4	9	.04	14	.27	2	.70	.03	.05	1	3
34+00W 8+00S	4	6	2	30	.1	1	3	138	1.23	2	5	ND	1	27	.2	2	2	53	.18	.021	3	16	.24	35	.23	3	1.44	.05	.06	1	1
32+00W 1+00S	4	6	2	42	.4	3	8	256	4.39	9	5	ND	2	63	.7	2	2	109	.57	.020	5	14	.25	30	.21	2	2.11	.03	.03	1	2
32+00W 1+25S	9	6	7	45	.2	4	7	219	5.85	2	9	ND	2	49	.2	2	10	103	.37	.026	6	19	.29	43	.22	2	4.27	.02	.02	1	2
32+00W 1+50S	9	9	5	50	.2	3	8	370	4.21	7	6	ND	1	91	.2	2	6	79	1.20	.032	7	13	.39	35	.15	3	3.51	.02	.05	1	2
32+00W 1+75S	5	9	2	40	.3	2	7	244	4.10	2	5	ND	2	62	.7	2	2	95	.63	.028	7	16	.31	39	.18	2	4.81	.02	.03	1	4
32+00W 2+00S	1	13	2	35	.2	8	7	127	6.38	10	5	ND	1	18	.6	2	3	200	.16	.023	3	42	.15	15	.36	2	1.86	.03	.02	1	1
32+00W 2+25S	3	13	2	27	.2	6	10	157	5.92	10	5	ND	1	14	.2	4	5	229	.15	.019	4	57	.18	13	.34	2	1.98	.03	.02	1	1
32+00W 2+50S	3	8	10	25	.3	2	5	154	4.31	6	5	ND	1	21	.3	2	6	252	.16	.011	4	35	.12	22	.47	2	1.82	.03	.02	1	1
32+00W 2+75S	3	31	6	55	.6	9	8	257	5.29	8	5	ND	1	37	.6	2	2	161	.39	.045	5	44	.36	31	.26	3	3.58	.03	.03	1	1
32+00W 3+00S	3	13	5	40	.1	6	8	159	7.54	2	5	ND	1	28	.2	2	8	207	.21	.023	3	48	.24	25	.36	2	1.83	.03	.03	1	1
32+00W 3+25S	3	9	2	55	.2	4	8	373	3.74	3	5	ND	1	101	.3	3	2	83	1.54	.034	6	13	.50	28	.15	3	3.24	.02	.06	1	1
32+00W 3+50S	3	26	8	57	.4	3	12	293	6.74	12	5	ND	1	176	.6	3	2	160	1.16	.050	8	18	.59	22	.34	8	4.10	.01	.04	2	1
32+00W 3+75S	2	21	5	60	.1	5	7	205	3.31	7	5	ND	1	82	.2	2	10	83	.90	.039	5	21	.38	20	.16	4	4.99	.02	.03	1	1
32+00W 4+25S	2	15	7	48	.1	5	5	204	2.47	2	5	ND	1	106	.3	2	2	92	1.50	.051	5	20	.44	34	.17	4	3.28	.03	.06	1	2
32+00W 4+50S	4	7	10	34	.2	5	3	149	1.34	2	5	ND	1	24	.2	2	4	102	.22	.020	7	45	.22	26	.31	2	3.07	.03	.03	1	1
32+00W 4+75S	3	5	8	27	.1	2	8	217	5.08	4	5	ND	1	16	.7	3	3	271	.15	.007	3	40	.08	13	.47	2	.95	.02	.02	1	4
32+00W 5+00S	6	5	9	25	.1	3	1	174	1.28	6	5	ND	1	31	.2	2	2	77	.23	.012	4	22	.20	20	.33	2	1.21	.03	.04	1	2
32+00W 5+25S	4	21	4	33	.2	7	4	195	1.36	6	5	ND	1	23	.3	2	4	74	.22	.015	8	56	.32	25	.27	4	2.68	.03	.03	1	1
32+00W 5+50S	5	15	14	60	.4	11	6	168	2.03	5	5	ND	1	19	.2	4	2	154	.22	.022	6	54	.28	25	.45	2	3.15	.03	.04	1	1
32+00W 5+75S	2	5	3	27	.1	3	1	147	1.06	2	5	ND	1	18	.2	2	3	85	.15	.015	4	26	.12	21	.25	2	1.28	.03	.03	1	1
32+00W 6+00S	4	6	10	22	.1	2	3	118	3.18	3	5	ND	1	16	.2	2	2	140	.11	.014	5	29	.09	14	.24	2	1.98	.02	.02	1	1
32+00W 6+25S	3	7	14	27	.2	1	2	131	1.15	4	5	ND	1	23	.2	2	2	76	.16	.014	4	26	.11	18	.33	2	1.42	.04	.03	1	1
32+00W 6+50S	5	11	5	36	.1	4	2	154	1.20	2	5	ND	1	28	.5	2	2	70	.21	.019	5	19	.19	18	.27	3	1.57	.03	.03	1	1
32+00W 6+75S	2	2	7	14	.1	1	1	106	.47	2	5	ND	1	21	.2	2	3	39	.12	.014	2	4	.06	15	.20	3	.57	.02	.03	1	1
32+00W 7+00S	4	14	15	92	.4	11	7	339	1.84	9	5	ND	1	33	.2	4	6	68	.31	.018	6	31	.56	31	.30	2	2.45	.03	.04	1	2
32+00W 7+25S	2	17	2	50	.1	7	8	220	6.58	7	5	ND	3	25	.3	2	2	132	.22	.015	5	41	.31	17	.35	8	4.44	.02	.02	1	1
32+00W 7+50S	6	11	9	55	.1	5	4	242	1.63	3	5	ND	1	31	.2	2	2	67	.30	.017	6	24	.33	30	.28	4	2.45	.03	.03	1	1
32+00W 7+75S	7	10	5	34	.1	1	3	202	2.02	5	5	ND	1	28	.2	2	2	70	.20	.018	4	16	.21	22	.21	2	1.87	.03	.03	1	1
32+00W 8+00S	3	15	8	32	.1	2	4	137	4.69	3	5	ND	1	23	.2	2	2	146	.16	.024	5	20	.17	19	.19	2	2.30	.03	.03	1	2
30+00W 0+00N	4	17	10	53	.3	6	9	367	4.91	10	5	ND	1	78	.6	2	2	126	.57	.031	7	29	.37	35	.17	2	2.58	.03	.03	1	1
30+00W 0+25S	5	18	9	63	.1	5	11	549	4.48	8	5	ND	1	93	.6	2	2	99	.71	.043	6	27	.55	54	.14	2	2.32	.03	.04	1	1
30+00W 0+50S	3	12	6	61	.1	5	7	334	4.52	10	5	ND	1	68	.5	2	2	114	.44	.028	5	26	.43	36	.18	2	1.98	.03	.05	1	2
30+00W 0+75S	3	25	7	75	.3	8	13	594	4.66	10	5	ND	1	93	.7	2	2	95	.81	.040	7	30	.65	47	.14	2	4.29	.03	.04	1	1
30+00W 1+00S	3	21	14	77	.1	9	11	591	4.87	11	5	ND	1	102	.6	2	4	104	.95	.036	6	27	.67	40	.15	2	3.38	.03	.04	1	2
STANDARD C/AU-S	19	58	35	135	7.5	72	32	1075	4.01	39	16	7	39	53	18.9	14	22	58	.48	.091	40	59	.91	179	.09	33	1.90	.07	.15	11	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
30+00W 1+25S	3	23	18	105	.7	11	17	1117	4.05	10	5	ND	1	103	.3	2	2	96	1.10	.043	6	26	.65	79	.11	11	2.91	.03	.04	1	3
30+00W 1+50S	3	25	10	110	.5	8	15	800	4.54	15	5	ND	1	96	.8	2	2	101	1.01	.057	8	27	.53	65	.11	10	3.91	.03	.04	1	1
30+00W 1+75S	2	19	5	73	.4	10	15	859	3.80	10	5	ND	1	104	.3	2	2	89	1.12	.045	5	26	.66	41	.11	4	3.12	.03	.06	1	1
30+00W 2+00S	2	22	5	71	.3	15	10	426	5.78	15	5	ND	1	34	.2	2	2	142	.38	.033	5	45	.48	31	.24	2	2.46	.03	.03	1	2
30+00W 2+25S	2	5	5	26	.2	6	6	162	3.35	7	5	ND	1	19	.2	3	2	128	.13	.020	3	17	.20	19	.21	6	1.29	.02	.02	1	3
30+00W 2+50S	2	5	8	24	.2	1	6	123	6.32	4	5	ND	1	9	.2	2	2	236	.09	.009	3	26	.05	13	.36	2	1.13	.01	.01	1	5
30+00W 2+75S	4	12	16	24	.2	3	5	104	4.63	18	5	ND	1	13	.4	2	2	213	.14	.011	3	61	.11	23	.44	3	3.15	.02	.01	1	4
30+00W 3+00S	1	1	3	15	.1	2	6	124	4.16	4	5	ND	1	11	.2	2	2	173	.11	.007	2	33	.07	13	.24	2	.53	.01	.02	1	4
30+00W 3+25S	2	10	16	54	.3	23	7	257	2.12	19	5	ND	1	26	.2	2	2	91	.20	.020	4	48	.56	34	.31	2	1.84	.03	.04	1	3
30+00W 3+50S	2	11	11	41	.2	18	4	153	1.75	8	5	ND	1	17	.2	2	2	98	.20	.025	5	44	.23	25	.22	9	1.75	.03	.04	1	7
30+00W 3+75S	1	20	4	58	.4	31	6	195	1.24	18	5	ND	1	18	.5	2	2	46	.17	.059	10	37	.31	40	.09	2	1.66	.03	.05	1	1
30+00W 4+00S	1	5	9	83	.1	4	2	38	.79	3	5	ND	1	41	.5	2	2	14	.08	.034	2	6	.20	26	.05	17	.42	.03	.03	1	2
30+00W 4+25S	1	6	6	88	.1	3	1	36	.13	2	5	ND	1	64	.2	2	2	3	.55	.037	2	3	.12	30	.01	4	.16	.03	.05	1	2
30+00W 4+75S	1	6	11	90	.1	3	1	25	.10	2	5	ND	1	93	.3	2	2	1	.18	.028	2	2	.22	30	.01	3	.13	.05	.03	1	2
30+00W 5+00S	8	80	20	45	.6	7	4	108	1.40	5	5	ND	1	19	.2	3	2	58	.11	.117	11	61	.10	33	.07	2	5.40	.02	.03	1	1
30+00W 5+25S	1	7	6	48	.1	4	3	130	1.10	6	5	ND	1	15	.2	2	2	64	.11	.032	3	24	.18	26	.14	2	1.17	.02	.04	1	1
30+00W 5+50S	2	18	4	52	.3	11	9	250	5.12	6	5	ND	1	29	.2	2	2	130	.36	.032	4	53	.48	20	.27	2	2.37	.05	.04	1	2
30+00W 5+75S	3	11	9	50	.2	8	5	159	2.70	10	5	ND	1	27	.2	2	2	106	.25	.036	5	38	.27	35	.24	2	1.47	.04	.05	1	2
30+00W 6+00S	2	20	8	57	.3	5	4	127	3.29	5	5	ND	1	30	.2	4	2	60	.23	.062	7	20	.15	41	.09	2	3.09	.05	.05	1	2
30+00W 6+25S	2	21	6	42	.3	5	8	122	7.19	2	5	ND	8	19	.3	2	2	108	.11	.025	8	32	.15	36	.30	2	9.32	.02	.03	2	5
30+00W 6+50S	1	10	10	41	.2	1	7	144	6.72	2	5	ND	4	19	.2	2	2	164	.13	.016	7	20	.12	32	.27	2	4.42	.02	.02	1	2
30+00W 6+75S	2	6	7	31	.1	3	5	139	6.62	2	5	ND	1	17	.2	2	2	161	.10	.014	4	10	.08	22	.29	2	1.77	.02	.03	1	1
30+00W 7+00S	1	7	5	21	.1	1	5	122	4.09	2	5	ND	1	22	.2	2	2	121	.15	.011	3	7	.07	20	.27	2	1.10	.03	.03	1	2
30+00W 7+25S	1	4	6	23	.1	1	3	118	3.90	2	5	ND	1	24	.2	2	2	165	.15	.010	3	13	.05	17	.29	2	.98	.02	.02	1	3
30+00W 7+50S	2	17	7	95	.1	2	10	428	6.32	3	5	ND	3	48	.2	2	3	127	.28	.027	5	24	.39	41	.21	2	7.00	.02	.03	1	4
30+00W 7+75S	2	12	11	96	.2	6	7	400	4.80	4	5	ND	1	54	.2	2	2	125	.33	.021	5	15	.39	47	.33	2	2.25	.03	.03	1	3
30+00W 8+00S	3	21	16	43	.3	5	7	157	7.23	8	5	ND	7	21	.4	2	3	147	.18	.019	5	35	.18	21	.37	2	3.63	.02	.03	1	8
28+00W 0+00N	10	37	11	91	.3	12	8	185	2.84	34	5	ND	2	28	.8	5	2	128	.42	.053	9	56	.31	20	.25	13	7.71	.02	.02	2	3
28+00W 0+25S	11	24	9	52	.3	7	9	153	8.31	31	5	ND	1	26	.4	2	2	271	.21	.024	4	51	.15	42	.48	2	4.07	.03	.02	1	4
28+00W 0+50S	2	29	2	46	.5	11	7	210	3.99	10	5	ND	2	23	.5	5	2	143	.45	.028	5	45	.39	17	.42	15	2.74	.02	.02	1	2
28+00W 0+75S	2	67	2	52	.2	15	8	137	6.62	14	5	ND	2	13	.2	2	2	169	.23	.031	4	60	.21	12	.44	2	7.57	.02	.01	1	4
28+00W 1+00S	4	24	10	43	.3	7	6	110	5.92	7	5	ND	4	15	.7	2	2	186	.18	.028	5	64	.17	15	.36	2	8.34	.02	.01	2	4
28+00W 1+25S	3	13	10	31	.2	2	8	105	8.97	3	5	ND	2	13	.2	3	2	290	.11	.014	3	45	.10	17	.50	2	1.94	.01	.02	1	4
28+00W 1+50S	5	21	7	65	.1	6	8	227	5.96	12	5	ND	1	29	.3	2	2	128	.28	.022	9	65	.38	17	.29	10	7.06	.02	.01	2	4
28+00W 1+75S	7	30	4	42	.3	7	10	143	9.39	14	5	ND	2	13	.2	5	2	274	.22	.018	3	100	.25	16	.58	2	5.25	.02	.02	1	4
28+00W 2+00S	4	19	12	32	.1	6	5	88	5.08	13	5	ND	2	7	.2	2	2	159	.14	.019	4	97	.14	15	.34	2	6.79	.02	.02	1	3
STANDARD C/AU-S	19	59	38	134	7.1	70	33	1066	3.98	38	17	7	39	53	18.5	16	18	57	.48	.090	40	58	.88	179	.09	33	1.88	.07	.15	11	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
28+00W 2+25S	4	36	17	72	.2	8	7	132	4.92	23	5	ND	4	19	1.5	9	2	113	.14	.026	6	61	.24	35	.27	4	10.35	.02	.01	7	5
28+00W 2+50S	2	8	9	31	.1	6	6	88	4.34	6	5	ND	1	29	.2	2	2	173	.18	.021	3	33	.15	30	.34	3	3.45	.02	.03	1	4
28+00W 2+75S	3	28	8	43	.1	8	5	106	4.75	12	5	ND	1	12	.2	2	2	165	.16	.023	6	69	.17	22	.35	2	6.47	.02	.01	1	2
28+00W 3+00S	4	49	12	54	.2	12	8	155	6.04	18	8	ND	2	11	.5	3	2	174	.18	.016	3	82	.26	21	.39	2	8.07	.02	.02	4	3
28+00W 3+25S	5	38	2	54	.2	17	7	129	4.00	14	5	ND	3	15	.5	7	2	150	.27	.023	5	97	.29	26	.37	2	7.82	.02	.01	7	5
28+00W 3+50S	6	26	3	31	.1	8	6	112	5.50	17	5	ND	1	17	.5	4	2	185	.16	.017	5	62	.16	27	.31	3	5.32	.01	.02	2	3
28+00W 3+75S	6	14	7	40	.1	5	6	141	6.14	18	7	ND	1	13	.7	3	2	197	.22	.017	4	58	.20	21	.37	2	3.51	.01	.01	2	2
28+00W 4+00S	3	6	16	11	.3	3	1	59	.54	7	5	ND	1	28	.2	4	5	65	.09	.009	3	14	.04	23	.33	2	1.01	.01	.02	1	3
28+00W 4+25S	1	30	4	26	.1	13	4	100	1.30	4	5	ND	1	16	.2	2	2	78	.24	.032	18	48	.23	19	.24	3	4.80	.01	.01	1	1
28+00W 4+50S	2	20	5	23	.3	7	7	106	5.51	4	5	ND	4	13	.2	7	2	206	.16	.013	4	73	.18	14	.33	2	7.19	.01	.01	3	1
28+00W 4+75S	2	17	2	21	.1	7	11	109	8.62	9	15	ND	1	7	1.7	5	2	291	.06	.017	2	62	.09	14	.39	5	3.18	.01	.02	2	1
28+00W 5+00S	3	24	3	29	.1	9	7	115	4.71	16	5	ND	2	15	.3	6	2	161	.19	.024	7	99	.25	16	.40	3	7.45	.01	.01	4	3
28+00W 5+25S	2	6	14	10	.2	1	1	89	.88	3	5	ND	1	10	.2	3	2	103	.08	.010	5	32	.09	14	.36	3	1.69	.01	.02	1	5
28+00W 5+50S	2	16	11	24	.1	3	5	103	4.67	6	9	ND	5	17	.2	2	2	94	.11	.020	7	20	.16	16	.22	2	6.90	.02	.02	1	4
28+00W 5+75S	5	6	14	11	.3	2	2	138	2.41	8	5	ND	1	12	.2	4	3	174	.11	.007	4	20	.09	19	.33	2	1.08	.01	.02	2	5
28+00W 6+00S	3	11	8	33	.1	9	4	169	2.42	10	5	ND	1	43	.5	4	2	134	.18	.018	5	41	.31	29	.31	4	1.97	.02	.03	2	1
28+00W 6+25S	2	4	10	10	.1	4	7	167	5.70	8	5	ND	1	7	.2	2	2	239	.08	.007	3	43	.09	12	.27	3	1.42	.01	.02	2	2
28+00W 6+50S	1	4	11	15	.1	1	4	116	5.59	2	17	ND	1	18	.2	2	2	159	.10	.011	3	5	.10	18	.25	2	1.38	.01	.03	1	3
28+00W 6+75S	8	42	9	67	.2	1	8	280	3.90	2	5	ND	1	106	.2	2	5	76	1.00	.018	7	3	.41	17	.15	2	3.01	.02	.04	1	1
28+00W 7+50S	4	18	11	74	.4	7	10	229	5.49	5	5	ND	1	49	.4	4	5	82	.33	.057	6	11	.26	35	.14	6	3.26	.02	.05	1	4
28+00W 7+75S	6	12	6	83	.1	5	5	388	2.74	7	8	ND	1	36	.2	2	9	68	.24	.016	6	10	.34	18	.19	2	2.71	.01	.03	1	2
28+00W 8+00S	29	22	17	109	.1	7	15	642	4.16	6	9	ND	1	38	.3	2	8	105	.32	.036	8	22	.30	34	.23	2	5.30	.02	.03	1	2
STANDARD C/AU-S	19	61	36	129	6.9	70	32	1047	3.93	39	18	7	39	53	18.4	15	19	57	.47	.090	40	58	.87	175	.09	36	1.87	.06	.15	11	46

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1276 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
B 97301	5	68	11	64	.2	26	24	468	4.29	7	5	ND	1	254	.2	2	2	73	1.69	.058	3	24	1.13	77	.19	2	3.20	.32	.08	1	13
B 97302	2	34	15	57	.1	23	20	545	4.87	6	5	ND	1	78	.2	2	2	139	.94	.062	6	20	1.03	120	.16	4	2.04	.20	.05	1	9
B 97303	4	5	25	70	.4	11	4	631	1.65	9	5	ND	3	217	.7	2	2	25	1.63	.040	9	10	.40	109	.09	4	2.92	.38	.14	1	3
B 97304	1	1944	7	59	1.3	126	878	976	32.06	161	10	ND	2	13	.3	2	2	1	3.62	.003	2	3	.04	12	.01	2	.19	.01	.01	12	23
B 97305	2	4	2	26	.1	3	4	261	.66	3	5	ND	2	168	.4	2	2	2	1.48	.015	7	6	.17	140	.03	2	1.81	.24	.13	2	1
B 97306	2	7	115	1276	.2	16	9	1461	1.74	14	5	ND	1	93	7.5	2	2	84	3.67	.078	2	38	.35	54	.20	2	3.22	.15	.07	1	1
B 97307	1	20	2	65	.1	37	31	828	43.04	34	6	ND	2	16	.2	2	2	3	1.84	.002	2	2	.06	10	.01	2	.33	.01	.01	1	7
B 97308	1	136	4	62	.1	65	27	219	4.68	10	9	ND	1	87	.4	2	2	127	1.54	.090	5	86	1.68	31	.31	4	2.79	.26	.05	1	10
B 97309	1	653	10	83	.7	118	20	333	2.96	2	5	ND	1	331	.2	2	2	82	2.95	.042	2	173	2.23	38	.31	2	6.08	.79	.10	1	3
B 97310	2	36	16	53	.3	58	3	131	.39	2	5	ND	1	424	1.1	2	2	44	4.66	.091	2	15	.10	38	.33	4	6.86	.81	.02	1	28
B 97311	4	856	13567	9289	120.1	43	22	597	.92	2562	5	ND	1	26	100.8	33	3	1	5.55	.099	2	7	.01	6	.02	712	.25	.01	.01	1	9
B 97312	6	97	42400	99999	437.9	28	25	1379	1.35	360	5	ND	1	8	1139.8	137	2	2	.79	.129	2	5	.01	12	.03	9	.22	.01	.01	1	42
B 97313	2	615	70	81	.3	45	39	248	5.16	5	5	ND	1	124	.2	2	9	114	2.03	.038	2	69	.56	33	.31	2	3.00	.38	.03	1	6
B 97314	1	35452	28	3365	31.2	67	76	799	7.22	22	7	ND	1	219	43.7	2	20	78	1.29	.032	2	42	1.53	9	.31	2	2.20	.01	.01	1	25
B 97315	3	2118	114	219	3.5	148	752	437	12.82	70	5	ND	1	82	1.6	2	2	76	2.82	.033	2	25	.55	15	.16	5	3.99	.01	.01	1	15
B 97316	4	253	125	229	.4	23	11	392	9.17	37	12	ND	1	40	.9	2	2	219	.95	.066	3	45	1.00	21	.66	2	2.49	.02	.03	1	26
B 97317	1	18	258	150	.9	3	2	419	.87	6	5	ND	3	149	1.1	2	2	23	6.16	.032	9	4	.02	17	.05	2	4.40	.01	.01	1	1
B 97318	1	225	15	57	.1	58	19	406	4.20	2	5	ND	1	169	.6	2	2	108	2.73	.033	2	73	1.06	23	.21	2	4.97	.59	.04	1	5
B 97319	1	2137	12	203	1.7	21	22	297	4.70	4	5	ND	1	156	2.1	2	8	159	1.45	.068	3	46	.57	131	.14	4	2.23	.30	.05	1	4
B 97320	1	81	12	60	.2	30	15	381	4.06	5	5	ND	1	142	.2	2	2	108	3.51	.048	2	45	.72	25	.24	2	4.32	.16	.04	1	1
B 97321	1	8	45	70	.2	39	14	285	4.17	2	5	ND	1	299	.3	2	5	131	2.82	.049	2	74	.63	34	.21	2	4.36	.66	.07	1	1
B 97322	30	36	9028	14368	2.9	32	15	5496	.74	26	7	ND	1	61	115.4	7	3	66	14.15	.090	4	7	.41	3	.04	13	1.44	.01	.01	1	3
B 97323	3	25	38	228	.2	19	12	3222	1.10	10	5	ND	1	127	4.1	2	2	44	5.50	.047	3	8	.21	31	.16	5	3.85	.01	.01	1	4
B 97324	123	15	3424	10386	2.3	69	13	27695	1.15	23	5	ND	1	23	90.2	2	3	880	6.89	.061	8	40	.36	70	.07	5	1.63	.01	.01	1	2
B 97325	1	129	37	504	.7	22	23	352	1.65	9	5	ND	1	883	6.6	2	2	23	5.15	.069	2	5	.15	37	.13	2	8.65	1.07	.03	1	4
B 97326	3	6	548	851	.2	10	2	1039	.73	7	5	ND	1	122	7.2	2	2	46	6.28	.076	2	12	.17	9	.13	8	3.48	.01	.01	1	1
B 97327	1	1	18735	35942	5.4	1	27	31824	1.14	10	5	ND	1	15	278.9	2	6	8	2.20	.035	2	2	.65	10	.02	4	.72	.01	.01	1	6
B 97328	9	1001	588	1210	2.8	141	37	5568	8.74	50	5	ND	1	7	9.0	2	6	125	8.64	.008	2	4	.29	7	.01	2	.87	.01	.01	1	12
B 97329	1	18	13346	24667	3.2	4	25	30496	6.94	19	5	ND	1	12	165.8	2	11	12	2.51	.024	2	1	.56	12	.02	2	.54	.01	.01	1	5
B 97330	3	11	88	171	.1	21	3	309	2.18	8	5	ND	1	5	.7	2	2	26	.28	.020	2	11	.02	4	.01	2	.08	.01	.01	1	1
B 97331	3	13	95	170	.1	6	3	597	1.44	2	5	ND	4	30	1.2	2	2	10	.69	.026	9	6	.31	34	.08	3	.90	.07	.08	1	5
B 97332	1	6	1013	1669	.3	4	2	1700	.31	4	5	ND	1	83	13.8	2	2	3	2.44	.016	3	3	.11	365	.04	3	2.32	.01	.04	1	6
B 97333	3	185	102	223	.5	35	26	1097	4.95	14	5	ND	1	269	.8	2	2	82	2.53	.058	3	8	.72	46	.17	2	3.00	.32	.05	1	6
B 97334	2	26	9	101	.1	11	12	805	2.34	7	5	ND	1	78	.2	2	2	29	.66	.034	4	8	1.00	52	.15	3	1.52	.04	.11	1	3
B 97335	4	34	7	14	.1	13	8	129	.91	6	5	ND	1	48	.2	2	3	58	.82	.104	4	22	.10	81	.23	3	.67	.08	.09	1	1
B 97336	1	46	168	285	.2	13	22	538	4.29	6	5	ND	1	79	1.8	3	2	41	.86	.060	2	8	1.42	63	.13	2	1.83	.15	.05	1	3
STANDARD C/AU-R	20	61	39	132	7.4	69	32	1058	3.95	36	20	6	40	53	18.4	14	18	57	.48	.090	40	58	.88	179	.09	31	1.89	.07	.15	11	489

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: P1 TO P2 ROCK P3 SOIL AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 13 1991 **DATE REPORT MAILED:** May 28/91 **SIGNED BY**.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

WHOLE ROCK ICP ANALYSIS

Daiwan Engineering Ltd. PROJECT CAMECO File # 91-1276 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
B 97302	54.54	16.46	8.91	4.28	6.64	3.54	2.05	.85	.29	.22	.008	920	502	48	88	28	20	1.9	99.92
B 97303	69.78	14.95	2.80	.94	3.17	3.08	3.50	.28	.17	.11	.004	1257	468	42	82	14	20	.9	99.97
B 97305	73.70	13.39	1.07	.41	2.61	2.21	4.37	.15	.05	.04	.006	1939	316	26	74	10	20	1.6	99.99
B 97306	46.83	18.37	6.50	1.56	18.45	2.14	2.10	1.11	.33	.60	.016	1091	309	19	46	20	20	1.6	99.84
B 97308	47.28	15.83	12.92	6.79	8.02	3.26	.38	2.75	.42	.17	.031	171	474	33	130	33	20	1.9	99.86
B 97309	46.39	15.48	9.70	8.14	10.97	2.13	.80	1.69	.27	.16	.065	237	434	45	79	21	20	3.9	99.81
B 97310	47.56	13.60	6.14	5.88	19.71	1.31	.60	2.69	.43	.24	.027	70	435	19	156	39	20	1.6	99.88
B 97311	84.90	1.07	1.50	.21	7.89	.05	.45	.13	.42	.10	.005	5	35	21	8	5	20	1.3	98.02
B 97313	48.00	14.17	13.06	6.84	10.45	2.46	.29	1.95	.23	.28	.031	110	260	15	81	26	20	2.0	99.83
B 97318	48.59	15.01	11.86	7.90	10.21	2.14	.28	1.34	.17	.26	.043	177	305	13	58	16	20	2.0	99.88
B 97319	49.13	17.76	10.73	5.43	9.42	3.30	.59	.94	.30	.20	.007	422	688	21	27	16	20	1.7	99.67
B 97321	47.16	16.39	11.74	6.20	10.73	2.60	.79	1.77	.25	.21	.034	217	468	47	81	25	20	1.9	99.89
B 97331	70.45	14.84	2.29	.74	2.19	4.86	2.94	.22	.07	.12	.002	1221	417	12	84	10	20	1.0	99.99
B 97333	49.94	16.56	9.93	4.70	9.18	3.39	1.28	.79	.27	.38	.002	1025	672	26	55	19	20	3.2	99.89
B 97334	64.95	15.10	4.96	1.69	4.16	2.18	4.29	.46	.14	.18	.002	1720	481	15	75	12	20	1.5	99.97
STANDARD so-4	67.01	10.87	3.51	1.01	1.50	1.38	2.12	.60	.21	.10	.008	815	175	30	235	20	22	11.4	99.92

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: P1 TO P2 ROCK P3 SOIL

DATE RECEIVED: MAY 13 1991 **DATE REPORT MAILED:** May 28/91 **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
B 97103	1	271	17	56	.5	252	35	189	3.84	7	5	ND	1	326	.3	5	2	24	3.53	.051	2	106	.71	54	.15	5	4.66	.16	.11	1	1
B 97119	1	1470	2	53	.6	32	22	388	3.90	2	5	ND	1	65	.4	4	3	112	4.64	.019	2	37	.75	22	.36	11	3.09	.01	.01	1	31

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
S-97103	6	45	24	58	.1	12	6	210	6.91	20	5	ND	2	6	1.3	2	2	207	.20	.026	4	122	.22	12	.34	2	6.72	.01	.02	1	2

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 HOLBERG File # 91-1285 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: GORD ALLEN

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
82+00W 0+25S	4	32	20	32	.1	15	8	190	8.14	99	5	ND	1	24	.2	2	2	262	.41	.009	3	59	.18	11	.72	2	1.11	.02	.01	1	3
82+00W 0+50S	4	45	21	51	.4	14	6	155	6.56	54	5	ND	2	26	.2	2	2	152	.48	.024	4	66	.20	16	.42	4	5.21	.02	.01	1	1
82+00W 0+75S	6	88	27	90	.3	21	15	823	4.68	200	5	ND	1	41	1.2	2	10	120	1.12	.035	5	66	.23	23	.27	6	4.31	.02	.01	1	4
82+00W 1+00S	3	81	21	108	.5	25	20	801	7.52	269	5	ND	1	50	.8	3	2	215	1.31	.024	5	77	.25	23	.46	8	4.10	.03	.02	1	3
82+00W 1+25S	10	124	26	118	.5	37	26	2218	5.70	321	9	ND	1	51	1.3	2	2	170	1.26	.052	6	79	.36	37	.28	7	6.30	.02	.02	1	5
82+00W 1+50S	2	164	24	220	.9	49	23	6193	5.04	102	6	ND	1	81	4.7	5	2	131	1.86	.061	4	74	.41	78	.28	11	4.98	.03	.02	3	3
82+00W 1+75S	1	406	46	337	.6	43	35	1946	5.75	98	5	ND	1	88	3.0	5	2	115	2.00	.056	6	63	.46	38	.26	5	5.36	.03	.03	2	3
82+00W 2+00S	1	110	13	270	.6	35	18	2424	4.10	39	6	ND	1	69	2.1	2	2	64	2.19	.306	11	29	.24	47	.15	8	5.21	.02	.04	1	6
82+00W 2+25S	1	78	19	97	.4	22	14	801	4.78	32	5	ND	1	27	.4	2	2	121	.46	.068	6	48	.34	28	.32	3	6.11	.02	.02	1	3
82+00W 2+50S	1	96	20	117	.2	29	20	1582	5.49	43	6	ND	1	27	.5	2	2	138	.44	.032	9	49	.29	28	.36	6	5.29	.02	.01	1	1
82+00W 2+75S	1	79	18	147	1.2	44	23	1934	4.29	60	6	ND	1	31	1.3	2	2	103	.76	.090	9	45	.19	54	.24	7	6.73	.02	.02	1	3
82+00W 3+00S	1	34	14	46	.4	25	8	256	4.44	6	5	ND	1	30	.2	2	2	135	.62	.026	3	54	.38	25	.30	2	2.08	.04	.02	1	4
82+00W 3+25S	8	44	55	366	1.1	52	19	1093	5.04	40	9	ND	1	21	.9	2	2	449	.81	.041	9	66	.13	25	.25	5	4.90	.01	.01	2	17
82+00W 3+50S	7	40	92	1084	1.6	136	17	2055	5.65	70	9	ND	1	20	4.7	7	2	1020	1.15	.083	10	104	.13	55	.25	2	2.97	.01	.01	6	9
82+00W 3+75S	5	52	181	1879	.8	113	22	2617	5.94	86	8	ND	1	37	7.6	9	2	1071	1.63	.088	11	93	.19	105	.14	3	2.17	.02	.02	11	4
82+00W 4+00S	11	8	27	33	.1	4	1	74	.68	44	5	ND	1	13	.4	2	3	118	.35	.016	2	18	.01	31	.24	2	.55	.01	.01	1	2
82+00W 4+25S	6	37	88	219	.1	15	3	244	5.33	62	5	ND	1	19	.3	2	2	312	.38	.039	7	72	.17	45	.28	2	4.99	.02	.01	1	4
82+00W 4+50S	11	33	42	117	1.0	13	9	1996	6.81	76	5	ND	1	25	.5	2	2	270	.47	.060	5	63	.33	39	.32	3	3.40	.03	.04	1	2
82+00W 4+75S	7	34	25	174	.3	16	18	1913	4.69	31	5	ND	1	20	.3	2	2	172	.50	.062	7	58	.15	43	.26	8	3.70	.02	.02	1	3
82+00W 5+00S	8	26	19	154	.4	14	4	436	5.30	27	5	ND	1	18	.3	3	2	213	.44	.048	6	60	.08	43	.30	2	2.97	.02	.01	1	1
82+00W 5+25S	2	22	19	260	.2	24	16	696	3.93	24	5	ND	1	29	.7	2	2	177	1.04	.187	11	59	.16	132	.14	3	4.56	.02	.01	1	1
82+00W 5+50S	5	32	19	336	.1	28	12	452	4.22	30	5	ND	1	21	.7	2	2	209	.92	.226	14	74	.14	70	.15	4	5.87	.01	.01	1	2
82+00W 5+75S	3	34	19	784	.2	36	35	969	4.51	30	5	ND	1	16	.6	2	2	116	.60	.099	12	46	.73	356	.23	6	5.14	.01	.02	5	2
80+00W 0+00N	4	69	28	138	.4	27	11	409	4.71	35	5	ND	1	35	.4	2	2	137	.60	.050	6	56	.34	42	.28	2	4.66	.02	.02	1	1
80+00W 0+25S	11	55	18	78	.4	15	7	212	6.38	54	5	ND	1	22	.2	2	2	130	.32	.035	7	49	.21	20	.31	5	5.60	.02	.02	1	14
80+00W 0+50S	3	55	21	95	.4	19	11	233	3.22	47	5	ND	1	27	.2	2	2	102	.36	.044	8	42	.23	28	.29	3	5.68	.02	.02	1	2
80+00W 0+75S	1	22	16	36	.3	12	5	161	8.29	3	5	ND	1	22	.2	4	2	311	.35	.014	3	44	.13	13	.91	5	1.22	.02	.01	1	5
80+00W 1+00S	1	73	21	41	.2	16	7	176	8.50	7	5	ND	1	20	.2	2	2	207	.29	.018	4	77	.25	18	.59	2	4.65	.02	.01	1	8
80+00W 1+25S	1	61	10	35	.4	14	4	116	5.18	10	5	ND	1	15	.2	2	2	131	.18	.025	3	84	.19	12	.45	3	7.29	.01	.01	1	1
80+00W 1+50S	2	94	17	55	.4	14	6	150	5.85	8	5	ND	2	15	.2	2	2	159	.24	.023	3	73	.19	17	.45	2	6.69	.02	.02	2	1
80+00W 1+75S	1	14	10	25	.1	12	5	205	3.58	3	5	ND	1	18	.2	2	2	187	.32	.006	2	50	.11	8	.44	2	.51	.02	.01	1	6
80+00W 2+00S	1	53	22	80	.3	21	7	240	5.84	42	5	ND	1	31	.3	2	2	137	.41	.022	5	57	.40	29	.40	2	4.85	.02	.02	1	5
80+00W 2+25S	1	60	48	97	.4	20	10	366	7.73	81	5	ND	1	27	.2	2	2	147	.51	.074	5	58	.48	34	.29	2	4.74	.02	.02	1	3
80+00W 2+50S	1	41	19	92	.4	25	10	589	3.63	18	5	ND	1	37	.4	2	2	129	.65	.019	5	48	.42	27	.29	2	2.45	.02	.02	1	5
80+00W 2+75S	1	35	16	46	.4	17	6	188	3.95	5	5	ND	1	19	.2	2	2	134	.27	.014	4	55	.20	26	.29	2	2.50	.02	.02	1	1
80+00W 3+00S	1	56	17	66	.4	21	7	235	3.89	9	5	ND	1	26	.2	2	2	108	.45	.027	5	56	.40	21	.28	2	3.41	.02	.02	1	1
STANDARD C/AU-S	18	59	42	131	7.4	69	33	1060	3.90	39	20	6	40	52	18.6	14	19	56	.47	.089	40	57	.86	174	.09	34	1.85	.07	.15	11	47

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 AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 13 1991 **DATE REPORT MAILED:** May 21/91 **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
80+00W 3+25S	2	25	23	63	.2	13	5	258	2.01	6	5	ND	1	27	.2	2	2	112	.45	.033	5	37	.23	36	.26	2	2.61	.02	.02	1	4
80+00W 3+50S	3	29	21	48	.1	12	5	207	8.12	9	5	ND	3	18	.2	2	2	195	.30	.016	5	95	.21	19	.42	2	3.54	.02	.02	1	3
80+00W 3+75S	3	10	17	41	.7	8	4	231	4.72	5	5	ND	1	19	.2	2	2	149	.30	.022	3	28	.16	23	.35	4	1.57	.02	.03	1	5
80+00W 4+00S	3	27	18	71	.8	23	3	181	3.31	10	5	ND	1	29	.2	2	2	116	.54	.026	4	35	.25	41	.32	3	2.45	.02	.03	1	3
80+00W 4+25S	2	45	21	82	.4	18	2	168	4.81	23	5	ND	1	25	.2	2	2	90	.40	.054	6	38	.28	35	.24	2	5.32	.02	.02	1	3
80+00W 4+50S	2	15	27	42	.5	8	2	159	1.39	3	5	ND	2	20	.2	2	2	97	.31	.019	5	37	.25	27	.29	6	1.71	.02	.02	1	1
80+00W 4+75S	3	32	11	47	.5	10	4	296	5.33	10	5	ND	1	28	.2	2	2	126	.33	.042	5	26	.46	39	.29	2	3.71	.02	.03	1	3
80+00W 5+00S	2	28	8	63	.4	10	4	264	4.64	8	5	ND	1	34	.2	2	2	96	.50	.043	5	26	.44	45	.27	6	3.02	.02	.03	1	1
80+00W 5+25S	4	25	23	38	.4	8	2	160	2.59	8	6	ND	2	21	.2	2	2	133	.53	.018	5	52	.19	28	.30	4	4.22	.02	.01	1	2
80+00W 5+50S	2	36	5	56	.6	9	5	367	5.16	11	5	ND	1	47	.2	3	2	95	.68	.068	6	26	.43	43	.25	2	3.93	.02	.05	1	2
80+00W 5+75S	3	40	8	58	.4	10	4	264	5.41	15	5	ND	1	35	.2	2	2	95	.50	.053	6	28	.40	42	.27	2	3.89	.02	.03	1	2
80+00W 6+00S	3	37	6	59	.4	12	5	266	5.36	13	5	ND	1	36	.2	2	2	102	.54	.049	6	30	.57	41	.27	2	3.94	.03	.03	1	1
80+00W 6+25S	2	34	11	56	.5	10	4	205	5.36	11	5	ND	1	30	.2	3	2	101	.41	.049	5	26	.32	35	.26	4	3.10	.02	.03	1	4
80+00W 6+50S	10	15	17	67	.5	20	5	265	2.11	5	5	ND	1	28	.2	2	2	79	.86	.047	4	39	.46	35	.16	6	1.67	.04	.03	1	1
80+00W 6+75S	13	21	20	76	.4	19	4	193	2.19	3	5	ND	2	26	.2	2	2	112	.46	.024	6	59	.48	41	.28	3	2.46	.02	.02	1	4
80+00W 7+00S	4	8	23	27	.3	5	1	123	1.27	2	5	ND	1	21	.2	2	2	112	.33	.014	4	36	.14	23	.40	2	1.04	.01	.02	1	2
78+00W 0+00N	12	68	16	133	1.0	14	13	468	4.11	27	5	ND	1	69	1.6	2	2	123	2.58	.048	7	39	.23	34	.28	11	3.73	.02	.02	1	1
78+00W 0+25S	1	107	13	79	.6	18	14	436	5.04	9	5	ND	1	38	.9	2	2	134	1.01	.039	4	47	.24	22	.40	2	5.04	.02	.02	1	4
78+00W 0+50S	1	147	11	117	1.2	24	11	1879	5.37	14	5	ND	1	52	4.8	2	2	141	1.94	.034	6	50	.22	47	.40	2	3.49	.03	.02	1	1
78+00W 0+75S	1	134	7	195	1.4	36	15	1170	4.97	17	5	ND	1	55	5.2	2	2	121	1.71	.023	5	62	.44	39	.42	3	4.24	.04	.02	1	1
78+00W 1+00S	1	35	12	55	.6	14	7	248	5.37	8	5	ND	1	49	.9	2	2	174	1.38	.014	3	47	.26	24	.61	5	1.74	.03	.02	1	2
78+00W 1+25S	2	399	8	521	3.5	72	16	14848	2.69	26	5	ND	1	71	47.0	2	2	56	3.15	.132	12	53	.13	205	.13	7	5.69	.02	.04	1	1
78+00W 1+50S	1	93	37	368	1.6	48	28	1633	4.81	53	5	ND	1	73	5.0	2	2	91	2.37	.031	6	61	.30	37	.39	7	3.90	.02	.02	1	4
78+00W 1+75S	1	111	158	442	1.1	26	24	5149	6.47	58	5	ND	2	23	1.3	2	2	147	.32	.029	5	58	.40	36	.39	2	5.90	.02	.02	1	6
78+00W 2+00S	1	100	2	67	.8	27	8	428	4.92	8	5	ND	2	24	.3	2	2	116	.41	.026	4	78	.49	22	.41	3	6.07	.02	.02	1	1
78+00W 2+25S	1	28	15	43	.7	18	6	230	5.93	5	5	ND	1	15	.2	2	2	172	.30	.018	3	62	.20	11	.39	2	2.23	.02	.01	1	3
78+00W 2+50S	1	22	9	32	.3	13	5	338	4.77	4	5	ND	1	13	.2	2	2	185	.28	.005	2	62	.14	10	.36	4	.71	.01	.01	1	3
78+00W 2+75S	1	75	19	61	.7	16	6	219	4.92	10	5	ND	1	19	.2	2	2	126	.36	.080	4	60	.27	20	.32	2	4.00	.02	.02	1	10
78+00W 3+00S	1	14	5	77	.4	5	2	140	1.20	2	5	ND	1	34	.4	2	2	47	.58	.036	2	12	.22	20	.08	5	.43	.03	.03	1	5
78+00W 3+25S	1	76	15	50	.3	13	5	193	5.10	6	5	ND	2	19	.2	2	2	143	.32	.015	3	66	.27	13	.41	2	5.21	.02	.01	1	5
78+00W 3+50S	1	12	6	74	.4	2	1	104	.27	2	5	ND	1	24	.4	2	2	8	.59	.039	2	6	.12	4	.02	7	.31	.02	.04	1	1
78+00W 3+75S	1	19	7	98	.5	4	2	59	.54	2	5	ND	1	53	.5	2	2	16	2.42	.023	2	9	.10	17	.04	7	.61	.02	.02	1	1
78+00W 4+00S	5	113	112	472	1.4	43	29	2544	4.87	43	5	ND	1	104	5.2	2	2	122	2.24	.117	7	45	.51	82	.16	4	3.64	.04	.03	1	12
78+00W 4+25S	7	81	47	418	.9	55	18	558	5.98	68	8	ND	1	31	1.5	2	2	143	.57	.101	7	62	.35	35	.18	2	5.99	.01	.01	1	9
78+00W 4+50S	2	8	19	24	.2	4	1	154	1.35	2	5	ND	1	11	.2	2	2	98	.41	.009	3	36	.09	10	.25	3	.90	.01	.02	1	3
78+00W 4+75S	5	18	23	51	.5	8	3	210	4.94	15	5	ND	1	39	.2	2	2	169	.79	.018	3	30	.27	35	.40	2	1.23	.02	.02	1	6
STANDARD C/AU-S	18	59	37	133	7.1	70	33	1056	3.99	38	17	6	39	52	18.6	16	19	56	.49	.091	39	58	.88	177	.09	34	1.90	.06	.15	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
78+00W 5+00S	6	108	64	161	.2	28	10	339	5.28	8	5	ND	2	34	.2	2	2	131	.64	.063	8	62	.36	37	.28	2	6.44	.02	.02	1	9
78+00W 5+25S	12	14	24	46	.4	9	2	171	3.80	10	5	ND	1	32	.2	2	2	216	.39	.021	5	41	.30	33	.48	2	1.84	.02	.03	1	5
78+00W 5+50S	4	17	10	56	.4	8	2	150	5.99	6	5	ND	1	26	.2	2	3	89	.37	.043	4	30	.20	33	.17	4	1.64	.03	.03	1	2
78+00W 5+75S	6	24	19	55	.3	12	3	196	1.99	8	5	ND	1	42	.2	2	2	125	.53	.033	6	40	.35	52	.30	2	2.50	.03	.03	1	2
78+00W 6+00S	7	9	14	23	.1	4	1	117	3.32	7	5	ND	1	21	.2	2	2	165	.29	.018	4	26	.13	28	.32	2	1.62	.02	.02	1	4
78+00W 6+25S	6	5	13	30	.1	2	1	61	1.65	2	5	ND	1	23	.2	2	4	69	.26	.019	4	15	.05	24	.26	2	.79	.02	.03	1	4
78+00W 6+50S	7	6	16	29	.1	4	1	94	1.22	5	5	ND	1	18	.2	2	2	94	.25	.016	5	29	.11	25	.30	2	1.04	.01	.03	1	3
78+00W 6+75S	8	8	11	20	.1	4	4	169	3.80	10	5	ND	1	15	.2	3	2	217	.21	.016	4	23	.10	18	.37	4	.69	.02	.03	1	4
78+00W 7+00S	7	6	14	23	.1	2	1	114	1.14	5	5	ND	1	25	.2	2	3	95	.35	.017	5	15	.12	25	.28	2	.97	.02	.03	1	1
76+00W 0+00N	1	14	23	18	.2	6	3	249	5.75	3	5	ND	1	17	.2	6	2	308	.55	.005	4	44	.08	10	.67	2	.80	.02	.02	1	8
76+00W 0+25S	8	75	20	179	.8	21	22	670	6.94	14	5	ND	3	56	.6	2	2	161	.99	.033	5	47	.42	57	.30	8	4.44	.02	.04	1	2
76+00W 0+50S	1	19	12	50	.3	17	13	282	12.50	3	5	ND	1	25	.6	3	2	420	.71	.010	3	43	.13	15	.68	2	1.11	.02	.01	1	5
76+00W 0+75S	5	36	10	72	.2	10	5	156	3.56	18	5	ND	1	31	.2	2	2	200	.60	.012	5	60	.29	16	.66	2	4.25	.02	.02	1	6
76+00W 1+00S	13	160	23	312	1.0	19	20	2723	3.95	138	20	ND	1	68	5.9	2	2	101	2.27	.075	7	57	.34	44	.18	6	3.19	.03	.02	1	8
76+00W 1+25S	4	89	41	491	.8	35	16	1047	4.20	56	5	ND	1	92	2.8	2	2	100	1.70	.093	6	59	1.80	75	.20	6	3.66	.05	.07	1	5
76+00W 1+50S	3	140	175	836	1.1	32	18	1711	5.53	132	5	ND	1	62	4.1	2	2	128	1.30	.049	8	59	.56	47	.26	2	4.87	.04	.03	3	10
76+00W 1+75S	1	45	140	612	1.3	26	18	2200	5.36	66	5	ND	1	66	3.8	3	2	104	1.57	.092	7	43	.38	39	.20	4	5.53	.03	.03	1	4
76+00W 2+00S	1	89	131	335	.7	32	21	1994	5.23	44	5	ND	1	40	1.4	2	2	107	.58	.060	9	56	.42	40	.25	2	6.72	.03	.02	1	1
76+00W 2+25S	1	61	102	477	1.4	35	21	4313	5.30	94	8	ND	1	100	2.7	3	2	83	3.32	.169	13	38	.24	54	.13	5	5.62	.03	.02	1	4
76+00W 2+50S	2	42	29	218	1.3	42	11	3193	3.72	73	5	ND	1	121	2.1	2	3	56	4.29	.312	10	40	.32	53	.09	9	5.22	.03	.04	1	6
76+00W 2+75S	2	36	16	62	.4	16	5	352	6.21	12	5	ND	2	26	.2	2	2	181	.60	.040	7	80	.28	21	.44	2	4.22	.02	.02	1	3
76+00W 3+00S	3	25	62	450	3.1	71	11	888	4.73	55	5	ND	1	31	1.7	2	2	428	1.54	.046	11	51	.20	57	.24	5	3.76	.02	.02	1	2
76+00W 3+25S	3	46	43	556	5.1	51	9	527	6.66	31	5	ND	1	35	3.8	6	2	539	1.25	.114	12	126	.15	50	.31	2	3.68	.02	.02	2	4
76+00W 3+75S	1	75	114	3427	4.5	214	15	1494	4.16	49	12	ND	1	126	56.5	3	2	602	2.81	.212	24	168	.45	184	.13	3	3.69	.03	.03	18	3
76+00W 4+00S	8	41	134	316	4.4	31	31	1390	6.37	32	5	ND	1	28	1.7	2	2	389	.88	.069	9	95	.29	39	.31	6	3.95	.01	.02	1	7
76+00W 4+25S	7	39	58	293	3.5	26	6	288	6.85	67	12	ND	2	18	.6	3	2	644	.57	.162	8	131	.21	46	.35	6	7.48	.01	.01	1	2
76+00W 4+50S	3	36	30	173	1.6	19	4	374	5.03	13	5	ND	1	55	2.1	11	2	353	1.28	.577	14	87	.13	104	.28	2	5.26	.03	.02	1	4
76+00W 4+75S	3	21	26	41	.3	16	6	221	4.29	3	5	ND	1	23	.2	2	2	166	.34	.026	5	74	.22	27	.32	3	2.48	.02	.02	1	2
76+00W 5+00S	3	17	19	63	.5	12	5	233	5.31	19	5	ND	1	35	.2	2	2	173	.75	.021	3	55	.18	39	.35	3	1.72	.02	.02	1	3
76+00W 5+25S	8	19	36	63	.9	9	5	381	3.76	27	5	ND	1	27	.2	2	2	248	1.25	.044	3	35	.13	48	.28	5	1.43	.02	.02	1	5
76+00W 5+50S	11	28	33	82	.8	12	4	278	6.61	38	5	ND	1	30	.3	2	2	205	.57	.047	6	63	.28	41	.38	3	3.35	.02	.02	1	1
76+00W 5+75S	6	45	26	160	.3	34	14	503	4.54	39	5	ND	1	42	.5	2	2	138	.81	.066	7	70	.38	69	.26	4	4.31	.02	.03	1	2
76+00W 6+00S	6	76	32	291	.4	60	23	907	4.19	54	5	ND	1	69	1.6	2	2	108	1.37	.117	7	58	.55	138	.18	4	4.17	.03	.04	1	1
74+00W 0+00N	1	73	10	41	.5	15	7	200	6.99	3	5	ND	2	27	.2	2	2	170	.37	.024	5	58	.28	13	.60	5	5.40	.02	.01	1	3
74+00W 0+25S	1	90	9	57	.3	19	9	272	3.74	9	5	ND	1	151	.2	2	2	107	2.36	.082	3	32	.55	31	.29	2	7.13	.03	.06	1	3
74+00W 0+50S	1	57	16	49	.4	14	6	243	7.11	9	5	ND	1	39	.2	2	2	174	.48	.020	5	42	.34	16	.70	2	2.29	.02	.03	1	4
STANDARD C/AU-S	18	58	36	132	7.0	71	33	1056	3.89	36	18	7	39	52	18.5	14	19	56	.48	.085	40	59	.86	174	.09	33	1.86	.06	.15	12	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
74+00W 0+75S	2	50	6	52	.1	8	5	167	8.88	2	5	ND	1	25	.2	2	2	278	.45	.028	3	34	.13	16	.55	3	1.57	.02	.03	1	4
74+00W 1+00S	1	188	17	83	.1	28	15	432	5.11	8	5	ND	1	61	.2	2	2	114	1.00	.054	6	45	.52	43	.30	2	4.34	.04	.03	1	10
74+00W 1+25S	1	33	8	33	.1	14	6	173	7.00	2	5	ND	1	20	.2	2	2	214	.37	.017	3	45	.20	15	.58	5	1.64	.02	.02	1	2
74+00W 1+50S	1	12	5	19	.1	15	6	212	7.33	2	5	ND	1	16	.2	2	2	345	.32	.010	2	42	.14	7	.64	4	.59	.02	.02	1	5
74+00W 1+75S	1	94	10	29	.1	13	6	177	7.84	6	5	ND	1	23	.2	4	2	209	.41	.020	4	55	.25	14	.60	3	4.68	.02	.01	1	6
74+00W 2+00S	1	29	19	47	.1	9	7	192	6.59	2	5	ND	1	34	.2	2	2	206	.34	.020	3	31	.37	42	.47	4	1.62	.03	.03	1	3
74+00W 2+25S	1	37	11	23	.1	10	5	175	6.14	2	5	ND	1	15	.2	2	2	283	.31	.015	2	26	.21	15	.63	8	.96	.02	.03	1	5
74+00W 2+50S	1	21	11	20	.1	10	5	273	5.93	2	5	ND	1	15	.2	2	2	247	.49	.010	3	59	.17	10	.58	5	1.22	.02	.02	1	4
74+00W 2+75S	1	28	35	35	.2	9	4	206	1.95	2	5	ND	1	16	.3	2	2	164	.38	.019	3	47	.31	13	.47	4	1.07	.03	.03	1	4
74+00W 3+00S	1	15	16	20	.1	7	5	201	5.06	2	5	ND	1	13	.2	2	2	246	.30	.010	2	30	.21	12	.47	2	1.14	.02	.03	1	3
74+00W 3+25S	1	22	88	64	.1	16	6	282	6.10	2	5	ND	1	26	.2	2	2	243	.51	.013	3	69	.42	14	.76	5	1.44	.04	.02	1	3
74+00W 3+50S	5	127	55	99	.3	9	9	637	9.98	12	5	ND	2	16	.2	2	2	98	1.27	.023	4	51	.12	15	.28	3	4.49	.01	.01	1	24
74+00W 3+75S	4	20	53	58	.5	5	2	233	3.14	6	5	ND	2	25	.2	3	2	86	.48	.023	8	36	.09	29	.24	5	3.46	.02	.01	1	7
74+00W 4+00S	12	25	63	138	.2	21	12	1091	4.50	5	5	ND	1	48	.4	2	2	257	1.19	.023	5	76	.48	28	.33	2	2.28	.02	.02	1	5
74+00W 4+25S	8	22	39	56	.2	12	5	234	5.92	5	5	ND	1	26	.2	2	2	162	.38	.017	5	51	.25	21	.32	3	2.05	.02	.02	1	3
74+00W 4+50S	6	14	57	51	.2	15	4	242	4.91	2	5	ND	1	23	.2	2	2	192	.35	.019	4	53	.38	21	.42	2	1.65	.02	.02	1	2
74+00W 4+75S	2	55	59	79	.1	14	6	326	7.66	3	5	ND	1	24	.2	2	2	118	.48	.030	5	83	.32	15	.30	4	5.18	.02	.01	1	4
74+00W 5+00S	2	5	44	26	.1	5	1	338	1.16	2	5	ND	1	20	.2	2	2	78	.52	.012	5	34	.12	14	.33	3	.78	.01	.02	1	2
70+00W 0+00N	2	98	12	36	.7	16	10	147	10.78	7	5	ND	1	19	.2	2	2	242	.23	.039	3	56	.16	15	.67	2	4.34	.02	.03	1	4
70+00W 0+25S	2	141	14	36	.3	21	15	282	9.07	4	5	ND	1	36	.2	3	2	232	.52	.032	4	55	.22	18	.61	8	4.53	.02	.02	1	5
70+00W 0+50S	1	70	9	32	.1	23	13	176	8.94	22	5	ND	1	47	.2	2	2	307	.42	.022	2	56	.16	20	.81	2	.98	.02	.02	1	2
70+00W 0+75S	1	137	10	70	.5	10	4	132	5.05	3	5	ND	1	14	.3	2	2	58	.12	.070	6	16	.06	18	.13	8	4.31	.02	.03	1	3
70+00W 1+00S	1	91	3	54	.4	17	7	102	7.41	2	5	ND	1	28	.2	2	2	157	.34	.034	3	28	.12	22	.33	10	2.22	.02	.02	1	8
70+00W 1+25S	2	97	9	29	.2	15	7	229	15.90	8	5	ND	1	19	.2	3	2	281	.55	.019	2	54	.09	30	.89	5	3.11	.02	.02	1	6
70+00W 1+50S	1	54	8	38	.3	8	5	476	14.83	8	5	ND	1	16	.2	4	2	196	1.23	.021	2	31	.08	20	.38	2	1.53	.02	.02	1	7
70+00W 1+75S	1	62	35	44	.2	24	10	259	8.71	2	5	ND	1	25	.2	2	2	245	.48	.011	3	72	.46	16	.75	2	3.50	.02	.02	1	4
70+00W 2+00S	1	33	14	41	.2	11	6	179	11.01	2	5	ND	1	18	.2	2	2	297	.35	.022	2	48	.28	14	.63	3	1.66	.03	.03	1	2
70+00W 2+25S	1	10	6	27	.1	9	5	267	4.97	2	5	ND	1	17	.2	2	2	316	.27	.004	2	44	.16	8	.60	2	.70	.01	.02	1	3
70+00W 2+50S	6	10	13	20	.1	5	3	230	3.64	3	5	ND	1	18	.2	3	2	210	.38	.003	3	30	.08	14	.40	2	.74	.01	.01	1	3
70+00W 2+75S	8	34	73	64	.3	10	4	402	2.75	3	5	ND	2	33	.2	2	2	128	.83	.010	5	73	.23	18	.46	4	3.91	.02	.02	1	2
70+00W 3+00S	2	51	31	56	.1	12	8	193	5.00	3	5	ND	2	18	.2	2	2	118	.32	.046	4	51	.19	15	.27	5	5.64	.02	.02	1	4
70+00W 3+25S	1	11	18	45	.5	4	1	154	1.18	3	5	ND	1	17	.2	2	2	49	.32	.026	3	28	.17	12	.16	7	1.08	.02	.04	1	3
70+00W 3+50S	2	18	27	29	.1	7	2	159	1.17	2	5	ND	1	18	.2	2	2	94	.33	.013	4	64	.18	10	.33	2	2.56	.01	.02	1	3
70+00W 3+75S	1	14	17	77	.4	2	1	102	1.05	2	5	ND	1	16	.2	2	2	106	.36	.034	3	25	.07	13	.31	9	.73	.02	.08	1	6
70+00W 4+00S	1	6	9	16	.1	1	1	1368	4.13	2	5	ND	1	22	.2	2	2	149	4.69	.005	14	44	.03	5	.50	7	1.03	.01	.02	1	4
70+00W 4+25S	21	73	236	87	1.8	9	7	166	1.09	13	5	ND	1	15	.2	3	2	60	.36	.111	10	70	.16	15	.13	2	7.90	.02	.02	1	3
STANDARD C/AU-S	19	60	38	132	7.1	69	33	1058	3.97	37	25	6	41	53	18.7	14	19	57	.48	.087	40	58	.88	176	.09	33	1.87	.07	.15	12	50

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
70+00W 4+50S	11	73	234	141	1.6	12	21	1313	4.27	11	5	ND	1	15	3.3	2	2	54	.39	.076	5	46	.17	18	.08	2	3.89	.01	.01	1	1
70+00W 4+75S	12	76	228	121	1.3	11	15	1047	6.60	8	5	ND	1	21	.8	2	2	128	1.50	.026	3	52	.19	12	.27	2	2.13	.01	.01	1	4
70+00W 5+00S	4	39	14	56	.4	24	9	418	7.95	4	5	ND	1	34	.3	3	2	169	.57	.025	2	116	.87	24	.43	2	1.89	.02	.03	1	1
70+00W 5+25S	4	8	17	29	.1	11	3	175	3.57	2	5	ND	1	20	.2	2	2	174	.34	.012	3	56	.23	17	.47	2	1.13	.02	.02	1	1
70+00W 5+50S	2	25	12	83	.5	41	10	252	4.27	2	5	ND	1	21	.3	2	2	127	.41	.034	2	81	.90	22	.33	2	1.36	.03	.05	1	1
70+00W 5+75S	1	13	11	144	.5	10	2	83	1.39	2	5	ND	1	19	.2	2	2	36	.18	.086	3	28	.11	35	.09	2	.99	.02	.05	1	1
70+00W 6+00S	1	13	4	101	.3	6	1	35	1.06	2	5	ND	1	12	.2	2	2	30	.12	.075	3	21	.06	24	.05	3	1.36	.02	.02	1	1
70+00W 6+25S	2	18	7	28	.1	14	3	159	4.08	2	5	ND	1	17	.2	2	2	150	.21	.014	5	91	.25	15	.32	2	2.95	.01	.02	1	2
70+00W 6+50S	1	5	5	60	.2	7	2	110	1.66	2	5	ND	1	11	.2	2	2	73	.12	.021	3	43	.13	12	.16	2	.63	.02	.02	1	1
70+00W 6+75S	2	11	8	21	.1	16	3	136	1.47	2	5	ND	1	18	.2	2	2	98	.21	.007	3	74	.16	12	.28	2	1.01	.01	.02	1	1
70+00W 7+00S	2	11	7	72	.6	6	2	122	8.44	11	5	ND	1	20	.3	2	2	77	.24	.054	3	17	.06	44	.06	5	.99	.03	.07	1	1
70+00W 7+25S	10	10	22	26	.3	6	1	102	2.88	35	5	ND	1	19	.2	2	2	164	.37	.016	5	53	.14	34	.42	2	1.64	.02	.02	1	3
70+00W 7+50S	6	4	13	15	.3	3	1	196	3.57	6	5	ND	1	17	.2	2	2	178	.40	.006	5	31	.14	15	.34	2	1.22	.01	.02	1	1
70+00W 7+75S	1	13	7	111	.3	8	3	151	2.29	2	5	ND	1	28	.4	2	2	55	.71	.041	2	18	.15	27	.16	6	.70	.03	.07	1	1
70+00W 8+00S	5	4	15	26	.2	4	1	351	1.76	5	5	ND	1	24	.2	2	2	88	.98	.017	3	33	.14	24	.29	4	.86	.02	.03	1	1
70+00W 8+25S	5	3	8	37	.2	9	2	285	1.76	4	5	ND	1	19	.2	2	2	34	.26	.021	3	25	.24	21	.13	5	.64	.02	.03	1	1
70+00W 8+50S	23	12	16	56	.3	10	11	3827	6.18	17	5	ND	2	31	.2	2	2	102	.34	.032	5	41	.44	44	.24	2	2.22	.03	.04	1	2
42+00W 0+25S	2	93	735	647	2.4	14	13	895	5.26	13	5	ND	1	20	3.5	2	2	126	.43	.069	5	54	.35	18	.28	4	6.20	.02	.02	2	2
42+00W 0+50S	3	37	223	658	1.6	51	4	2670	1.53	31	8	ND	1	61	21.2	2	2	56	2.95	.109	10	24	.15	53	.04	16	2.08	.02	.03	2	1
42+00W 0+75S	3	47	87	468	3.0	52	12	6710	4.92	80	13	ND	1	228	12.2	4	2	67	7.81	.231	11	15	.30	148	.10	11	4.08	.03	.09	2	2
42+00W 1+00S	5	24	161	264	.4	32	9	1423	3.34	74	5	ND	1	19	.8	2	6	109	.21	.024	2	12	.12	10	.10	4	.99	.01	.01	1	1
42+00W 1+25S	5	18	72	157	.5	21	5	285	5.28	49	5	ND	1	14	.8	2	4	132	.27	.058	3	47	.25	16	.16	2	3.58	.01	.01	1	1
42+00W 1+50S	2	4	14	30	.2	3	1	116	1.06	7	5	ND	1	5	.3	2	2	33	.13	.013	2	12	.05	9	.05	2	.70	.01	.01	1	1
42+00W 1+75S	3	3	10	25	.1	4	1	63	.83	6	5	ND	1	9	.2	2	2	39	.09	.010	2	3	.02	13	.06	2	.45	.01	.01	1	1
42+00W 2+00S	22	24	18	167	1.0	51	5	235	6.66	39	5	ND	1	33	.5	3	2	735	.69	.033	5	43	.30	25	.38	3	1.70	.02	.02	1	2
42+00W 2+25S	13	11	22	106	1.1	12	1	75	3.71	11	5	ND	1	5	.5	3	2	689	.23	.011	2	39	.03	9	.34	2	.92	.01	.01	1	2
42+00W 2+50S	9	19	19	228	.7	17	5	505	5.61	39	5	ND	1	37	.4	2	2	360	.53	.048	6	85	.26	66	.32	2	2.19	.02	.02	1	2
42+00W 2+75S	3	33	12	68	.5	14	3	188	3.56	22	5	ND	1	18	.2	2	2	140	.25	.035	6	54	.28	19	.25	5	4.39	.02	.02	1	1
42+00W 3+00S	3	39	13	78	.2	15	5	309	4.53	24	5	ND	1	15	.2	2	2	143	.23	.056	5	58	.33	19	.30	2	5.78	.02	.02	1	1
42+00W 3+25S	2	32	7	97	.5	12	5	264	3.90	12	5	ND	1	20	.2	2	2	122	.29	.039	7	51	.32	24	.29	5	4.82	.02	.02	1	5
42+00W 3+50S	2	22	21	174	.9	14	3	737	2.94	8	5	ND	1	55	.9	2	2	171	1.02	.032	4	31	.21	30	.40	3	1.43	.01	.02	1	2
42+00W 3+75S	3	46	7	52	.3	19	5	192	4.75	17	8	ND	1	14	.2	2	3	129	.21	.046	4	73	.34	17	.34	2	7.62	.02	.01	1	1
42+00W 4+00S	4	30	13	47	.4	14	5	195	5.50	20	5	ND	3	15	.2	2	5	147	.20	.033	5	67	.31	20	.35	2	5.89	.02	.01	1	2
42+00W 4+25S	2	39	9	71	.4	23	14	585	4.44	23	5	ND	1	34	.2	2	2	115	.58	.046	5	56	.37	26	.28	2	4.00	.03	.03	1	4
42+00W 4+50S	8	28	11	52	.4	24	6	175	5.62	262	5	ND	2	17	.2	2	2	185	.24	.024	5	98	.29	22	.35	2	5.44	.02	.01	1	2
42+00W 4+75S	3	33	5	68	.5	11	4	277	2.53	28	9	ND	2	19	.2	2	2	66	.54	.075	6	44	.24	21	.19	5	6.62	.01	.02	1	1
STANDARD C/AU-S	19	58	38	132	7.0	70	32	1040	3.95	38	22	6	38	52	18.5	15	18	54	.48	.089	38	58	.88	176	.09	31	1.88	.06	.15	13	46

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
42+00W 5+00S	3	46	18	51	.4	14	9	167	6.11	34	5	ND	3	15	1.1	2	2	169	.23	.018	5	70	.28	19	.34	3	6.27	.02	.02	1	4
42+00W 5+25S	5	16	18	47	.1	9	3	191	2.30	25	5	ND	1	37	.5	2	2	111	.43	.028	6	31	.19	43	.30	2	2.35	.02	.03	2	5
42+00W 5+50S	5	12	2	110	.3	6	1	47	1.12	4	5	ND	1	25	.4	2	2	23	.34	.065	4	6	.05	34	.02	7	.94	.02	.02	1	4
42+00W 5+75S	1	11	2	156	.2	6	2	61	.67	4	5	ND	1	13	.2	2	2	36	.16	.063	4	10	.09	10	.04	6	1.11	.03	.04	1	1
42+00W 6+00S	5	23	11	58	.1	6	5	197	2.84	5	5	ND	1	34	.7	4	2	122	.26	.018	7	35	.30	19	.31	2	4.54	.02	.02	2	5
42+00W 6+25S	2	6	11	23	.2	5	2	98	2.39	5	5	ND	1	15	.2	3	2	107	.13	.014	5	20	.07	16	.24	2	2.00	.02	.02	1	6
42+00W 6+50S	2	16	10	41	.1	6	3	149	1.62	2	5	ND	1	23	.8	2	2	90	.19	.021	6	30	.19	22	.27	2	3.01	.03	.02	1	2
42+00W 6+75S	1	8	10	29	.1	6	4	164	.91	6	5	ND	1	28	.2	3	2	47	.28	.023	5	18	.23	22	.17	5	1.89	.02	.02	1	1
42+00W 7+00S	2	19	7	29	.1	7	4	96	3.49	6	5	ND	3	19	.5	3	2	91	.13	.013	4	35	.10	20	.23	3	5.20	.02	.01	1	1
42+00W 7+25S	2	25	7	36	.1	7	5	156	2.68	8	6	ND	2	23	.4	7	2	121	.28	.026	7	49	.27	25	.36	4	4.07	.02	.02	2	10
42+00W 7+50S	2	7	6	33	.3	3	3	144	2.17	8	5	ND	1	21	.2	2	2	100	.16	.019	5	22	.13	15	.25	2	2.10	.03	.02	1	1
42+00W 7+75S	1	2	4	21	.2	3	1	123	.42	4	5	ND	2	13	.3	2	2	57	.09	.005	6	7	.03	10	.24	4	.89	.02	.02	1	1
42+00W 8+00S	2	1	2	13	.2	3	1	114	.53	2	5	ND	1	15	.2	2	2	86	.13	.007	4	15	.05	13	.36	4	1.11	.01	.01	1	2
42+00W 8+25S	2	6	2	13	.3	3	1	127	.58	6	5	ND	2	15	.3	3	2	74	.12	.009	4	5	.04	14	.23	4	.71	.02	.03	1	3
42+00W 8+50S	3	6	8	19	.1	4	1	101	.63	3	5	ND	1	14	.2	2	4	64	.13	.010	7	22	.08	13	.30	3	1.80	.02	.02	1	1
STANDARD C/AU-S	19	63	37	131	7.6	69	32	1055	3.93	40	20	6	39	53	18.5	17	18	58	.47	.089	40	58	.87	176	.09	33	1.87	.07	.15	12	48

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

WHOLE ROCK ICP ANALYSIS

DAIWAN ENGINEERING LTD. PROJECT - CAMECO File # 91-GORD Page 1

1030 - 609 Granville St., Vancouver BC Submitted by: GORD ALLEN

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
B 97308	47.28	15.83	12.92	6.79	8.02	3.26	.38	2.75	.42	.17	.031	171	474	33	130	33	20	1.9	97.96
B 97309	46.39	15.48	9.70	8.14	10.97	2.13	.80	1.69	.27	.16	.065	237	434	45	79	21	20	3.9	95.91
B 97313	48.00	14.17	13.06	6.84	10.45	2.46	.29	1.95	.23	.28	.031	110	260	15	81	26	20	2.0	97.83
B 97318	48.59	15.01	11.86	7.90	10.21	2.14	.28	1.34	.17	.26	.043	177	305	13	58	16	20	2.0	97.88
B 97321	47.16	16.39	11.74	6.20	10.73	2.60	.79	1.77	.25	.21	.034	217	468	47	81	25	20	1.9	97.99
5063	50.08	14.84	11.43	5.55	9.99	3.76	.85	1.70	.19	.15	.034	359	564	4	88	24	20	1.3	98.72
5096	48.72	13.29	13.24	5.42	8.83	4.46	.21	1.94	.28	.24	.020	54	147	15	97	26	32	3.2	96.70
5097	47.99	14.45	13.60	6.08	7.87	3.58	.41	2.01	.28	.25	.024	234	273	19	98	26	20	3.2	96.63
B 97150	48.75	15.86	9.89	7.15	7.99	4.66	.05	1.15	.15	.12	.040	40	293	2	55	14	20	4.1	95.82

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUN 11 1991 **DATE REPORT MAILED:** June 11/91 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
B 97302	54.54	16.46	8.91	4.28	6.64	3.54	2.05	.85	.29	.22	.008	920	502	48	88	28	20	1.9	98.02
B 97305	73.70	13.39	1.07	.41	2.61	2.21	4.37	.15	.05	.04	.006	1939	316	26	74	10	20	1.6	98.39
B 97306	46.83	18.37	6.50	1.56	18.45	2.14	2.10	1.11	.33	.60	.016	1091	309	19	46	20	20	1.6	98.24
B 97310	47.56	13.60	6.14	5.88	19.71	1.31	.60	2.69	.43	.24	.027	70	435	19	156	39	20	1.6	98.28
B 97311	84.90	1.07	1.50	.21	7.89	.05	.45	.13	.42	.10	.005	5	35	21	8	5	20	1.3	96.72
B 97331	70.45	14.84	2.29	.74	2.19	4.86	2.94	.22	.07	.12	.002	1221	417	12	84	10	20	1.0	98.99
B 97333	49.94	16.56	9.93	4.70	9.18	3.39	1.28	.79	.27	.38	.002	1025	672	26	55	19	20	3.2	96.69
B 97341	52.41	16.27	9.17	4.10	7.24	3.10	1.58	.87	.30	.18	.003	766	559	26	83	24	20	4.5	95.44
5060	72.32	11.86	1.00	.40	4.85	.20	3.26	.13	.04	.21	.004	682	116	12	61	12	20	5.6	94.42
5061	49.94	15.52	9.38	7.25	11.17	2.05	1.19	.77	.14	.42	.050	415	499	2	23	10	20	2.0	98.01
5068	62.25	14.19	5.98	2.79	4.98	1.57	4.37	.57	.12	.34	.003	2912	460	2	90	18	20	2.3	97.73
B 97350	52.58	16.30	8.38	3.83	8.27	4.82	1.50	.78	.22	.14	.004	1375	736	5	80	21	20	2.8	97.16

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
B 97116	69.62	14.86	3.57	1.16	3.55	3.21	2.45	.29	.13	.08	.002	1066	400	2	91	13	20	.9	99.17
B 97303	69.78	14.95	2.80	.94	3.17	3.08	3.50	.28	.17	.11	.004	1257	468	42	82	14	20	.9	99.07
5084	64.89	15.05	4.64	1.80	5.77	2.50	2.57	.40	.22	.24	.002	851	255	2	84	15	20	1.8	98.27

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
B 97319	49.13	17.76	10.73	5.43	9.42	3.30	.59	.94	.30	.20	.007	422	688	21	27	16	20	1.7	97.97
5062	61.11	14.60	6.92	2.94	5.34	3.83	2.40	.74	.20	.17	.005	1084	510	2	108	21	20	1.5	98.52
5069	54.59	14.66	8.43	4.43	7.02	4.23	2.25	.78	.20	.58	.002	2305	518	2	80	19	20	2.4	97.64
5082	57.02	15.25	7.87	3.37	7.97	4.09	1.76	.74	.24	.19	.005	689	527	4	71	21	20	1.4	98.70
5085	67.86	14.43	3.27	1.52	3.90	4.48	2.89	.51	.13	.08	.004	1222	358	2	163	21	20	.7	99.35
5074	52.65	14.57	8.55	6.22	9.03	3.49	1.94	.72	.19	.25	.034	1580	523	2	58	16	20	2.1	97.98

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
5089	51.83	16.84	8.43	4.82	8.69	4.10	.64	.89	.28	.15	.005	644	714	5	73	19	20	3.1	96.88
B 97350	52.58	16.30	8.38	3.83	8.27	4.82	1.50	.78	.22	.14	.004	1375	736	5	80	21	20	2.8	97.16

SAMPLE#	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	Ba ppm	Sr ppm	La ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
5081	49.59	16.16	10.75	5.69	8.41	4.05	1.08	.88	.28	.18	.008	653	641	5	47	18	20	2.7	97.28
5098	51.08	17.80	9.66	4.77	8.15	2.66	.24	.88	.51	.24	.004	649	897	15	97	20	20	3.7	96.23
B 97138	10.86	.33	.47	.24	48.46	.10	.47	.02	.04	.05	.004	46	453	2	9	5	20	38.8	61.11
B 97149	69.12	13.32	3.06	1.02	4.19	2.57	2.22	.31	.08	.10	.002	936	247	6	92	7	20	3.8	96.19
B 97334	64.95	15.10	4.96	1.69	4.16	2.18	4.29	.46	.14	.18	.002	1720	481	15	75	12	20	1.5	98.47

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

GEOCHEMICAL/ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT HOLBERG File # 91-1611

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: S. OAKLEY

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** oz/t	Au ppb
D 59851	1	144	7	73	.3	31	31	1717	5.84	3	5	ND	1	33	.6	2	2	199	.89	.038	4	41	.88	19	.38	8	2.27	.03	.02	2	.001	10
D 59852	4	36	16	283	.5	30	15	1364	3.04	63	5	ND	2	174	2.2	3	2	98	9.24	.109	4	26	.34	38	.08	10	2.12	.02	.03	2	.001	21
D 59853	3	213	33	515	1.2	69	32	1814	6.66	51	8	ND	1	76	5.6	2	4	172	2.00	.068	6	65	1.17	82	.16	96	3.91	.02	.03	2	.001	4
D 59854	1	121	12	107	.4	40	27	1262	6.30	11	5	ND	1	60	1.1	2	7	170	1.00	.045	6	64	1.52	57	.23	6	3.17	.02	.05	3	.001	10
D 59855	4	19	9	69	.3	17	14	601	4.08	10	5	ND	2	84	1.0	2	2	94	1.11	.039	4	32	.57	42	.09	2	2.26	.02	.03	3	.003	82
D 59856	4	15	4	63	.1	13	14	665	4.90	8	5	ND	1	72	.6	2	2	126	.99	.035	4	30	.43	30	.07	10	1.90	.02	.03	1	.001	28
D 59857	3	60	33	172	.6	23	25	1157	6.27	32	5	ND	2	87	1.4	2	2	158	2.17	.044	5	39	.48	51	.13	30	2.34	.02	.03	2	.001	9
D 59858	2	24	9	188	.3	6	18	931	4.53	9	5	ND	3	86	1.9	2	4	116	1.25	.046	5	23	.60	25	.05	2	2.22	.02	.04	1	.001	1
D 59859	2	42	5	47	.1	16	16	721	5.59	11	10	ND	2	112	1.0	2	2	163	1.93	.045	6	29	.58	37	.12	3	3.67	.02	.05	2	.001	2
D 59860	2	66	23	168	.4	23	23	640	4.76	13	5	ND	1	60	1.3	2	2	85	1.22	.046	3	40	.63	34	.09	3	1.84	.02	.03	1	.001	1
D 59861	8	32	16	132	.2	34	19	916	4.54	15	5	ND	1	41	1.2	2	2	108	.89	.050	4	36	1.12	61	.16	6	2.25	.02	.03	2	.001	1
D 59862	2	30	14	99	.1	26	21	1498	5.43	6	5	ND	1	42	.7	2	2	135	.78	.038	3	40	1.08	58	.19	2	2.31	.02	.03	1	.001	1
D 59863	3	20	2	86	.2	19	23	1592	4.59	13	5	ND	1	43	1.0	2	2	115	.71	.041	4	34	1.03	97	.12	5	2.66	.02	.03	1	.001	8
D 59864	3	27	2	97	.3	33	31	1491	4.97	13	5	ND	1	77	1.1	2	2	131	1.03	.037	3	50	1.53	77	.21	5	2.98	.02	.04	2	.001	4
D 59865	2	92	77	223	.6	32	34	752	11.32	15	8	ND	2	63	2.3	2	2	236	1.47	.046	4	61	.59	34	.14	4	1.68	.02	.02	1	.001	8
D 59866	2	76	23	234	.4	30	25	773	6.12	18	5	ND	1	75	2.4	3	2	118	1.41	.054	4	49	.74	44	.12	5	2.20	.02	.03	2	.001	6
[redacted]																																
STANDARD C/AU-1	19	58	42	131	7.2	69	31	1050	3.95	37	22	7	41	53	18.4	14	18	57	.48	.089	39	58	.87	182	.09	32	1.92	.08	.15	11	.097	

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: DREDGE AU** BY FIRE ASSAY FROM 1 A.T.

DATE RECEIVED: JUN 6 1991 **DATE REPORT MAILED:** June 12/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Sample No.	Location (Grid, Grid Coordinates	Rock Name	Color/Texture/Structure	Mineralization	Analysis Au ppb	Au oz/t	V.G. oz/t
97101		Silicified Parsons Bay	very light grey,fine-very fine grained,strong silicification,weak patchy-fracture chlorite,bedded 110/25,within 10m of Quartz feldspar porphyry contact	2-3% fracture-stringer-bleb pyrite-pyrrhotite,trace fracture chalcopyrite			
97102		Silicified Parsons Bay	as 97101,bedded 110/30	2-3% disseminated-fracture pyrite-pyrrhotite-magnetite,0.1% fracture chalcopyrite,trace sphalerite			
97103		Silicified Parsons Bay	as 97101	3-5% disseminated-fracture pyrite-pyrrhotite,0.5% fracture chalcopyrite			
97104		Silicified Parsons Bay	as 97101	3% disseminated-fracture pyrite-pyrrhotite,0.1% fracture chalcopyrite			
97105		Intensely Altered Parsons Bay	intense sericite-clay-chlorite-quartz carbonate stockwork, approximately 10m wide,moderate manganese stain	no visible sulphides			
97106		Massive Sulphide Lense	Parsons Bay sediment host,098/78,0.5m wide by 0.6m long,pinches out over 10m,host is moderately silicified with weak chlorite	predominantly pyrite with up to 2% pyrrhotite,0.5%stringer chalcopyrite,trace black jack sphalerite			
97107		Silicified Parsons Bay	moderate-strong silicification,weak-moderate patchy-fracture chlorite,indurated,bedding 132/85	5-7% disseminated-fracture-bedded pyrite,trace-1% pyrrhotite,trace-0.1% chalcopyrite			
97108		Massive Sulphide Vein	0.2-0.3m wide,strong gossan stain,weak hematite stringers,silicified-chloritic-locally-cherty Parsons Bay host,109/58,vein conformable to bedding	98% pyrite-pyrrhotite,1-2% fracture-stringer chalcopyrite-sphalerite			
97109	2.5m south of 97108	Sheared Parsons Bay	0.5m wide,110/59,minor gouge,moderate silicification-chlorite,locally cherty,brittle appearance,	3-5% fracture-stringer-disseminated pyrite-pyrrhotite,0.1% fracture chalcopyrite,trace sphalerite			
97110	9m south of 97109	Massive Sulphide vein	as 97107,110/58	as 97108			

Sample No.	Location (Grid, Grid Coordinates	Rock Name	Color/Texture/Structure	Mineralization	Analysis Au ppb	Au oz/t	V.G. oz/t
97111	at contact of 97110	Cherty Parsons Bay	greyish green,moderate chlorite,110/58,part of cherty-silicified zone adjacent massive sulphide vein,0.2-0.3m wide on footwall side of vein	3-5% disseminated-fracture-stringer pyrite,2-3% pyrrhotite,0.1% fracture-stringer chalcopyrite			
97112		Massive Sulphide Vein	0.3-0.4m wide,appears to pinch out over 10-15m strike length,silicified-chloritic Parsons Bay host,close to Parsons Bay/volcanic contact	90-95% pyrrhotite-pyrite,1% fracture-stringer chalcopyrite,trace sphalerite			
97113	as 97112	Massive Sulphide Vein	as 97112,0.3-0.4m wide	as 97112			
97114	as 97112	Massive Sulphide Vein	as 97112,0.3-0.4m wide	as 97112			
97115		Andesite	greyish green,vesicular,fine-medium grained,moderate silicification,localized chlorite patches,moderate sericite along fractures,weak rusty gossan stain	3-5% disseminated-bleb pyrite			
97116	(whole rock sample)	Quartz Feldspar Porphyry	medium-light green,coarse grained feldspar and quartz phenocrysts,fine-medium grained groundmass,weak silicification	no visible sulphides			
97117		Shear Zone	at contact of andesite/black graphitic siltstone,weak-moderate quartz-carbonate stockwork,115/?	2-3% disseminated-fracture pyrite			
97118		Intensely Altered Brittle Zone	overlies Quatsino limestone with strong quartz-carbonate stockwork,intense sericite-clay,moderate chlorite-hematite,friable	2-3% stringer-fracture-disseminated pyrite			
97119		Basalt	2-3m wide zone of chlorite-epidote-quartz carbonate stockwork alteration	2-3% disseminated-vein pyrite and pyrrhotite,trace chalcopyrite			
97120	L60W 4+70S boulder sample	Silicified Felsic Intrusive	boulders in creek bottom, fine grained,trace medium grained feldspar phenocrysts, creamy white, strong silicification, cherty in places,	2-3% disseminated-bleb pyrite, trace magnetite			
97121	L58+70W 5+10S	Silicified Felsic Intrusive	as 97120	3% disseminated-bleb pyrite			
97122	L60W 8+65S	Granodiorite	light greyish green, medium grained, moderate-strong chlorite-sericite-epidote, locally silicified, trace quartz stringers, weak brittle shearing, 060/? and 105/?,	15% stringer-fracture-disseminated pyrite, trace pyrrhotite-chalcopyrite			

Sample No.	Location (Grid, Grid Coordinates	Rock Name	Color/Texture/Structure	Mineralization	Analysis Au ppb	Au oz/t	V.G. oz/t
97123	L59+98W 8+63S (Creek zone)	Massive Sulphide Lense	Granodiorite host(see 97122),at least 2.0m long by 0.5 m wide then goes into the creek,	80% pyrrhotite,10% chalcopyrite,5% pyrite,5% magnetite			
97124	20m downstream from 97123(Creek Zone)	Gossan zone in altered volcanics	as 97122 but stronger sericite, 1-2% garnets,weak shearing parallel to creek 068/?,	30-40% pyrite, 10-15% magnetite, 3% pyrrhotite, 0.5% chalcopyrite			
97125	8m downstream from 97124	Gossan zone in altered volcanics	as 97122,brittle-ductile shearing 095/?, strong gossan stain, moderate-strong sericite, trace garnet	25% pyrite,5% pyrrhotite,trace chalcopyrite,5% magnetite			
97126	L59+92W 9+75S	Gossan zone	creamy white-greyish green,strong-intense sericite, friable,0.9 m wide,075/?,weak chlorite,moderate grey grunge	25% disseminated-stringer pyrite,trace chalcopyrite			
97127	L59+91W 9+76S	Gossan zone	as 97126,moderate greenish clay,080/?,sheared,	15% cubic-stringer-disseminated pyrite,trace chalcopyrite			
97128	Upper Mead Creek	Felsic Intrusive	creamy white, very fine grained, trace feldspar phenocrysts, strong silicification,cherty in places,	2-3% disseminated-bleb pyrite,2-3% stringer pyrite			
97129	Upper Mead Creek	Massive Sulphide Lense	0.4m wide by 2m long,then goes into overburden, limestone host	80% pyrite,12% pyrrhotite,5%magnetite, 2% chalcopyrite			
97130	Upper Mead Creek	Altered Mineralized Zone	probably intermediate volcanic host,strong-intense patchy chlorite-sericite-silicification,weak patchy epidote,locally brittle,065/?	10-15% locally semi-massive-stringer-disseminated pyrite,trace pyrrhotite-chalcopyrite			
97131	Upper Mead Creek	Gossan Zone	at limestone/volcanic contact,2.5m wide by 6 m long, intense gossan stain with moderate sericite	30-60% magnetite,20-30% pyrite, trace pyrrhotite-chalcopyrite			
97132	Upper Mead Creek	Granodiorite	across creek from limestone/granodiorite contact,speckled grey,medium-occasionally fine grained,moderate local silicification,olive green chlorite-epidote alteration near contact,weak quartz-carbonate stringers	3-4% disseminated pyrite			
97133	Upper Mead Creek (same location as 97131)	Limestone	white,marble appearance in places,bedded 073/?,at contact with massive sulphide lense,moderate chlorite-sericite-quartz-carbonate alteration(skarned),trace garnets	5-7% cubic-disseminated-stringer pyrite,trace sphalerite-galena-magnetite			

Sample No.	Location (Grid, Grid Coordinates	Rock Name	Color/Texture/Structure	Mineralization	Analysis Au ppb	Au oz/t	V.G. oz/t
97134	Monzonite Creek	Parsons Bay	light buff grey,very fine grey,strongly silicified,bedded 103/22,trace calcareous bands,weak gossan stain	3-4% disseminated pyrite,1-2% fracture pyrite			
97135	Monzonite Creek	Felsic Dyke	creamy white,trace quartz and feldspar phenocrysts,1% chlorite blebs,shattered-brittle appearance,moderate silicification,weak quartz-carbonate stockwork,	2-3% disseminated pyrite			
97136	Monzonite Creek	Massive Sulphide Lense	1 m wide,silicified Parsons Bay host,appears to be conformable to bedding	100% pyrite			
97137	spur road south of HPH showing	Parsons Bay	medium grey-greenish grey,finely bedded,broken outcrop,moderate silicification,weak-moderate chlorite fractures	2-3% stringer-fracture-disseminated pyrite-pyrrhotite			
97138	L46+23W 1+40S whole rock sample	Limestone	greyish black, fine grained,bedded,115/58,slightly argillaceous,minor concretions,trace quartz stringers	no visible sulphides			
97139	L19+72W 1+15S	Limestone	black-greyish black,fine-very fine grained,bedded,?160/24,minor argillaceous beds,within 7-10 m of underlying felsic intrusive,0.4-0.6m wide,weak patchy quartz-carbonate stringers,conformable to bedding,weak gossan stain	1-2% stringer sphalerite,0.5% disseminated pyrite			
97140	L20+05W 1+19S	Limestone	black-greyish black,fine-very fine grained,0.2 m wide fractured zone,195/74,moderate gossan stain,strong sericite,weak-moderate chlorite	2% stringer-fracture sphalerite,trace pyrite			
97141	L14W 1+06S (boulder in creek bed,possibly close to outcrop)	Felsic Intrusive	creamy white,fine grained,moderate-strong silicification,bleached in places,trace quartz stringers,trace quartz phenocrysts	3-5% disseminated-bleb pyrite			
97142	L83+95W 2+61S	Felsic Intrusive	light-medium greenish-grey,fine-very fine grained,trace quartz-feldspar phenocrysts,moderate-strong silicification,moderate patchy-fracture chlorite,cherty in places,trace quartz-carbonate stringers at limestone contact	5-7% disseminated-stringer-fracture pyrite-pyrrhotite,trace chalcopyrite			
97143	L83+75W 5+00S	Parsons Bay	2-3 m wide shear,105/42,same orientation as bedding,strong sericite-gouge,creamy white, bleached,strong gossan stain,weak-moderate patchy chlorite,	20-30% disseminated-semi massive-stringer pyrite			
97144	L83+79W 5+05S	Parsons Bay	creamy white-greenish white,bedded, 105/42, moderate patchy silicification-chlorite(?diopside)-epidote-sericite,weak banded-fractured epidote-rhodonite,weak-moderate slippage-shearing 280/57,	5-7% disseminated-stringer-fracture pyrite			

Sample No.	Location (Grid, Grid Coordinates	Rock Name	Color/Texture/Structure	Mineralization	Analysis Au ppb	Au oz/t	V.G. oz/t
97145	58 m upstream of 97144	Felsic Intrusive	creamy white-greenish white, trace quartz phenocrysts, moderate-strong localized silicification,moderate-weak patchy-fracture chlorite-epidote	3-5% stringer-fracture-bleb pyrite,trace pyrrhotite			
97146	70 m upstream of 97144	Parsons Bay	creamy white-greenish white,finely bedded 105/52,weakly-moderately sheared conformable to bedding(3-4m wide), moderate-strong stringer-bedding controlled epidote-sericite,1-2% cherty beds,	3-5% locally 7% bedding-fracture-stringer pyrite			
97147	85 m upstream of 97144	Parsons Bay	pinkish grey-greenish grey,finely bedded 103/50, strong-moderate epidote-chlorite-rhodonite,2-3% cherty stringers-beds,	20-25% disseminated-stringer-bedded-semi massive pyrite,trace pyrrhotite-chalcopyrite			
97148	116 m upstream of 97144	Parsons Bay Gouge Zone	light grey with dark grey gouge, 1.5 m wide 105/49, strong sericite-chloritic gouge,	30-50% semi massive-disseminated pyrite			
97149	Monzonite Creek (whole rock sample)	Quartz Monzonite	speckled buff grey to pinkish grey,medium grained, equigranular, massive, weak-moderate fracturing-brecciation,moderate zeolite-chlorite-sericite alteration along fractures	no visible sulphides			
97150	L42+30W 5+50N	Karmutsen Basalt (whole rock sample)	dark green,medium grained, amygdaloidal with quartz-calcite-epidote phenocrysts, trace chlorite-epidote fractures	no visible sulphides			
60851	L60+60W 7+30S	Granodiorite	speckled light-medium grey,medium grained,equigranular, massive,weakly silicified,moderate patchy chlorite	3-4% disseminated-fracture pyrite,			
60852	L75+95W 3+47W (whole rock sample)	Felsic Intrusive	creamy white,very fine-fine grained,trace quartz phenocrysts,2-3% medium grained chlorite blebs,moderate silicification	no visible sulphides			
60853	L76+06W 3+70S	Felsic Intrusive	as 60852, moderate silicification,trace chlorite blebs,	2-3% fracture-disseminated pyrite-pyrrhotite			
60854	L76+06W 3+71S	Limestone	dark grey-greyish black,bedded,090/48,at limestone/felsic intrusive contact,moderate silicified beds,moderate patchy bleaching,trace intrusive stringers near contact,	trace fracture pyrite			
60855	L76W 4+15S (boulder sample)	Parsons Bay	light grey-greenish grey,very fine grained,finely bedded, moderate silicification,trace cherty beds,trace moderate fracture chlorite, moderate manganese stain	2% disseminated-fracture pyrite-pyrrhotite			

APPENDIX B

ROCK SAMPLE DESCRIPTIONS

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97301	G. ALLEN	66+00W, 8+50S	MAY 1, 1991

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [✓] CHANNEL [ ] (SAMPLE WIDTH 2m)

OCCURRENCE SIZE:
5m (+) SHEAR ZONE

ROCK NAME: FELSIC TO INTERMEDIATE INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium to dark greenish-grey fine-grained crystalline groundmass with 15% (?) vague 1-2 mm feldspar phenocrysts and 5-8% fine-grained disseminated and fracture-related pyrite. Sample taken from a shear zone at 49/30NW.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97302	G. ALLEN	66+00 W, 11+45 S	MAY 1, 1991

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELSIC TO INTERMEDIATE INTRUSIVE (DYKE)

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dark to medium blue-grey fine-grained crystalline groundmass with 15-20% stubby 1-2 mm feldspar phenocrysts & 2-3% fine-grained disseminated pyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Pb	Zn	Other	
Geochemical								
Assay								

WR

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97303	G. ALLEN	QUARRY ON ROAD TO DORLON SHAFT 10+30W, 1+80S	MAY 2

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELSIC TO INTERMEDIATE QUARTZ-FELDSPAR PORPHYRY

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Coarse-grained quartz-feldspar porphyry with a light grey-grey fine-grained groundmass and:

15-20% 1-5 mm rounded quartz eyes

15-20% 2-6 mm stubby white subhedral feldspar crystals

15-20% " green

<5% hornblende

The rock contains abundant rounded, dark, fine-grained inclusions

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: HOLBERG ROAD NEAR HPH SHAFT SHOWING	DATE COLLECTED:
97304	G. ALLEN	45+25W, 0+20S	MAY 3, 1991

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
0.5m WIDE ALTERATION ZONE ADJACENT DYKE

ROCK NAME: LIMESTONE / INTRUSIVE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium brownish to greenish - grey fine - grained crystalline material developed along a limestone / felsic dyke contact the rock is cut by abundant sparry calcite stringers, contains sporadic fine to coarse - grained red - brown garnets and 5cm x up to 30cm lenses with pyrite, pyrrhotite, black sphalerite and traces of chalcopyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97305	G. ALLEN	As 97304	MAY 3 /91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
5m WIDE (?)

ROCK NAME: FELDSPAR PHYRIC FELSIC DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium grey to greenish-grey very fine-grained cherty (silicified?) felsic dyke with 5% ≤1 mm epidote/chlorite clots (probably altered feldspar phenocrysts. The rock is shattered and sheared. This dyke intrudes limestone and has a 0.5m skarn zone associated (see 97304)

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: EAST WALL HPH SHAFT.	DATE COLLECTED:
97306	G. ALLEN	44+55W, 0+20S	MAY 3/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PORPHYRIC FELSIC INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

mottled medium greenish to brownish-grey fine-grained aphanitic siliceous groundmass with 5-8% ≤ 1mm epidotic subhedral feldspar phenocrysts. Could be similar to 97305. Orientation of dyke unclear. HPH shaft mineralization appears to be skarn-type mineralization developed where this dyke intrudes limestone.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97307	G. ALLEN	ON HOLBEAC ROAD WEST OF MAIN SHAFT 45+50W, 0+00S	

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
3m(+)x4m (+)

ROCK NAME: MAGNETITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Irregular-shaped masses of massive fine-grained black magnetite developed along a limestone-dyke (97305) contact. The magnetite commonly contains up to 15% pinkish-brown garnet, chlorite, epidote and medium-grained pyrite in stringers up to 5mm wide.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: HOLBERG ROAD IMMEDIATELY SOUTH OF NAHWITTI RIVER BRIDGE 42+45W, 0+75N	DATE COLLECTED:
97308	G. ALLEN		MAY 4, 1991

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PHYRIC BASALT FLOW

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dark green fine-grained chloritic groundmass with 15-20% feldspar laths up to 2mm x 1cm and a few 2-3mm stubby feldspar phenocrysts. The lath-shaped phenocrysts are crudely aligned giving the rock a subtrachytic texture. The rock contains sporadically distributed chlorite, amygdules (+actinolite (?)) up to 1cm in diameter. Fine-grained disseminated and fracture-related calcite occurs sporadically. The sample was taken for whole rock analysis to see if it is Karmutsen (check for high Ti

DESCRIPTION BY:

ANALYSES:

	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: 40 m UP ROAD TO HPH PIT.	DATE COLLECTED:
97309	G. ALLEN	48+85W, 0+25S	MAY 4/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: BASALT FLOW

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dark green to greenish-grey fine-grained chloritic groundmass with rare stubby feldspar phenocrysts up to 2 mm in diameter. Abundant clots of chlorite and magnetite may be amygdules. Trace to 2% fine-grained disseminated and fracture-related chalcopyrite. Sample taken primarily to confirm a KARMUTSEN chemistry

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: On road Approx 10m NE of HPH Pit showing	DATE COLLECTED:
97310	G. ALLEN	50+65W, 0+90S	MAY 1/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PHYRIC FELSIC DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium greenish - grey fine-grained crystalline siliceous groundmass with 5% stubby green feldspar phenocrysts up to 2 mm. Traces of pyrite and chalcopyrite. The dyke may be related to steam-type mineralization in the nearby pit.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: SW END HPM PIT 50+95W, 1+00S	DATE COLLECTED:
97311	G-ALLEN		MAY 4, 91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
1m (+) WIDE

ROCK NAME: FELDSPAR PHYRIC FELSIC DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium blue-grey very fine-grained cherty siliceous groundmass with 15-20% white stubby feldspar phenocrysts up to 1mm in diameter. The rock contains 7-8% fine-grained disseminated sulphides: 2-3% @ arsenopyrite and pyrite
1-2% sphalerite
Trace galena, chalcopyrite, pyrrhotite
Dyke cuts limestone possibly at 17°/90°.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: SW END HPH PIT	DATE COLLECTED:
97312	G. ALLEN	50+94W, 1+00S	MAY 4/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE: 0.5-1 m wide along dyke contact

ROCK NAME: ALTERED LIMESTONE (?)

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium blue-grey fine-grained siliceous groundmass (altered limestone? dyke?) with 15-20% @ fine-grained red-brown sphalerite and galena (disseminated and in irregular lenses)

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97313	G. ALLEN	64+35W, 1+00S	MAY 4/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: AMYGDALOIDAL BASALT

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dark green fine-grained chloritic groundmass with 15-20% plagioclase laths up to 1 cm x 2 mm. 15% chloritic amygdules evident on weathered surface. 1-3% fine-grained disseminated and fracture-related pyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: HOLBERG RD FROM PIT AT ~ 63+80W, 0+25N	DATE COLLECTED:
97314	C. ALLEN		MAY 5/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [✓] CHANNEL [ ] (SAMPLE WIDTH 0.5m)

OCCURRENCE SIZE:

ROCK NAME: SHEARED BASALT

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

0.5m wide shear at 77/90 hosted in amygdaloidal feldspar phyric basalt flow. The core of the shear (~5cm) is intensely altered to epidote ± chlorite and contains stringers and lenses of chalcopyrite upto 5mm wide.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: HOLBERG RD; 69+50 W, 1+00 N	DATE COLLECTED:
97315	G. ALLEN		MAY 5/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE: 5cm wide shear

ROCK NAME: SHEARED BASALT

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Sheared massive fine-grained basalt. 5 cm wide shear at 82/85 SE with a 1cm x 15cm lens of medium-grained pyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: HOLBERG RD.	DATE COLLECTED:
97316	G. ALLEN	~70+20W, 1+05N	MAY 5/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [✓] CHANNEL [ ] (SAMPLE WIDTH 2 m)

OCCURRENCE SIZE: 2 m wide shear zone

ROCK NAME: SHEARED BASALT

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Discontinuous chip across ~2 m of limonitic gougy sheared basalt. No visible sulphides

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: HOLBERG RD.	DATE COLLECTED:
97317	G. ALLEN	83+15 W, 0+30S	MAY 5/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: ALTERED BASALT ?

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Pale grey, buff and pink intensely clay altered basalt? The rock may be from an ~~at~~ altered fault zone. The pink mineral is probably rhodocrosite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: HOLBERG PROP.	DATE COLLECTED:
97318	G. ALLEN	85+46W, 0+15S	MAY 5/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PORPHYRIC BASALT OR MAFIC INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dark green fine-grained equigranular aggregate of feldspar and chloritic mafic minerals with traces of disseminated and fracture-related chalcopyrite.

DESCRIPTION BY: GA

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: HILDEBRAND RD;	DATE COLLECTED:
97319	G. ALLEN	88+05W, 0+20S	MAY 5/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: DIORITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Fresh fine to medium - grained aggregate of 25% hornblende and 70% feldspar. Trace disseminated pyrite and chalcopyrite. Moderately magnetic. Island intrusion.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97320	G. ALLEN	83+45W, 1+55S	MAY 6/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [✓] CHANNEL [ ] (SAMPLE WIDTH ~2m)

OCCURRENCE SIZE:
2m WIDE SHEAR ZONE

ROCK NAME: SHEARED BASIC INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Sheared dark green chloritic basic intrusive. The shear zone contains quartz-carbonate-zeolite stringers up to 1cm wide and gouge zone up to 5cm wide. Traces of pyrite. Shear at 32/59NW.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97321	G. ALLEN	83+47W, 1+50S	MAY 6/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: MAFIC INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dioritic / gabbroic intrusive with ~20% feldspar phenocrysts and clusters of phenocrysts up to 4 mm in diameter giving the rock a typical Kennuton glomerophyric texture.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97322	G. ALLEN	83+80W, 4+75S	MAY 6/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: ALTERED CARBONATE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Pale to medium greenish-grey fine-grained altered Quaternaire limestone (?) with 3% fine-grained disseminated black sphalerite. Sporadic canary yellow gummite stain.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97323	G. ALLEN	83+80W, 4+90S	MAY 6/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: ALTERED LIMESTONE (?), PARSON BAY SEDIMENTS (?)

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Mottled muddy brown to pale greenish-grey to pink altered calcareous sediment (?) Abundant black manganese stain suggests that pink hue is due to a manganese mineral (rhodocrosite?). Sample was taken from within a major fault zone.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97324	G. ALLEN	83+70W, 4+75S	MAY 6/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
5m (+) wide

ROCK NAME: ALTERED CARBONATE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Pale buff to greenish - grey fine - grained carbonate with 2-3% fine - grained disseminated dark sphalerite. Coarse - grained sphalerite and galena occur in coarsely crystalline calcite stringers. The rock has strong manganese staining and sporadic greenschist staining. This outcrop is probably the source for the material in 97322.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97325	G. ALLEN	B3+60W, 4+70 S	MAY 6/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PHYRIC FELSIC DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Pale grunish - grey fine - grained crystalline groundmass with 10-15% ≤1 mm feldspar phenocrysts and 1-2% @ pyrite and pyrrhotite. T- ~~rare~~ chalcopyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97326	G. ALLEN	83+80W, 4+70S	MAY C

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
5m (+) WIDE ZONE

ROCK NAME: EPIDOTE - RHODOCROSITE ALTERED CARBONATE.

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Mottled green pink and white altered carbonate within a major fault zone. The rock is composed of fine-grained epidote, rhodocrosite, quartz and calcite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97327	G. ALLEN	ZINC CREEK; 85+05W, 2+20S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
5m (+) WIDE ZONE

ROCK NAME: ALTERED CARBONATE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Light greenish-grey to dark grey to buff-coloured fine-grained altered carbonate with sporadic 3-15% fine to medium-grained greenish to amber sphalerite in stringers and disseminated. Trace fine-grained galena. Sporadic yellow greenockite staining. The rock weathers black with strong manganese staining. Possibly the 'ZINC CREEK SHOWING.'

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: ZINC CREEK;	DATE COLLECTED:
97328	G. ALLEN	84+95W, 2+30S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: ALTERED CARBONATE - SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Black manganese stained altered limestone with 15-20% fine-grained red-brown garnet (?) and traces of sphalerite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: ZINC CREEK;	DATE COLLECTED:
97329	G. ALLEN	85+25W, 3+05S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
5m (+) WIDE

ROCK NAME: ALTERED CARBONATE / SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Black manganese oxide coating on weathered surface. Altered carbonate with 50% (+) red-brown garnet and a similar coloured prismatic mineral (diopside?). Trace disseminated sphalerite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: ZINC CREEK	DATE COLLECTED:
97330	G-ALLEN	85+40 W, 3+95 S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
2-3 m WIDE

ROCK NAME: BRECCIATED SILTSTONE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Orange-brown massive siliceous siltstone and chalcedony siltstone at base of Parson Bay Formation. The rock is weakly brecciated and filled with drusy quartz and opal.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: ZINC CREEK;	DATE COLLECTED:
97331	G. ALLEN	84+90 W, 2+40 S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELSIC DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

medium blue-grey fine-grained siliceous groundmass with 15%, 1-2 mm vague light-grey feldspar phenocrysts. 1-2% pyrite. This dyke appears to be contacting the limestone near 97328, and may be responsible for the mineralization.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97332	G. ALLEN	OLD ROAD; 85+80W, 2+00S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
3m (+) wide

ROCK NAME: RHODOCROSITE - QUARTZ ALTERED FELSIC DYKE.

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Quartz + rhodonite stringers and lenses in a brecciated altered felsic dyke below a major shallow-dipping fault at 67/43 NW. Rhodocrosite showing up in several north-dipping fault zones

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97333	C. ALLEN	SAVE ROAD; 90+45W, 2+60S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: INTERMEDIATE TO FELSIC DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium grey fine-grained crystalline intrusive with 15% 1-2 mm feldspar phenocrysts and 2-3% @ fine-grained disseminated pyrite and pyrrhotite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97334	G. ALLEN	89+35 W, 6+60 S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: INTERMEDIATE FELDSPAR PHYRIC INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

20-25% 3-5mm stubby white plagioclase phenocrysts in a fine-grained crystalline groundmass of feldspar and a mafic mineral (chlorite-epidote altered biotite?). Colour index ~10. Probably dyke intrusion.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97335	G. ALLEN	87+30W, 7+80S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
10m (+) WIDE

ROCK NAME: SILICEOUS SILTSTONE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Thinly bedded light grey to brownish - grey dusty siltstone with 1-2% fine-grained disseminated pyrite. Some beds / bands of fine-grained epidote. Parson Bay Formation. Sample taken from near contact with intrusive 97334.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97336	G. ALLEN	87+25W, 7+60S	MAY 7/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PHYRIC FELSIC INTRUSIVE (DYKE)

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium blue-grey fine-grained siliceous groundmass with 15% 1-2 mm feldspar phenocrysts and 5-7% fine-grained disseminated pyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97337	C. ALLEN	B6+25W, 7+60S	MAY 9/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: INTERMEDIATE (?) DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium grained grey to light grey fine-grained crystalline intrusive with 5-15% fine-grained mafic minerals and 10% 1-2 mm chloritic clots (mafic phenocrysts?) largely replaced by pyrite. 7-8% fine-grained pyrite overall.

DESCRIPTION BY: CA

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97338	G. ALLEN	85+30W, 7+45S	MAY 9/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PHYRIC INTERMEDIATE (?) DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium grained - crystalline fine - grained, assemblage of feldspar and mafic minerals (CI ~ 10-15), with 15-20% <1 - 2mm subhedral feldspar phenocrysts. 5-8% fine - grained disseminated pyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97339	G. ALLEN	84+90W, 8+00S	MAY 9/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: CHERTY SILTSTONE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Light to medium grey thinly laminated to thinly bedded cherty siltstone of the Parsons Bay Formation near a pyritic dyke (9733S). 3-5% disseminated and fracture-controlled pyrite.

DESCRIPTION BY: GA.

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97340	G. ALLEN	84+35, 7+95S	MAY 9, 1991

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PHYRIC INTERMEDIATE TO FELSIC DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium blue-grey fine-grained crystalline aggregate of feldspar and mafic mineral (≤10%) with 10-15% ≤1mm stubby subhedral feldspar phenocrysts. 3-8% fine-grained disseminated pyrite.

DESCRIPTION BY: CA

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97341	G. ALLEN	82+20W, 8+75S	MAY 9/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PHYRIC INTERMEDIATE DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium blue-grey fine-grained crystalline with 10-15% mafic mineral (most apparent on weathered surface) and 15% <1-2mm stubby subhedral feldspar phenocrysts. 5-8% fine-grained disseminated pyrite.

DESCRIPTION BY: GA

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97342	G. ALLEN	86+30W, 6+40S	MAY 9/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
20 cm^3 BOULDER

ROCK NAME: PYRITE - MAGNETITE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

light greenish - grey fine - grained chlorite and diopside (?) with rare radiating clusters of crystals up to 2 cm. in diameter, mixed with irregular patches of fine - grained epidote in rough bands (remnant bedding?). 10% pyrite, 15-20% fine - grained pyrrhotite and 10-15% magnetite. Source unknown.

DESCRIPTION BY: GA

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97343	G. ALLEN	CREEK; 79+45W, 2+00S	MAY 11/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
50-70 cm WIDE HORIZON

ROCK NAME: AMYGDALOIDAL BASALT.

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

The top 5m of the Kaminiskeen basalt is strongly epidote altered below the Quaternary Formation limestone. Within 50-70 cm of the contact the basalt contains 15% pyrite, and traces of chalcopyrite disseminated and replacing (?) epidote-garnet amygdules.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CREEK	DATE COLLECTED:
97344	G. ALLEN	79+45W, 2+00S	MAY 11/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
5cm WIDE BED

ROCK NAME: SILTSTONE (ASH TUFF ?)

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

A 5cm wide bed of cherty siltstone or possibly ash tuff occurs at the Kaminiskeg Formation basalt - Quatenia Formation limestone contact. Within the bed are 1-2mm laminations of fine-grained quartz (~5-7% overall) which could be sedimentary in origin.

DESCRIPTION BY: GA

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
97345	G. ALLEN	CREEK; 79+35W, 2+25S	MAY 11/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
10 cm WIDE BED

ROCK NAME: SILTSTONE OR ASH TUFF

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

A 10cm wide bed of siltstone or ash tuff with 25% fine-grained disseminated and banded pyrite occurs 7-8m above the Kennurton Formation basalt - Quatrino Formation limestone contact within limestone. Possibly exhalative.

DESCRIPTION BY: GA.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CREEK;	DATE COLLECTED:
97346	G. ALLEN	79+35W, 2+20S	MAY 11

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
20-30 cm WIDE HORIZON

ROCK NAME: PYRITIC LIMESTONE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

20-30% fine-grained pyrite in nods up to 1 cm x 3 cm and as 1-2 mm rims around clear medium grained spary calcite, within massive blue-grey limestone. The horizon occurs 4-5 m above the Kamuteen Formation basalt - Quatsino Formation limestone contact

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CREEK;	DATE COLLECTED:
97347	G. ALLEN	78+95W, 6+40S	MAY 11/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH)

OCCURRENCE SIZE:
20cm WIDE PODS

ROCK NAME: PYRITE LENSES IN PARSON BAY SILTSTONE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

20cm wide pods of pyrite (15% to massive) are developed along the footwall contact of a siliceous feldspar phyric dyke intruding Parson Bay siliceous siltstone. Bedding in the host siltstone is contorted parallel to the intrusive margin

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CREEK;	DATE COLLECTED:
97348	G. ALLEN	79+00W, 6+50S	MAY 11/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELDSPAR PHYRIC FELSIC(?) DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Light grey to greenish - grey fine - grained groundmass with 10 - 15% white stubby feldspar phenocryts (≤1mm) and 1 - 5% fine to medium - grained disseminated pyrite.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CREEK;	DATE COLLECTED:
97349	G. ALLEN	79+30 W, 7+95 S	MAY 11/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
40 cm WIDE HORIZON

ROCK NAME: MASSIVE SULPHIDE POD

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)
Bed of Parson Bay siliceous siltstone adjacent a 2-3 m wide aphetic dyke. The sediment has been replaced by up to 70% pyrrhotite, 20-30% pyrite and traces of chalcopyrite (?).

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CREEK;	DATE COLLECTED:
97350	G. ALLEN	79+50W, 8+50S	MAY 11/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: INTERMEDIATE, CRYSTAL TUFF (?) (INTRUSIVE ?)

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dark greenish-grey fine-grained groundmass with 15-20% feldspar crystal fragments up to 0.5mm and 5-10% mafic crystal fragments. In places the rock has an intrusive texture but is inhomogeneous. Probably Bonanza Group crystal tuff.

DESCRIPTION BY: CF.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5056	G. ALLEN	75+50 W, 6+25S	MAY 12/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: LAPILLI TUFF

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Mottled medium greenish to maroonish - grey fine - grained groundmass with light grey, rounded, indistinctly bounded feldspar phyric lithic fragments up to 1 cm in diameter. 2-5% fine - grained disseminated pyrite. Probably Barrams Group volcaniclastic.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5057	G. ALLEN	75+40W, 6+25S	MAY 12/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
20cm (+) LENS

ROCK NAME: MASSIVE SULPHIDES IN LAPILLI TUFF

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

chloritic lens in Bonanza Group volcaniclastics (as 5056) with 30-40% @ pyrite and pyrrhotite and 2-3% chalcopyrite. Could be near source for float sample 5059.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5058	G. ALLEN	75+25W, 6+10S	MAY 12/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: SKARN, VOLCANICLASTIC

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium greenish-grey fine-grained aggregate of epidote + feldspar (altered Burnaga Group tuff ?) with 15% fine-grained disseminated pyrite.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5059	G. ALLEN	76+00W, 6+00S	MAY 12/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE: 30 cm^3

ROCK NAME: SKARN, MASSIVE SULPHIDE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

60-70% massive fine-grained pyrrhotite, 5-8% very fine-grained chalcopyrite stringers, up to 2mm wide, cutting the pyrrhotite and 15-20% 1-2mm, individual dodecahedral greenish garnets.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: 'DORLON SHAFT' SHOWING. 7+20W, 0+50S	DATE COLLECTED:
5060	G. ALLEN		MAY 14/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: FELSIC(?) DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium greenish-grey very fine-grained crystalline almost cherty felsic dyke intruding limestone. The 'Dorlon shaft' showing of massive pyrrhotite, sphalerite ± chalcopyrite occurs adjacent this 2-3m wide dyke.

DESCRIPTION BY: G A

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

Cameco PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: 'DIALOW NOSE' SHOWING. 1846W. 0+20S	DATE COLLECTED:
5061	C. ALLEN		MAY 14

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
2 m WIDE

ROCK NAME: FELDSPAR PHYRIC INTERMEDIATE (?) DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dark brown fine to medium - grained feldspar phyric (~1mm, 15-20%) and mafic phyric (5-10% chloritic clots) dyke or sill. The so-called 'nose' showing consists of massive black aphanite around the end of a boudinaged part of this dyke.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

GAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: 26+20W, 1+40 S	DATE COLLECTED:
5062	C. ALLEN		MAY 14/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: GRANODIORITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium - grained equigranular aggregate of white to grey feldspar, 15% biotite and 10% hornblende. The rock is fresh, weakly magnetic and contains traces of pyrite. Mineralization in the Mud Creek and contact creek areas occurs adjacent to similar rock

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CR.;	DATE COLLECTED:
5063	G. ALLEN	89+30W, 0+30S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: DIORITE (GABBRO?)

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Dark greenish-grey fine-grained crystalline equigranular aggregate of feldspar and hornblende. Rock could be a relatively mafic phase of the felsic intrusions or a fine-grained crystalline equivalent of basalt seen along strike. 20% stubby greenish-grey plagioclase phenocrysts up to 2 mm long and 20% hornblende.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK,	DATE COLLECTED:
5064	G. ALLEN	89+35 W, 0+75 S	MAY 15, 1991

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

mottled greenish to brownish-grey fine-grained aggregate of red-brown garnet, epidote and diopside (blue-grey) with 15% pyrite in rounded masses up to 5mm in diameter (recrystallized calcite?) and traces of dark grey fine-grained sphalerite.

DESCRIPTION BY: CA

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5065	G. ALLEN	89+30W, 1+00S	

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: DIOPSIDE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

One of many large boulders of orange-brown weathering composed primarily of pinkish to greenish-grey fine to coarse-grained diopside occurring in clusters of radiating crystals up to 1 cm long. 7-8% fine-grained disseminated and lines pyrite and 5-7% fine-grained disseminated sphalerite. New source.

DESCRIPTION BY: CA.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5066	G. ALLEN	89+30W, 1+00S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: EPIDOTE - SULPHIDE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium grained - to blueish grey to dark green fine-grained aggregate of epidote and diopside (plus ?) with bands of massive sulphides up to 2 cm wide (15-20% overall). Sulphide bands are composed of 50% pyrite and 5-10% Chalcopyrite in a skarn host.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK;	DATE COLLECTED:
5067	G. ALLEN	B9+25W, 1+70S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
2-5 cm WIDE SHEAR ZONE

ROCK NAME: PYRITIC SHEARED MARBLE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Shears up to 5 cm wide cutting white marble at 14/70 SE. The shears contain 20-50% pyrite in lenses up to 5 cm in diameter.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK;	DATE COLLECTED:
5068	G. ALLEN	89+20W, 1+75S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: INTERMEDIATE FELDSPAR PORPHYRITIC INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium bluish - grey fine - grained dusty siliceous groundmass with 15 - 20% subhedral stubby epidotized feldspar phenocrysts up to 2 mm in diameter and 5% ≤1mm hornblende laths or needles. Spacially related to sulphide - bearing seam (5070 - 5074).

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5069	C. ALLEN	89+22W, 1+85S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: GRANODIORITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Fine to medium - grained equigranular crystalline aggregate of feldspar (70% +) and hornblende (20-25%). Quite fresh in appearance although the rock is altered to a pink colour in an adjacent outcrop.

DESCRIPTION BY: CA

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

ATMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK	DATE COLLECTED:
5070	C. ALLEN	89+15W, 1+70S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER ____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [✓] CHANNEL [ ] (SAMPLE WIDTH 2 m, north-south)

OCCURRENCE SIZE:

ROCK NAME: SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Altered carbonate with inhomogeneous texture:
- medium greenish to bluish-grey fine-grained aphanitic material with 20% greenish-brown garnets (+epidote?), 5% fine-grained disseminated sphalerite and strong manganese stain.
- brecciated skarn with disseminated sphalerite, galena and chalcopyrite, and rare sulphide fragments.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK	DATE COLLECTED:
5071	G. ALLEN	89+15 W, 1+75 S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [ ] CHIP [✓] CHANNEL [ ] (SAMPLE WIDTH 0.6 m)

OCCURRENCE SIZE:

ROCK NAME: MASSIVE SULPHIDE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

sulphide - rich lens on the margin of the dyke sampled in 5068. Intermixed and in places interbanded chalcopyrite (30%) and sphalerite (15%) in a fine-grained groundmass of epidote, garnet and pale greenish-grey radiating diopside crystals. Non magnetic.

DESCRIPTION BY: CJ

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CR.;	DATE COLLECTED:
5072	G. ALLEN	79+10W, 1+75S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
20 cm WIDE LENS

ROCK NAME: MASSIVE SULPHIDE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)
Lens of ~40-50% fine to coarse-grained (up to 5mm crystals) crystalline pyrite and 5% fine-grained sphalerite in a groundmass of fine-grained epidote and diopside

DESCRIPTION BY: CA

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK	DATE COLLECTED:
5073	G. ALLEN	89+15W, 1+70S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: SKARN BRECCIA

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Mottled greenish to brownish - grey fine-grained aggregate of garnet, epidote and diopside with 5% ~1-2 mm lenses of black aphanitic and 15% light-coloured angular fragments up to 1 cm in diameter, composed of epidote (?) and aphanitic white material.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK,	DATE COLLECTED:
5074	G. ALLEN	89+10W, 2+00S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: GRANODIORITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Fine to medium - grained equigranular crystalline aggregate of 75% feldspar and ~25% hornblende. Trace pyrite. Rock is similar to the intrusive adjacent the Mead creek showing.

DESCRIPTION BY: G.A.

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CR.;	DATE COLLECTED:
5075	G. ALLEN	88+92 W, 1+95 S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: CARNEITE (?) SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Pale muddy brown fine-grained crystalline mineral with 5% epidote, traces of chalcopyrite and 5-8% light pinkish material in 1-2 mm stringers (rhodochrosite ?)

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK	DATE COLLECTED:
5076	G. ALLEN	89+92 W, 1+95 S	MAY 15/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
2-5 cm WIDE HORIZON

ROCK NAME: MASSIVE SULPHIDES

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

50% pyrite and 0-15% chalcopyrite in a groundmass of fine-grained diopside and garnet. This horizon occurs at the base of a limestone unit.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5077	G. ALLEN	CONTACT CREEK 89+00W, 2+00S	MAY 15

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE: DISCONTINUOUS CHIP
GRAB [ ] CHIP [✓] CHANNEL [ ] (SAMPLE WIDTH 3m)

OCCURRENCE SIZE:

ROCK NAME: GARNET, EPIDOTE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Fine-grained crystalline aggregate of pale brownish-grey garnet, epidote & calcite with up to 5% fine-grained dark grey-brown disseminated sphalerite. The zone roughly parallels bedding but is discontinuous and has irregular lobes.

DESCRIPTION BY: GA

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK	DATE COLLECTED:
507B	G. ALLEN	89+00W, 2+10S	MAY 16/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE: DISCONTINUOUS CHIP
GRAB [ ] CHIP [✓] CHANNEL [ ] (SAMPLE WIDTH 5m - North south)

OCCURRENCE SIZE:

ROCK NAME: SKARN BRECCIA

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Discontinuous chip (somewhat more selective than a true chip sample) sample of a stained mixture of skarn (garnet, pidote), limestone and basalt with pods of massive, coarse-grained pyrite ± sphalerite (up to 30% each) in lenses up to 30cm in diameter.

DESCRIPTION BY: GA.

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: CONTACT CREEK	DATE COLLECTED:
5079	G. ALLEN	89+00W, 2+40S	MAY 16/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
40 cm x 50 cm x ?

ROCK NAME: MASSIVE SULPHIDE POD

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)
60% pyrite (and/or pyrrhotite) and 10% each of chalcopyrite and magnetite with 10% fine-grained garnet (epidote?) in an isolated pod within skarny altered limestone.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5080	G. ALLEN	86+00W, 3+70S	MAY 16/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: EPIDOTE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Fine-grained epidote cut by abundant 1-2 mm quartz stringers. 1-2% pyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5081	G. ALLEN	51+87W, 5+35S	MAY 17/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: INTERMEDIATE FELDSPAR PHYRIC INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Mottled dark grey to brownish-grey fine-grained intrusive with 25% 2-4mm stubby dark green feldspar phenocrysts.

DESCRIPTION BY: CA

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5082	G. ALLEN	CREEK, 30+50W, 2+60S	MAY 18/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: GRANODIORITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium-grained equigranular crystalline aggregate of 75% blue-grey feldspar, 20% hornblende and 5% biotite. Very fresh in appearance. Weakly magnetic.

DESCRIPTION BY: GA.

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5083	G. ALLEN	28+50W, 7+00S	MAY 18/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
20 cm WIDE SHEAR

ROCK NAME: SHEARED GRANODIORITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Shear at 54/45 SE hosted in granodiorite. The rock in the shear is a grossamous blue-grey siliceous cherty material with up to 20% fine to medium-grained pyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

HOLBERG PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
[illegible]	[illegible]	[illegible] 4+10S	MAY 19/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: QUARTZ - FELDSPAR PHYRIC FELSIC DYKE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium grey brown aphanitic groundmass hosting 20-25% 1-5 mm stubby subhedral grunish-grey feldspar phenocrysts and 10-15% 1-3 mm rounded quartz eyes. 5% fine-grained disseminated pyrite and pyrrhotite

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
C 115	G. ALLEN	CLIFF FACE, 22.20W, 1+07 S	MAY 19/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: GRANODIORITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium - grained equigranular granodiorite with 75% feldspar and 20% (+) hornblende. The intrusive is probably a sill lying parallel to bedding in the host Parson Bay Formation siltstone.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5086	G. ALLEN	22+27 W, 0+57 S	MAY 19/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: CHERTY SILTSTONE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Mottled pinkish to purplish grey to dark green cherty siltstone with 5% disseminated pyrhotite and traces of fracture-controlled sphalerite and chalcopyrite. Material probably comes from just above the granodiorite (5095) contact.

DESCRIPTION BY: GA

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5067	G. ALLEN	22+20 W, 1+12 S	MAY 19/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

light greenish - grey fine - grained altered limestone bed within Parson Bay Formation sediments. The rock appears to be composed of fine - grained crystalline marble with epidote and up to 5% fine - grained disseminated black sphalerite. Source probably from immediately above granodiorite contact.

DESCRIPTION BY: CA

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5099	G ALLEN	22+65W, 0+40S	MAY 19/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: SKARN - SILTSTONE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Mottled dark green to light grey dusty siltstone with up to 5% chalcopyrite, 10% black fine-grained sphalerite and 7-8% pyrite in irregular masses up to 2mm in diameter. The sample was collected from talus below a cliff face of Parson Bay sediments intruded by granodiorite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5189	G. ALLEN	72+45W, 7+20S	MAY 22/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: BONANZA FELDSPAR CRYSTAL TUFF

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium greenish to bluish - grey feldspar crystal tuff. 15-20% rounded <1-2 mm feldspar crystal fragments in a fine-grained greenish-grey groundmass. Some parts contain obvious lithic fragments up to 5 mm in diameter. 7-8% fine-grained disseminated pyrhotite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5003	G. ALLEN	93+05W, 3+25S	MAY 23/91

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Light greenish - grey fine - grained aggregate of epidote and diopside(?) with strong manganese staining.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5091	G. ALLEN	93+10W, 3+35S	MAY 23/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
2 m (+) HORIZON

ROCK NAME: DIOPSIDE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium blueish - grey skarn composed predominantly of diopside in radiating crystals up to 1 cm long. 3-5% disseminated black sphalerite interstitial to the diopside crystals. The rock has a strong manganese stain with sporadic patches of canary yellow grossularite. The unit occurs near the base of the Parson Bay Formation within calcareous altered limestone (?). Possibly the 'Monzonite Creek' showing.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5092		93+10W, 3+345	MAY 23/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
2m (+) HORIZON

ROCK NAME: EPIDOTE DIOPSIDE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Sample from base of horizon sampled with 5091. Sheared, brecciated medium blueish-green fine-grained aggregate of epidote and diopside with: 5% pyrite and 1% @ chalcopyrite and sphalerite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5093	G. ALLEN	93+10W, 3+34S	MAY 23

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
15 cm POD

ROCK NAME: MASSIVE PYRITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium - grained pyrite in cubes up to 3 mm in diameter with rare blebs of Chalcopyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5091		93+15W, 3+30S	MAY 23/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
2m (+) HORIZON

ROCK NAME:

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

The mineralized horizon appears to be flat-lying and over 2m thick. The rock is composed of a fine-grained epidote-rich shear zone hosting 50% (+) coarse-grained massive pyrite pods up to 20cm x 50cm x ? and 5-8% magnetite in masses up to 2cm x 5cm x ?.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5095	C. ALLEN	93+80W, 3+20S	MAY 23/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
1m (+) THICK HORIZON

ROCK NAME: EPIDOTE DIOPSIDE SULPHIDE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Extremely aggressive - weathering crudely bedded (jointed?: 155/60 SW) skarn composed of fine-grained epidote, diopside and chlorite with up to 30% each of coarse-grained pyrite and magnetite in bands up to 10 cm thick. This unit appears to be in conformable contact with host blue-grey limestone.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5096	G. ALLEN	24+60W, 9+60N	MAY 25/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: BASALT

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

medium to dark greenish-grey fine-grained equigranular (to slightly porphyritic) aggregate of feldspar and hornblende (CI - 15-20%). The rock appears to be a massive basalt flow with amygdaloidal basalt occuring within a few 10's of metres to the north and south.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5097	G. ALLEN	25+70W, 10+40N	MAY 25/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:

ROCK NAME: AMYGDALOIDAL BASALT

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium to dark bluish to greenish-grey fine-grained cryptalline aggregate of feldspar and hornblende with 15%. 1-5mm irregular amygdules of epidote rimmed by chlorite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION: ON ROAD NORTH OF NAHWITTI RIVER OFF CLAIM BLOCK, AT APPROX. 60+00W	DATE COLLECTED:
5098	G. ALLEN		MAY 25/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
4 m WIDE SILL

ROCK NAME: HORNBLENDE PHYRIC INTERMEDIATE INTRUSIVE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

Medium blue-grey fine-grained groundmass with 15% laths of hornblende up to 1 cm long (average 2-4 mm) and < 5% anhedral studby 1-2 mm feldspar phenocrysts. The rock appears to be a sill within fissile fossiliferous (pelecypods) shale. This shale could be Cretaceous and therefore the intrusive may be Eocene (cotface Intrusions).

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5099	G. ALLEN	60+00W, 8+05S	MAY 26

MATERIAL SAMPLED:
ROCK - OUTCROP [ ] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [✓]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
30-40 cm diameter boulder

ROCK NAME: MAGNETITE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

50% magnetite, 30-40% pinkish-brown mineral (garnet?, apatite?) and 10% coarse-grained pyrite. The boulder is probably float-rock from a trench a few metres to the north (5100-5102).

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5100	G. ALLEN	60+20W, 7+75S	MAY 26/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE: 10 cm wide shear within 3 m (+) x 3 m (+) exposure of magnetite and pyrite

ROCK NAME: MAGNETITE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)

50% pyrite in sheared magnetite. Shear at about 60/75 NW.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu			Other	
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5101	G. ALLEN	60+20W, 7+75S	MAY 26/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
3m (+) x 3m (+) EXPOSURE

ROCK NAME: MAGNETITE SKARN

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)
Massive fine-grained crystalline magnetite with 10-15% disseminated coarse-grained pyrite.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

CAMECO PROJECT ( ) : ROCK SAMPLE DESCRIPTION

SAMPLE NO.:	TRAVERSE NO. AND/OR COLLECTOR:	LOCATION:	DATE COLLECTED:
5102	G. ALLEN	60+20W, 7+75S	MAY 26/91

MATERIAL SAMPLED:
ROCK - OUTCROP [✓] SILT [ ] SOIL [ ] OTHER _____
- FLOAT [ ]

ROCK SAMPLE TYPE:
GRAB [✓] CHIP [ ] CHANNEL [ ] (SAMPLE WIDTH _____)

OCCURRENCE SIZE:
10 cm WIDE SHEAR

ROCK NAME: SHEARED MAGNETITE

SAMPLE DESCRIPTION: (If Rock, Include Colour, Texture, Rock Forming Minerals, Mineralization, and Etc.)
As 5100.

DESCRIPTION BY:

ANALYSES:	Au	Ag	As	Cu	Other			
Geochemical								
Assay								

APPENDIX C

GEOPHYSICAL SURVEY INSTRUMENTATION

OMNI-PLUS MAGNETOMETER/VLF SPECIFICATIONS

Dynamic Range	18,000 to 110,000 gammas. Roll over display feature suppresses first significant digit upon exceeding 100,000 gammas.
Tuning Method	Tuning value is calculated accurately utilizing a specially developed tuning algorithm
Automatic Fine Tuning	+ 15% relative to ambient field strength of last stored value
Display Resolution	0.1 gamma
Processing Sensitivity	+ 0.02 gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	+ 1 gamma at 50,000 gammas at 23°C + 2 gamma over total temperature range
Standard Memory Capacity	
Total Field or Gradient ..	1,200 data blocks or sets or readings
Tie-Line Points	100 data blocks or sets or readings
Base Station	5,000 data blocks or sets or readings
Display	Custom-designed, ruggedized liquid crystal display with an operating temp. range from -40°C to +55°C. The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors.
RS 232 Serial 1/0 interface	2400 baud, 8 data bits, 2 stop bits, no parity

CAMECO PROJECT

GEOLOGY LEGEND

CRETACEOUS (?)

6

JURASSIC

ISLAND INTRUSIONS

5

LOWER JURASSIC

BONANZA GROUP

4

UPPER TRIASSIC

VANCOUVER GROUP

3 PARSON BAY FORMATION

2 QUATSINO FORMATION

1 KARMUTSEN FORMATION

Note: To add lithologic descriptions to a rock of a particular age, Group, or Formation, enter number and letter descriptions after a dash. If the age, Group, or Formation of the rock is uncertain, entre a "?"and describe the lithology as usual.

LITHOLOGY LEGEND

8 FELSIC INTRUSIONS

7 INTERMEDIATE INTRUSIONS

6 MAFIC INTRUSIONS

5 CLASTIC SEDIMENTS

4 LIMESTONE

3 FELSIC VOLCANICS

2 INTERMEDIATE VOLCANICS

1 MAFIC VOLCANICS

ROCK UNIT LETTER QUALIFIERS

The first letter indicates the type of rock; if omitted a dash should be inserted befor additional letters are used.

- A TUFF
- B LAPILLI TUFF
- C TUFF BRECCIA
- D MASSIVE FLOW
- E PILLOWED FLOW
- F FLOW BRECCIA
- G PILLOW BRECCIA
- H ARGILLITE
- I SILTSTONE
- J WACKE
- K CONGLOMERATE
- L CHERT
- M TUFFACEOUS SEDIMENT
- N FINE-GRAINED
- O MEDIUM-GRAINED
- P COARSE-GRAINED

The second and third letters are placed in alphabetical order; they are optional and further define the rock.

- A QUARTZ PHYRIC
- B FELDSPAR PHYRIC
- C QUARTZ-FELDSPAR PHYRIC
- D MAFIC PHYRIC
- E MAFIC-FELDSPAR PHYRIC
- F AMYGDALOIDAL
- G SPHERULITIC
- H VARIOLITIC
- I LEUCOCRATIC
- J MELANOCRATIC
- K BEDDED
- L FOSSILIFEROUS
- M CHLORITIC
- N GRAPHITIC
- O CALCAREOUS
- P ARGILLACEOUS
- Q SILICEOUS/CHERTY
- R SHEARED
- S MASSIVE
- T SILICIFIED/BLEACHED
- U MAGNETITE-CHLORITE
- V SKARN

MINERALIZATION

- AZ AZURITE
- BO BORNITE
- CP CHALCOPYRITE
- EP EPIDOTE
- GL GALENA
- GO GEOTHITE
- HM HEMATITE
- LI LIMONITE
- MG MAGNETITE
- MC MALACHITE
- MN MANGANESE STAIN
- MO MOLYBDENITE
- PY PYRITE
- PO PYRRHOTITE
- SL SPHALERITE
- ZE ZEOLITE

Examples:

1-1DBF Karmutsen Formation; feldspar phyric amygdaloidal massive mafic flow.

7-5HL Age or Formation uncertain; Fossiliferous argillite

3-5MKT Parson Bay Formation; ?.bicalinol/bleached bedded tuffaceous sediment.

SYMBOLS LEGEND

- Bedding
- Shear, Fault
- Joint
- Rock Sample Location - Bedrock / Rock Sample Location - Float
- Surveyed Point on Grid
- Point on Grid Surveyed with Hipchain & Compass
- Geodetic Survey Pin
- Fault
- Geological Contact
- Field Note Location
- Hand Specimen Location

Kains Creek

Nahwitti River

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,270

Cameco CORPORATION

HOLBERG INLET PROJECT

GEOLOGY

EAST MAP 6a

Geology By: G. Allen, D. Melrose	Dwg No.: WG91005B
Drafted By:	
Scale: 1:5,000	
N.T.S.:	
Disposition(s):	

0 100 200 300 400 500m

MAY '91

CAMECO PROJECT

GEOLOGY LEGEND

CRETACEOUS (?)

6

JURASSIC

ISLAND INTRUSIONS

5

LOWER JURASSIC

BONANZA GROUP

4

UPPER TRIASSIC

VANCOUVER GROUP

3 PARSON BAY FORMATION

2 QUATSINO FORMATION

1 KARMUTSEN FORMATION

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LITHOLOGY LEGEND

8 FELSIC INTRUSIONS

7 INTERMEDIATE INTRUSIONS

6 MAFIC INTRUSIONS

5 CLASTIC SEDIMENTS

4 LIMESTONE

3 FELSIC VOLCANICS

2 INTERMEDIATE VOLCANICS

1 MAFIC VOLCANICS

ROCK UNIT LETTER QUALIFIERS

The first letter indicates the type of rock; if omitted a dash should be inserted befor additional letters are used.

- A TUFF
- B LAPILLI TUFF
- C TUFF BRECCIA
- D MASSIVE FLOW
- E PILLOWED FLOW
- F FLOW BRECCIA
- G PILLOW BRECCIA
- H ARGILLITE
- I SILTSTONE
- J WACKE
- K CONGLOMERATE
- L CHERT
- M TUFFACEOUS SEDIMENT
- N FINE-GRAINED
- O MEDIUM-GRAINED
- P COARSE-GRAINED

The second and third letters are placed in alphabetical order; they are optional and further define the rock.

- A QUARTZ PHYRIC
- B FELDSPAR PHYRIC
- C QUARTZ-FELDSPAR PHYRIC
- D MAFIC PHYRIC
- E MAFIC-FELDSPAR PHYRIC
- F AMYGDALOIDAL
- G SPHEROLITIC
- H VARIOLITIC
- I LEUCOCRATIC
- J MELANOCRATIC
- K BEDDED
- L FOSSILIFEROUS
- M CHLORITIC
- N GRAPHITIC
- O CALCAREOUS
- P ARGILLACEOUS
- Q SILICEOUS/CHERTY
- R SHEARED
- S MASSIVE
- T SILICIFIED/BLEACHED
- U MAGNETITE-CHLORITE
- V SKARN

MINERALIZATION

- AZ AZURITE
- BO BORNITE
- CP CHALCOPYRITE
- EP EPIDOTE
- GL GALENA
- GO GEOTHITE
- HM HEMATITE
- LI LIMONITE
- MG MAGNETITE
- MC MALACHITE
- MN MANGANESE STAIN
- MO MOLYBDENITE
- PY PYRITE
- PO PYRRHOTITE
- SL SPHALERITE
- ZE ZEOLITE

Examples:

1-1DBF Karmutsen Formation; feldspar phyric amygdaloidal massive mafic flow.

?-5HL Age or Formation uncertain; Fossiliferous argillite

3-5MKT Parson Bay Formation; Silicified/bleached bedded tuffaceous sediment.

SYMBOLS LEGEND

- Bedding
- Shear, Fault
- Joint
- Rock Sample Location - Bedrock
- Rock Sample Location - Float
- Surveyed Point on Grid
- Point on Grid Surveyed with Hipchain & Compass
- Geodetic Survey Pin
- Fault
- Geological Contact
- GAP — Field Note Location
- GAP — Hand Specimen Location
- Rock Mineral Sample

Nahwitti Lake

Mead Creek

Monzonite Creek Showing

Zn Creek Showings

HPH Pit Showing

HPH Shafts

T.S. Showing

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,270

Cameco CORPORATION

HOLBERG INLET PROJECT

GEOLOGY

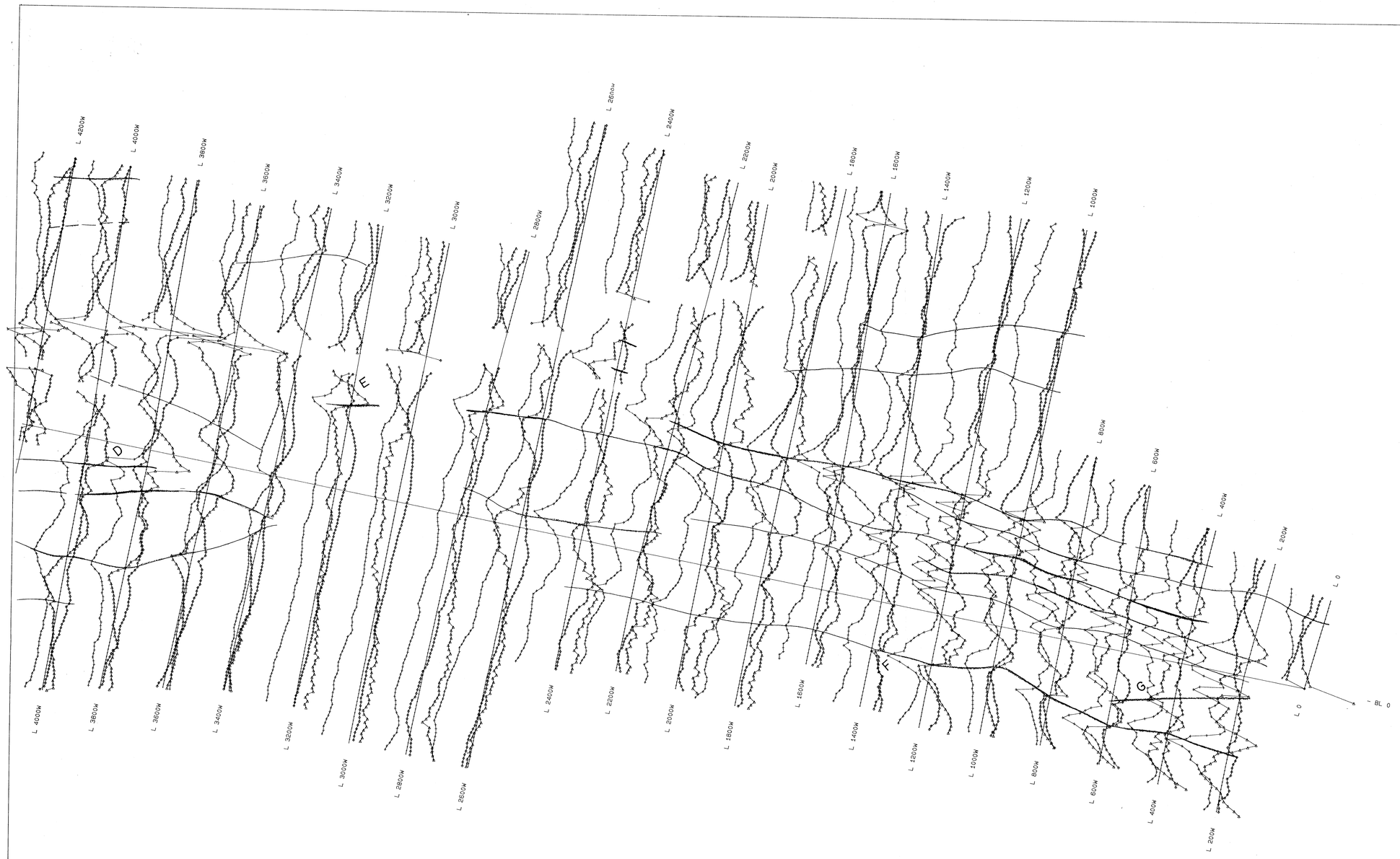
WEST MAP 6b

Geology By: G. Allen, D. Meagher
Drafted By:
Scale: 1:5,000
N.T.S.:
Disposition(s):

Dwg No.: WC091005A

0 100 200 300 400 500 m

MAY '91



0 100 200 300 400 500 m

TRANSMITTER: SEATTLE WASHINGTON
BEARING: 121 DEGREES
FACING: NORTH

	PLOTTING BASE	PLOTTING SCALE
INPHASE	0%	20%/cm
QUADRATURE	0%	20%/cm
TOTAL FIELD	700	250/cm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,270

Cameco
CORPORATION

HOLBERG INLET PROJECT

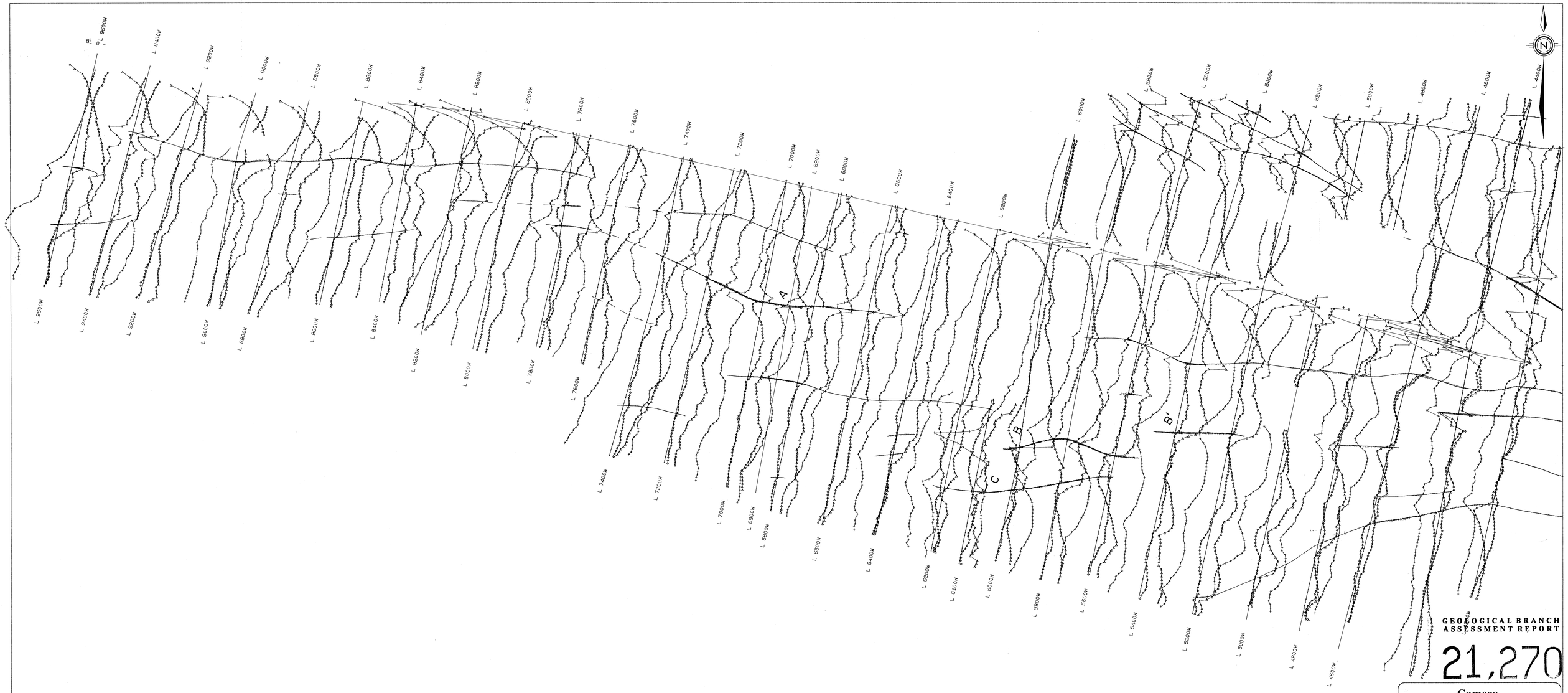
VLF - EM

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92I/12
Date:	JUNE 91

Dwg. No.: 7a

EAST MAP SHEET



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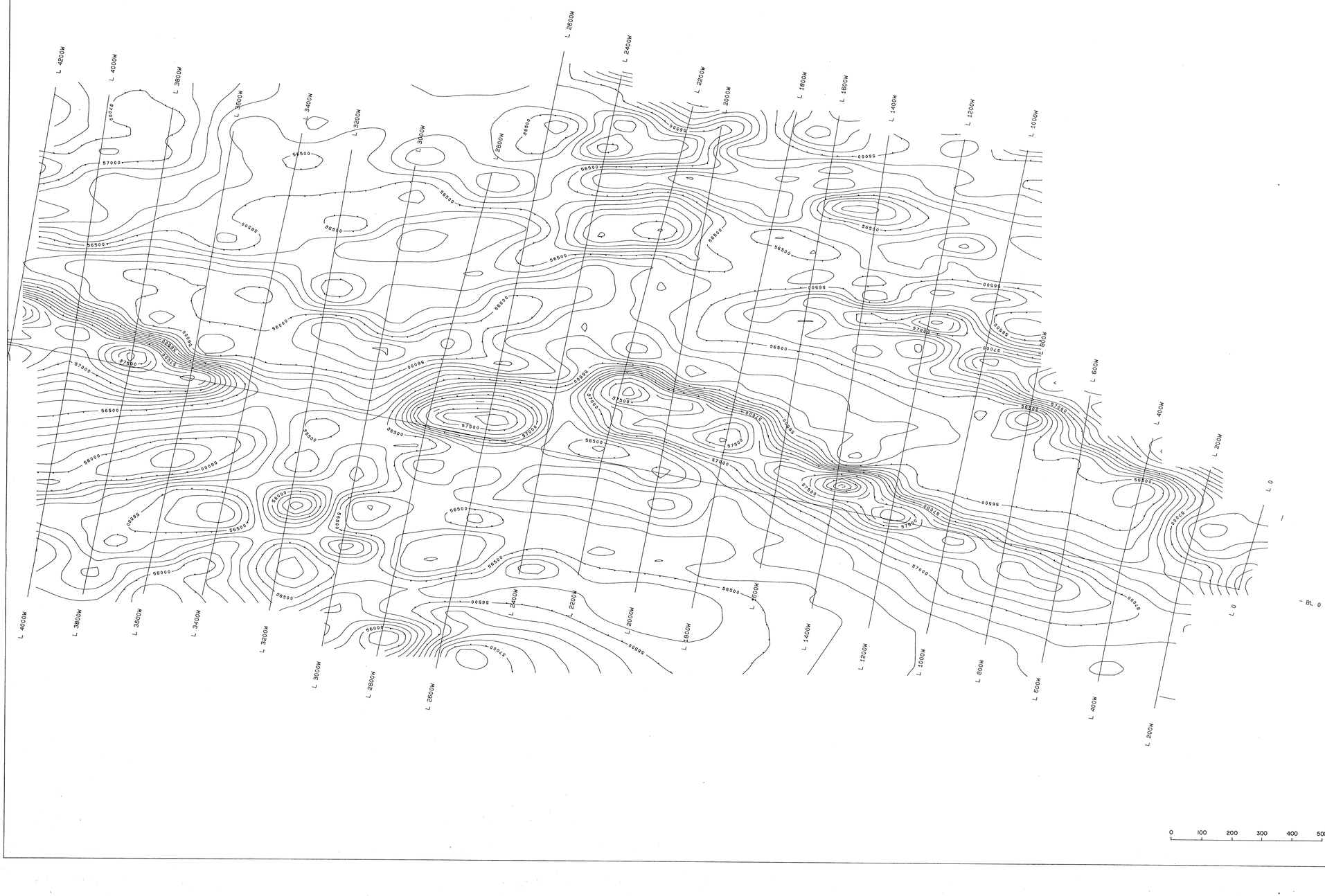
N.T.S.: 92L/12
Date: JUNE '91

Dwg. No.: 7b

WEST MAP SHEET



TOTAL FIELD MAGNETICS

PLOTTING BASE	PLOTTING SCALE
57000nT	1000nT/cm

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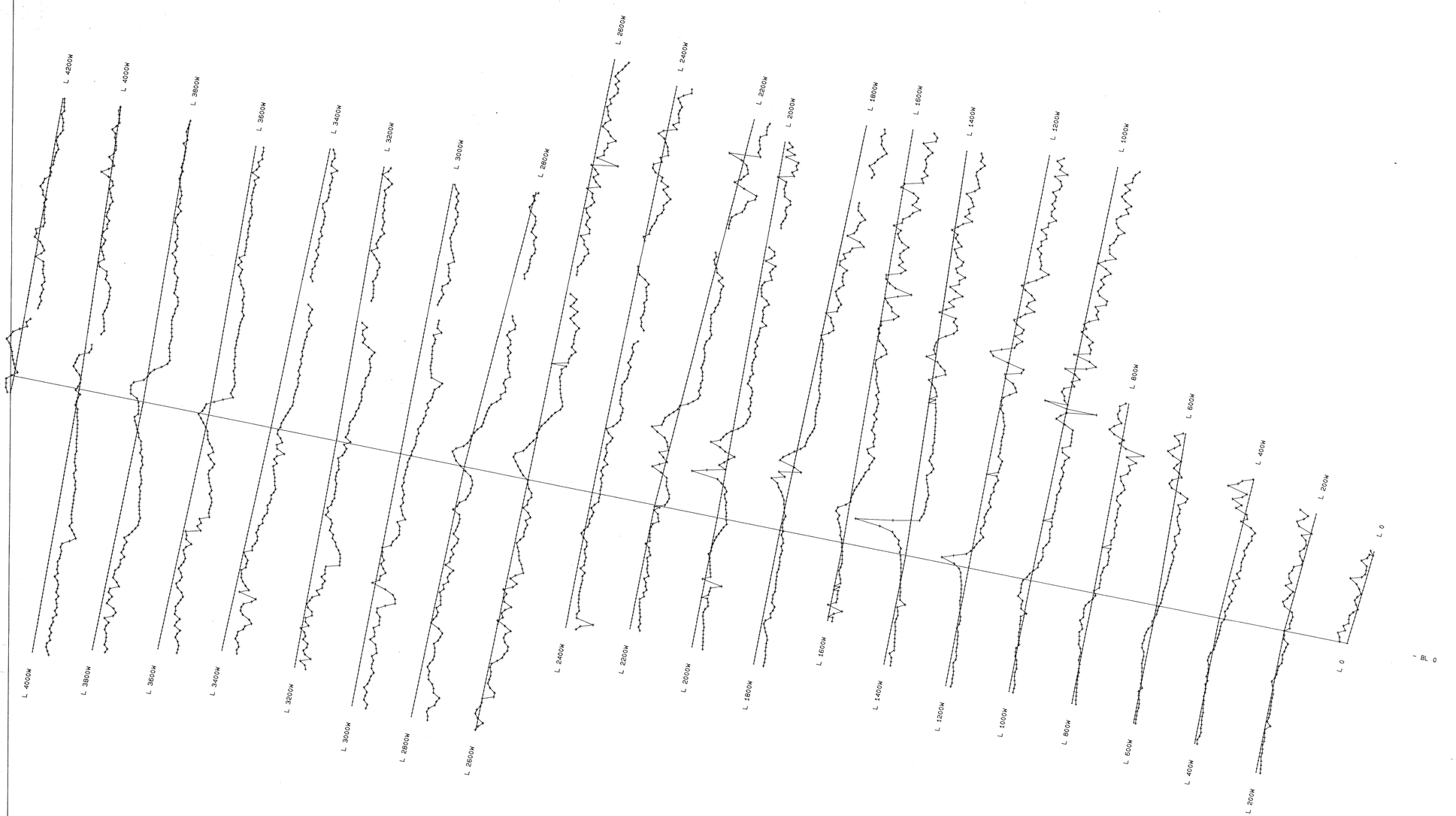
TOTAL FIELD MAGNETICS

DAIWAN ENGINEERING LTD.

Scale: 1: 5,000
N.T.S.: 92I/12
Date: JUNE '91

Dwg. No.: 8a

EAST MAP SHEET



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Cameco
CORPORATION

HOLBERG INLET PROJECT

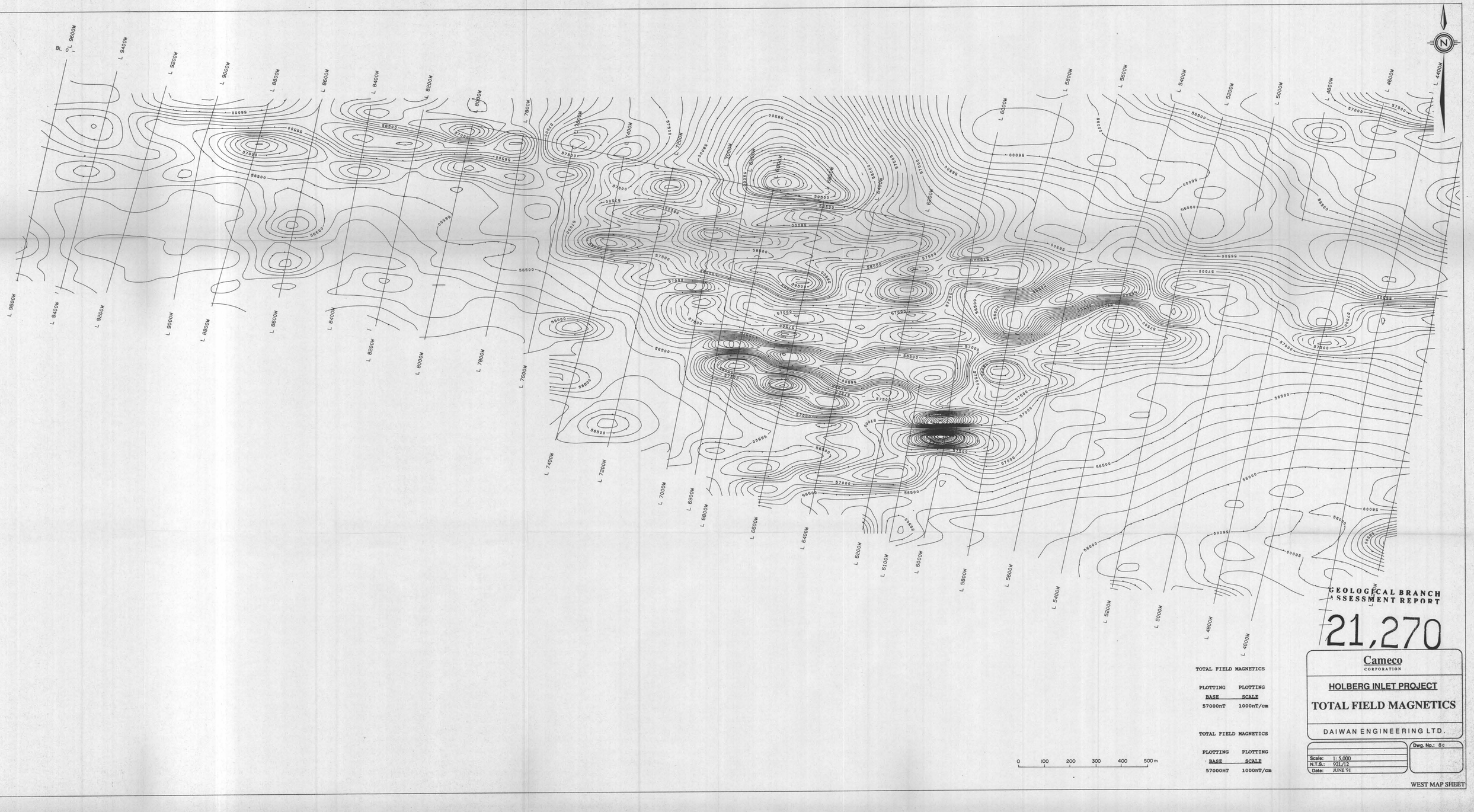
TOTAL FIELD MAGNETICS
(PROFILES)

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92L/12
Date:	JUNE 91

Dwg. No.: 8b

EAST MAP SHEET



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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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HOLBERG INLET PROJECT

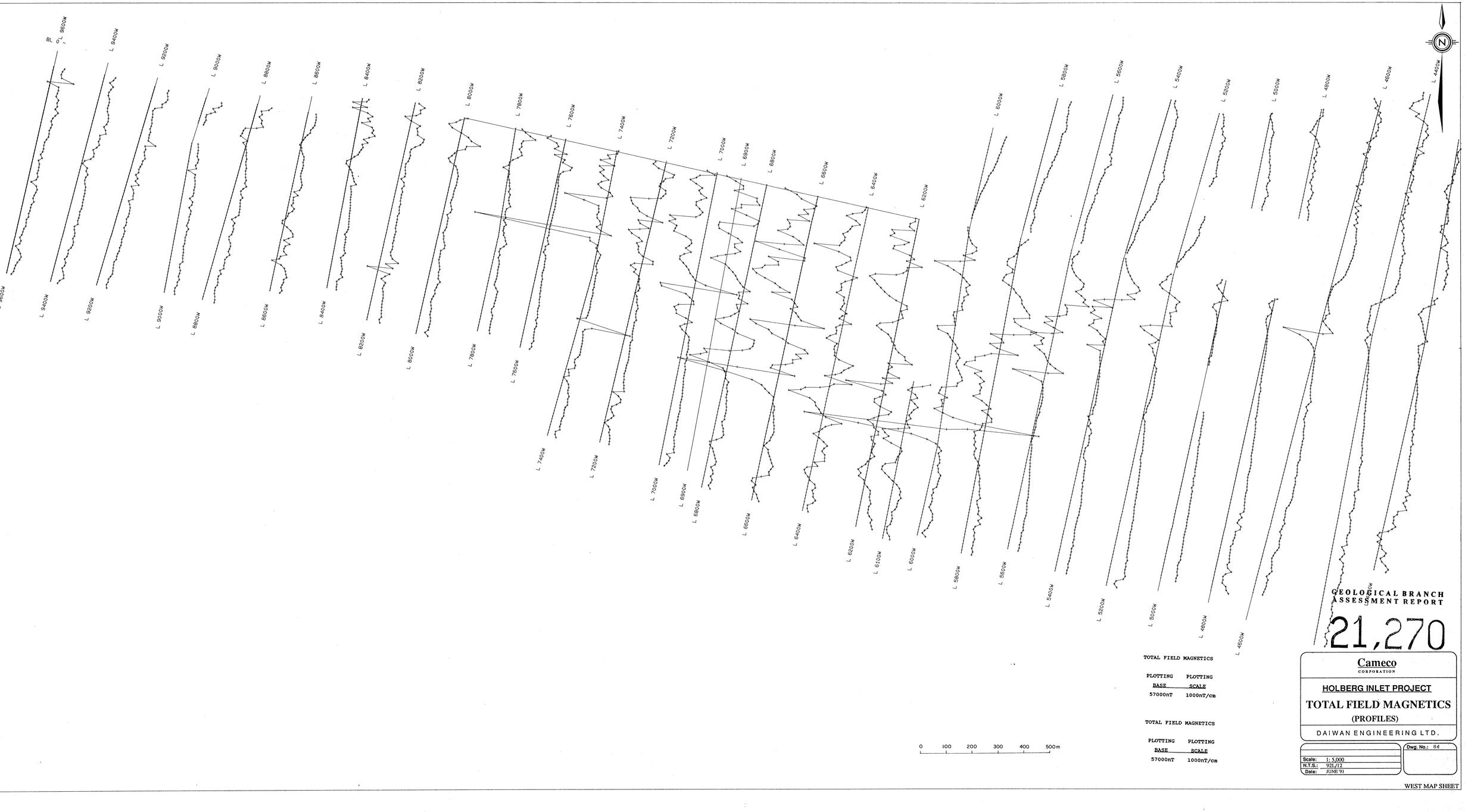
TOTAL FIELD MAGNETICS

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92L/12
Date:	JUNE '91

Dwg. No.: 8c

WEST MAP SHEET



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57000nT	1000nT/cm

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PLOTTING BASE	PLOTTING SCALE
57000nT	1000nT/cm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,270

Cameco
CORPORATION

HOLBERG INLET PROJECT

TOTAL FIELD MAGNETICS

(PROFILES)

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92L/12
Date:	JUNE '91

Dwg. No.: 8d

WEST MAP SHEET

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,270

Cameco
CORPORATION

HOLBERG INLET PROJECT

GOLD AND SILVER
GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

Scale:	1:5,000
N.T.S.:	92L/12
Date:	JUNE '91

Dwg. No.: 9a west

WEST MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,270

Cameco
CORPORATION

HOLBERG INLET PROJECT

COPPER AND ZINC GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92I/12
Date:	JUNE '91

Dwg. No.: 9b west

WEST MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Cameco
CORPORATION

HOLBERG INLET PROJECT

ARSENIC - ANTIMONY GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92I/12
Date:	JUNE '91

Dwg. No.: 9c west

WEST MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Cameco
CORPORATION

HOLBERG INLET PROJECT

GOLD AND SILVER GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92I/12
Date:	JUNE '91

Dwg. No.: 9e east

EAST MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,270

Cameco
CORPORATION

HOLBERG INLET PROJECT

COPPER AND ZINC
GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92L/12
Date:	JUNE '91

Dwg. No.: 9b east

EAST MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,270

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HOLBERG INLET PROJECT

ARSENIC - ANTIMONY GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

Scale:	1: 5,000
N.T.S.:	92L/12
Date:	JUNE 91

Dwg. No.: 9c east

EAST MAP