SOIL SAMPLING AND GEOLOGY FIELD WORK

on the

GORD 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10 CLAIMS

in the

NICOLA AND KAMLOOPS MINING DIVISIONS

in

NTS MAP 092I02W and 092I03E

centered on

North 50° 14' 00" and West 120° 56' 30"

owned and operated by

AHURA MINING LIMITED

authored by

GREGG LITTLE

JUNE 3, 2001

TABLE OF CONTENTS **Page**

i. LIST OF FIGURES

GORD Claims Index Map 2

GORD Claims Geology, Sample locations and Grid Lines map pocket

ii. LIST OF TABLES

1. Summary of Gord Claims 4
2. Summary of Mineralized Showings and Mines Associated with the Gord Claims 5
3. List of Soil and Rock Samples 9
4. Rock Sample Descriptions 10

iii. APPENDIX I

Soil and Rock Analysis Certificates

1.0 INTRODUCTION 1
2.0 LOCATION, ACCESS AND TOPOGRAPHY 3
3.0 PROPERTY OWNERSHIP AND MINERAL TENURE 4
4.0 EXPLORATION HISTORY 4
5.0 REGIONAL GEOLOGY 6
6.0 PROPERTY GEOLOGY 7
7.0 2000 FIELD WORK 7
7.1 Work Program 8
7.2 Geochemistry 8
7.3 Geology 9
8.0 CONCLUSIONS 11
9.0 RECOMMENDED WORK PROGRAM 11
10.0 COST STATEMENT 11
11.0 CERTIFICATE OF QUALIFICATIONS 12
12.0 BIBLIOGRAPHY 13

1.0 INTRODUCTION

Field work on the Gord claims (Gord 1, Gord 2, Gord 3, Gord 4, Gord 5, Gord 6, Gord 7, Gord 8, Gord 9 and Gord 10) was undertaken between October 26, 2000 and November 10, 2000 at the request of Ahura Mining Limited of Vancouver, British Columbia to investigate the mineral potential of the prospect and fulfill work obligations as required by the British Columbia Ministry of Mines and Natural Resources to retain the claim ownership.

Work performed by Gregg Little (geologist) and Jack Zackodnick (field technician) included geological mapping, soil geochemical sampling, rock outcrop sampling and GPS surveying. GPS surveying gave more accurate ground control for staked boundaries and locations of sample sites. 354 soil geochemistry samples and 11 rock samples were taken for analysis.

The claims are located six to ten kilometres to the northwest of the village of Lower Nicola, British Columbia, Canada (approximate centre of north 50° 14' latitude and west 121° 52' longitude), border the northeast side of the Nooaitch Grass Indian Reservation #9 and straddle the Nicola and Kamloops Mining Districts. The bulk of the claim block is on NTS map sheets 092/I02 West (specifically Gord 1, 3, 4, 5, 6, 7 and 9) but the north end of Gord 2 is in 092/I07 West and the majority of Gord 8 and 10 are in 092/I03 East. The claim blocks, located on the Promontory Hills, cover the adjoining watersheds of the Gordon and Poison Creeks to the north and west and the Stumbles Creek to the east and south. A clustering of claims focused on the Craigmont Mine workings bound the south side of the Gord claim group and to the north it is partly staked and partly open ground. Respectively to the east and west, the topography descends into the Guichon Creek and Nicola River valleys and out of the economically prospective geological units covered by the claim group.

The impetus for the Gord claims is the economic geology setting associated with the high-grade, copper skarn deposit at the Craigmont Mine. Located on the south end of the Guichon Batholith, the intrusive granitic border phase and the contact zone meta-sediments host this deposit and numerous copper, iron and mercury mineralized-showings in the area.

121° 00' 00"

092 I06E ⟷ 092 I07W

50° 15' 00" —

092 I03E ⟷ 092 I02W

KAMLOOPS M.D.

NICOLA M.D.

121° 55' 00"

GORD 2
6N x 3E
374921

ROAD

GORD 3
3N x 6W
374945

GORD 5
6N x 3W
374947

GORD 7
6N x 3W
374949

GORD 6
6N x 3W
374948

GORD 10
5N x 4W
382240

GORD 4
3S x 6W
374946

GORD 1
6S x 3E
374920

GORD 9
382239

GORD 8
2N x 3W
374950

ROAD

OPEN PIT

CRAIGMONT MINE AND SITE

CREEK

I.R. 9

NOOAITCH GRASS

MICROWAVE AND FIRE TOWERS

PROMONTORY HILLS

MINE WASTE POND AND DAM

I.R. 1

NICOLA MAMEET

GUICHON

ROAD

STUARTLES CREEK

N

— 50° 10' 00" —

LOWER NICOLA VILLAGE

Hwy # 8

NICOLA RIVER

TO MERRITT

MAP NTS

092 I03E ⟷ 092 I02W

NB: CLAIM POSTS AND BOUNDARIES WERE LOCATED BY COMPASS AND HIP CHAIN AND CONFIRMED BY HANDHELD G.P.S. AND ADJACENT CLAIMS.

0.5 0 1 2

KILOMETRES

SCALE: 1:50,000

FIGURE 1	JUNE 2001	BY: JGL
GORD CLAIMS INDEX MAP		
--AHURA MINING LIMITED--		

2.0 LOCATION, ACCESS AND TOPOGRAPHY

Located in southwestern British Columbia (the Merritt map sheet 92-I/2) covering an area that is twelve to sixteen kilometres northwest from the town of Merritt, the claims are accessible from the east or west side by well maintained logging roads. Merritt itself is reached by paved provincial highways with a 2 to 3 hour drive from Vancouver via the Trans-Canada and Coquihalla routes (see Figure 1).

Lower Nicola is located six kilometres from Merritt at the junction of Highway #8 and the Stumbles Creek road which accesses the Craigmont Mine site. The eastern logging road access is found approximately 6 kilometres north of Lower Nicola and passed the Craigmont mine operations. At this point the claim group is entered by crossing the south boundary of the Gord 1 claim. The western logging road access is made by the Gord Creek logging road from Highway #8 about 23 kilometres further west of Lower Nicola. The western side of the claim block (Gord 10) is reached after about 10 kilometres of a rough, steep, switch-back gravel road. Two wheel drive access is only advisable during fair, dry weather.

Topography in the area is steep rolling terrain ranging in elevation from about 600 metres in the Nicola River valley near Lower Nicola to upper elevations on the Gord claims of about 1,650 metres. The claim area is crossed by numerous old and new logging roads and cattle ranching trails. The vegetation is mixed deciduous and conifer forest cover varying from dense to open grassy slopes and dispersed logged areas.

3.0 PROPERTY OWNERSHIP AND MINERAL TENURE

The Gord 1 through 10 claims are held by Ahura Mining Limited of Vancouver, British Columbia. The claims were staked on open ground to the east, north and west of the claim groups situated around the Craigmont mine site. The mineral tenure and claim status is listed in the table below.

TABLE 1. Summary of Gord Claims

Claim Name	Mining Division(s)	Latitude/ Longitude	General Work	Tenure No.	No. of Units	Expiry Date
Gord 1	Nicola	50° 13.88' 120° 53.31'	Geochemical	374920	18	2003/03/06
Gord 2	Nicola	50° 13.88' 120° 53.31'	Geochemical	374921	18	2003/03/06
Gord 3	Nicola	50° 13.88' 120° 53.31'	Geochemical	374945	18	2003/03/07
Gord 4	Nicola	50° 13.88' 120° 53.31'	Geochemical	374946	18	2003/03/07
Gord 5	Nicola and Kamloops	50° 13.35' 120° 55.88'	Geochemical and Geology	374947	18	2003/03/12
Gord 6	Nicola and Kamloops	50° 12.80' 120° 55.88'	Geochemical and Geology	374948	18	2003/03/16
Gord 7	Nicola and Kamloops	50° 13.15' 120° 58.47'	Geochemical	374949	18	2003/03/19
Gord 8	Nicola	50° 12.27' 120° 59.58'	Geochemical and Geology	374950	6	2003/03/14
Gord 9	Nicola	50° 13.14' 120° 59.66'	Geochemical and Geology	382239	1	200310/27
Gord 10	Nicola and Kamloops	50° 12.80' 120° 59.65'	Geochemical and Geology	382240	20	200310/31

4.0 EXPLORATION HISTORY BRIEF

Exploration activity prior to and concurrent with the mining activity at the Craigmont mine has resulted in numerous showings located on the claims with work done including prospecting, geology, geochemistry, geophysics and drilling. The Craigmont mine is located 1,600 metres south of the Gord 4 claim boundary.

The table below summarizes the historical mineral showings adjacent to or on the Gord claims.

TABLE 2. Summary of Mineralized Showings and Mines Associated with the Gord Claims

Name	Location	Status	MINFILE#	Commodity	Work
Betty Lou	800 metres east southeast of Gord 8	showing	092ISE173		geophysical, geological
Craigmont	south of Gord 4	producer	092ISE035	copper, silver, gold, iron, magnetite	Producing mine
Eric	south of Gord 1	showing	092ISE036		
Jua	Gord 2	showing	092ISE171	native copper	geophysical and drilling
Laron	Gord 4	showing	092ISE189	bornite, chalcopyrite, native copper	geophysical and drilling
Marb	Gord 6	showing	092ISE033	copper	geophysical
Marb 72	Gord 8	showing	092ISW037	copper	geological
Tap	50 metres east of Gord 2	showing	092ISE079	native copper, cu-sulphides	geophysical and drilling
Titan Queen	700 metres south of Gord 5	showing	092ISE034	chalcopyrite, bornite, magnetite	
WP	Gord 7	showing	092ISE068	copper, mercury	geophysical
	1,400 metres southeast of Gord 1	showing	092ISE116		
Mid (?)	3,750 metres south of Gord 4,	showing	092ISE162		geophysical

The Craigmont Mine operated from 1961 to 1982 mining 33,416,917 metric tones for 402,704,469 kilograms of copper, 242,510 grams of silver, 77,851 grams gold. Iron was not recovered until 1970 and by 1990 445,121,144 kilograms were recovered. Starting in 1991 tailing recovery switched to magnetite and to 1997 420,000,000 kilograms has been extracted with continued operation and stockpiling expected to at least 2007 (!992 projection).

5.0 REGIONAL GEOLOGY (McMillan 1978)

In regional terms the Guichon Creek Batholith is one of a series of plutons which are associated and probably comagmatic with a zone of late Upper Triassic rocks forming a northwest trending belt extending from southern British Columbia into southwestern Yukon Territory. These volcanic and associated plutonic rocks display both calc-alkalic and alkalic trends and are interpreted to be products of island-arc volcanism. The volcanic and associated sedimentary rocks are interpreted to be derived by partial melting of subducted oceanic crust.

The Guichon Creek Batholith complex is the focus of significant economic copper porphyry and skarn deposits (Bethlehem Copper, Lornex, Valley Copper, Highmont JA and Craigmont). The metals were apparently derived from the granitic rocks during fractional crystallization The batholith is centered about latitude 50 degrees 30 minutes and longitude 121 degrees 00 minutes, 40 kilometres southeast of Cache Creek and 53.5 kilometres southwest of Kamloops. It is oval in plan and elongated slightly west of north, subparallel to the trends of major fault systems in southern British Columbia. The batholith is segmented by a series of north and northwest striking faults which are related to the stresses which created the regional fabric.

The batholith is a semi-concordant dome comprised of intrusive phases ranging from diorite or quartz diorite to quartz monzonite in composition. Rocks at the periphery are older than those at the core. Studies suggest that the rocks have a common parent magma but were not differentiated in situ, rather the intrusive body evolved with older phases being crosscut by younger where succeeding magmatic pulses began when older phases were generally incompletely crystallized.

The oldest rocks exposed adjacent to the Guichon Creek batholith are Cache Creek Group sedimentary and volcanic rocks of Permo-Carboniferous age that outcrop west of the batholith. These rocks include argillite, chert, conglomerate, grit, greywacke, tuff and some quartzite. Some zones within the Cache Creek Group are predominantly greenstone with interlayers of chert, limestone and chert breccia.

Metamorphic rocks adjacent to the batholith were formerly assigned to the Cache Creek Group but not are included in the Nicola Group. These include hornblende-plagioclase gneiss, schist, quartzite and hornfels that occur in a metamorphic halo up to 500 metres wide. Near the batholith contact, mineral assemblages are typical of hornblende hornfels facies; away from the contact, albite-epidote facies assemblages are normal. Porous impure sandstones have been pervasively epidotized and impure limy beds have were converted to epidote skarn. Locally the skarns contain pods and grains of chalcopyrite.

Upper Triassic rocks of the Nicola Group envelop the batholith and locally form roof pendants within it. Volcanic flows and breccias predominate at the north edge of the batholith whereas sedimentary rocks are prominent along the east, south and west boundaries.

Volcanic rocks in the Nicola Group are mainly basalts and basaltic andesites. Sedimentary rocks include chert, siltstone, sandstone, greywacke, limestone and volcanic conglomerate which grades to sedimentary volcanic breccia. Pyrite is abundant in most of the non-calcareous sedimentary rocks.

6.0 PROPERTY GEOLOGY

The Promontory Hills topographic high and the valley of the Nicola River and Guichon Creek define the southern extent of the Late Triassic-Early Jurassic Guichon Batholith granodiorite-quartz monzonite complex. Along the southern edge, defined by the Nicola and Guichon stream valleys, is the bordering older and intruded Late Triassic Nicola Group volcanics and sediments. The batholith and its intruded units are unconformably overlain to the west of the claims by the Late Cretaceous Spences Bridge Group volcanics and sediments. There is extensive gravel overburden on the lower slopes and in the valleys.

In the area covered by the Gord claims, the rocks go from the Guichon intrusive (Highland Valley Phase) along the northern edges of the claims to the Border Phase intrusive in the east and central area of the claims to the Nicola sediments on the west side and south edge. The Highland Valley Phase intrusive is a relatively uniform granodiorite to quartz diorite unit and probably representing an intermediate phase between the core batholith rocks to the north and the Border Phase unit running through the center of the claims. The Border Phase granodiorite to quartz diorite unit has the most complex compositional and textures features where extensive assimilation of the Nicola Group sediments and volcanics occurred along the south and west sides of the claims. The Craigmont Mine is situated in the Nicola group sediments adjacent to the Border Phase of the intrusive and is classed as a contact metamorphic deposit.

Gord 1, 2, 4, 5 and 9 almost exclusively cover the border phase granodiorite and quartz-diorite while Gord 3 and 6 include the border phase and batholith granodiorite (about 60% and 30% respectively). Gord 7, 8, 9 and 10 cover mostly the border phase and the altered, metamorphosed and mineralized Nicola meta-sediments and volcanics. The south edge of Gord 1 and 6 covers the contact of the Border Phase intrusive and the Nicola Group sediments.

7.0 2000 FIELD WORK

Field work on the Gord claims (Gord 1, Gord 2, Gord 3, Gord 4, Gord 5, Gord 6, Gord 7, Gord 8, Gord 9 and Gord 10) was undertaken between October 26, 2000 and November 10, 2000 at the request of Edward Hayes of Coquitlam, British Columbia to investigate the mineral potential of the prospect and fulfill work obligations as required by the British Columbia Ministry of Mines and Natural Resources to retain the claim ownership.

Geological mapping was carried out at a scale of 1:25,000 on claims Gord 8 and 9 as well as on sample grid lines on Gord 1, 2, 3 and 10 (total claim block area, 38.25 square kilometres). Over the ten claims involved the boundaries established by compass and chain and the required flagging and claim posts were established for a total line length of 77.5 kilometres. Claim identification posts were also located by hand-held GPS. Soil sampling grid was laid out on the Gord 1, 2, 3, 5 and 10 claims involving 354 samples and a total grid length of 8,755 metres. Eleven (11) rock sample locations are on the Gord 8, 9 and 10 claims (see Figure 2, map pocket).

7.1 Work Program

Work performed by Gregg Little (geologist) and Jack Zackodnick (field technician) included geological mapping, soil geochemical sampling, rock outcrop sampling and GPS surveying. GPS surveying gave more accurate ground control for staked boundaries and locations of sample sites. 354 soil geochemistry samples and 11 rock samples were taken for analysis.

Geology included traversing soil sample lines and areas of known contacts between the Border Phase intrusive and the Nicola Group sediments. Outcrops were investigated for confirmation of rock types and presence of mineralization (chalcopyrite, malachite, magnetite, etc.) and associated alteration assemblages (epidote, albite, calc-silicates, garnet, etc.).

7.2 Geochemistry

Soil geochemistry (354 samples) was carried out on four east-west grid lines and one line in a general north-south direction along a logging road. The eleven rock samples were taken during traversing at mineralized outcrops on Gord 8, 9 and 10 claims. See the accompanying table below for a summary.

Samples in excess of 500 grams were taken below the organic horizon (dark-grey to dark-brown with significant root content), generally greater than 20 centimetres depth and at 25 metre intervals. Samples varied in light grey to light brown in colour and varied from clay and silt to gravel in composition. The sample lines started at a claim identification posts, located by compass and hip chain and checked by GPS every 100 metres traversed. Soil sampling was located in areas around the contact between the Nicola meta-sediments and the intrusive Border Phase. The single north-south line was adjacent to the road due to the onset of winter and a heavy snow cover. In general, the soil lines east of station 125+00E are over increasing thickness of till and valley gravel cover as one proceeds east towards Guichon Creek.

Samples were sent to ACME Analytical Laboratories in Vancouver, BC for ICP analysis (ICP/ES & MS) of Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Sc, Tl, S, Hg, Se, Te and Ga. Soil samples up to 1

kilogram were dried at 60 ° C and sieved at -80 mesh to obtain up to 100 grams. 4 kilograms of rock sample was crushed to a -10 mesh size (70%) then split and pulverized to obtain 250 grams at a -150 size mesh (95%). 30 element ICP analysis involved pulps leached in hot (95°C) aqua regia and then the solutions were analysed by ICP-ES. Gold analysis was by wet digestion in aqua regia and then analysed by graphite furnace AA or by ICP-MS.

Soil geochemistry shows sporadic anomalies but the geochem grid coverage is too wide spaced at present for interpretation of mineralized zones and prospective trends.

TABLE 3. List of Soil and Rock Samples

Grid Line from/to and Rock Sample Numbers	Claim(s) location	# of samples	Sample type
L25+00N/25+00E to /45+25E	Gord 10	82	Soil
L35+00N/25+00E to /45+00E	Gord 10	79	Soil
L25+00N/123+00E to /135+00E	Gord 1	49	Soil
L45+00N/115+00E to /135+00E	boundary of Gord 1-2& 3-4	81	Soil
Logging road 55+00N to 70+50N	Gord 5	63	Soil
GOR8-1 to GOR8-5	Gord 8	5	Rock
GOR9-1 to GOR9-3	Gord 9	3	Rock
GOR10-1 to GOR10-3	Gord 10	3	Rock

7.3 Geology

The geological survey undertaken in the time allotted focused on the Gord 8 claim and the soil sample grids. Most of the soil grids traversed encountered gravel and sand cover with only a small percentage of outcrop exposure. Exploration attempted to investigate the metamorphosed Nicola Group sediments adjacent to Border Phase intrusive for the potential of Craigmont-style, copper-skarn development.

TABLE 4. Rock Sample Descriptions

Sample No (claim loc.)	Lat./Long. Elevation	Description
GOR8-1 (Gord 8)	N 50° 12.299' W 120° 59.636' 1,322 m.	Diorite, grey-green, Border Phase intrusive, coarse to med. grain. hornblende, pervasive chloritic alteration, abundant magnetite (5-10 %), pyrite in disseminations and veins (0.5-1%), occasional epidote grains, trace chalcopyrite.
GOR8-2 (Gord 8)	N 50° 12.540' W 120° 59.814' 1,285 m.	Meta-Greywacke, Nicola Group, brown-grey, coarse bedding, siliceous and pervasive green alteration, occasional grains and patches of magnetite with green alteration halos, occasional pyrite in grains and veins.
GOR8-3 (Gord 8)	N 50° 12.514' W 121° 00.210' 1,275 m.	Diorite, grey-green, Border Phase intrusive, abundant magnetite, 1% pyrite and chalcopyrite, occasional epidote alteration patches.
GOR8-4 (Gord 8)	N 50° 12.524' W 121° 00.235' 1,290 m.	Diorite, green-grey, same as GOR8-3 with dark inclusions (Nicola Group?), coarse crystalline veins with hornblende crystals, rare malachite staining with pyrrhotite.
GOR8-5 (Gord 8)	N 50° 12.612' W 120° 59.828' 1,343 m.	Metasomatized Nicola Group clastic or fine grained Border Phase diorite, green-grey, with pods of fine to med. crystalline light grey limestone. Dioritic rock has abundant potassic and epidote alteration and the limestone is strongly recrystallized with coarse specular hematite. Veining or pods of coarse epidote (centimetre-size) with coarse hematite, calcite, quartz and minor malachite staining. Possibly the Mark 72 showing with zone trending 020° and outcrop width of 14 metres.
GOR9-1 (Gord 9)	N 50° 12.829' W 120° 59.583' 1,382 m.	Diorite, grey-green, Border Phase intrusive, abundant magnetite, minor green siliceous alteration, vitreous amber inclusions (sphalerite?).
GOR9-2 (Gord 9)	N 50° 13.097' W 120° 59.611' 1,460 m.	Diorite, grey-green, Border Phase intrusive, minor magnetite, trace chalcopyrite in fractures, trace disseminated pyrite and occasional potassic alteration along fractures.
GOR9-3 (Gord 9)	N 50° 12.829' W 120° 59.583' 1,464 m.	Diorite, grey-green, Border Phase intrusive, magnetite, trace chalcopyrite in fractures, pervasive chlorite (?) alteration, faint banding, epidote alteration along fractures.
GOR10-1 (Gord 10)	N 50° 12.831' W 121° 00.891' 1,268 m.	Metasomatized Nicola Group or fine grained Border Phase Diorite, dark grey, disseminated magnetite with occasional pyrite.
GOR10-2 (Gord 10)	N 50° 12.809' W 120° 59.801' 1,400 m.	Diorite (Border Phase) and meta-sediments (Nicola Group), grey-green, magnetite patches, trace chalcopyrite, weak pervasive chlorite (?) alteration.
GOR10-3 (Gord 10)	N 50° 12.807' W 120° 59.742' 1,411 m.	Granodiorite with inclusions of diorite, light to med. grey-green, fractures with pervasive epidote and potassic alteration and quartz veining, occasional patches of magnetite. Alteration zone trends 060° and appears to be the source of limestone float.

8.0 CONCLUSIONS

Limited work to date has not been sufficient to determine specific exploration targets although geochemistry has indicated the continued prospectivity of the contact metamorphic zone in the Nicola Group sediments. This would deem the south end of Gord 1 and Gord 6, and all of Gord 7, 8, 9 and 10 of interest. Any adjacent open ground that covers the Border Phase-Nicola Group contact should be added to the property to secure addition exploration potential.

9.0 RECOMMENDED WORK PROGRAM

Continued rock and soil sampling exploration, geological mapping and geophysical surveys are recommended for the Nicola Group rocks in contact with the intrusive Border Phase. Continued monitoring of the surrounding property status is necessary to optimize acquisition of the prospective geology as described above.

10.0 COST STATEMENT

Gord Claims Cost Statement

The 2000 fieldwork program was carried out between October 26th and November 10th, 2000. The cost is detailed in the following table:

Description	**#**	**UNIT**	**RATE**	**TOTAL**
Accommodations	16	days	$70	$1,120
Food Allowance @ $45/day/person	34	days	$45	$1.530
Off-road 4x4 Truck Rental	16	days	$150	$2.400
Line Cutting; Debrushing and Cleaning	8.75	kilometres	$200	$1,750
Soil Geochemistry	354	samples	$15	$5,310
Rock Geochemistry	11	samples	$25	$275
Communications				$100
Miscellaneous and Consumables				$160
Supervisor, Ted Hayes	2	days	$600	$1,200
Geologist, Gregg Little	16	days	$500	$8,000
Field Technician, Jack Zackodnick	16	days	$350	$5,600
Report				$4,500
TOTAL				**$31,945**

11.0 CERTIFICATE OF QUALIFICATIONS

The geologist, Gregg Little achieved a Bachelor of Science in 1976 at the University of British Columbia. Between 1974 and 1977 he work in base metal exploration as a geologist in northern British Columbia and Yukon Territory. From 1979 to 1992 work involved service and exploration companies in the Alberta and Nova Scotia as a stratigrapher and exploration geologist for the oil industry. From 1996 to 2001 work involved gold exploration in Ghana, Mali and Democratic Republic of Congo, and base metal exploration in Newfoundland as a geologist, assistant project manager and project manager on drilling programs.

Signed: Gregg Little Date: June 3, 2001.

Geologist, Gregg Little, B.Sc.

12.0 BIBLIOGRAPHY

McMillan, W.J., GEOLOGY OF THE GUICHON CREEK BATHOLITH, Notes and Legend to Accompany Preliminary Map No.30, 1978

MINFILE and Assessment Reports, British Columbia Geological Survey Branch Library and Data Centre, web site: http://www.em.gov.bc.ca

APPENDIX

GEOCHEMISTRY CERTIFICATES
of
SOIL AND ROCK SAMPLES

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hayes, T. PROJECT GORD File # A004481
1704 - 555 Austin Ave, Coquitlam BC V3K 6R8 Submitted by: Ted Hayes

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
GOR 8-1	2	172	4	24	<.3	14	14	297	5.58	8	<8	<2	<2	25	.2	<3	<3	233	2.12	.145	6	21	.55	154	.18	12	1.78	.08	.11	2	9.6
GOR 8-2	2	6	<3	51	<.3	8	13	641	2.92	11	<8	<2	<2	279	.3	<3	<3	68	2.07	.037	3	17	1.13	89	.16	3	2.96	.25	.12	5	3.1
GOR 8-3	1	43	5	45	<.3	15	14	366	5.53	5	<8	<2	<2	34	<.2	<3	<3	236	1.48	.105	3	23	.55	55	.16	3	1.56	.10	.07	3	2.3
GOR 8-4	<1	458	7	52	<.3	14	16	315	6.25	4	<8	<2	<2	31	<.2	<3	3	237	1.11	.101	4	25	.42	63	.16	<3	1.12	.09	.08	3	7.7
GOR 8-5	3	315	<3	4	<.3	3	11	597	2.25	8	<8	<2	<2	97	<.2	3	<3	26	6.89	.052	5	11	.03	11	.09	3	.91	.01	.01	9	2.2
GOR 9-1	2	27	5	63	<.3	30	18	510	5.48	6	<8	<2	<2	65	<.2	<3	<3	207	2.08	.161	10	18	.94	63	.31	<3	2.37	.25	.07	5	2.0
GOR 9-2	1	119	3	42	<.3	14	12	328	3.17	4	<8	<2	2	63	<.2	<3	3	117	1.45	.068	4	16	.88	175	.22	4	1.84	.10	.23	2	1.7
GOR 9-3	1	265	8	38	<.3	14	14	341	3.39	4	<8	<2	<2	40	.2	<3	<3	103	1.81	.080	4	15	1.17	60	.14	7	2.38	.06	.11	2	.9
RE GOR 9-3	2	269	9	38	<.3	15	14	340	3.35	5	<8	<2	<2	41	.4	<3	<3	103	1.82	.080	4	15	1.17	61	.15	6	2.38	.06	.11	2	.8
GOR 10-1	1	211	3	41	<.3	2	13	452	3.81	4	<8	<2	<2	29	.3	<3	<3	62	1.51	.186	6	6	.92	48	.18	3	1.57	.08	.10	2	.6
GOR 10-2	3	68	9	36	<.3	6	10	340	3.79	3	<8	<2	<2	67	.2	<3	<3	200	1.94	.134	5	18	.68	186	.16	4	2.20	.24	.11	2	.7
GOR 10-3	4	56	7	47	<.3	13	19	586	3.20	5	<8	<2	<2	147	.4	<3	<3	97	2.90	.091	4	17	1.29	65	.20	3	2.91	.03	.04	2	1.2
STANDARD C3/DS2	26	63	34	167	5.4	37	11	744	3.30	57	17	5	20	29	22.3	18	24	76	.56	.090	18	163	.58	147	.09	24	1.79	.04	.17	18	210.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 6 2000 **DATE REPORT MAILED:** Nov 20/00 **SIGNED BY.** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hayes, T. PROJECT GORD File # A004483 Page 1

1704 - 555 Austin Ave, Coquitlam BC V3K 6R8 Submitted by: Ted Hayes

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
L35+00N 25+00E	.55	32.72	3.88	67.4	97	13.9	6.9	408	2.18	1.9	.5	1.5	1.2	44.5	.12	.17	.07	73	.54	.114	6.0	21.2	.33	189.8	.104	4	1.33	.014	.17	<.2	2.3	.03	<.01	19	<.1	<.02	5.4	15
L35+00N 25+25E	.54	14.59	3.22	64.8	39	9.3	4.9	426	1.80	1.2	.3	.3	1.3	31.7	.07	.11	.07	58	.39	.035	3.5	17.1	.25	153.5	.108	3	1.13	.013	.13	<.2	2.0	.03	<.01	16	.4	<.02	4.3	15
L35+00N 25+50E	.61	10.48	3.28	53.1	22	6.9	4.2	571	1.69	1.0	.2	.6	1.0	28.7	.06	.10	.06	59	.34	.024	2.6	15.6	.19	128.7	.100	2	.84	.014	.14	<.2	1.6	.03	<.01	14	.2	<.02	3.4	15
L35+00N 25+75E	.75	10.50	2.52	33.3	33	6.6	4.5	354	1.80	1.2	.2	.3	.9	24.0	.03	.11	.05	66	.29	.034	2.7	14.7	.19	109.0	.090	1	.85	.012	.07	<.2	1.5	.02	<.01	9	.2	<.02	3.7	15
L35+00N 26+00E	.76	7.22	2.48	27.4	14	5.4	3.1	193	1.52	.9	.2	.9	.6	23.4	.02	.09	.05	56	.28	.021	2.1	14.0	.16	89.7	.096	1	.75	.013	.05	<.2	1.3	.02	<.01	7	.1	<.02	3.1	15
L35+00N 26+25E	.80	18.61	4.51	84.3	26	11.9	5.5	599	1.80	1.7	.3	.2	1.4	37.3	.05	.11	.09	49	.41	.066	3.3	17.0	.34	195.4	.107	3	1.82	.021	.16	<.2	2.4	.04	<.01	17	.4	.02	6.0	15
L35+00N 26+50E	.96	18.23	4.33	80.6	46	10.2	6.4	1052	1.92	2.0	.2	4.4	1.2	47.1	.10	.12	.08	55	.63	.051	3.9	17.3	.31	236.6	.107	3	1.53	.019	.17	<.2	2.5	.04	<.01	29	.2	<.02	5.1	15
L35+00N 26+75E	.63	17.23	4.51	95.3	44	9.6	5.3	750	1.78	1.9	.3	1.2	1.2	41.5	.16	.14	.09	49	.61	.053	3.7	16.4	.29	251.5	.110	2	1.65	.018	.14	<.2	2.2	.04	.01	30	.3	<.02	5.4	15
L35+00N 27+00E	.48	23.35	2.69	39.9	15	7.8	5.2	202	1.94	1.5	.5	.3	2.1	28.5	.03	.16	.06	73	.32	.032	3.8	15.3	.26	121.3	.108	1	.97	.009	.06	<.2	1.7	.02	<.01	11	.1	<.02	4.0	15
L35+00N 27+25E	.67	12.39	4.12	125.0	17	10.8	7.2	1307	1.82	1.6	.1	.4	.8	32.5	.12	.08	.09	50	.43	.039	2.7	16.4	.46	287.7	.099	2	2.33	.019	.13	<.2	3.0	.06	<.01	19	.2	.02	6.3	15
L35+00N 27+50E	.13	109.61	1.11	62.1	100	7.4	14.8	411	3.20	3.5	.1	.9	.3	103.1	.03	.06	.02	104	3.05	.066	1.8	15.9	1.05	78.8	.018	2	5.90	.009	.22	<.2	8.3	<.02	.01	22	.3	<.02	14.8	15
L35+00N 27+75E	.25	22.70	2.56	50.0	23	13.0	13.0	378	2.25	3.2	.3	1.5	.7	83.8	.03	.10	.04	61	1.00	.038	4.1	19.9	.89	125.7	.083	2	3.92	.092	.08	<.2	4.6	.02	<.01	24	.2	<.02	8.8	15
L35+00N 28+00E	.61	13.82	4.16	112.8	19	14.1	8.9	940	2.03	2.8	.2	2.3	.9	39.3	.08	.10	.08	60	.40	.083	2.4	18.1	.58	211.2	.092	1	2.85	.022	.10	<.2	3.0	.05	<.01	13	.2	.02	8.1	15
L35+00N 28+25E	.70	49.93	2.58	81.7	21	7.7	13.4	1411	2.64	2.8	.1	.3	.5	81.0	.11	.11	.05	71	.96	.042	2.4	9.6	1.13	172.8	.026	1	4.05	.077	.15	<.2	6.6	.03	<.01	18	.4	.02	9.0	15
L35+00N 28+50E	2.47	34.59	4.21	32.1	60	9.9	5.7	479	1.59	2.7	.8	.8	.8	39.1	.05	.11	.08	45	.55	.031	5.9	15.7	.31	91.5	.083	3	1.52	.014	.12	<.2	2.1	.03	.01	19	.5	<.02	5.1	15
L35+00N 28+75E	.88	34.38	3.69	36.3	66	9.2	6.4	445	1.67	2.3	.6	.5	1.3	34.1	.03	.12	.08	52	.37	.029	6.9	17.2	.28	103.1	.097	1	1.22	.014	.11	<.2	2.4	.03	<.01	15	.5	<.02	4.5	15
L35+00N 29+00E	.65	22.70	3.23	52.3	51	9.5	6.0	641	1.75	2.1	.3	.4	1.3	36.7	.08	.14	.07	56	.42	.055	4.9	15.7	.27	216.1	.098	2	1.10	.011	.14	<.2	1.8	.03	<.01	15	.3	<.02	4.6	15
L35+00N 29+25E	.88	19.78	3.76	67.4	93	8.0	4.6	944	1.51	2.0	.3	.2	1.0	36.5	.12	.13	.07	50	.46	.037	3.7	13.3	.21	202.1	.077	2	.85	.011	.08	<.2	1.3	.03	.01	38	.2	<.02	3.6	15
L35+00N 29+50E	.95	15.81	2.93	55.1	41	7.3	4.2	582	1.59	1.9	.3	.2	.9	28.8	.08	.13	.06	56	.37	.046	3.1	14.1	.20	177.3	.085	2	.82	.010	.10	<.2	1.3	.02	.01	23	.1	.02	3.7	15
L35+00N 29+75E	.46	30.40	2.50	34.6	95	7.4	4.9	277	1.77	1.5	.4	1.2	1.3	30.6	.06	.14	.06	66	.37	.029	4.8	15.2	.25	110.4	.100	3	.96	.011	.11	<.2	1.7	.02	<.01	17	.2	<.02	3.8	15
L35+00N 30+00E	.65	11.26	2.78	51.7	52	7.6	4.1	347	1.61	1.5	.3	<.2	1.1	26.4	.05	.13	.07	56	.32	.028	3.0	15.2	.21	141.2	.105	2	.95	.012	.08	<.2	1.4	.02	<.01	11	.4	<.02	3.9	15
L35+00N 30+25E	.61	14.86	3.47	58.0	39	6.8	4.4	713	1.50	1.5	.3	.2	1.0	34.8	.09	.14	.07	52	.44	.034	3.0	12.2	.20	211.8	.090	2	.81	.010	.11	<.2	1.2	.02	<.01	22	.3	.02	3.6	15
L35+00N 30+50E	.54	34.24	3.44	55.6	66	9.9	6.1	525	1.80	1.9	.4	.4	1.3	29.6	.07	.16	.06	63	.39	.050	4.8	15.7	.30	158.0	.094	1	1.02	.011	.09	<.2	1.6	.02	<.01	23	.2	<.02	4.3	15
L35+00N 30+75E	.58	44.19	3.32	43.6	38	9.7	6.8	451	2.18	2.1	.5	<.2	1.5	39.2	.06	.17	.05	82	.53	.053	5.7	17.9	.37	117.7	.103	2	1.14	.013	.12	<.2	2.2	.02	<.01	25	.5	<.02	4.6	15
RE L35+00N 30+75E	.63	45.67	3.37	43.9	39	10.2	7.5	473	2.18	2.6	.6	.9	1.5	41.4	.06	.17	.06	82	.55	.053	5.8	17.6	.38	122.1	.104	3	1.18	.014	.13	<.2	2.6	.02	<.01	18	.3	.02	4.7	15
L25+00N 25+00E	.41	17.10	3.13	71.0	22	10.2	8.2	431	2.45	1.9	.2	.2	.9	53.9	.06	.10	.06	68	.62	.035	2.8	17.7	.49	135.5	.125	4	2.43	.037	.14	<.2	4.1	.04	.01	22	.4	<.02	7.2	15
L25+00N 25+25E	.91	15.93	3.49	34.7	37	8.3	5.3	357	1.68	2.0	.3	.5	1.1	33.9	.06	.15	.07	53	.54	.035	4.1	16.0	.24	94.5	.111	4	1.19	.015	.18	<.2	2.1	.03	<.01	18	.3	<.02	4.4	15
L25+00N 25+50E	.58	13.07	2.80	29.0	18	7.0	4.8	277	1.62	1.8	.3	.6	1.2	29.5	.04	.12	.05	56	.39	.027	3.6	15.2	.22	95.4	.106	2	.93	.013	.11	<.2	1.7	.02	<.01	13	.3	<.02	3.6	15
L25+00N 25+75E	.58	14.12	2.93	44.6	29	8.8	4.8	354	1.78	1.6	.3	<.2	1.3	31.2	.04	.10	.06	59	.37	.042	3.6	16.2	.21	128.2	.094	2	1.08	.014	.10	<.2	1.7	.03	<.01	16	.2	<.02	4.0	15
L25+00N 26+00E	.52	17.42	2.75	48.1	26	8.3	6.5	272	2.16	1.5	.3	17.7	1.2	26.2	.05	.11	.06	80	.36	.033	3.9	17.1	.27	87.0	.101	3	1.10	.016	.10	<.2	2.1	.03	<.01	19	.1	.02	4.2	15
L25+00N 26+25E	.97	15.26	2.69	20.6	20	6.5	5.5	234	1.69	1.4	.3	.8	1.3	27.6	.02	.12	.05	62	.36	.008	4.1	14.8	.23	73.3	.104	2	.87	.017	.10	<.2	2.0	.02	<.01	17	.5	<.02	3.4	15
L25+00N 26+50E	.62	45.39	3.22	22.9	34	11.5	8.8	386	2.00	1.7	.3	<.2	2.1	52.0	.06	.14	.06	52	2.45	.015	8.1	17.6	.41	102.0	.106	10	1.28	.057	.32	<.2	2.9	.03	.04	20	.7	<.02	4.8	15
L25+00N 26+75E	.69	27.67	2.52	22.2	25	7.8	5.8	246	1.84	1.6	.3	.6	1.3	28.6	.02	.12	.22	69	.48	.009	5.7	17.1	.23	66.4	.100	3	.86	.016	.15	<.2	2.0	.02	.03	12	.4	<.02	3.5	15
STANDARD OS2	14.03	127.76	31.66	154.0	263	34.7	11.7	813	3.07	53.5	19.1	196.0	3.6	27.6	9.93	9.28	10.34	75	.53	.089	15.8	165.6	.59	148.9	.094	2	1.72	.029	.16	7.1	2.7	1.82	.02	224	2.5	1.81	6.1	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 6 2000 **DATE REPORT MAILED:** Nov 15/00 **SIGNED BY.** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
L25+00N 27+00E	.40	10.84	3.47	37.3	28	7.5	4.8	234	1.71	.9	.2	.8	1.2	26 6	.02	.07	.06	58	.27	.033	2.9	15.7	.19	105.8	.092	2	.99	.012	.09	<.2	1.6	.03	<.01	7	.3	<.02	3.6	15
L25+00N 27+25E	.40	10.15	3.47	75.7	37	7.4	4.3	408	1.76	.8	.2	43.0	1.2	28.5	.08	.09	.07	62	.32	.031	3.0	16.5	.19	136.2	.091	2	.91	.012	.13	<.2	1.5	.03	<.01	16	.3	.02	3.6	15
L25+00N 27+50E	.44	9.88	3.13	45.5	27	7.2	4.2	239	1.78	.8	.2	2.0	1.1	26.2	.04	.08	.05	64	.29	.026	3.3	16.5	.18	92.7	.094	1	.85	.012	.13	<.2	1.5	.03	<.01	11	.2	<.02	3.3	15
L25+00N 27+75E	.37	9.66	2.58	30.6	18	5.5	3.9	193	1.63	.6	.2	<.2	1.3	32.1	.03	.13	.04	62	.33	.013	3.3	15.3	.16	85.3	.097	<1	.70	.012	.09	<.2	1.7	.02	<.01	11	.2	.02	2.6	15
L25+00N 28+00E	.33	8.36	2.63	35.4	14	5.9	3.4	250	1.64	.7	.2	.4	1.0	28.3	.03	.08	.04	59	.31	.024	3.5	13.9	.14	71.1	.094	1	.77	.014	.13	<.2	1.5	.03	<.01	13	<.1	<.02	2.9	15
L25+00N 28+25E	.30	9.37	2.34	33.3	10	5.2	3.9	237	1.80	.7	.2	<.2	.9	27.9	.05	.09	.04	69	.31	.022	3.3	15.6	.14	67.1	.091	<1	.72	.011	.10	<.2	1.5	.02	<.01	6	<.1	<.02	2.7	15
L25+00N 28+50E	.31	8.35	3.13	59.7	19	6.6	4.2	340	1.66	1.1	.1	1.5	1.0	31.6	.06	.08	.05	55	.32	.041	3.3	15.7	.20	130.4	.096	3	.96	.015	.17	<.2	1.7	.04	<.01	14	<.1	<.02	3.5	15
L25+00N 28+75E	.37	10.92	2.90	31.8	9	6.7	5.1	264	1.97	1.0	.2	1.0	1.0	35.6	.05	.12	.05	74	.37	.019	3.7	17.4	.27	76.6	.112	1	1.03	.016	.14	<.2	2.1	.03	<.01	11	.2	.02	3.4	15
L25+00N 29+00E	.47	25.18	3.14	30.1	18	9.1	6.5	347	2.39	.9	.3	<.2	1.4	35.7	.04	.10	.05	91	.38	.027	5.3	19.4	.27	83.9	.094	1	1.13	.014	.11	<.2	2.2	.03	<.01	16	<.1	.02	3.6	15
L25+00N 29+25E	.45	16.51	8.94	62.7	15	11.6	10.8	623	2.53	1.4	.3	.4	1.4	46.8	.10	.13	.07	70	.64	.031	6.2	21.0	.60	129.5	.116	2	2.48	.015	.21	<.2	4.7	.05	<.01	20	.2	.03	6.5	15
L25+00N 29+50E	.72	12.84	3.38	43.6	14	7.9	5.4	630	2.02	1.4	.3	.2	1.9	32.9	.06	.10	.06	75	.36	.021	4.7	18.2	.21	111.7	.104	1	.98	.015	.14	<.2	2.1	.03	<.01	9	.3	.02	3.6	15
L25+00N 29+75E	.47	14.34	2.95	55.7	22	8.3	5.6	547	2.12	1.2	.2	.5	1.1	33.6	.08	.11	.05	78	.38	.025	4.4	18.9	.20	120.5	.095	2	1.03	.014	.14	<.2	2.0	.03	<.01	9	.1	.02	3.7	15
L25+00N 30+00E	.52	15.08	3.42	45.7	15	7.1	5.6	425	2.05	1.1	.2	.5	1.1	32.7	.08	.11	.05	77	.41	.028	3.3	16.9	.23	104.5	.088	2	.88	.013	.14	<.2	1.9	.02	<.01	14	.1	<.02	3.2	15
L25+00N 30+25E	.38	19.49	3.22	49.9	36	6.7	4.3	196	1.75	1.0	.1	.3	.8	28.9	.05	.08	.06	60	.29	.034	2.9	15.5	.19	101.0	.098	1	.96	.014	.08	<.2	1.7	.03	.01	10	<.1	.02	3.5	15
L25+00N 30+50E	.49	21.48	3.84	53.4	28	10.3	7.9	421	2.36	1.2	.3	.4	1.3	36.6	.09	.12	.07	79	.41	.018	4.6	22.1	.37	108.9	.117	1	1.50	.017	.12	<.2	3.2	.04	<.01	17	.2	<.02	4.7	15
L25+00N 30+75E	.33	14.32	2.37	32.1	22	5.9	5.1	267	2.06	1.4	.2	1.7	.9	33.3	.04	.12	.04	80	.38	.042	3.3	16.3	.21	65.7	.090	1	.87	.013	.06	<.2	1.9	.02	.01	19	.1	.02	3.1	15
L25+00N 31+00E	.53	26.01	5.64	50.8	30	10.8	9.5	891	2.37	1.8	.3	1.1	1.2	42.0	.09	.13	.07	79	.44	.029	5.2	20.2	.44	151.4	.114	1	1.67	.019	.14	<.2	3.2	.04	.01	31	.1	<.02	4.9	15
L25+00N 31+25E	.46	16.24	3.93	58.0	43	10.8	7.3	334	2.28	1.7	.2	.6	1.1	34.7	.07	.10	.07	74	.36	.048	2.8	21.9	.37	119.7	.111	1	1.65	.013	.07	<.2	2.3	.04	.01	17	.1	<.02	4.7	15
RE L25+00N 31+25E	.48	17.10	4.26	57.5	39	10.7	7.6	323	2.26	1.7	.1	3.5	1.1	35.5	.06	.11	.08	73	.37	.048	3.2	21.0	.36	113.6	.116	1	1.68	.013	.07	<.2	2.3	.04	<.01	18	<.1	.03	5.2	15
L25+00N 31+50E	.53	20.57	5.87	129.0	33	16.0	9.5	800	2.25	2.2	.2	.3	1.4	34.8	.08	.10	.11	58	.41	.126	4.3	22.0	.41	183.0	.118	1	2.59	.016	.11	<.2	2.8	.06	<.01	26	.3	<.02	7.2	15
L25+00N 31+75E	.43	18.00	3.66	61.7	34	10.6	7.9	408	2.40	1.6	.2	<.2	1.1	39.9	.04	.10	.07	77	.43	.031	3.4	20.9	.45	114.2	.114	1	1.80	.022	.14	<.2	3.2	.04	<.01	15	.4	<.02	5.5	15
L25+00N 32+00E	.31	9.83	2.89	67.3	26	7.3	5.5	270	1.62	1.5	<.1	.5	.7	29.1	.03	.05	.07	47	.34	.032	2.2	12.6	.32	119.0	.078	<1	1.48	.017	.09	<.2	2.0	.03	<.01	14	.3	<.02	4.8	15
L25+00N 32+25E	.34	15.17	4.61	73.4	23	10.1	7.0	367	1.82	1.6	.1	.6	1.1	29.8	.04	.08	.10	49	.35	.030	2.9	16.2	.39	145.4	.100	1	1.90	.024	.13	<.2	2.7	.05	<.01	18	.3	<.02	5.4	15
L25+00N 32+50E	.79	17.60	3.55	105.6	46	8.5	5.8	972	1.62	1.8	.1	.3	1.0	38.5	.10	.07	.08	45	.43	.098	3.2	13.7	.29	230.0	.068	1	1.59	.019	.08	<.2	2.3	.04	<.01	20	.4	<.02	4.8	15
L25+00N 32+75E	.60	15.38	3.13	40.7	30	8.5	7.1	390	1.92	2.2	.1	.5	.8	33.8	.04	.07	.07	58	.45	.066	2.9	13.5	.41	137.7	.065	1	1.82	.024	.09	<.2	2.6	.03	.01	18	.2	.02	5.4	15
L25+00N 33+00E	.61	12.75	3.13	56.8	34	6.7	5.1	514	1.48	1.7	<.1	.2	.7	30.0	.06	.06	.06	43	.43	.051	2.5	11.7	.27	162.2	.068	1	1.35	.020	.11	<.2	2.0	.03	<.01	24	.3	.03	4.1	15
L25+00N 33+25E	.33	13.73	2.52	49.3	36	7.0	5.8	356	2.03	1.5	.1	.8	1.0	28.0	.03	.08	.05	72	.34	.032	2.5	14.9	.27	108.9	.080	<1	1.28	.021	.07	<.2	2.2	.03	.01	<5	.3	<.02	4.1	15
L25+00N 33+50E	.53	23.27	3.70	34.9	33	8.0	6.2	332	1.90	1.8	.3	<.2	1.1	32.6	.03	.10	.06	60	.48	.030	5.7	15.3	.29	97.2	.081	1	1.40	.021	.12	<.2	2.3	.03	.02	29	.2	.02	4.0	15
L25+00N 33+75E	.54	10.60	3.25	38.7	26	7.1	5.4	502	1.62	2.1	.1	2.9	.7	32.6	.05	.07	.06	47	.48	.046	2.4	12.6	.26	142.2	.072	3	1.32	.018	.17	<.2	1.8	.03	.02	25	<.1	<.02	4.0	15
L25+00N 34+00E	.46	25.01	3.08	32.8	48	9.7	7.2	257	2.23	2.1	.5	.7	1.2	28.4	.04	.08	.05	73	.40	.062	5.2	17.2	.33	99.1	.081	<1	1.56	.022	.08	<.2	2.4	.03	.01	14	.1	<.02	4.8	15
L25+00N 34+25E	1.08	21.82	2.93	33.9	47	7.2	6.3	369	1.92	2.0	.3	<.2	.8	29.6	.04	.08	.05	62	.42	.050	3.8	14.3	.29	97.4	.072	1	1.41	.019	.07	<.2	2.1	.02	.01	24	.4	<.02	4.5	15
L25+00N 34+50E	.30	206.62	3.77	27.8	217	11.7	7.2	352	1.94	2.8	1.6	1.8	1.1	46.2	.12	.14	.06	54	1.10	.030	17.0	15.9	.35	120.3	.073	1	1.80	.023	.07	<.2	2.8	.05	.03	53	1.0	.02	5.0	15
L25+00N 34+75E	.83	41.04	3.47	32.1	45	8.9	6.6	424	1.73	2.2	.8	.4	.9	25.1	.05	.08	.05	52	.44	.021	6.2	14.1	.31	105.9	.081	1	1.51	.017	.10	<.2	2.3	.03	.02	16	.4	<.02	4.6	15
STANDARD DS2	14.58	128.54	33.93	152.8	266	35.7	12.2	818	3.07	58.6	18.8	212.4	3.6	26.3	10.34	9.02	10.76	75	.53	.089	17.0	163.9	.60	149.8	.095	1	1.73	.028	.15	7.0	2.7	1.92	.03	228	2.4	1.70	6.1	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
L25+00N 35+00E	.76	34.55	3.72	34.2	40	7.8	6.2	276	1.75	.8	.7	1.4	1.0	30.2	.07	.09	.08	47	.50	.036	5.1	15.1	.31	104.3	.083	2	1.48	.019	.19	<.2	2.5	.03	.03	23	.5	.02	4.7	15
L25+00N 35+25E	1.79	32.08	3.99	21.9	45	7.3	5.3	189	1.57	.9	.7	1.3	.9	22.1	.06	.10	.07	47	.51	.022	4.6	12.7	.24	66.8	.077	2	1.36	.021	.06	<.2	2.0	.03	.04	32	.3	<.02	4.5	15
L25+00N 35+50E	.72	18.20	2.89	24.7	25	6.8	5.6	301	1.58	1.1	.4	.6	.8	26.5	.04	.07	.06	44	.49	.033	3.5	11.4	.29	112.3	.054	2	1.36	.017	.16	<.2	2.5	.02	.01	21	.3	.02	4.1	15
L25+00N 35+75E	1.09	35.70	4.00	34.0	44	8.8	6.9	498	1.89	1.4	.9	.2	.7	33.6	.08	.11	.06	63	.66	.034	4.6	14.5	.34	124.4	.061	2	1.45	.018	.09	<.2	2.3	.02	.03	28	.2	.03	4.6	15
L25+00N 36+00E	.88	29.96	3.52	27.3	40	8.2	6.5	374	1.88	1.7	.8	.7	.7	33.7	.08	.11	.06	65	.63	.031	4.2	13.8	.30	114.7	.068	3	1.35	.017	.10	<.2	2.2	.03	.04	29	.3	.02	4.4	15
L25+00N 36+25E	1.87	15.21	3.39	27.6	33	7.9	5.7	163	1.60	1.5	.2	.8	.7	28.5	.05	.10	.07	52	.35	.020	2.6	12.9	.30	72.6	.072	1	1.43	.014	.06	<.2	2.1	.02	.01	18	.4	.04	5.1	15
L25+00N 36+50E	.54	37.85	4.35	98.2	42	15.3	10.9	619	2.64	3.1	.3	1.3	1.5	41.1	.08	.15	.08	69	.37	.288	4.3	18.6	.68	274.7	.129	2	2.39	.013	.10	<.2	3.6	.05	.02	36	.4	.02	8.4	15
L25+00N 36+75E	.38	21.47	4.36	52.4	20	12.2	7.6	383	2.34	2.1	.3	.3	1.4	31.8	.06	.15	.08	73	.36	.064	3.6	20.1	.41	178.7	.116	1	2.09	.012	.05	<.2	2.6	.04	.01	14	.5	.03	6.8	15
L25+00N 37+00E	.39	13.70	4.05	49.1	16	9.6	6.0	386	2.08	1.5	.2	.9	1.1	30.0	.04	.12	.08	66	.36	.035	2.9	16.8	.36	169.2	.106	1	1.73	.012	.06	<.2	2.3	.04	.02	17	.4	<.02	5.9	15
L25+00N 37+25E	.44	17.43	2.78	57.7	18	8.6	6.2	735	2.09	1.5	.2	.5	1.0	25.2	.08	.10	.06	74	.38	.039	3.0	15.0	.30	184.3	.099	3	1.31	.015	.08	<.2	2.2	.03	.01	19	.2	<.02	4.6	15
L25+00N 37+50E	.87	12.17	3.24	25.6	19	7.0	5.5	267	1.85	1.4	2	<.2	.7	25.4	.04	.12	.06	66	.38	.015	2.8	14.1	.24	97.3	.102	1	1.17	.014	.07	<.2	1.8	.02	.02	20	.3	<.02	4.3	15
L25+00N 37+75E	.60	34.11	7.57	102.0	27	21.5	8.8	980	2.49	3.3	4	.7	1.7	33.7	.16	.17	.14	60	.57	.304	4.4	23.9	.48	405.2	.121	3	2.93	.011	.14	<.2	2.5	.05	.02	39	.5	.03	10.0	15
L25+00N 38+00E	.40	13.59	4.88	106.9	14	10.8	8.4	903	2.22	2.1	.2	.7	1.0	28.6	.12	.11	.09	62	.48	.079	3.3	14.2	.55	212.6	.130	3	2.18	.010	.14	<.2	3.6	.05	.01	20	.3	.02	8.1	15
L25+00N 38+25E	.49	23.48	5.54	79.3	14	13.3	10.8	1029	2.65	2.1	.2	<.2	1.3	28.9	.09	.12	.10	79	.42	.052	3.8	17.1	.60	269.1	.159	2	2.45	.011	.10	<.2	3.8	.08	.01	46	.3	.04	8.7	15
L25+00N 38+50E	.36	8.79	3.27	41.2	24	7.6	4.4	305	1.62	1.2	.2	.9	.7	19.8	.03	.09	.06	55	.28	.026	2.3	14.6	.21	130.0	.096	1	1.10	.011	.07	<.2	1.6	.03	.01	13	.2	<.02	4.1	15
L25+00N 38+75E	.45	11.08	3.99	50.3	27	9.1	5.5	295	1.88	1.3	.2	.5	.8	22.8	.04	.10	.08	63	.30	.030	2.5	15.9	.25	149.6	.112	1	1.53	.012	.06	<.2	1.7	.04	<.01	12	.1	.02	5.2	15
L25+00N 39+00E	.38	8.05	3.25	37.8	14	7.0	4.4	408	1.71	1.5	.2	<.2	.8	27.9	.05	.10	.06	57	.37	.048	2.4	13.2	.21	131.9	.097	2	1.19	.011	.10	<.2	1.8	.02	.01	22	.2	<.02	4.3	15
L25+00N 39+25E	.40	11.75	3.61	49.2	25	8.4	4.1	247	1.62	1.3	.2	<.2	.8	20.0	.02	.09	.08	54	.28	.035	2.9	14.6	.21	105.8	.099	1	1.25	.012	.06	<.2	1.6	.03	.01	16	.3	<.02	4.4	15
L25+00N 39+50E	.44	13.37	3.47	54.0	26	9.2	5.5	313	1.83	1.7	.2	1.3	1.0	21.6	.03	.10	.07	58	.27	.106	2.4	15.5	.24	179.8	.085	1	1.44	.010	.07	<.2	1.6	.02	<.01	19	.1	.02	5.1	15
L25+00N 39+75E	.51	24.01	3.78	47.7	33	7.9	5.2	445	1.69	1.5	.4	<.2	.9	33.2	.04	.12	.06	55	.45	.046	7.7	14.2	.26	109.8	.087	2	1.38	.013	.07	<.2	1.8	.03	.01	21	.3	<.02	4.7	15
L25+00N 40+00E	.38	191.24	4.34	36.6	202	15.9	7.3	231	2.02	2.3	2.3	1.0	1.3	49.8	.08	.16	.08	58	1.47	.048	16.7	18.5	.40	140.7	.089	3	2.18	.021	.06	<.2	3.1	.05	.04	70	.9	.02	6.6	15
L25+00N 40+25E	.93	33.78	4.01	34.5	34	9.0	6.4	181	1.89	2.2	.5	.5	1.3	27.4	.04	.13	.07	58	.60	.019	4.1	17.9	.29	72.4	.099	2	1.34	.014	.08	<.2	2.2	.03	.02	30	.2	.02	4.6	15
L25+00N 40+50E	1.28	15.30	3.97	72.1	46	10.3	5.7	741	1.90	2.4	.2	<.2	1.0	25.8	.10	.10	.07	59	.46	.108	2.8	15.2	.25	221.1	.083	3	1.42	.011	.11	<.2	1.8	.02	.02	41	.3	.03	5.0	15
RE L25+00N 40+50E	1.30	15.21	4.23	69.9	47	10.4	5.5	765	1.80	2.4	.2	<.2	1.0	25.2	.11	.11	.08	55	.45	.116	2.9	14.0	.24	226.5	.076	3	1.34	.010	.11	<.2	1.6	.02	.03	32	.4	<.02	5.0	15
L25+00N 40+75E	.69	10.19	2.68	49.8	40	6.3	4.3	529	1.69	1.7	.2	<.2	.7	22.5	.04	.08	.05	60	.39	.044	2.4	12.9	.19	123.3	.079	2	.90	.009	.07	<.2	1.4	.02	.01	27	.3	<.02	3.4	15
L25+00N 41+00E	.88	13.37	3.00	49.7	21	7.1	4.3	299	1.73	1.8	.1	<.2	.7	15.7	.03	.08	.07	58	.25	.058	1.9	13.6	.19	101.8	.089	2	1.09	.010	.05	<.2	1.4	.02	<.01	9	.1	<.02	4.3	15
L25+00N 41+25E	.53	7.51	4.44	64.8	26	6.4	3.8	400	1.30	1.5	.1	<.2	.7	16.0	.03	.05	.09	33	.21	.066	2.0	11.0	.14	176.3	.080	1	1.15	.011	.06	<.2	1.3	.03	.01	14	<.1	<.02	4.5	15
L25+00N 41+50E	.69	10.80	2.85	52.4	30	7.0	4.6	403	1.90	1.6	.2	<.2	.7	17.7	.04	.09	.05	67	.31	.091	2.2	12.3	.19	99.5	.082	1	1.07	.008	.05	<.2	1.5	.02	.01	9	<.1	<.02	4.4	15
L25+00N 41+75E	.38	28.79	4.08	35.3	90	6.0	4.3	366	1.24	1.5	.5	4.1	.8	20.6	.04	.07	.07	33	.31	.032	9.6	9.8	.16	80.3	.063	1	1.27	.011	.06	<.2	1.7	.03	.02	14	.1	.02	4.3	15
L25+00N 42+00E	.46	20.86	4.29	47.9	58	9.1	4.5	168	1.51	1.6	.2	.8	.9	13.0	.02	.08	.09	43	.16	.060	3.1	12.4	.17	104.2	.080	1	1.48	.011	.04	<.2	1.5	.02	.01	9	.1	<.02	5.1	15
L25+00N 42+25E	.54	22.00	4.02	43.6	46	10.5	4.8	189	1.71	1.6	.2	1.0	.8	19.4	.02	.09	.07	50	.26	.071	3.2	13.5	.24	116.3	.082	1	1.55	.009	.07	<.2	1.6	.02	.02	21	.2	<.02	5.4	15
L25+00N 42+50E	.59	22.38	4.31	51.0	52	12.5	5.8	341	1.91	2.0	.2	<.2	1.1	19.8	.03	.10	.09	56	.27	.154	3.0	16.9	.26	178.2	.085	<1	1.66	.010	.06	<.2	1.7	.03	.01	16	<.1	.02	6.1	15
L25+00N 42+75E	.57	18.72	4.41	59.0	36	14.2	6.4	341	1.98	1.7	.3	.3	1.1	21.3	.05	.10	.09	55	.35	.182	3.3	16.7	.30	196.6	.087	1	1.79	.010	.07	<.2	1.8	.02	.01	25	<.1	<.02	6.3	15
STANDARD DS2	14.38	128.53	34.24	155.5	261	35.9	12.5	828	3.09	58.0	18.9	212.2	3.6	27.3	10.93	9.16	10.97	76	.53	.088	17.4	164.3	.60	150.0	.095	2	1.72	.029	.15	6.9	2.8	1.93	.02	226	2.4	1.86	6.3	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
L25+00N 43+00E	.29	14.59	5.25	53.2	43	10.1	4.8	144	1.48	1.3	.4	.4	1.3	19.9	.02	.08	.11	33	.26	.139	2.9	12.6	.18	192.2	.083	1	1.74	.013	.06	<.2	1.4	.03	.03	13	.3	.02	6.1	15
L25+00N 43+25E	.49	17.28	3.91	48.4	41	10.4	5.5	163	1.85	1.4	.3	.4	1.1	18.7	.04	.12	.08	57	.26	.071	2.9	15.1	.27	142.9	.088	<1	1.41	.009	.05	<.2	1.4	.02	.02	20	.4	<.02	5.5	15
L25+00N 43+50E	.52	23.60	3.69	26.6	44	8.1	4.4	102	1.53	1.1	.3	.3	.7	16.4	.02	.08	.08	49	.25	.012	2.8	12.8	.22	87.0	.082	<1	1.15	.009	.04	<.2	1.2	.03	<.01	7	.2	.02	4.3	15
L25+00N 43+75E	.61	42.46	7.57	71.2	35	16.7	9.3	783	2.49	3.5	.4	.6	1.4	30.9	.09	.16	.13	72	.49	.113	5.2	22.8	.43	377.2	.117	2	3.09	.008	.08	<.2	1.9	.06	<.01	30	.2	<.02	9.8	15
RE L25+00N 43+75E	61	42.33	7.37	71.8	34	16.8	9.0	781	2.51	3.7	.4	.8	1.5	32.7	.09	.17	.14	72	.49	.113	5.3	23.0	.44	381.2	.118	1	3.11	.008	.09	<.2	2.1	.06	.01	33	.4	.03	10.1	15
L25+00N 44+00E	58	25.48	5.81	90.8	31	9.5	6.6	455	1.96	2.5	.2	.5	1.0	17.8	.06	.12	.12	53	.32	.212	2.8	14.0	.27	255.0	.090	2	1.66	.008	.05	<.2	1.5	.05	.01	31	.2	<.02	6.9	15
L25+00N 44+25E	81	69.09	6.93	53.2	62	15.5	10.1	773	2.34	2.6	.8	.3	1.9	30.8	.11	.15	.12	70	.64	.021	7.3	22.4	.45	353.1	.110	2	2.22	.009	.13	<.2	3.0	.05	<.01	32	.3	.02	7.2	15
L25+00N 44+50E	.52	41.56	4.40	53.6	30	10.7	7.7	568	2.12	2.7	.5	.5	1.8	29.0	.08	.14	.07	72	.54	.073	5.6	16.6	.36	188.3	.085	2	1.33	.008	.15	<.2	1.9	.03	<.01	16	.1	<.02	5.1	15
L25+00N 44+75E	.71	33.07	5.35	65.5	53	14.3	8.0	470	2.08	3.4	.4	.2	1.3	15.1	.08	.10	.11	58	.27	.186	4.0	17.3	.29	206.7	.084	1	1.99	.011	.05	<.2	1.7	.03	<.01	22	.3	<.02	6.7	15
L25+00N 45+00E	.74	37.62	6.06	78.9	49	16.4	8.6	616	1.99	3.4	.3	.9	1.4	16.0	.08	.12	.11	56	.25	.146	3.2	15.9	.30	181.7	.101	1	2.14	.012	.06	<.2	1.6	.05	<.01	26	.1	.02	7.3	15
STANDARD DS2	13.90	125.40	33.40	152.2	251	36.0	12.4	799	3.01	54.0	18.8	194.0	3.6	27.8	10.17	9.15	10.80	74	.52	.088	16.8	159.5	.58	145.0	.090	3	1.69	.029	.16	6.8	2.7	1.88	.01	227	2.2	1.90	6.4	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hayes, T. PROJECT GORD File # A004595 Page 1

1704 - 555 Austin Ave, Coquitlam BC V3K 6R8 Submitted by: Ted Hayes

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
45+00N 115+00E	.32	21.74	4.06	90.2	43	9.1	5.5	462	2.29	1.0	.2	.8	1.4	19.0	.04	.07	.13	83	.20	.084	2.1	16.2	.22	205.9	.088	1	1.43	.008	.07	<.2	1.1	.04	.01	12	.1	<.02	4.8	15
45+00N 115+25E	.32	25.18	3.75	46.0	24	9.6	6.3	479	2.22	.7	.3	1.5	2.0	30.6	.05	.08	.10	79	.33	.036	3.3	15.8	.32	182.7	.118	1	1.27	.007	.14	<.2	1.4	.05	<.01	10	<.1	<.02	4.2	15
45+00N 115+50E	.61	26.69	4.53	64.9	46	10.9	5.4	449	1.95	2.6	.3	.4	1.8	31.0	.06	.09	.10	63	.47	.194	2.7	15.2	.26	254.4	.090	5	1.46	.009	.26	<.2	1.1	.03	<.01	19	<.1	<.02	4.9	15
45+00N 115+75E	.75	35.25	5.42	49.7	66	9.8	5.8	472	2.20	1.0	.4	1.3	2.0	32.4	.05	.10	.09	75	.39	.094	3.2	16.2	.28	221.8	.095	1	1.44	.008	.09	<.2	1.4	.03	.01	26	<.1	<.02	4.8	15
45+00N 116+00E	.32	27.38	4.52	105.6	32	9.9	5.3	613	1.70	1.0	.3	<.2	2.0	31.3	.09	.08	.09	51	.38	.092	2.7	11.6	.28	253.7	.103	2	1.45	.010	.12	<.2	1.2	.05	.01	18	.2	<.02	5.1	15
45+00N 116+25E	.31	27.95	4.81	68.8	68	12.8	6.9	377	2.31	1.2	.3	.5	2.1	32.4	.05	.10	.08	74	.32	.074	3.3	19.2	.33	229.4	.114	2	1.99	.010	.13	<.2	1.7	.05	.01	16	.3	<.02	6.4	15
45+00N 116+50E	.33	22.63	3.90	58.8	29	10.4	6.5	621	2.67	1.1	.3	.3	2.7	39.0	.04	.11	.07	100	.36	.063	3.2	19.8	.29	182.0	.095	2	1.36	.006	.13	<.2	1.4	.04	.01	11	.3	<.02	4.9	15
45+00N 116+75E	.33	16.50	3.73	49.5	31	8.3	4.8	267	1.87	.8	.3	.5	2.0	23.6	.03	.09	.06	63	.24	.074	2.4	13.4	.20	159.9	.079	2	1.37	.008	.07	<.2	1.3	.03	<.01	9	.2	<.02	4.7	15
45+00N 117+00E	.40	18.21	3.56	62.1	41	8.3	4.7	434	1.95	1.0	.3	<.2	1.8	23.8	.04	.10	.05	70	.26	.078	2.7	14.6	.20	177.5	.082	2	1.18	.008	.07	<.2	1.3	.03	<.01	15	.2	<.02	4.0	15
45+00N 117+25E	.39	21.18	3.81	83.9	30	8.7	5.1	566	1.85	.8	.3	.3	1.6	31.7	.05	.09	.06	57	.33	.050	2.6	12.4	.26	203.8	.104	2	1.43	.009	.10	<.2	1.3	.05	<.01	16	.2	<.02	4.7	15
45+00N 117+50E	.36	11.97	3.03	64.0	26	6.6	4.7	452	1.57	.5	.2	.5	1.4	20.9	.03	.07	.05	52	.23	.032	1.9	10.7	.20	165.0	.105	2	1.09	.009	.11	<.2	1.1	.05	<.01	6	.1	<.02	3.9	15
45+00N 117+75E	.39	22.48	3.55	65.8	17	8.4	4.9	472	2.39	1.0	.3	.4	1.6	21.7	.05	.09	.05	92	.32	.070	2.4	17.2	.19	137.2	.079	1	1.03	.006	.08	<.2	1.0	.03	.01	16	.1	<.02	4.1	15
45+00N 118+00E	.29	27.20	3.47	66.2	36	7.0	4.6	492	1.94	.8	.3	.5	2.2	26.0	.05	.08	.05	67	.31	.050	2.8	12.8	.19	197.0	.078	1	1.03	.006	.08	<.2	1.0	.03	.01	14	.2	<.02	3.8	15
45+00N 118+25E	.37	21.63	3.66	75.5	26	8.7	5.5	569	2.10	1.3	.3	.5	1.9	27.8	.04	.10	.06	74	.32	.044	2.7	15.0	.26	170.6	.104	2	1.30	.007	.10	<.2	1.3	.04	.01	14	1	<.02	4.4	15
45+00N 118+50E	.28	13.84	2.65	36.1	33	6.7	4.3	233	1.98	.7	.3	<.2	1.7	21.3	.02	.08	.05	71	.27	.036	2.6	14.0	.18	131.6	.087	2	1.03	.008	.11	<.2	1.1	.03	<.01	11	.1	<.02	3.8	15
45+00N 118+75E	.28	31.82	9.40	34.5	39	7.2	5.2	171	2.45	1.0	.5	.8	2.3	30.1	.05	.13	.05	95	.31	.038	3.4	16.4	.22	115.8	.088	1	.95	.008	.08	.3	1.2	.02	<.01	10	.1	<.02	3.6	15
45+00N 119+00E	.41	25.75	4.36	100.0	59	9.7	6.2	753	2.09	1.0	.3	.2	2.4	36.6	.05	.11	.08	69	.37	.057	3.3	14.2	.31	235.9	.107	2	1.47	.007	.11	<.2	1.4	.05	<.01	23	.1	<.02	4.9	15
45+00N 119+25E	.26	22.40	3.26	48.1	21	8.3	5.4	298	2.45	.7	.4	.5	2.2	30.2	.03	.10	.06	93	.30	.029	2.8	17.2	.25	134.3	.093	3	1.12	.006	.17	<.2	1.2	.04	<.01	8	<.1	<.02	4.0	15
45+00N 119+50E	.39	17.03	4.01	90.9	28	10.0	5.8	577	1.88	.9	.3	.4	1.7	25.6	.04	.09	.08	61	.26	.034	2.5	13.1	.25	205.7	.113	1	1.48	.010	.11	<.2	1.3	.05	.01	9	.1	<.02	4.9	15
45+00N 119+75E	.60	17.98	4.31	82.4	26	9.3	5.9	654	1.83	.6	.2	2.3	1.4	38.1	.07	.09	.07	61	.45	.043	2.5	11.7	.26	177.1	.109	2	1.23	.008	.13	<.2	1.2	.05	<.01	12	<.1	<.02	4.1	15
45+00N 120+00E	.33	12.56	3.27	74.9	26	9.1	4.9	531	2.06	.7	.2	.9	1.4	21.2	.03	.08	.06	74	.26	.047	2.1	14.3	.20	166.4	.094	1	1.10	.008	.10	<.2	1.1	.04	.01	8	<.1	<.02	4.1	15
45+00N 120+25E	.69	11.48	3.72	46.2	22	8.6	4.6	402	1.81	.9	.2	.3	1.5	17.8	.04	.07	.07	61	.29	.075	1.9	13.5	.16	199.5	.079	2	1.10	.008	.06	<.2	.9	.03	<.01	14	<.1	<.02	4.1	15
45+00N 120+50E	.54	13.52	3.93	88.2	35	8.1	3.9	438	1.12	1.0	.2	.6	1.3	17.5	.04	.05	.08	27	.23	.166	2.4	7.9	.13	229.1	.074	1	1.37	.009	.08	<.2	1.3	.04	<.01	12	.1	<.02	4.4	15
RE 45+00N 120+50E	.52	13.17	3.87	90.9	35	8.4	3.9	438	1.15	.9	.2	<.2	1.4	17.0	.05	.05	.08	28	.24	.163	2.4	8.3	.14	229.6	.077	2	1.40	.010	.08	<.2	1.3	.04	<.01	12	.1	<.02	4.4	15
45+00N 120+75E	.53	9.76	2.87	23.7	25	4.2	3.3	155	1.30	.5	.3	.6	1.3	19.9	.02	.09	.06	41	.21	.018	2.0	10.8	.14	95.1	.086	1	.86	.006	.07	<.2	1.1	.03	<.01	6	<.1	<.02	2.9	15
45+00N 121+00E	.38	27.06	3.64	53.0	17	7.9	5.1	556	2.14	.8	.4	.5	2.1	22.8	.04	.10	.07	78	.27	.027	2.8	14.7	.23	136.3	.098	1	1.07	.006	.10	<.2	1.1	.04	.01	15	.1	<.02	3.9	15
45+00N 121+25E	.40	21.04	3.73	93.3	37	9.4	5.6	425	1.65	.8	.3	1.3	1.9	23.2	.06	.09	.07	53	.28	.047	2.3	12.4	.24	147.2	.110	1	1.23	.007	.09	<.2	1.2	.05	<.01	12	<.1	<.02	4.2	15
45+00N 121+50E	.34	17.53	3.24	62.1	17	7.0	4.6	563	1.90	.6	.4	1.3	2.4	22.3	.05	.10	.06	68	.24	.021	2.6	14.0	.19	151.2	.091	2	.97	.007	.10	<.2	1.3	.04	<.01	11	.1	<.02	3.5	15
45+00N 121+75E	.24	21.55	4.24	72.4	24	7.7	5.1	509	1.85	1.3	.3	1.0	2.4	38.6	.06	.12	.09	57	.40	.035	3.8	13.5	.25	243.8	.103	2	1.29	.008	.16	<.2	1.6	.05	.01	15	.1	<.02	4.4	15
45+00N 122+00E	.38	37.33	5.05	79.6	17	11.3	7.9	884	2.34	1.5	.5	2.2	4.0	39.6	.07	.16	.09	73	.38	.031	6.4	16.2	.39	271.6	.124	2	1.64	.009	.25	<.2	2.1	.08	<.01	20	.1	<.02	5.6	15
45+00N 122+25E	.33	14.53	3.85	86.3	24	7.7	5.0	739	1.44	.6	.3	.9	1.7	26.9	.07	.08	.07	42	.25	.033	2.9	8.9	.23	256.4	.083	2	1.28	.009	.09	<.2	1.2	.05	<.01	13	.1	<.02	4.1	15
45+00N 122+50E	.32	23.81	3.00	42.4	19	8.5	6.5	501	2.71	.9	.5	.6	3.6	29.5	.05	.14	.05	108	.27	.018	3.9	18.9	.27	110.9	.088	1	.84	.006	.11	<.2	1.3	.04	.01	13	.1	<.02	3.9	15
45+00N 122+75E	.36	47.62	3.90	76.1	21	11.6	7.9	731	2.50	1.0	.5	.6	2.9	44.2	.08	.14	.07	81	.39	.026	4.8	17.4	.42	191.3	.110	2	1.39	.007	.16	<.2	1.8	.05	<.01	17	.2	<.02	4.9	15
STANDARD DS2	13.83	128.45	32.23	153.0	272	33.9	11.4	808	3.06	56.3	18.0	198.6	3.9	28.5	10.03	9.59	11.11	75	.52	.087	14.7	164.2	.59	151.4	.096	2	1.73	.028	.16	6.9	2.8	1.74	.02	225	2.3	1.87	6.0	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 14 2000 DATE REPORT MAILED: Nov 22/00 SIGNED BY. . . . . D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
45+00N 123+00E	.26	26.87	3.51	66.8	27	10.8	6.9	390	2.97	.8	.5	.7	3.3	32.7	.05	.16	.07	110	.33	.021	4.7	20.6	.31	157.6	.099	2	1.32	.009	.10	<.2	1.6	.05	<.01	15	.1	<.02	4.4	15
45+00N 123+25E	.29	21.00	3.91	118.9	50	8.9	4.8	652	1.48	1.3	.2	.4	1.6	32.5	.10	.07	.08	38	.39	.054	2.8	9.6	.21	255.3	.085	4	1.48	.013	.12	<.2	1.3	.05	.01	15	<.1	<.02	4.7	15
45+00N 123+50E	.46	13.61	4.15	106.9	17	8.3	4.5	573	1.50	.8	.2	.7	1.4	18.8	.05	.08	.08	43	.22	.044	2.2	11.6	.19	196.1	.089	3	1.33	.010	.09	<.2	1.3	.05	<.01	13	<.1	<.02	4.0	15
45+00N 123+75E	.78	21.28	3.65	24.5	11	5.4	4.8	371	1.39	.7	.5	.8	1.8	25.7	.05	.11	.06	49	.40	.011	4.0	14.0	.17	70.4	.081	3	.70	.008	.13	<.2	1.7	.03	<.01	18	.1	<.02	2.3	15
45+00N 124+00E	.64	17.58	2.64	53.5	14	7.1	4.9	439	2.07	.7	.3	4.6	1.8	21.6	.06	.14	.05	82	.30	.017	2.8	20.4	.20	98.0	.095	2	.70	.007	.08	<.2	1.5	.03	<.01	13	.1	<.02	2.6	15
45+00N 124+25E	.37	29.40	4.20	44.6	16	11.1	7.2	510	2.76	1.1	.6	.5	4.0	25.5	.06	.18	.09	109	.34	.018	6.3	28.6	.26	113.1	.106	2	1.06	.008	.12	<.2	2.3	.05	.01	9	.1	<.02	3.7	15
45+00N 124+50E	.41	21.40	3.98	93.3	19	12.5	7.5	832	2.83	1.1	.4	.7	3.2	21.5	.12	.15	.08	110	.31	.033	4.4	24.4	.28	136.1	.106	2	1.24	.012	.14	<.2	2.1	.05	<.01	11	.2	<.02	4.4	15
45+00N 124+75E	.37	20.00	3.08	52.1	15	8.6	5.2	403	2.10	.8	.4	.7	2.1	23.9	.07	.14	.06	80	.29	.016	3.4	18.9	.21	111.7	.096	2	.93	.008	.09	<.2	1.9	.04	<.01	9	.1	<.02	3.1	15
45+00N 125+00E	.39	28.95	3.26	82.9	16	10.3	6.4	740	2.24	1.2	.5	1.7	2.8	28.1	.09	.15	.07	83	.37	.026	5.3	20.9	.25	147.2	.093	1	1.07	.009	.12	<.2	2.2	.04	<.01	17	<.1	<.02	3.5	15
45+00N 125+25E	.29	15.46	2.64	55.4	15	6.9	4.4	283	1.61	.7	.3	.4	1.7	19.8	.05	.10	.09	55	.27	.012	2.6	14.8	.18	89.7	.091	2	.91	.010	.08	<.2	1.6	.04	<.01	10	<.1	<.02	2.8	15
45+00N 125+50E	.35	19.49	3.11	47.0	9	7.9	5.0	312	1.90	.9	.4	1.4	2.4	25.3	.05	.14	.06	69	.31	.017	3.3	18.4	.21	100.9	.100	2	.93	.009	.11	<.2	1.9	.04	<.01	9	<.1	<.02	3.1	15
45+00N 125+75E	.32	33.20	3.28	31.3	6	10.2	7.4	269	2.20	1.1	.5	.3	2.7	26.5	.05	.18	.07	85	.35	.015	6.8	24.6	.27	80.7	.109	1	.86	.008	.13	<.2	2.2	.04	<.01	10	.2	<.02	3.3	15
45+00N 126+00E	.46	25.96	3.57	64.1	13	12.3	7.5	625	2.73	1.2	.5	1.7	3.4	27.3	.09	.19	.08	111	.35	.019	5.7	28.3	.27	112.3	.113	1	.95	.010	.16	<.2	2.3	.05	<.01	12	.3	<.02	3.9	15
45+00N 126+25E	.41	32.66	3.72	71.6	20	14.7	8.3	562	3.11	1.2	.5	.3	3.1	26.8	.10	.16	.07	118	.41	.031	5.8	29.6	.32	144.1	.120	2	1.34	.011	.17	<.2	2.4	.05	<.01	9	.3	<.02	4.7	15
45+00N 126+50E	.37	28.87	3.91	73.4	25	12.5	7.7	294	2.65	1.2	.4	1.7	2.4	27.8	.07	.15	.09	92	.35	.029	4.6	24.5	.33	136.1	.124	1	1.52	.012	.12	<.2	2.6	.05	<.01	11	.2	<.02	4.9	15
45+00N 127+00E	.46	56.15	5.23	90.9	47	14.9	10.2	904	3.21	2.0	.6	.4	3.3	46.2	.12	.17	.11	108	.69	.088	6.8	28.1	.40	230.7	.118	3	1.72	.011	.18	<.2	3.0	.06	.01	23	.2	<.02	5.7	15
45+00N 127+25E	.30	55.53	4.19	68.1	27	14.8	9.1	482	2.97	1.4	.4	.8	3.3	31.8	.08	.15	.10	100	.39	.036	5.0	25.8	.40	172.3	.126	3	1.75	.011	.17	<.2	2.7	.07	<.01	14	.2	<.02	5.4	15
45+00N 127+50E	.58	32.85	3.92	109.9	21	13 8	8.1	825	3.45	1.4	.4	.5	2.7	24.3	.10	.17	.08	137	.37	.037	3.9	33.7	.33	172.5	.111	2	1.18	.009	.14	<.2	2.0	.05	.01	12	.3	<.02	4.6	15
45+00N 127+75E	.54	74.13	4.19	55.4	31	20.0	11.4	518	5.30	2.7	.8	.9	4.8	32.1	.10	.31	.10	231	.49	.064	8.4	52.4	.40	106.3	.115	1	1.16	.009	.11	<.2	3.0	.04	.01	17	.3	<.02	5.3	15
45+00N 128+00E	.41	30.93	3.25	44.3	7	11.1	6.7	451	2.39	1.0	.4	.4	2.7	23.8	.08	.18	.06	96	.37	.012	6.1	26.4	.24	96.0	.111	2	.83	.009	.12	<.2	2.0	.04	<.01	17	.2	<.02	3.3	15
45+00N 128+25E	.37	52.82	4.15	47.8	16	12.3	7.5	371	2.32	1.3	.5	.6	3.2	34.8	.08	.18	.10	73	.47	.025	9.2	22.8	.32	137.6	.119	2	1.42	.011	.20	<.2	3.1	.06	.01	18	.3	<.02	4.6	15
45+00N 128+50E	.59	29.10	5.31	129.4	15	11.3	7.6	1056	2.12	1.2	.5	.8	3.6	28.3	.14	.10	.10	56	.49	.036	6.6	15.0	.33	242.1	.131	3	1.81	.013	.17	<.2	2.4	.08	<.01	20	.2	<.02	5.2	15
45+00N 128+75E	.51	23.67	5.09	113.3	25	11.2	6.1	722	1.92	.9	.4	<.2	2.8	27.8	.11	.09	.10	46	.46	.029	6.0	15.1	.29	216.2	.124	2	1.77	.013	.19	<.2	2.5	.08	.01	17	.2	<.02	5.4	15
45+00N 129+00E	.52	38.97	5.28	107.0	14	13.5	8.4	1042	2.43	1.6	.5	.4	3.7	35.1	.15	.12	.11	71	.55	.036	6.6	21.5	.38	272.2	.135	3	1.69	.012	.23	<.2	3.4	.08	<.01	17	.2	<.02	5.4	15
45+00N 129+25E	.65	53.74	5.44	99.0	11	16.2	9.2	961	2.69	1.4	.5	.7	3.2	32.1	.13	.15	.10	83	.48	.031	7.8	26.2	.41	248.7	.143	2	1.83	.014	.18	<.2	3.1	.08	<.01	23	.2	<.02	5.5	15
45+00N 129+50E	.44	46.90	4.58	62.3	36	12.5	7.8	380	2.53	1.5	.4	.3	2.6	30.0	.08	.14	.10	82	.38	.028	5.1	23.2	.35	126.3	.129	2	1.57	.010	.18	<.2	2.8	.06	<.01	16	.2	<.02	5.2	15
45+00N 129+75E	.47	75.08	3.71	46.0	24	15.4	10.8	597	3.16	1.8	.6	.5	4.1	35.2	.09	.21	.08	118	.43	.033	9.0	30.5	.38	118.5	.114	2	1.21	.008	.16	<.2	2.8	.05	<.01	18	.3	<.02	4.7	15
RE 45+00N 129+75E	.46	76.28	3.76	46.1	24	14.3	9.9	596	2.89	1.8	.7	.4	3.8	35.2	.09	.20	.08	105	.43	.033	9.4	27.0	.39	121.2	.113	2	1.21	.008	.17	<.2	2.9	.05	<.01	14	.3	<.02	4.6	15
45+00N 130+00E	.74	35.23	3.77	94.2	26	12.3	8.0	1057	2.58	1.1	.5	.7	3.4	30.7	.13	.15	.08	89	.39	.022	7.0	21.9	.33	229.4	.113	2	1.24	.010	.19	<.2	2.6	.06	<.01	17	.3	<.02	4.6	15
45+00N 130+25E	.39	17.95	4.47	140.1	13	10.0	6.0	514	1.90	.9	.2	.5	2.0	26.5	.12	.09	.10	50	.36	.031	3.1	16.7	.26	214.1	.111	3	1.65	.012	.14	<.2	2.2	.07	<.01	15	.2	<.02	4.9	15
45+00N 130+50E	.44	26.33	4.47	72.8	26	10.7	7.6	345	2.14	1.1	.4	1.6	2.7	29.8	.08	.12	.09	67	.45	.025	5.0	18.4	.27	190.7	.119	2	1.49	.011	.09	<.2	2.4	.06	<.01	18	.3	<.02	4.6	15
45+00N 130+75E	.37	20.18	4.95	60.7	25	11.1	7.0	251	2.15	1.0	.3	1.7	2.4	24.4	.09	.11	.11	59	.33	.032	3.9	19.9	.30	206.4	.125	1	1.74	.011	.15	<.2	2.5	.06	<.01	12	.1	<.02	5.3	15
45+00N 131+00E	.42	34.99	4.39	71.6	24	11.5	7.2	727	2.20	1.2	.4	.4	2.7	32.5	.13	.15	.09	70	.46	.039	5.8	21.0	.30	216.8	.108	3	1.32	.009	.22	<.2	2.7	.06	<.01	24	.2	<.02	4.2	15
STANDARD DS2	14.35	132.02	33.77	158.5	261	36.1	12.6	839	3.15	62.7	18.0	193.7	3.6	26.7	10.31	9.08	10.58	77	.54	.092	14.9	167.2	.61	151.5	.098	2	1.75	.030	.16	7.1	2.8	1.87	.02	227	2.2	1.91	5.9	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm
45+00N 131+25E	.33	92.20	4.53	78.5	46	16.7	10.5	770	3.00	1.7	.8	.5	4.4	36.3	.12	.16	.09	90	.58	.045	11.9	27.3	.48	214.8	.129	3	1.72	.012	.27	<.2	3.4	.08	.01	29	.2	<.02	5.8	15
45+00N 131+50E	.31	48.23	4.37	67.9	34	12.4	8.5	589	2.42	1.3	.6	.3	3.8	33.9	.12	.14	.09	78	.54	.028	9.2	22.8	.39	187.2	.119	3	1.31	.010	.24	<.2	2.7	.07	<.01	16	.2	<.02	4.8	15
45+00N 131+75E	.46	60.13	4.55	76.4	23	14.1	10.7	1133	2.81	1.3	.7	2.1	5.1	33.3	.19	.16	.09	102	.47	.023	10.5	25.9	.41	185.8	.122	3	1.20	.011	.25	<.2	2.8	.06	.01	16	.1	<.02	5.0	15
45+00N 132+00E	.34	47.69	4.70	106.7	17	13.2	9.3	808	2.53	1.0	.7	1.6	3.9	33.1	.16	.13	.08	83	.52	.029	9.3	20.1	.42	246.4	.123	2	1.34	.011	.22	<.2	2.4	.07	.01	18	.2	.02	5.1	15
45+00N 132+25E	.40	49.93	4.62	94.9	31	12.9	9.3	793	2.80	1.8	.6	1.4	4.7	38.6	.15	.16	.09	95	.53	.059	6.7	24.6	.42	254.5	.123	3	1.34	.010	.23	<.2	2.6	.07	.01	27	<.1	<.02	5.1	15
45+00N 132+50E	.44	28.02	4.93	97.6	29	14.7	8.7	815	2.99	1.7	.5	.6	3.3	25.5	19	16	.10	108	.34	.028	6.8	29.4	.29	193.7	.117	1	1.71	.011	.13	<.2	2.2	.06	.01	13	.5	<.02	6.2	15
45+00N 132+75E	.42	29.39	3.23	107.5	18	13.2	8.0	813	2.93	2.4	.3	1.0	2.9	24.7	.11	.15	.06	116	.33	.035	5.3	27.6	.34	245.6	.108	2	1.18	.010	.13	<.2	1.9	.05	.01	9	.4	<.02	4.7	15
45+00N 133+00E	.30	29.30	3.98	124.7	32	13.3	7.3	527	2.30	1.6	.5	.4	2.8	27.6	.11	.10	.08	67	.36	.032	5.8	17.9	.33	290.7	.118	3	1.91	.015	.20	<.2	2.4	.06	.01	14	.4	<.02	6.5	15
45+00N 133+25E	.33	44.98	4.84	103.8	17	15.5	9.8	1128	2.97	1.9	.6	.7	3.6	32.7	.14	.16	.10	100	.45	.040	9.1	25.7	.37	310.0	.113	2	1.63	.012	.24	<.2	2.6	.07	.03	18	.5	<.02	6.1	15
45+00N 133+50E	.32	34.77	3.39	49.2	18	12.4	8.2	437	2.83	1.5	.5	.6	3.2	27.8	.08	.16	.07	104	.44	.020	7.4	26.2	.33	119.8	.122	3	1.25	.011	.17	<.2	2.4	.06	.01	10	.4	.02	4.8	15
45+00N 133+75E	.40	54.68	4.46	44.8	23	14.4	10.0	435	3.19	2.3	.7	2.4	3.7	35.6	.09	.25	.09	118	.45	.028	10.1	32.8	.35	122.9	.123	1	1.32	.009	.14	<.2	3.1	.05	.03	19	.6	<.02	5.4	15
45+00N 134+00E	.46	56.57	4.86	82.8	35	16.8	10.9	854	3.86	2.2	.6	2.4	4.1	34.2	.14	.22	.10	148	.49	.037	9.7	37.0	.41	178.4	.131	2	1.47	.010	.22	<.2	3.1	.06	.02	14	.5	.02	6.1	15
45+00N 134+25E	.44	38.12	4.38	81.1	20	12.7	8.3	786	2.49	1.5	.5	.3	3.1	29.4	.14	.18	.08	88	.41	.028	8.1	23.1	.33	153.4	.117	2	1.21	.011	.19	<.2	2.2	.06	.01	13	.4	<.02	4.8	15
45+00N 134+50E	.54	29.55	3.56	113.1	23	13.9	8.1	1019	2.99	1.9	.3	.7	3.2	25.3	.16	.16	.07	119	.39	.039	5.8	29.9	.33	196.0	.103	2	1.10	.009	.16	<.2	1.9	.05	.01	11	.4	<.02	4.7	15
45+00N 134+75E	.49	30.63	3.33	54.8	20	12.0	7.5	393	2.49	1.2	.5	.7	3.3	26.0	.08	.18	.07	94	.36	.019	7.5	24.7	.31	107.8	.116	2	1.09	.010	.16	<.2	2.2	.05	.02	9	.4	<.02	4.3	15
45+00N 135+00E	.46	38.93	4.61	60.2	24	15.4	9.4	588	2.73	1.5	.6	.7	3.5	29.5	.10	.20	.10	92	.42	.018	10.2	28.7	.36	135.7	.121	2	1.49	.011	.17	<.2	3.1	.07	.01	14	.4	<.02	5.3	15
L35+00N 31+00E	.47	16.48	3.69	32.0	74	8.6	5.3	173	1.91	1.0	.3	.4	1.2	21.9	.05	.11	.06	67	.29	.046	3.2	17.3	.24	99.9	.098	1	1.10	.008	.07	<.2	1.5	.02	<.01	8	.2	<.02	3.8	15
L35+00N 31+25E	.70	16.11	4.13	44.4	38	8.5	5.2	507	1.86	1.1	.2	.5	1.0	26.3	.05	.12	.07	64	.35	.050	2.9	17.1	.23	115.4	.095	1	1.12	.009	.08	<.2	1.4	.02	.01	15	.2	<.02	4.2	15
L35+00N 31+50E	.80	13.03	3.88	30.9	29	8.2	4.9	296	1.72	1.0	.2	.6	.9	21.8	.02	.09	.07	56	.31	.042	2.4	15.5	.22	114.2	.082	1	1.05	.008	.08	<.2	1.3	.02	.01	14	.3	<.02	3.9	15
L35+00N 31+75E	.76	18.20	4.07	39.5	39	9.3	5.1	238	1.70	1.1	.3	.2	1.1	23.4	.04	.10	.07	51	.32	.056	2.8	16.4	.26	124.8	.095	1	1.19	.011	.08	<.2	1.4	.03	<.01	11	.1	<.02	4.0	15
L35+00N 32+00E	.68	11.99	3.33	34.0	31	6.1	4.3	438	1.51	.9	.2	.5	.7	27.2	.04	.08	.06	50	.37	.037	2.4	13.4	.18	125.2	.085	1	.86	.008	.07	<.2	1.3	.02	<.01	8	<.1	<.02	3.3	15
RE L35+00N 32+00E	.73	12.13	3.42	35.1	34	6.4	4.5	444	1.51	.8	.2	.3	.8	28.7	.04	.09	.06	50	.37	.038	2.5	13.9	.18	125.1	.085	1	.86	.008	.08	<.2	1.4	.02	.01	8	.1	<.02	3.4	15
L35+00N 32+25E	.51	15.32	3.74	32.2	48	8.4	4.8	242	1.87	1.0	.2	.7	1.0	22.0	.03	.11	.07	60	.29	.066	3.1	16.9	.23	121.0	.094	<1	1.16	.010	.07	<.2	1.5	.02	.01	8	.3	<.02	4.3	15
L35+00N 32+50E	1.05	10.38	3.82	76.1	39	8.9	5.1	651	1.75	1.2	.1	<.2	.9	17.6	.05	.09	.07	52	.28	.111	2.3	15.6	.20	179.2	.074	1	1.24	.008	.06	<.2	1.3	.03	<.01	14	.2	<.02	4.4	15
L35+00N 32+75E	.56	8.93	3.57	35.7	31	6.6	4.5	283	1.54	.9	.1	.4	.7	19.8	.02	.09	.06	50	.26	.038	2.1	13.4	.18	131.6	.084	<1	.91	.008	.04	<.2	1.2	.02	<.01	10	.1	<.02	3.5	15
L35+00N 33+00E	.48	15.94	3.94	43.9	52	9.5	4.9	231	1.91	1.2	.2	.8	1.2	21.8	.03	.10	.07	59	.28	.087	2.8	17.6	.25	171.1	.091	<1	1.37	.008	.04	<.2	1.6	.03	.01	15	<.1	<.02	4.9	15
L35+00N 33+25E	.41	15.20	3.59	31.5	37	7.9	4.5	203	1.72	.9	.3	13.5	1.0	24.5	.03	.10	.06	56	.39	.026	3.6	17.2	.23	104.2	.106	1	1.09	.010	.05	<.2	1.5	.03	<.01	9	<.1	<.02	3.6	15
L35+00N 33+50E	.82	15.02	3.61	33.5	40	8.5	5.1	300	1.77	1.1	.3	.5	1.0	23.9	.03	.11	.07	56	.33	.061	3.3	16.4	.24	127.2	.089	1	1.20	.008	.05	<.2	1.5	.02	.01	9	<.1	<.02	4.3	15
L35+00N 33+75E	.68	13.78	3.49	30.0	34	8.1	5.0	346	1.70	1.1	.2	.3	.9	20.4	.03	.07	.06	54	.32	.062	2.4	15.0	.22	126.3	.074	1	1.07	.008	.04	<.2	1.2	.02	<.01	8	.1	<.02	3.8	15
L35+00N 34+00E	.70	12.39	3.80	28.4	33	7.3	4.4	273	1.44	.9	.2	.6	.9	19.8	.02	.08	.07	43	.28	.037	2.2	13.5	.21	98.2	.085	<1	.99	.008	.06	<.2	1.2	.02	.01	11	<.1	<.02	3.5	15
L35+00N 34+25E	.88	14.77	4.01	35.5	50	9.8	5.4	332	1.80	1.0	.2	.9	1.4	18.0	.02	.09	.07	53	.27	.101	2.6	15.9	.23	145.1	.080	1	1.40	.007	.05	<.2	1.6	.02	.02	13	.2	<.02	4.7	15
L35+00N 34+50E	.63	13.11	3.75	38.6	41	9.5	5.1	237	1.80	.9	.2	.4	1.2	16.4	.03	.09	.07	56	.24	.065	2.7	16.3	.21	126.3	.080	<1	1.33	.007	.05	<.2	1.3	.02	<.01	9	<.1	<.02	4.6	15
L35+00N 34+75E	.60	11.43	3.95	43.0	29	9.5	5.0	328	1.76	1.0	.2	.8	1.0	15.0	.02	.08	.07	55	.23	.078	2.5	14.9	.20	111.5	.079	1	1.35	.006	.05	<.2	1.1	.03	.01	9	.2	<.02	4.7	15
STANDARD DS2	14.22	127.05	32.92	153.5	267	35.7	12.2	810	3.04	56.1	18.3	197.5	3.8	27.8	10.23	9.13	10.69	74	.52	.089	15.9	160.1	.59	148.8	.092	2	1.70	.029	.16	7.0	2.7	1.86	.02	226	2.3	1.85	6.1	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
L35+00N 35+00E	.88	9.88	4.33	36.2	19	9.9	5.0	343	1.56	.8	.1	.8	1.0	16.0	.04	.08	.07	45	.24	.097	2.2	13.7	.17	102.9	.079	1	1.35	.007	.09	<.2	1.1	.02	<.01	9	.1	<.02	4.3	15
L35+00N 35+25E	.50	11.01	3.72	31.7	25	9.1	4.6	261	1.69	.7	.2	2.1	1.2	14.3	.03	.08	.07	51	.18	.064	2.5	14.3	.16	122.3	.074	<1	1.33	.007	.04	<.2	1.2	.02	<.01	13	.1	<.02	4.3	15
L35+00N 35+50E	.47	30.93	4.06	46.6	25	11.5	5.8	453	2.14	.7	.2	1.2	1.2	18.3	.03	.10	.07	76	.26	.137	3.3	18.4	.24	305.2	.073	1	1.16	.006	.06	<.2	1.1	.03	<.01	15	.2	.02	4.5	15
L35+00N 35+75E	.45	183.01	4.44	21.0	88	13.9	5.9	140	2.00	1.3	3.2	1.4	1.9	56.4	.07	.25	.08	48	1.29	.033	20.6	19.5	.28	107.5	.067	1	1.70	.012	.06	<.2	2.5	.04	.03	48	.5	<.02	5.3	15
L35+00N 36+00E	.30	381.15	5.82	25.2	187	22.1	6.7	124	2.74	1.1	3.6	1.7	3.7	46.8	.07	.13	.10	63	.87	.041	25.8	29.0	.40	248.4	.105	2	3.05	.018	.10	<.2	4.6	.09	.01	19	.6	<.02	8.6	15
L35+00N 36+25E	.49	376.64	5.17	26.4	233	26.8	12.1	534	3.29	2.5	5.3	2.2	4.1	58.4	.18	.18	.09	108	.94	.093	27.3	30.4	.38	304.1	.100	2	3.04	.038	.10	<.2	4.9	.12	.02	29	.8	<.02	8.3	15
L35+00N 36+50E	.52	136.88	4.03	23.1	81	15.3	6.8	299	2.34	1.8	2.0	1.7	1.8	42.9	.08	.11	.07	70	.80	.034	11.3	21.5	.28	146.0	.078	1	1.69	.014	.07	<.2	2.4	.04	.03	19	.2	<.02	5.3	15
L35+00N 36+75E	.36	15.86	3.22	21.2	12	9.6	4.4	141	2.09	.9	.2	.6	1.4	17.5	.03	.08	.06	71	.25	.168	3.1	17.7	.14	105.9	.063	<1	1.00	.007	.06	<.2	1.4	.02	.01	14	.1	<.02	4.0	15
L35+00N 37+00E	.31	23.26	3.94	20.9	18	9.0	4.4	192	1.71	.5	.3	.8	.9	20.7	.02	.09	.08	59	.29	.016	3.8	20.5	.21	67.8	.107	<1	1.05	.008	.05	<.2	1.5	.03	.01	8	<.1	<.02	3.5	15
L35+00N 37+25E	.32	8.46	3.86	14.8	11	4.5	2.6	62	1.11	.4	.2	.8	.7	16.3	.01	.07	.07	37	.23	.012	2.2	10.3	.10	49.5	.075	<1	.80	.007	.03	<.2	.9	.02	.01	<5	.1	<.02	2.8	15
L35+00N 37+50E	.26	19.38	5.05	18.5	18	7.3	3.6	108	1.35	.4	.5	1.5	1.3	18.7	.03	.09	.09	41	.28	.015	3.8	15.3	.16	72.3	.103	1	1.17	.011	.04	<.2	1.4	.03	.01	<5	.1	<.02	3.7	15
L35+00N 37+75E	.34	29.31	5.39	20.0	22	8.9	4.7	281	1.57	.7	.8	1.2	1.0	19.7	.02	.08	.09	50	.32	.024	5.1	16.3	.18	66.6	.102	<1	1.30	.010	.06	<.2	1.4	.03	<.01	6	.1	<.02	3.8	15
L35+00N 38+00E	.76	14.28	4.59	35.9	22	13.0	5.6	293	1.83	1.2	.2	.7	1.2	17.6	.03	.09	.09	58	.22	.109	3.2	16.8	.19	98.6	.097	1	1.62	.008	.05	<.2	1.6	.03	<.01	9	.1	<.02	5.3	15
L35+00N 38+25E	.65	20.24	4.24	36.9	27	14.4	5.3	361	2.19	1.8	.3	1.0	1.6	14.0	.04	.11	.08	74	.21	.126	3.1	19.7	.20	76.8	.087	<1	1.67	.007	.04	<.2	1.6	.03	.01	14	.1	<.02	5.4	15
L35+00N 38+75E	.22	14.27	3.44	16.6	18	5.6	2.8	102	1.09	.4	.5	.3	1.3	20.1	.02	.07	.06	32	.32	.015	3.4	10.9	.14	48.0	.076	<1	.87	.007	.04	<.2	1.4	.03	.01	7	<.1	<.02	2.8	15
L35+00N 39+00E	.47	49.33	4.21	20.9	60	8.9	4.8	237	2.04	1.0	2.5	.6	1.6	31.6	.04	.12	.07	54	.78	.020	11.2	17.3	.23	82.3	.081	1	1.55	.009	.05	<.2	2.1	.02	.02	27	.3	<.02	4.9	15
L35+00N 39+25E	.47	18.83	3.16	30.4	44	11.0	5.2	305	1.92	1.2	.2	.8	1.3	14.6	.03	.09	.06	63	.23	.129	3.1	16.6	.17	106.7	.075	1	1.27	.007	.03	<.2	1.3	.02	<.01	9	<.1	<.02	4.3	15
L35+00N 39+50E	.59	20.56	4.33	45.7	40	13.9	5.7	300	1.90	1.6	.3	.9	1.5	14.3	.05	.10	.09	59	.21	.125	3.7	17.3	.20	84.0	.096	1	1.80	.009	.06	<.2	1.9	.04	.01	13	<.1	.02	5.4	15
L35+00N 39+75E	.47	22.01	4.94	25.3	50	10.4	4.9	223	1.57	1.1	.3	.4	1.4	14.3	.03	.07	.09	44	.21	.152	4.2	14.4	.12	96.9	.073	<1	1.46	.007	.05	<.2	1.5	.03	<.01	16	<.1	<.02	5.1	15
L35+00N 40+00E	.46	191.78	5.12	26.6	167	16.4	8.4	720	2.63	1.9	6.3	1.2	2.6	35.1	.12	.14	.09	74	.98	.028	27.8	22.6	.34	170.8	.080	1	2.77	.011	.06	<.2	4.3	.05	.02	41	.7	<.02	8.1	15
L35+00N 40+25E	.24	36.26	3.40	24.6	29	7.4	4.9	154	1.77	.7	.6	<.2	1.1	17.8	.02	.09	.06	60	.34	.012	8.6	17.2	.26	54.2	.092	<1	1.22	.009	.04	<.2	1.9	.03	<.01	8	<.1	<.02	4.1	15
L35+00N 40+50E	.51	13.94	4.04	34.0	15	9.7	5.3	236	1.67	1.4	.2	.2	1.2	12.1	.02	.07	.08	46	.19	.235	3.4	16.4	.12	119.1	.079	<1	1.49	.010	.04	<.2	1.7	.03	<.01	13	.1	<.02	4.7	15
L35+00N 40+75E	.37	20.09	2.97	24.4	22	10.1	5.3	194	1.92	.9	.2	.8	1.1	21.9	.02	.08	.06	58	.36	.133	3.7	17.1	.26	118.0	.086	1	1.25	.009	.06	<.2	2.0	.02	<.01	8	.1	<.02	4.5	15
L35+00N 41+00E	.56	10.64	4.34	33.3	20	14.2	5.7	289	1.57	1.7	.2	.7	1.0	20.8	.04	.09	.09	41	.29	.186	2.4	18.9	.19	89.6	.086	1	1.54	.008	.05	<.2	1.6	.03	<.01	13	<.1	<.02	4.9	15
L35+00N 41+25E	.53	22.29	3.75	32.8	36	13.7	5.2	199	1.92	1.5	.3	1.0	1.6	16.9	.03	.10	.08	63	.23	.120	3.6	17.1	.20	84.6	.083	1	1.53	.007	.05	<.2	1.6	.03	.01	11	<.1	<.02	5.0	15
RE L35+00N 41+25E	.54	22.02	3.89	32.1	38	12.7	5.2	199	1.94	1.5	.3	1.3	1.5	17.2	.04	.10	.07	63	.23	.121	3.7	17.5	.20	84.5	.081	<1	1.54	.007	.05	<.2	1.5	.03	.02	14	.1	<.02	4.9	15
L35+00N 41+50E	.30	31.10	3.57	27.8	32	11.0	4.9	114	1.53	.6	.3	.5	1.1	19.6	.02	.08	.06	49	.27	.039	4.0	15.8	.22	86.4	.084	1	1.12	.009	.05	<.2	1.4	.02	<.01	7	<.1	<.02	3.8	15
L35+00N 41+75E	.41	43.30	3.54	30.2	70	15.4	5.0	136	2.19	1.5	.5	.7	2.1	18.5	.03	.09	.07	68	.25	.142	5.7	19.1	.20	127.9	.078	1	1.69	.007	.06	<.2	1.8	.02	.01	12	<.1	<.02	5.6	15
L35+00N 42+00E	.47	20.48	3.11	27.0	65	10.7	4.1	113	1.87	1.3	.3	.9	1.6	13.2	.03	.08	.07	63	.19	.118	3.1	16.4	.15	74.0	.070	<1	1.35	.007	.03	<.2	1.5	.02	<.01	15	<.1	<.02	4.3	15
L35+00N 42+25E	.54	16.24	3.78	31.9	33	11.5	5.1	277	1.62	1.0	.2	1.6	1.2	13.0	.03	.09	.08	50	.19	.121	2.9	12.9	.15	83.9	.081	<1	1.40	.007	.04	<.2	1.4	.03	.01	11	<.1	<.02	4.8	15
L35+00N 42+50E	.49	29.18	4.34	29.1	23	12.7	4.9	197	1.77	1.3	.3	.9	1.6	15.2	.04	.08	.08	49	.19	.208	3.7	15.9	.16	116.3	.078	1	1.66	.008	.04	<.2	1.9	.03	<.01	12	<.1	<.02	5.2	15
L35+00N 42+75E	.38	19.25	4.41	23.4	25	9.1	4.4	96	1.61	1.0	.2	.5	1.2	14.8	.03	.08	.08	50	.21	.077	2.5	13.5	.14	75.9	.071	<1	1.28	.007	.03	<.2	1.0	.02	<.01	9	<.1	<.02	4.8	15
L35+00N 43+00E	.38	20.54	3.64	19.2	31	7.7	3.7	145	1.44	.6	.5	.2	.9	19.0	.03	.08	.07	46	.28	.019	4.4	12.6	.14	75.1	.081	1	1.13	.009	.04	<.2	1.3	.03	.01	8	<.1	<.02	3.6	15
STANDARD DS2	14.05	129.64	33.97	155.5	263	36.6	11.6	817	3.09	53.2	17.9	211.5	3.9	28.8	10.44	9.60	10.73	75	.52	.092	16.9	163.6	.60	148.8	.096	1	1.72	.029	.17	7.0	2.7	1.86	.04	226	2.4	1.90	6.2	15

Sample type: SOIL 5580 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
L35+00N 43+25E	.35	23.57	4.78	23.1	37	7.1	4.7	123	1.48	.6	.3	.8	.9	21.8	.02	.10	.08	45	.29	.020	4.6	13.6	.19	67.3	.090	<1	1.34	.010	.04	<.2	1.3	.04	<.01	12	.1	<.02	4.7	15
L35+00N 43+50E	.35	22.25	3.55	24.6	41	6.9	4.8	206	1.62	.7	.3	27.6	1.2	21.2	.01	.10	.07	58	.28	.019	3.8	14.5	.19	66.2	.089	<1	1.13	.009	.04	<.2	1.3	.03	<.01	8	<.1	<.02	4.2	15
L35+00N 43+75E	.40	25.43	6.24	38.8	36	9.9	5.2	153	1.65	1.2	.3	.7	1.6	16.9	.03	.09	.12	39	.20	.160	3.5	13.6	.16	115.4	.086	<1	1.93	.010	.05	<.2	1.8	.03	<.01	21	<.1	<.02	7.2	15
L35+00N 44+00E	.25	22.28	3.87	24.1	16	9.2	4.7	129	1.54	.7	.3	1.8	.9	17.5	.02	.08	.07	49	.24	.019	3.1	14.1	.19	73.2	.094	<1	1.22	.009	.04	<.2	1.2	.03	<.01	5	<.1	<.02	3.9	15
L35+00N 44+25E	.28	23.10	4.17	27.1	9	8.0	5.1	182	1.57	.9	.3	.6	1.1	17.5	.02	.07	.07	47	.23	.077	4.1	13.8	.16	92.2	.083	1	1.43	.010	.04	<.2	1.4	.03	<.01	8	.1	<.02	5.4	15
L35+00N 44+50E	.36	43.62	3.36	27.8	18	12.9	6.0	192	2.01	1.4	.4	.4	1.6	21.9	.02	.11	.06	70	.29	.080	4.9	18.3	.24	75.8	.094	1	1.61	.009	.04	<.2	1.7	.03	<.01	13	<.1	<.02	5.4	15
L35+00N 44+75E	.48	40.78	4.83	30.5	18	14.0	6.3	156	2.13	1.7	.4	.9	1.8	15.8	.03	.09	.08	62	.21	.173	4.1	17.9	.21	104.4	.096	1	2.28	.011	.05	<.2	1.9	.04	.01	17	<.1	<.02	7.5	15
L35+00N 45+00E	.59	15.94	6.12	39.1	13	11.5	6.1	436	1.65	1.8	.3	.7	1.5	17.4	.04	.08	.11	43	.17	.216	3.5	13.6	.14	115.1	.090	<1	1.80	.010	.05	<.2	1.7	.03	.01	13	<.1	<.02	7.1	15
25+00N 123+00E	.51	91.80	4.80	55.9	23	14.1	9.5	625	2.72	1.7	.4	.3	3.0	32.1	.10	.25	.07	93	.47	.029	8.8	27.3	.37	101.6	.092	1	1.06	.008	.20	<.2	2.7	.05	.01	18	<.1	<.02	4.6	15
25+00N 123+25E	.56	29.80	4.04	49.2	22	11.4	8.8	508	2.53	1.1	.5	.5	2.9	30.5	.10	.16	.08	89	.44	.019	8.1	25.2	.29	156.4	.116	2	1.30	.009	.16	<.2	2.5	.06	<.01	15	.2	<.02	5.0	15
25+00N 123+50E	.56	84.36	5.53	69.8	22	14.5	9.2	739	3.07	2.0	.5	1.1	3.3	39.2	.14	.23	.09	106	.58	.043	8.4	27.0	.36	172.8	.109	3	1.22	.010	.20	<.2	2.7	.06	.02	22	.2	.02	5.0	15
25+00N 123+75E	.62	105.18	6.08	98.0	35	19.0	12.5	1189	3.93	1.8	.6	.9	4.5	39.9	.16	.25	.10	134	.60	.058	10.7	35.2	.48	287.3	.133	3	1.74	.011	.22	<.2	3.5	.07	.01	29	.1	<.02	6.7	15
25+00N 124+00E	.79	49.23	5.88	129.8	33	13.5	7.2	1570	2.39	1.2	.4	1.6	2.6	35.7	.21	.15	.11	75	.54	.041	5.9	19.5	.28	278.4	.117	4	1.60	.010	.18	<.2	2.2	.07	.02	20	.1	<.02	5.7	15
25+00N 124+25E	.43	64.55	3.96	42.9	53	16.8	10.1	413	4.03	1.9	.6	95.8	2.6	32.6	.09	.28	.08	157	.51	.043	8.8	38.4	.40	91.7	.104	2	1.15	.008	.12	<.2	3.2	.04	.01	16	.2	<.02	5.2	15
25+00N 124+50E	.56	60.36	3.10	29.1	22	12.5	8.6	299	3.71	1.9	.5	1.2	2.4	30.6	.07	.26	.06	158	.69	.064	7.1	32.4	.36	65.7	.082	3	.78	.009	.10	<.2	2.1	.02	.01	17	.1	<.02	3.9	15
25+00N 124+75E	.52	53.38	3.99	67.7	30	15.1	9.7	877	2.69	1.6	.4	.7	3.4	34.8	.10	.21	.08	88	.50	.030	10.0	25.5	.39	140.4	.110	2	1.30	.011	.20	<.2	3.4	.05	.01	18	.2	<.02	5.1	15
25+00N 125+00E	.43	41.63	3.03	37.1	16	12.9	9.1	384	3.24	1.6	.5	1.1	3.1	28.9	.07	.23	.06	131	.45	.028	6.9	32.5	.32	88.5	.115	3	.99	.010	.14	<.2	2.7	.03	<.01	11	.2	.02	4.4	15
25+00N 125+25E	.49	81.34	4.43	52.4	25	18.1	11.9	579	4.12	2.3	.7	1.2	3.7	34.0	.11	.33	.08	160	.61	.038	10.3	42.0	.46	111.2	.124	2	1.31	.011	.15	<.2	3.5	.04	.01	18	.3	<.02	5.8	15
25+00N 125+50E	.41	84.44	4.34	44.2	17	16.7	10.6	469	3.72	2.4	.5	2.0	3.4	31.2	.09	.28	.08	144	.51	.036	8.8	37.4	.40	98.6	.112	2	1.15	.010	.14	<.2	3.2	.03	.01	25	.2	<.02	5.1	15
25+00N 125+75E	.58	24.13	3.60	60.1	11	11.4	7.4	579	2.19	1.1	.4	.3	2.4	25.1	.10	.16	.07	78	.37	.014	6.3	23.1	.28	107.1	.104	3	.99	.010	.15	<.2	2.6	.05	.01	10	.2	<.02	3.9	15
25+00N 126+00E	.43	88.16	4.46	48.2	10	21.7	12.5	532	3.21	2.3	.7	1.2	4.5	40.0	.09	.31	.09	99	.59	.042	12.1	36.8	.52	123.7	.106	3	1.60	.011	.15	<.2	4.2	.05	<.01	14	.2	<.02	5.8	15
25+00N 126+25E	.49	54.72	4.19	52.8	11	14.5	9.8	705	2.54	1.6	.5	.4	2.9	31.9	.13	.24	.08	94	.49	.030	9.8	27.4	.37	129.1	.099	2	1.05	.009	.16	<.2	2.7	.05	.01	17	.1	<.02	4.4	15
25+00N 126+50E	.57	70.91	3.96	59.4	23	17.2	11.2	739	3.41	1.7	.8	.3	4.9	35.4	.13	.25	.09	128	.51	.041	12.0	32.8	.42	129.0	.109	3	1.24	.010	.20	<.2	3.3	.05	<.01	11	.2	.02	5.4	15
25+00N 126+75E	.60	71.04	4.61	51.1	13	17.8	11.7	655	2.62	1.8	.5	.9	3.8	39.0	.12	.29	.09	84	.53	.041	10.8	27.9	.49	135.8	.095	2	1.25	.010	.18	<.2	3.1	.06	<.01	15	.2	<.02	4.9	15
25+00N 127+00E	.44	57.41	4.58	70.6	19	17.1	11.5	779	2.64	1.5	.7	.4	3.6	42.7	.15	.22	.09	78	.60	.038	11.1	29.0	.44	190.2	.101	3	1.49	.010	.18	<.2	3.3	.07	.01	17	.3	<.02	5.5	15
RE 25+00N 127+00E	.44	57.87	4.48	69.0	20	17.1	11.6	770	2.65	1.4	.6	.6	3.6	43.0	.14	.22	.09	78	.62	.038	11.0	28.5	.45	190.4	.105	3	1.53	.011	.17	<.2	3.5	.07	<.01	12	.1	.02	5.4	15
25+00N 127+25E	.63	59.34	4.09	61.7	8	16.6	10.0	673	2.68	1.2	.6	1.0	3.6	38.2	.12	.23	.09	83	.60	.020	10.6	28.0	.42	134.1	.107	4	1.35	.010	.20	<.2	3.5	.06	<.01	11	.2	<.02	5.0	15
25+00N 127+50E	.58	39.02	4.00	55.8	12	13.3	8.3	566	2.52	1.3	.5	.6	3.3	32.7	.10	.21	.08	83	.45	.019	8.5	26.8	.33	144.5	.110	3	1.28	.011	.18	<.2	3.3	.05	.01	8	.2	<.02	4.8	15
25+00N 127+75E	.62	51.93	4.78	62.5	17	15.8	10.3	858	2.60	1.2	.5	.9	3.2	33.5	.12	.22	.10	78	.55	.020	10.8	27.7	.39	146.7	.104	3	1.35	.010	.23	<.2	3.7	.06	<.01	21	.2	<.02	5.1	15
25+00N 128+00E	1.15	30.65	3.83	90.8	16	9.9	5.7	723	1.89	.8	.2	.4	2.0	29.1	.17	.14	.06	60	.45	.021	4.2	18.6	.24	187.3	.087	3	.88	.010	.13	<.2	2.1	.04	<.01	19	.1	<.02	3.4	15
25+00N 128+25E	.59	32.38	4.25	142.6	20	13.8	7.8	964	2.53	1.4	.3	1.2	2.4	33.6	.21	.17	.08	75	.57	.043	7.1	24.2	.36	245.1	.111	4	1.54	.011	.21	<.2	3.2	.06	<.01	19	.2	<.02	5.3	15
25+00N 128+50E	.57	102.60	4.41	55.5	61	18.8	13.3	562	3.55	4.0	.8	9.7	5.0	44.4	.17	.40	.08	128	1.80	.113	9.4	31.4	.79	109.3	.110	2	1.22	.018	.11	<.2	3.9	.09	<.01	39	.4	.03	5.2	15
25+00N 128+75E	.42	67.66	4.18	53.9	48	16.2	9.3	347	3.81	1.6	.5	1.2	3.8	29.9	.11	.24	.09	142	.55	.048	9.2	38.3	.36	107.8	.110	4	1.39	.010	.18	<.2	3.4	.06	.01	12	.3	.02	5.6	15
STANDARD DS2	14.11	126.07	31.95	151.9	261	35.0	12.0	806	3.03	56.0	17.5	192.6	3.8	27.2	10.15	9.43	10.40	73	.52	.086	16.3	160.6	.59	145.0	.092	3	1.68	.026	.15	7.1	2.8	1.85	.02	225	2.2	1.92	6.0	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
25+00N 129+00E	.38	35.47	4.95	67.2	9	13.3	8.5	574	2.57	1.6	.5	4.3	3.1	32.3	.12	.18	.09	85	.36	.037	9.3	26.5	.32	147.7	.117	3	1.48	.012	.22	<.2	3.0	.07	.01	27	.1	<.02	5.6	15
25+00N 129+25E	.48	28.86	3.72	81.3	14	12.1	8.7	952	2.57	1.4	.5	.5	3.1	27.6	.20	.18	.06	98	.32	.040	7.9	23.6	.31	134.3	.101	2	1.19	.009	.14	<.2	2.3	.06	.01	18	.1	<.02	4.9	15
25+00N 129+50E	.37	32.33	3.87	81.0	12	13.0	8.4	692	2.64	1.1	.5	.4	3.1	26.5	.14	.17	.07	100	.35	.029	8.8	26.0	.30	150.8	.107	2	1.21	.011	.15	<.2	2.4	.06	.02	15	.1	<.02	5.1	15
25+00N 129+75E	.34	30.02	4.52	57.6	7	12.3	7.7	521	2.39	1.1	.5	.4	3.4	28.3	.12	.18	.08	84	.35	.022	9.7	24.5	.28	121.5	.105	3	1.24	.012	.20	<.2	2.5	.07	.01	13	.1	<.02	5.1	15
25+00N 130+00E	.67	45.63	4.54	61.6	17	17.5	10.3	773	3.13	1.4	.6	.7	3.7	31.7	.16	.21	.09	120	.47	.030	10.7	32.4	.35	122.2	.118	2	1.15	.011	.23	<.2	3.0	.06	.01	16	.1	<.02	5.1	15
25+00N 130+25E	.50	33.14	4.39	55.0	6	12.4	9.0	652	2.26	1.3	.4	.5	2.7	33.6	.14	.21	.07	74	.41	.033	8.6	24.0	.33	129.4	.097	2	1.19	.011	.22	<.2	2.8	.06	.01	20	<.1	<.02	4.7	15
25+00N 130+50E	.61	61.78	4.39	49.9	14	15.5	10.8	596	2.45	1.7	.6	1.0	4.0	41.0	.15	.26	.07	82	.50	.038	10.7	26.0	.42	130.1	.103	2	1.16	.014	.20	<.2	3.1	.06	.01	19	.2	<.02	4.9	15
25+00N 130+75E	.57	64.30	6.03	94.2	17	17.2	12.7	1035	2.80	2.8	.6	1.4	3.4	44.0	.25	.22	.09	89	.67	.041	11.9	30.1	.45	188.7	.122	2	1.50	.011	.28	<.2	3.9	.07	.02	20	.1	<.02	5.9	15
25+00N 131+00E	.55	66.63	4.21	51.1	20	16.4	10.9	629	2.60	1.5	.6	1.4	3.5	41.8	.12	.26	.07	83	.53	.028	10.5	29.8	.47	127.8	.116	2	1.33	.014	.19	<.2	3.5	.06	.01	19	.1	<.02	5.2	15
25+00N 131+25E	.50	43.50	4.25	61.0	10	14.5	9.3	559	2.42	1.6	.5	1.8	3.1	37.9	.13	.19	.07	74	.54	.026	10.7	26.1	.35	124.6	.121	4	1.41	.011	.22	<.2	3.4	.07	<.01	12	.1	.02	5.1	15
25+00N 131+50E	.58	49.70	4.83	95.8	20	18.3	10.5	971	2.96	1.8	.7	.9	3.0	36.5	.22	.21	.08	90	.58	.034	12.2	31.4	.44	178.9	.144	4	1.74	.014	.26	<.2	4.2	.08	.01	21	.2	<.02	6.3	15
25+00N 131+75E	.44	69.76	5.10	81.5	34	22.3	13.2	1056	3.11	1.8	.6	.7	2.9	36.2	.22	.21	.08	95	.64	.045	12.4	32.1	.50	174.8	.150	4	1.81	.013	.28	<.2	4.5	.09	.02	22	.2	<.02	6.6	15
25+00N 132+00E	.63	58.20	5.90	97.0	32	17.9	12.3	1097	3.13	1.9	.5	<.2	2.7	38.1	.24	.23	.08	101	.58	.055	12.9	30.1	.49	204.3	.135	3	1.62	.013	.23	<.2	4.1	.07	.02	254	.1	<.02	6.2	15
25+00N 132+25E	.43	57.09	5.47	139.6	32	19.5	12.5	1837	3.10	2.7	.4	.9	4.0	49.5	.33	.18	.08	92	.81	.070	13.2	29.2	.45	278.4	.125	4	1.74	.013	.30	<.2	4.2	.06	.02	17	<.1	.02	6.5	15
25+00N 132+50E	.45	25.90	4.82	219.4	21	9.1	5.8	720	1.88	1.0	.2	<.2	2.2	31.0	.22	.10	.08	42	.52	.045	5.8	15.3	.27	285.7	.110	3	1.58	.013	.25	<.2	2.5	.07	.01	26	1	<.02	5.4	15
25+00N 132+75E	.50	54.46	4.94	75.4	21	18.0	11.5	897	3.02	1.8	.5	.4	3.3	36.1	.14	.21	.09	96	.53	.030	10.3	31.7	.50	148.2	.167	4	1.83	.017	.28	<.2	4.4	.09	<.01	25	<.1	<.02	6.5	15
25+00N 133+00E	.44	42.47	5.04	76.1	36	16.9	10.7	790	2.65	1.7	.7	<.2	3.4	34.9	.15	.21	.09	82	.52	.031	11.6	28.1	.42	155.3	.153	3	1.72	.014	.21	<.2	3.8	.08	<.01	19	.1	<.02	6.0	15
25+00N 133+25E	.40	57.54	4.87	69.9	31	15.9	10.4	564	2.83	1.1	.5	.5	3.2	35.8	.15	.18	.08	74	.54	.026	11.9	29.3	.42	151.8	.130	4	1.92	.012	.26	<.2	4.0	.07	.01	18	.2	<.02	6.4	15
RE 25+00N 133+25E	.39	55.81	4.91	71.4	27	17.5	10.3	547	2.88	1.3	.5	.5	2.7	36.0	.12	.18	.08	77	.54	.027	11.5	30.1	.41	146.1	.136	3	1.95	.014	.25	<.2	4.1	.07	.01	17	.2	<.02	6.7	15
25+00N 133+50E	.31	42.98	4.74	114.7	18	14.9	8.9	1065	2.67	1.8	.3	6.4	3.2	38.1	.20	.17	.08	79	.54	.028	10.4	28.7	.39	214.4	.132	5	1.54	.014	.30	<.2	3.4	.06	.01	21	.3	<.02	5.6	15
25+00N 133+75E	.29	31.10	3.51	54.4	23	11.6	7.2	320	2.72	1.3	.4	.7	2.3	31.3	.09	.18	.07	94	.48	.033	7.4	26.6	.29	126.7	.127	3	1.26	.014	.19	<.2	2.7	.05	.01	13	<.1	<.02	5.1	15
25+00N 134+00E	.50	56.86	5.50	105.6	23	16.9	10.1	860	3.13	2.6	.4	1.0	3.1	42.7	.16	.21	.09	94	.64	.061	8.6	30.2	.49	248.5	.144	3	1.97	.012	.29	<.2	4.2	.09	.02	29	.1	<.02	7.0	15
25+00N 134+25E	.36	42.49	3.88	70.1	25	14.4	8.4	547	2.90	1.2	.4	.6	2.8	32.3	.10	.17	.07	95	.49	.033	8.7	27.3	.37	151.7	.123	2	1.53	.012	.22	<.2	3.3	.06	.01	14	.1	.02	5.5	15
25+00N 134+50E	.56	48.45	5.83	102.4	26	15.0	9.3	767	3.00	2.1	.5	11.4	3.2	38.1	.16	.21	.08	97	.56	.041	8.1	29.3	.39	234.7	.139	2	1.54	.013	.20	<.2	3.4	.06	.01	31	.3	<.02	5.8	15
25+00N 134+75E	.38	54.83	4.96	79.2	24	18.6	10.9	720	3.21	1.7	.4	.6	3.3	33.1	.14	.18	.09	100	.50	.025	10.5	32.6	.47	174.7	.149	2	1.98	.014	.28	<.2	4.3	.08	.01	17	.3	<.02	6.9	15
25+00N 135+00E	.40	61.35	4.95	81.7	23	18.7	11.0	741	3.48	2.2	.4	.9	3.5	33.9	.14	.22	.09	117	.49	.030	10.3	34.4	.46	177.9	.154	2	1.77	.014	.28	<.2	4.0	.08	.01	17	.2	<.02	6.7	15
G5RD 70+50N	.36	85.44	3.85	37.8	36	13.1	7.1	239	2.17	1.1	1.6	.6	2.3	45.0	.06	.12	.06	74	.51	.050	7.7	15.5	.45	164.3	.107	1	1.93	.010	.06	<.2	1.7	.03	.01	16	.1	<.02	6.6	15
G5RD 70+25N	.36	69.30	3.41	33.3	34	12.6	6.4	172	1.91	1.1	.9	.4	1.8	31.8	.03	.11	.06	66	.33	.029	5.2	18.8	.34	127.7	.106	<1	1.39	.008	.04	<.2	1.5	.03	.01	11	.2	<.02	4.8	15
G5RD 70+00N	.36	68.22	3.30	35.4	21	11.4	6.8	194	2.17	2.3	.8	.4	2.2	38.5	.03	.10	.06	75	.37	.094	5.4	15.5	.37	136.3	.096	1	1.65	.006	.06	<.2	1.7	.02	<.01	13	.1	<.02	5.5	15
G5RD 69+75N	.34	49.53	2.38	29.2	12	9.9	5.9	142	2.15	1.1	.6	.8	1.9	31.7	.03	.10	.03	79	.32	.069	4.5	15.8	.33	110.2	.083	1	1.25	.006	.04	<.2	1.3	.02	<.01	17	.1	<.02	4.5	15
G5RD 69+50N	.35	61.42	2.28	26.4	12	10.3	6.3	178	2.19	1.0	.5	.8	1.9	34.0	.03	.10	.03	81	.35	.072	4.1	14.8	.40	98.0	.090	<1	1.16	.005	.04	<.2	1.1	<.02	.01	13	<.1	.02	4.7	15
G5RD 69+25N	.39	63.70	2.32	30.1	16	11.3	6.9	218	2.13	1.2	.6	1.3	2.4	44.6	.02	.12	.03	76	.42	.075	5.3	13.7	.43	124.4	.088	1	1.29	.006	.08	<.2	1.4	.02	.01	9	<.1	<.02	4.8	15
G5RD 69+00N	.25	68.27	1.65	25.8	9	10.0	6.3	179	2.12	1.2	.5	.3	2.1	35.2	.02	.10	.02	80	.34	.067	3.9	14.1	.43	126.2	.078	1	1.21	.006	.06	<.2	1.0	<.02	<.01	<5	<.1	<.02	4.4	15
STANDARD DS2	13.63	127.02	32.44	154.7	249	35.1	11.3	778	2.92	55.2	17.3	195.8	3.8	27.9	10.47	9.04	10.57	71	.50	.087	16.0	154.5	.56	146.4	.090	1	1.62	.028	.16	6.5	2.6	1.73	.03	228	2.1	1.73	6.1	15

Sample type: SOIL SS80 60C. *Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.*

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G5RD 68+75N	.39	50.14	3.05	31.8	18	12.7	7.4	197	2.35	1.1	.6	1.3	2.4	29.9	.02	.11	.06	84	.33	.082	4.2	17.9	.33	120.4	.091	1	1.54	.006	.04	<.2	1.2	.02	<.01	15	.1	<.02	5.0	15
G5RD 68+50N	.32	51.51	2.30	24.0	10	9.1	7.1	175	2.41	1.2	.6	1.9	2.6	35.8	.02	.11	.05	90	.37	.073	4.5	17.2	.34	107.4	.084	1	1.32	.005	.05	<.2	1.2	.02	<.01	<5	.1	<.02	4.5	15
G5RD 68+25N	.46	56.24	3.38	35.1	15	9.6	6.8	176	2.21	1.2	.6	1.1	1.9	29.1	.02	.12	.06	77	.31	.100	4.2	16.6	.30	99.0	.085	1	1.45	.006	.04	<.2	1.2	.02	<.01	17	<.1	<.02	4.7	15
G5RD 68+00N	.28	158.71	5.47	28.5	34	15.7	6.0	171	2.44	1.8	2.9	.5	7.9	38.9	.03	.11	.13	66	.53	.034	16.1	22.8	.37	152.5	.121	1	3.18	.013	.08	<.2	4.1	.09	<.01	34	.2	<.02	8.7	15
G5RD 67+75N	.31	34.37	1.58	18.2	9	7.4	6.1	131	2.39	.9	.6	.7	2.3	35.0	.01	.12	.03	95	.41	.062	5.6	17.7	.27	95.5	.070	1	.94	.006	.04	<.2	1.1	<.02	<.01	<5	<.1	<.02	3.4	15
G5RD 67+50N	.35	54.01	1.87	24.4	9	9.4	6.7	146	1.83	1.0	.6	.5	1.6	34.7	.01	.10	.03	68	.35	.025	3.9	13.8	.38	98.9	.104	<1	1.16	.006	.04	<.2	1.1	<.02	<.01	7	.2	.02	3.9	15
G5RD 67+25N	.56	44.72	4.17	44.5	13	13.6	7.5	243	1.95	1.4	.5	.9	1.8	22.8	.04	.12	.08	60	.26	.103	3.7	17.2	.30	112.7	.110	1	1.94	.008	.05	<.2	1.7	.03	<.01	17	.3	<.02	6.0	15
G5RD 67+00N	.41	54.96	4.54	39.2	44	16.0	7.0	176	1.70	1.2	.5	.7	1.7	22.3	.04	.09	.08	49	.23	.095	3.6	15.3	.25	221.2	.117	1	2.00	.011	.06	<.2	1.5	.03	<.01	15	<.1	<.02	6.6	15
G5RD 66+75N	.43	44.94	2.29	20.5	13	9.0	5.9	150	2.21	1.1	.6	.6	1.8	33.7	.02	.11	.04	86	.38	.066	4.9	16.2	.28	85.3	.072	1	1.05	.006	.05	<.2	1.0	<.02	<.01	6	<.1	<.02	3.6	15
G5RD 66+50N	.38	35.68	2.82	32.6	52	12.6	6.7	185	1.93	1.3	.4	<.2	1.4	26.3	.02	.10	.05	63	.31	.130	3.5	15.7	.28	110.1	.076	1	1.44	.007	.05	<.2	1.2	.02	<.01	12	.1	<.02	4.8	15
G5RD 66+25N	.35	35.02	2.43	21.6	42	9.3	5.7	115	1.98	1.4	.5	.8	2.0	29.1	.02	.10	.05	69	.32	.113	4.6	15.6	.24	94.7	.073	1	1.25	.007	.05	<.2	1.3	.02	<.01	19	.2	<.02	4.3	15
G5RD 66+00N	.33	41.35	3.07	18.8	29	8.0	4.5	95	1.63	.9	.7	.5	1.2	35.3	.02	.11	.05	61	.29	.012	4.4	14.0	.20	101.1	.081	1	1.06	.008	.03	<.2	1.0	.02	.01	7	.1	<.02	4.0	15
G5RD 65+75N	.63	49.36	2.67	28.5	24	9.8	6.6	185	2.14	.9	.7	.4	1.9	37.7	.02	.14	.05	77	.35	.059	4.4	17.0	.33	99.1	.093	<1	1.30	.006	.06	<.2	1.3	.02	.02	9	.2	<.02	4.4	15
G5RD 65+50N	.91	25.09	4.40	60.0	69	13.1	6.4	343	2.19	2.1	.4	.5	1.6	16.7	.04	.12	.09	69	.19	.163	2.7	19.4	.21	71.1	.085	1	2.06	.006	.04	<.2	1.7	.03	.01	42	.2	<.02	6.0	15
G5RD 65+25N	.44	41.90	2.13	25.4	27	12.4	7.1	180	2.91	1.2	.5	.7	2.1	30.8	.01	.15	.04	113	.31	.065	3.7	22.7	.32	143.3	.072	1	1.31	.005	.04	<.2	1.1	<.02	<.01	5	.3	<.02	4.4	15
G5RD 65+00N	.54	24.01	3.96	40.2	37	9.9	5.7	312	1.70	1.1	.3	<.2	1.3	18.9	.02	.08	.08	54	.23	.134	2.7	14.5	.20	130.1	.072	1	1.23	.007	.04	<.2	1.0	.02	.01	15	.2	<.02	4.7	15
G5RD 64+75N	.25	19.89	1.71	21.4	14	7.1	4.8	122	1.71	.8	.4	1.5	1.2	25.0	.01	.10	.03	61	.27	.048	3.0	12.8	.20	89.8	.059	1	.84	.005	.04	<.2	.8	<.02	.02	6	.1	<.02	3.1	15
G5RD 64+50N	.40	27.94	1.95	23.9	28	10.0	5.5	138	1.85	.8	.4	.3	1.3	23.2	.03	.10	.04	64	.26	.056	2.8	14.7	.24	92.1	.065	1	1.05	.005	.05	<.2	.9	<.02	<.01	8	.1	<.02	3.7	15
G5RD 64+25N	.40	35.90	2.41	28.3	30	11.6	6.1	153	2.01	.9	.4	1.9	1.4	29.1	.01	.13	.05	71	.29	.035	3.8	20.5	.29	120.0	.093	1	1.13	.006	.04	<.2	1.2	.02	.01	6	.2	<.02	3.7	15
RE G5RD 64+25N	.44	36.85	2.61	31.3	27	11.2	6.8	158	2.04	1.0	.4	3.8	1.5	30.6	.02	.13	.05	73	.30	.036	4.1	20.6	.30	122.2	.098	1	1.15	.007	.04	<.2	1.3	.02	.02	<5	.2	<.02	4.0	15
G5RD 64+00N	.40	59.62	2.49	28.9	42	9.8	6.7	188	2.17	1.1	.5	.9	1.5	35.6	.02	.13	.05	77	.34	.048	4.4	17.7	.33	112.9	.081	1	1.26	.005	.05	<.2	1.4	.02	.02	5	.2	<.02	4.4	15
G5RD 63+75N	.58	26.85	3.77	30.7	32	8.7	5.6	194	1.55	1.0	.3	1.9	1.2	26.7	.03	.12	.06	48	.31	.097	3.5	13.6	.22	118.5	.067	1	1.05	.006	.04	<.2	1.2	.02	.03	8	.2	<.02	4.0	15
G5RD 63+50N	.58	41.19	4.21	30.1	24	10.2	6.1	188	1.80	1.1	.4	.8	1.3	32.2	.03	.13	.06	62	.34	.064	4.3	16.6	.29	124.8	.074	1	1.10	.005	.04	<.2	1.2	.02	.02	13	.2	<.02	3.8	15
G5RD 63+25N	.33	21.05	2.43	21.2	14	10.1	5.4	112	1.58	1.0	.4	.4	1.4	25.4	.01	.12	.05	51	.24	.070	3.4	13.7	.22	109.5	.069	<1	1.07	.006	.02	<.2	1.0	<.02	.02	7	.2	<.02	3.7	15
G5RD 63+00N	.60	32.89	3.19	27.0	44	11.1	5.8	179	1.95	1.3	.2	.5	1.0	20.4	.03	.12	.07	66	.20	.062	2.3	18.5	.22	103.2	.069	1	1.44	.005	.05	<.2	1.0	.02	.02	16	.2	<.02	4.9	15
G5RD 62+75N	.40	40.15	1.81	21.0	24	10.6	6.9	147	1.97	1.4	.4	.7	1.7	23.4	.02	.12	.04	71	.27	.064	4.5	17.7	.27	144.7	.055	<1	.97	.005	.04	<.2	1.2	.02	.01	7	.1	<.02	3.1	15
G5RD 62+50N	.52	37.31	2.95	24.5	25	9.1	5.9	227	1.81	1.1	.4	1.7	1.3	40.2	.02	.10	.05	66	.37	.073	3.8	13.7	.31	110.3	.063	1	1.09	.005	.05	<.2	1.1	<.02	.03	14	.2	<.02	3.7	15
G5RD 62+25N	.28	39.24	1.80	24.0	18	9.4	5.7	150	1.98	.8	.5	.5	1.6	39.0	.02	.11	.04	72	.33	.045	3.3	15.1	.32	107.1	.067	1	.97	.004	.06	<.2	1.0	<.02	.01	<5	.1	<.02	3.5	15
G5RD 62+00N	.32	29.95	2.98	30.7	37	9.7	5.1	137	1.80	.9	.5	.4	1.7	25.6	.02	.11	.07	59	.25	.092	3.2	14.7	.23	98.2	.066	<1	1.14	.006	.05	<.2	1.2	.02	<.01	11	.2	<.02	4.4	15
G5RD 61+75N	.62	21.56	4.28	44.5	21	10.6	5.1	287	1.73	1.1	.3	.9	1.3	18.4	.03	.09	.10	53	.21	.121	2.5	14.8	.18	113.6	.074	1	1.51	.006	.04	<.2	1.2	.02	.02	13	.1	<.02	5.5	15
G5RD 61+50N	.28	29.04	1.59	19.9	11	8.1	5.9	164	1.88	1.3	.6	.8	2.3	60.0	.01	.12	.03	68	.50	.061	4.5	12.9	.41	101.2	.066	1	1.15	.005	.05	<.2	1.5	<.02	.02	<5	.1	<.02	3.8	15
G5RD 61+25N	.39	32.88	2.03	26.4	22	9.4	5.6	150	1.96	.9	.4	1.0	1.2	31.3	.02	.11	.04	70	.29	.033	2.9	16.0	.30	131.3	.068	<1	1.09	.005	.03	<.2	1.0	<.02	.02	<5	.3	<.02	3.5	15
G5RD 61+00N	.41	37.64	2.26	25.1	22	8.5	6.8	219	2.05	1.0	.4	.5	1.6	34.9	.02	.12	.05	75	.31	.048	3.0	13.5	.34	103.8	.071	1	1.12	.005	.04	<.2	1.0	<.02	.03	33	.5	<.02	4.3	15
STANDARD OS2	14.15	128.87	34.23	154.2	262	36.2	12.2	819	3.07	59.6	20.1	196.3	4.1	29.0	10.23	10.08	11.31	75	.52	.089	16.0	162.5	.59	151.0	.089	2	1.72	.029	.16	7.6	2.7	1.89	.04	231	2.3	1.94	6.2	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G5RD 60+75N	.55	55.41	3.21	25.8	24	10.2	6.0	221	2.10	1.0	.3	21.3	1.3	31.7	.03	.15	.07	76	.33	.046	3.9	18.4	.23	108.8	.075	1	1.06	.011	.06	<.2	1.2	.02	.02	10	.1	<.02	3.9	15
G5RD 60+50N	.69	38.86	4.85	39.6	31	11.4	5.6	284	1.78	1.2	.5	1.9	1.5	21.8	.03	.11	.09	53	.24	.123	3.6	15.1	.21	130.5	.079	<1	1.59	.009	.04	<.2	1.4	.03	.02	19	<.1	<.02	5.5	15
G5RD 60+25N	.82	52.04	5.68	45.2	27	12.7	6.7	372	2.07	1.0	.5	2.0	1.5	29.8	.04	.15	.09	69	.30	.108	3.8	16.4	.27	135.2	.079	1	1.51	.010	.05	<.2	1.4	.03	.02	23	<.1	<.02	5.7	15
G5RD 60+00N	.71	36.76	5.05	54.7	64	11.0	5.4	308	1.73	1.2	.3	.9	1.3	20.5	.06	.11	.10	51	.24	.200	3.7	14.7	.20	175.0	.084	1	1.51	.011	.05	<.2	1.5	.03	.01	19	.1	<.02	5.4	15
G5RD 59+75N	1.26	40.21	6.19	53.5	57	16.0	6.8	379	2.03	1.7	.5	.3	1.8	19.0	.06	.13	.12	58	.21	.143	3.6	17.0	.23	169.0	.107	1	2.54	.013	.04	.2	1.8	.04	<.01	19	<.1	.02	7.3	15
G5RD 59+50N	.79	28.23	5.93	46.6	33	10.2	5.7	484	1.56	1.0	.3	.3	1.2	25.4	.04	.11	.10	47	.30	.098	2.9	12.6	.19	113.8	.083	1	1.47	.011	.04	<.2	1.2	.03	<.01	16	.1	<.02	5.4	15
G5RD 59+25N	.62	32.76	4.34	31.2	42	9.4	5.4	292	1.71	.9	.4	.3	1.2	29.0	.03	.11	.07	57	.27	.075	3.2	14.1	.23	110.7	.072	1	1.30	.008	.04	<.2	1.1	.02	.01	14	<.1	<.02	4.6	15
G5RD 59+00N	.78	28.96	4.34	29.2	17	9.4	5.6	207	1.75	.9	.3	1.0	1.0	24.9	.02	.13	.09	58	.25	.065	2.7	13.6	.24	107.4	.079	1	1.37	.008	.03	<.2	1.1	.02	<.01	14	<.1	<.02	5.2	15
G5RD 58+75N	.80	37.05	10.65	32.6	13	9.5	6.2	216	1.84	1.1	.4	.5	1.3	31.2	.03	.13	.08	62	.31	.075	3.3	14.5	.27	116.2	.080	1	1.37	.009	.04	<.2	1.3	.02	.01	9	.1	<.02	5.1	15
G5RD 58+50N	.61	43.35	3.97	33.2	10	11.1	6.2	189	1.89	.9	.3	2.5	1.4	25.8	.03	.12	.08	63	.28	.088	3.4	15.6	.25	101.6	.079	1	1.43	.009	.08	<.2	1.2	.02	<.01	9	<.1	.02	5.1	15
G5RD 58+25N	.49	42.31	3.01	28.0	19	9.8	6.3	176	2.21	1.0	.4	.6	1.4	29.9	.02	.13	.05	82	.32	.076	3.6	16.0	.28	94.8	.076	1	1.21	.008	.04	<.2	1.1	<.02	<.01	7	<.1	<.02	4.6	15
G5RD 58+00N	.44	46.20	3.30	29.4	21	9.7	6.4	179	1.92	.9	.5	1.0	1.7	36.6	.04	.12	.07	66	.38	.067	4.1	15.0	.31	125.3	.076	1	1.29	.011	.05	<.2	1.4	.02	.01	11	<.1	<.02	4.5	15
G5RD 57+75N	.62	38.02	3.52	27.4	24	9.6	6.1	156	2.15	.9	.4	.6	1.6	27.8	.02	.11	.07	76	.30	.087	3.7	16.7	.23	125.5	.065	2	1.25	.008	.05	<.2	1.2	.02	.01	10	<.1	<.02	4.6	15
G5RD 57+50N	.43	55.46	3.17	24.9	26	10.1	6.0	151	1.93	.7	.8	.7	1.8	37.6	.02	.13	.06	67	.37	.051	5.8	16.5	.26	103.7	.068	<1	1.19	.010	.04	<.2	1.4	.02	<.01	5	<.1	<.02	4.3	15
G5RD 57+25N	.55	60.57	2.71	28.5	22	10.5	6.6	207	2.10	1.0	.8	1.1	1.7	31.2	.02	.15	.06	73	.38	.061	5.8	17.7	.32	130.1	.071	1	1.22	.011	.05	<.2	1.7	.02	<.01	8	<.1	<.02	4.2	15
G5RD 57+00N	.60	21.26	3.17	23.5	27	6.4	3.9	145	1.43	.6	.2	.6	.9	16.2	.02	.08	.07	46	.19	.103	2.4	10.9	.15	82.2	.049	1	.82	.007	.04	<.2	.9	.02	<.01	15	.3	.02	3.8	15
G5RD 56+75N	.55	47.50	2.28	26.8	11	9.7	6.4	200	2.05	1.1	.4	1.5	1.5	27.3	.02	.13	.05	74	.32	.069	5.0	17.5	.29	101.9	.064	1	1.04	.008	.06	<.2	1.5	.02	<.01	7	.5	<.02	3.8	15
RE G5RD 56+75N	.51	49.41	2.39	26.1	13	9.7	6.6	194	2.08	1.0	.4	7.3	1.6	28.3	.03	.15	.05	76	.33	.066	5.0	17.9	.30	104.3	.068	1	1.08	.011	.06	<.2	1.5	.02	<.01	11	.3	<.02	3.8	15
G5RD 56+50N	.31	51.44	1.85	17.8	13	8.3	6.6	162	2.77	1.1	.5	.5	2.1	31.5	.02	.13	.04	114	.43	.081	5.5	19.7	.30	67.8	.061	1	.76	.007	.05	<.2	1.2	<.02	.01	<5	.1	<.02	3.5	15
G5RD 56+25N	.37	23.38	2.55	25.2	18	10.1	6.3	143	2.00	.8	.4	.3	1.5	29.5	.02	.12	.05	73	.29	.066	3.2	14.9	.28	93.3	.078	1	1.17	.010	.05	<.2	1.2	.02	<.01	<5	.1	<.02	4.3	15
G5RD 56+00N	2.13	47.73	6.06	50.3	68	14.0	7.6	225	2.25	1.8	.5	.6	1.8	22.6	.05	.14	.12	66	.23	.156	4.1	18.6	.28	139.0	.106	1	2.35	.010	.04	<.2	1.9	.03	<.01	34	.2	.02	7.7	15
G5RD 55+75N	2.05	20.65	7.32	39.9	28	8.1	4.1	287	1.38	1.1	.2	.5	1.1	12.3	.05	.10	.14	41	.13	.070	2.4	10.3	.14	103.7	.083	1	1.42	.009	.03	<.2	1.0	.03	<.01	23	.1	.03	5.8	15
G5RD 55+50N	1.29	66.91	4.81	46.8	38	16.7	8.2	317	2.59	2.1	.6	1.2	2.3	31.5	.05	.16	.10	83	.30	.128	4.4	22.3	.36	158.7	.100	1	2.30	.009	.05	<.2	2.2	.04	<.01	18	<.1	<.02	7.3	15
G5RD 55+25N	.57	90.48	4.45	42.1	44	13.1	10.5	477	2.27	1.3	1.2	.8	3.2	119.9	.06	.15	.06	74	1.54	.090	8.9	15.4	.66	221.2	.095	2	2.36	.012	.10	<.2	2.2	.03	.02	27	.1	<.02	7.9	15
G5RD 55+00N	.61	51.18	3.44	28.0	13	10.3	7.7	277	1.96	.9	.6	.6	1.9	53.0	.03	.16	.05	71	.59	.039	5.6	14.7	.42	133.8	.081	1	1.26	.010	.05	<.2	2.0	.02	<.01	15	<.1	<.02	4.6	15
STANDARD DS2	14.29	125.87	34.41	151.0	267	36.7	12.3	804	3.02	60.4	17.8	207.1	3.8	28.2	10.61	10.11	10.98	73	.51	.091	16.5	159.1	.58	145.8	.089	2	1.66	.029	.15	7.5	2.7	1.90	.02	222	2.2	1.85	6.3	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA ___

GRID E 85+00

GRID E 90+00

GRID E 95+00

GRID E 100+00

GRID E 105+00

GRID E 110+00

GRID E 115+00

GRID E 120+00

GRID N 75+00

GRID N 70+00

GRID N 65+00

GRID N 60+00

GRID N 55+00

GRID N 50+00

50° 15.00'N — 121° 00.00'W

50° 12.00'N — 121° 00.00'W

50° 12.00'N — 121° 55.00'W

GORD 1
6N x 3E
374920

GORD 2
6N x 3E
374921

GORD 3
3N x 6W
374945

GORD 4
3S x 6W
374946

GORD 5
6N x 3W
374947

GORD 6
6N x 3W
374948

GORD 7
6N x 3W
374949

GORD 8
2N x 3W
374950

GORD 9
382239

GORD 10
5N x 4W
382240

SOIL SAMPLE GRID N55+00 to N70+50 (ADJACENT TO LOGGING ROAD)

SOIL GRID LINE N65+00/E115+00 to 135+00

SOIL GRID LINE N55+00/E115+00 to 135+00

SOIL GRID LINE N35+00/E 25+00 to 45+00

SOIL GRID LINE N25+00/E 30+00 to 45+00

SOIL GRID LINE N25+00/E135+00 to 155+00

TAP 92ISE079

JUA 92ISE171

LARON 92ISE189

ERIC 92ISE036

WP 92ISE018

MARS 92ISE033

TITAN QUEEN 92ISE034

CRAIGMONT 92ISE035

MARS 72 92ISW037

EPIDOTE ALTERATION ZONE

EPIDOTE AND CALC-SILICATE ALTERATION ZONE

FELSIC DYKE

GORD-1

GORD-2

GORD-3

GORD-4

GORD-5 MARBLE ? EPIDOTE ALTERATION ?

GORD 8-1

GORD 8-2

GORD 8-3

GORD 8-4

GORD 8-5

GORD 9-1

GORD 9-2

GORD 9-3

GORD 10-1

GORD 10-2

GORD 10-3

AREA OF MAGNETIC DISTURBANCE

I.R. # 9 NODAITCH GRASS

I.R. # 1 NICOLA MAMMETT

LEGEND

GEOLOGY

CRETACEOUS SPENCES BRIDGE GROUP

9 UNDIVIDED, MAINLY LAVA FLOWS

TRIASSIC GUICHON CREEK HIGHLAND VALLEY PHASE

3b GUICHON VARIETY: GRANODIORITE

3a GRANODIORITE TO QUARTZ DIORITE, INTERMEDIATE BETWEEN 2 AND 3

2 BORDER PHASE: GRANODIORITE TO QUARTZ DIORITE

LATE TRIASSIC NICOLA GROUP:

1e ALKALIC VOLCANIC FLOWS AND PYROCLASTIC ROCKS

1d INTERMEDIATE TO BASIC VOLCANIC ROCKS

1c VOLCANIC BRECCIA, FLOWS AND DEBRIS SLIDE

1b MIXED VOLCANIC AND SEDIMENTARY ROCKS

1a SANDSTONE, LIMESTONE, ARGILLITE AND SOME CHERT

SYMBOLS

CLAIM BOUNDARY I.D. POST, DASHED OVER CURRENT CLAIM

MINFILE SHOWING OR MINE WITH REFERENCE NUMBER

SOIL GRID LINE WITH SAMPLE LOCATIONS, VALUES IN PPM Cu

ROCK SAMPLE LOCATION

GEOLOGY BOUNDARY, ACTUAL OR INFERRED, WITH GEOLOGY

DYKE, SILL OR ALTERATION ZONE

BEDDING STRIKE AND DIP

JOINTING WITH DIP

SCHISTOSITY STRIKE AND DIP

SUBVERTICLE DIP

0 100 200 300 400 500 1000 METRES

0 1000 2000 3000 FEET

ROCK SAMPLE ASSAY RESULTS

ROCK SAMPLE #	Cu ppm
GORD-1	172.
GORD-2	6.
GORD-3	43.
GOR 8-4	158.
GOR 8-5	315.
GOR 9-1	27.
GOR 9-2	119.
GOR 9-3	245.
GOR 10-1	211.
GOR 10-2	68.
GOR 10-3	96.

ASSESSMENT REPORT

FIGURE 2. | NTS: 92I02W, 92I03E AND 92I07W

GORD CLAIMS; GEOLOGY, SAMPLE LOCATIONS AND GRID LINES

SCALE: 1:12,000 | JUNE 2001 | J.G.L.

AHURA MINING LIMITED

26,569