GEOCHEMICAL ASSESSMENT

REPORT ON THE

KNOB HILL PROPERTY

Vancouver Island, B. C.

Latitude 50° 46' N, Longitude 128° 03' W

for

FIRST CHOICE INDUSTRIES LTD.

by

D.G. Leighton, P.Geo.

December 20, 1996

CONTENTS

ILLUSTRATIONS

SUMMARY

Knob Hill is an established porphyry copper-gold-moly prospect located 45 km west of Port Hardy on Vancouver Island. In its present configuration, the property consist of seven claims (120 units) owned by Kamaka Resources Ltd and optioned to First Choice Industries Ltd.

Recent surveys (Nov.-Dec., '95 and August 1996) have advanced the property database, extending work completed by Chevron Minerals Ltd. (1970-75), Teck Corporation (1980), and Placer Dome Exploration Ltd. (1989). A 10 hole, 600 metre drill programme in October-November 1996 showed extensive polymetallic sulphide vein mineralization with gold grades to 0.87opt within extensive background values averaging 0.005-0.010 opt gold

Knob Hill is within and near the northwestern extremity of a 25 km band of Bonanza Group volcanics and coeval intrusives which host important zones of alteration and mineralization – the Expo Porphyry Belt. Other properties include: Hushamu, a copper-gold deposit (191 million tons, 0.30 Cu, 0.010 opt Au); the Hep and Red Dog copper-gold-moly deposits, as well less advanced prospects.

Only since 1980, and particularly since 1990, sulphide rich and siliceous alteration caps overlying these porphyry systems have been shown to contain significant gold mineralization adding an important new dimension to exploration potential in the region.

The Knob Hill claim block covers the central portion of a large 'tundra-like' plateau; marshy terrain and glacial clay-abundant overburden which masks mineralization. Notwithstanding, large areas of disseminated sulphide mineralization are evident in scattered outcrops and frost heave boulders.

Knob Hill contains a pronounced linear magnetic anomaly suggesting a major thoroughgoing fault with considerable offset. Silicification found in corresponding volcanics and sediments support this interpretation. Veining too is more prevalent than in areas underlain by Bonanza rocks to the east. Pyrite is widespread in the altered rocks, along with pyrrhotite, chalcopyrite and sphalerite.

An obvious exploration target for copper from previous work is a soil anomaly trending NW-SE across the south side of Knob Hill. This target contains two sub-zones about 1200 by 400 metres in size within a one by five kilometre area. Furthermore, rock in this area displays biotite-chlorite-magnetite alteration which is typical of the other porphyry copper systems in the belt.

In 1995 a control grid was established by First Choice Industries Ltd. to support a 42 line-km geochemical-geophysical survey. In August 1996 this grid was extended by 12 km with 6 lines to the southeast.

The first survey produced coincident base-precious metal anomalies contained within a broad magnetic high. The perimeter and southeast portion of the anomaly is characterized by copper-zinc enrichment along with above average barium and arsenic. The core area contains elevated arsenic, gold and copper values. The extended grid showed a continuation of the strong arsenic-gold-lead anomaly in an area of low magnetic values. The extended target is 1100 metres long by 700 metres wide, and is open to the south.

Eleven holes drilled prior to 1975 at scattered sites intersect porphyry style mineralization analogous to Hushamu and Island Copper. Besides copper, important indicator minerals are present; particularly, secondary biotite, tourmaline and arsenopyrite. Calcite-arsenopyrite veining in one hole is associated with elevated gold values.

The ten holes drilled in 1996 test a separate area characterized by a magnetics low and siliceous altered rhyolite float. The latest holes intercepted rhyolite flows and breccias, with fine orthogonal vein sets, containing copper, lead, arsenic, zinc and gold mineralization. Brecccia pipes containing coarse angular sulphide clasts, crackle veined rhyolite fragments, and copper bearing andesite fragments confirm the nearby presence of a major mineralizing system overlying what appears to be a porphyry copper-gold target.

Geophysical surveys competed after the latest drill programme indicate that a large zone of very strong sulphide mineralization occurs northwest of the current drilling. This zone has chargeability values two to three time those within the area drill tested. Gold-arsenic values in soils are high within this area.

A further zone of high resistivity and moderate chargeability occurs central to the overall gold soil anomaly, but west of the arsenic-lead-gold anomaly. This area is approximately 500 metres in diameter, and starts 100 metres west of the current drilling. The zone correlates on its south side with moderately fractured, sulphide veined rhyolite and rhyolite breccia.

A Le Panto type gold target is indicated based on the arsenic-gold association and porphyry environment. Although dredges are reported to have operated on the northwest coast at the turn of the century, there has little exploration for bedrock mineralization and no previous searches for gold in the Knob Hill area. This in spite of the fact that the two key drainages, the Stranby and Nahwitti Rivers, contain gold in their gravels.

An obvious exploration target for copper from previous work is a soil anomaly trending NW-SE across the south side of Knob Hill. This target contains two sub-zones about 1200 by 400 metres in size within a one by five kilometre area. Furthermore, rock in this area displays biotite-chlorite-magnetite alteration which is typical of the other porphyry copper systems in the belt.

Work on the Knob Hill claims in from November 1995 to November 1996 confirms that the Property contains potential for porphyry copper-gold and indicates the possibility of epithermal gold mineralization. Therefore, follow-up work is proposed to locate mineralization centers. Stage II (Drilling) is recommended in the geophysical target area adjacent to the current drill agea. Costs (rounded off) are estimated as follows:; Drilling, 8,500 feet, $350,000; additional surveys (to south), $65,000 Total $415,000.

INTRODUCTION

This report describes results from the latest phase of exploration work on Knob Hill on northern Vancouver Island.

The field program began on July 15, 1996, and took about six weeks to complete. It comprised an integrated geochemical-prospecting survey; the purpose, to investigate a arsenic-gold target near a porphyry copper target. Work was done under the overall direction of Mr. Peter G. Dasler, president of First Choice Industries Ltd.

An attempt has been made to integrate results with information from earlier programs. Interpretations are included together with recommendations outlining proposed follow-up work.

Location, Access and Physiography

Knob Hill (see Figure 1) is 45 km northwest of Port Hardy on northern Vancouver Island. Topographic coordinates of the claim block center are 50° 46' north, 128° 03' west and the relevant NTS map-sheet is 102I/16E. At present access is by helicopter. Logging roads are being extended toward the prospect from several directions however which may eventually allow vehicle access.

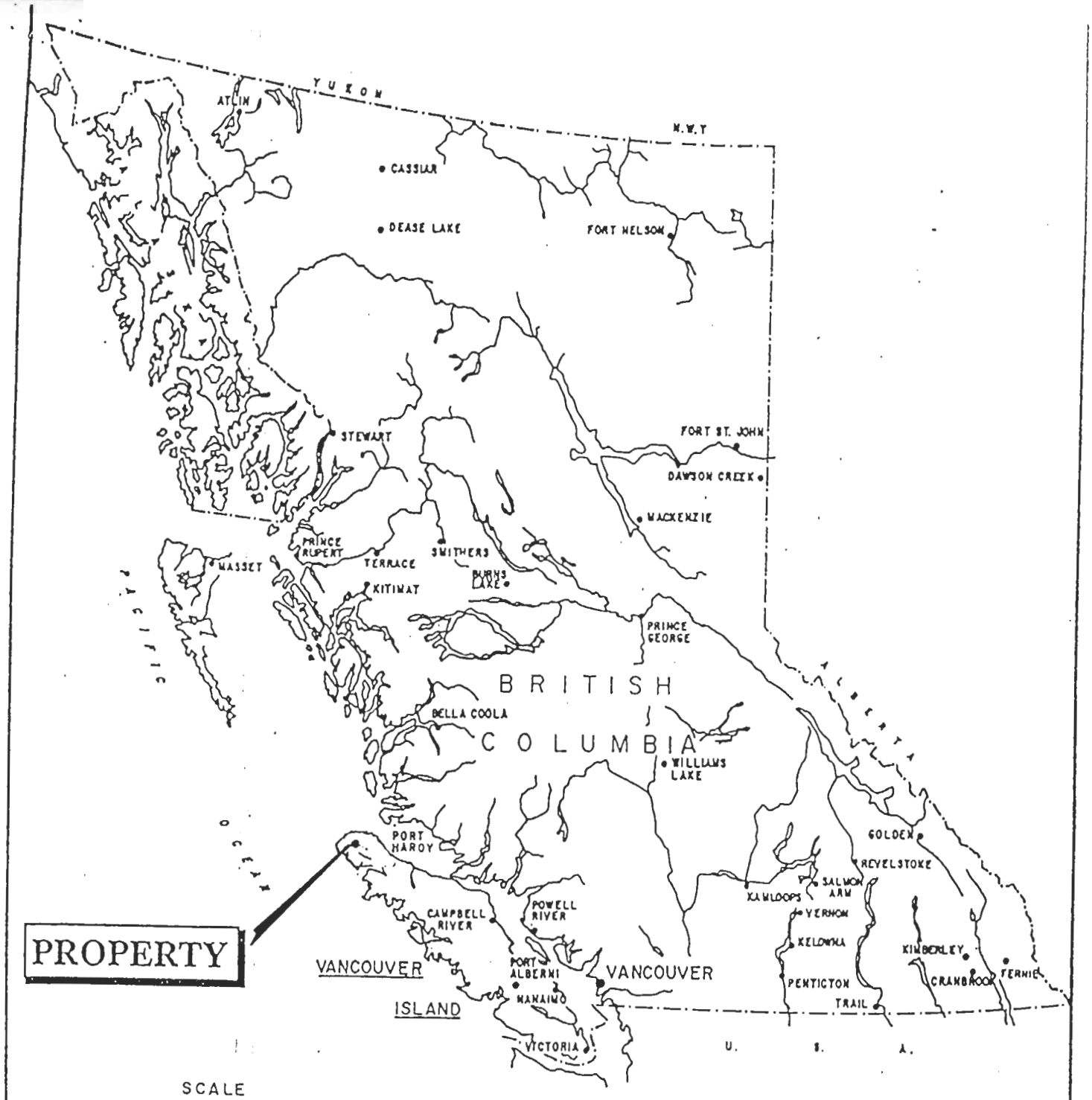
The region of interest occupies the center and southern flank of a relatively flat area referred to as Knob Hill Plateau. The Plateau has an elevation of 500-700 metres, and to the south, east and northeast is bounded by steep slopes supporting mature stands of timber.

Terrain is an unusual (for Vancouver Island) mixture of perched marshy ground and open grassland with scattered groves of stunted cedar and jackpine. A small unnamed lake east of Knob Hill summit furnishes water year-round to a creek draining north. Other streams flow to the west and southeast.

Property and Claim Status

The Knob Hill Property (Figure 2) consists of seven contiguous four-post claims located within the Nanaimo Mining Division as follows:

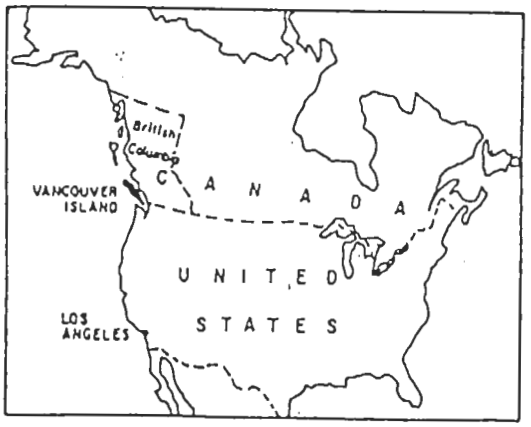
Claim	Tenure No.	Units	Expiry	Recorded Owner
Knob #1	342338	12	Nov 16 1996	Peter Dasler
Knob #2	342339	16	Nov 16 1996	Peter Dasler
Knob #3	342340	12	Nov 17 1996	Peter Dasler
Knob 4	342341	20	Nov 18 1996	Peter Dasler
Knob 5	347091	20	June 13 1997	Peter Dasler
Knob 6	347092	20	June 14 1997	Peter Dasler
Knob 7	347093	20	June 16 1997	Peter Dasler



SCALE

0 100 200 300

Km. Km.

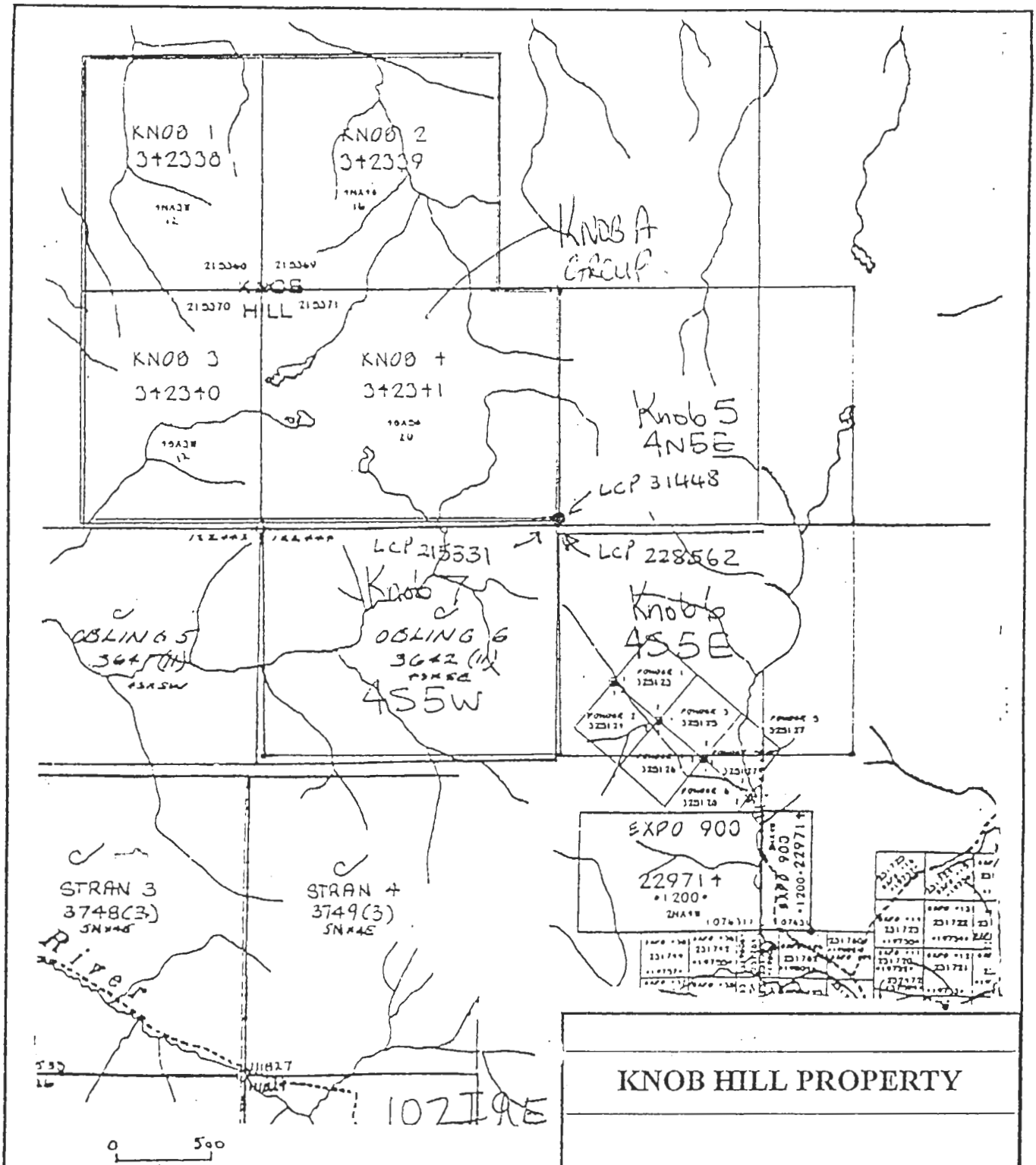


KNOB HILL PROPERTY

LOCATION MAP

KAMAKA RESOURCES LTD.

Scale: 1:50,000 | Fig 1 | Date: FEB. 1994



KNOB HILL PROPERTY

CLAIM MAP

KAMAKA RESOURCES LTD.

Scale: 1:50,000	Fig 2	Date

History

The first recorded work on Knob Hill was by Chevron Standard Ltd. who became active in the area in the early 1970s following discovery of the Island Copper Mine. Chevron geologists realized that significant alteration patterns extended along a belt of Bonanza Formation rocks beyond the Holberg–Expo zone and, as part of the ensuing staking rush, optioned the Elk mineral claims. Over a five year period a program of mapping was completed along with till sampling, overburden drilling, ground magnetic surveys, limited IP work, and diamond drilling: four holes in 1972 (3,177 ft.), five holes in 1976 (1,989 ft.).

The Elk claims reverted to Messrs. Veerman and Botel in 1980 when Chevron withdrew from mining in B.C. after which Teck Corporation took control of the property. Teck completed a minor magnetometer survey and drilled three short holes intercepting sub-economic copper mineralization.

In 1989 Placer Dome Canada Ltd. re-staked the area following a regional survey for gold related to diorite intrusives. Placer was drawn to the region primarily because of concentrations of gold discovered in Oblong Creek. Modest follow-up programs were completed over a three year period including two long soil sample lines northeast of Knob Hill, along with reconnaissance mapping. Gold samples were microprobed revealing mercury and copper rich grains – indicating both epithermal and mesothermal targets.

Finally, the area was staked by Kamaka Resources Ltd. in March-April, 1993, to cover the previously recognized copper anomalies (Chevron 1975), new gold anomalies (Placer 1990), and an area of northwest trending magnetic lineations. First Choice Industries Ltd. optioned these claims in August, 1995. A first phase of exploration soil sampling was carried out in November 1995 (42 line-km). A second phase of soil sampling, and prospecting was carried out in August 1996. A ten hole 600 metre drill programme was carried out using a "prospector" drill in October-November 1996.

REGIONAL GEOLOGY

Vancouver Island, north of Holberg and Rupert Inlets, is underlain by mainly volcanic rocks of the Vancouver and Bonanza Groups (Muller et al 1974). These units, ranging in age from Upper Triassic to Mid-Jurassic, form part of an emergent Island Arc. The sequence is intruded by Jurassic and Tertiary dykes, sills and stocks and, in turn, is overlain by later Cretaceous sediments. There is a distinct northwest regional trend to all major lithologic units.

Vancouver Group rocks are divided as follows:

Basal Sediment - Sill Unit: The so-called "Daonella" beds; Middle Triassic
Karmutsen Formation: Basaltic flows and tuffs; Upper Triassic
Quatsino Formation: Limestone; Upper Triassic
Parson Bay Formation: Fine ash tuffs and sediments; Upper Triassic

The Bonanza Group contains two divisions:

Harbledown Formation: Sediments; Lower Jurassic

Bonanza Volcanics: Andesitic ash tuff and flows; Lower Jurassic

Diorite-quartz diorite stocks of the Island Plutonic suite (Island Intrusions) intrude the Vancouver and Bonanza Group rocks. Quartz-feldspar porphyry (QFP) dikes and irregular bodies occur along the southern edge of the belt of stocks. These dykes are characterized by coarse, subhedral quartz and plagioclase phenocrysts set in a grey or pink, fine grained, quartz and feldspar matrix. They are commonly extensively altered and pyritized. Bonanza Group rocks together with associated plutonic phases host the majority of copper occurrences in the district with porphyry copper systems appearing in the lower part of the succession.

At the Island Copper Mine, the porphyries are enveloped by altered, brecciated and mineralized Bonanza wallrocks and all rock units are pyritized, extensively altered, mineralized where they have been brecciated, and cut by siliceous veins. The porphyries are thought to be differentiates of Middle Jurassic felsic intrusive rocks of the Island Intrusions (Muller et al 1974). Cretaceous sedimentary rocks of the Coal Harbour Group overly Bonanza volcanics locally.

In economic terms, he most significant regional fault system is the one trending west to northwest along Rupert and Holberg inlets. Near Holberg this structure splits, the main branch following Holberg inlet, another passing through the west side of the Stranby River Valley, east of the property. A subsidiary northwesterly to westerly fault system passes through William Lake, lowland south of the Stranby River. Another system runs through Nahwitti Lake Valley.

Northeast trending faults comprise a series of subordinate but economically important structures in the North Island area. In some cases lateral displacements exceeding several hundred metres has been noted.

Airborne magnetometer data clearly shows dominant west-northwest breaks as well as the conjugate sets of northeast trending faults. Intersections of these major fault sets coincide with copper-gold occurrences at Hushamu, Hep, Red Dog, and the Island Copper orebody. As indicated on Figure 3, these relationships are an especially useful exploration guide.

PROPERTY GEOLOGY

The area surrounding Knob Hill forms a gently rolling plateau, locally bush covered, but mainly characterized by small scattered ponds and open peaty swampland. In places frost boils provide indications of shallow subcrop.

The claims are underlain by highly altered Bonanza Group volcanics intruded to the northeast by

diorites and overlain by relatively young Cretaceous sediments to the southwest. Details are impossible to discern owing to lack of outcrop. The few exposures demonstrate extensive alteration to the extent that lithologic identification is difficult or impossible to establish. Alteration products positively identified in drill core from scattered locations include sericite, chlorite, clay minerals, biotite, secondary quartz, pyrite and pyrrhotite. Chalcopyrite remains visible in some specimens.

A basal till drill-sampling program was completed by Chevron Standard Minerals Ltd. in 1972; samples were assayed for copper, molybdenum and zinc. Results compared favorably with soil results.

Chevron's geochemical survey defined a large area with anomalous copper. The wide sampling (300 ft. on 800 ft. spaced lines) defined a zone approximately 5 by 1 km with values generally over 200 ppm copper. Within this zone (which appears to be two zones offset by a northeast trending fault) there are two sub-areas defined by highly anomalous values (800-1100 ppm Cu).

Knob Hill is on the south side of a strongly deformed 4000 gamma airborne magnetic anomaly (Figure 3). West of the summit, offset in the magnetic field suggests a major NE trending structure, a feature reflected in ground geophysics and in the granodiorite outcrop pattern as well. Strong silicification in the volcanics and in the (Parsons Bay) sediments (mapped as rhyolite) apparently relate to this or other structures. Pyrrhotite is common in the altered rocks, along with pyrite, and some chalcopyrite and sphalerite.

A narrow belt of 'rhyolite' parallels the southern edge of this intrusive in the north (the granodiorite-quartz diorite stock), and, further south, scattered outcrop and subcrop indicate a 2-3 km wide zone of volcanics. This is an extension of the Expo–Porphyry Bonanza Group volcanic belt to the southeast.

There are eleven drill sites scattered across the Knob Hill Property with holes ranging from 20 to 150 metres deep. Core from these holes provides evidence of a porphyry environment similar to that hosting Island Copper, particularly in the extensive pyritization and magnetite-chlorite-biotite alteration. Copper was only recorded by Chevron from hole 72-1 (80 ft. of 0.10% Cu, incl. 10 ft. of 0.2% Cu). Drill logs portray an incomplete picture however; unsplit core from Chevron's 1976 drill program exhibits widespread, albeit low grade chalcopyrite mineralization.

Coarse calcite-arsenopyrite veining was noted earlier in one 1972 hole This material was sampled and assayed by Placer geologists in 1990, and was shown to contain elevated gold values, (7200 ppm As, 410 ppb Au).

Unfortunately weathering of boxes has obliterated some of the hole numbering (and footage marker information) making re-examination extremely difficult. A suite of core samples was examined with a binocular microscope and two samples (KH4 and KH6) submitted for petrologic work.

Chevron geologists reported significantly more quartz veining in the volcanics on the property than elsewhere in the belt. This is confirmed by Mr. Peter Dasler (personal communication) who has extensive experience mapping and supervising exploration programs on properties located between Knob Hill and the Island Copper Mine. In fact, in the writer's experience, it is unusual to see extensive quartz veining in the Bonanza Group volcanics. Mr Dasler, and others, speculate that the increased quartz veining is associated with regional hornfelsing by the large intrusive body located to the north of the Knob Hill property and that this may be a significant factor related to anomalous gold values in the Knob Hill area.

The Exploration Target(s)

From early work, an obvious target at Knob Hill became the large soil anomaly (200 - 400 ppm Cu) on the southern slope. Moreover, rock in this area exhibits a distinctive biotite-chlorite-magnetite alteration, a feature typical of every significant porphyry deposit and prospect in the 60 km long Island Copper – Expo Belt. The anomaly contains two sub-zones measuring 1200 by 400 m within a broader area roughly 1 by 5 km in extent.

Work by Placer Dome focused on gold dispersion in Oblong Creek, a stream which drains the southeastern flank of the Knob Hill. According to D. Sketchley, Placer's field crew obtained one moss mat sample from the Creek which contained 30-50 gold colors. Following this discovery, gold was found through to the headwaters. Microprobed samples showed gold to be copper-mercury rich -- indicating both a deep porphyry, and a high level epithermal environment.

In August 1993 Peter Dasler re-sampled the lower levels of Oblong Creek and obtained samples with 1-7 colors of gold in 10 pannings. In fact, his first sample contained six small gold particles (specks) and one 0.75 mm flat flake.

Gold in the drainages from Knob Hill is not common to steams elsewhere in the belt. Furthermore, Oblong Cr. runs into the Stranby River, which was dredged for gold at its mouth (10 km to the northwest) at the turn of the century. And north of Knob Hill, the Nahwitti River was also being dredged.

Knob Hill is underlain, in part, by high level acid-sulphate altered rocks ('ignimbrite' near top centre of Fig. 7 following page 11). Further east, acid sulphate alteration occurs at both the NW Expo showing and surrounding the Red Dog property.

Based on geological-geochemical similarities, Peter Dasler has suggested that the Le Panto-El Indio deposit model may be an applicable exploration guide to future work at Knob Hill. Support for the idea that a replacement sulphide-gold target exists comes from the arsenic-antimony-gold association, from observed alteration patterns and from the probable occurrence of acid volcanic rocks known as

ash flow tuffs or ignimbrites. And, as Mr. Dasler has noted, comparable high-level (epithermal) gold mineralization exists at Hushamu (Cf. recent drilling results obtained by Moraga Resources Ltd.). Furthermore, the geologic section becomes shallower to the west. While deep erosion has removed high level zones from Island Copper, locally evidence remains of an epithermal zone at Hushamu. At Knob Hill, further west and even geologically higher, the probability of the upper portion of the porphyry system (along with its gold rich cap) remains.

The extension of the 1995 grid work in 1996 further enhanced the potential of the southwestern portion of the property to contain gold. Further extensive zones of enhanced gold mineralization along with copper-lead zinc and arsenic values in soils, provides evidence of a high level epithermal environment. Panning of gold from the headwaters of Oblong creek indicates that the zone of gold enrichment is over 2 km in length. The drill programme which was carried out using the "prospector' drill was primarily aimed at testing the first 10-30 metres of subcrop. The extensive sulphide stockworks in drill hole 96-1 lead to an attempt to drill less sites to deeper depths. The geophysical survey completed after the drilling was used to target the extensions of the mineralized zones encountered in drillholes 96-1 to 96-10.

GEOCHEMISTRY

In 1990 Placer Dome geologists collected soil samples along an orientation line on the east side of Knob Hill. Highly anomalous samples ran up to 150 ppb gold and a test pit 300 m to the northeast returned 100 ppm arsenic.

A follow-up sampling program, funded by First Choice Industries Ltd. In 1995, was designed to provide a wide coverage centered on Placer's anomaly. To facilitate this, a new control grid was established. Material was collected using special augers at 25 metre intervals on 100 metre spaced lines. Sampling depths ranged from 10 cm to 1.2 metres. A total of 1657 samples were collected on lines 4000N to 5400N. In August 1996 a further 592 soil samples and 30 rocks were collected. Where possible, soil was obtained from the B-horizon. Unfortunately large areas were found to be are covered with peaty humus where the B-zone was either not developed or too deep to reach with the available equipment.

Each sample was numbered (using its grid co-ordinate), placed in an envelope then sent to Acme Laboratories in Vancouver for drying and testing following the standard procedures for 30 element ICP analysis. Gold, copper, arsenic, lead, and zinc results were plotted and contoured (Figures 5a-d) Plots showing assay values are included. Laboratory assay results are provided in Appendix I.

Multi-element anomalies trend across the survey area. These were determined in part from statistics available for adjacent areas on Vancouver Island combined with data from the Property. This was necessary owing to strong statistical weight caused by numerous A-horizon samples in the suite (and their generally low values). The statistical summary tabulated below shows interpreted threshold

values for various elements for the 1995 soil data, taking regional survey data into account.

	Copper	Lead	Zinc	Gold	Silver	Arsenic
Count**	1650	1280	1653	1300	644	1279
Min.	1	3	1	1	0.3	2
Max.	300	4812	157	513	6.6	1594
Mode	3	3	7	1	0.3	2
Median	7	11	21	4	0.4	12
Mean	18.9	16.1	28.2	8.5	0.6	24.1
Std. Dev.	23.0	136	23.1	24.8	0.4	63.9
Anomaly*	50	10	75	10	0.5	50

* Anomaly definition influence by statistics for region.

** Values above detection limit

Results are dominated by the forementioned copper anomaly, most pronounced in the southeastern portion of the grid, but also occurring in the northwestern portion of the grid, and sporadically in between. Other elements mimic copper.

In the Knob Hill area, geochemical response is strongly influenced by soil class. This is clearly evident when copper data from only B-zone soil sampled locations is plotted; anomalies become well defined. In other words, inconsistent soil development in the area makes interpretation extremely difficult and certainly limits the effectiveness of this exploration technique.

Gold and arsenic mineralization, first identified by Placer Dome, coincides with the copper-in-soil anomaly, but also, as spot highs near the center of the property. As expected, these values too are influenced by soil type and geochemical data would probably be more diagnostic except for the presence of swampland cover. In general, anomalous values mirror a magnetics anomaly.

GEOPHYSICS

Airborne Magnetic Survey

In the early 1960s, the government completed an airborne magnetic survey covering much of the north end of Vancouver Island. The objective was to assist companies searching for iron and/or copper-iron skarn deposits. In fact, the resulting data has made an invaluable contribution to regional mapping (lithologies and structure) and the identification of fertile prospecting environments, particularly in pointing toward regions of extensive hydrothermal alteration likely to host epigenetic mineral deposits.

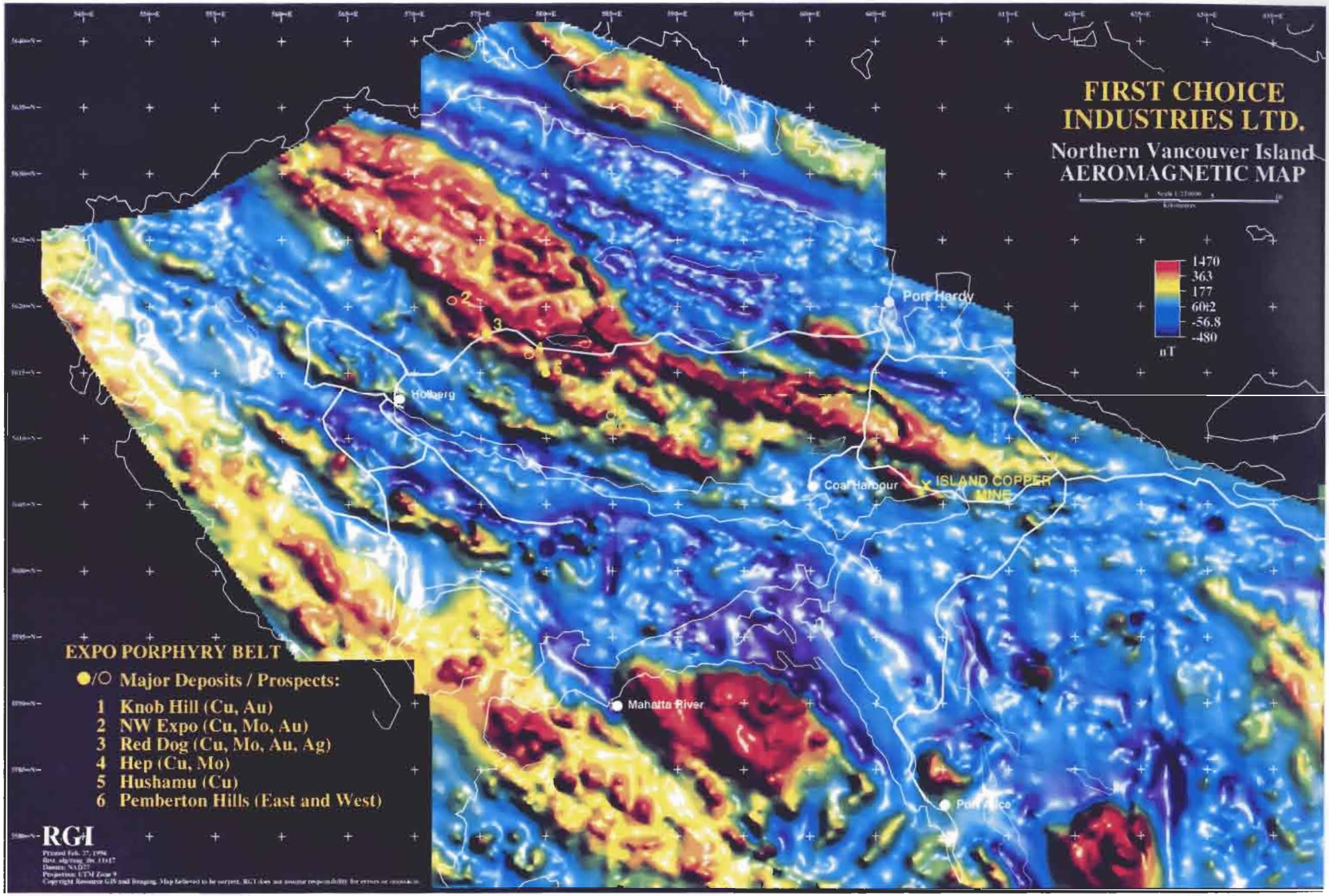

FIRST CHOICE INDUSTRIES LTD.
Northern Vancouver Island
AEROMAGNETIC MAP
1470
363
177
60±2
-56.8
-480
nT
Port Hardy
Holberg
Coal Harbour
ISLAND COPPER MINE
Mahatta River
Port Alice
EXPO PORPHYRY BELT
●/○ Major Deposits / Prospects:
1 Knob Hill (Cu, Au)
2 NW Expo (Cu, Mo, Au)
3 Red Dog (Cu, Mo, Au, Ag)
4 Hep (Cu, Mo)
5 Hushamu (Cu)
6 Pemberton Hills (East and West)
RGI

Fig 3.

Figure 3 shows the airborne survey data over the Expo Porphyry Belt along with some of the main deposits and prospects. A clear pattern is evident. And it should be noted that all significant porphyry systems, including the Knob Hill prospect, occur within a magnetic belt defined by the 3900 - 4000 gamma range.

Ground Magnetic Survey

Following soil sampling, a Scintrex MP2 proton precession magnetometer was used to take readings across the new Knob Hill grid. Daily measurements recorded at the base camp (Stn. 4700N 5550E) and at baseline Stn. 4700N 5000E. Traverses were looped in the usual manner to monitor diurnal variations in the magnetic field. Snow impeded progress to the extent that the sampling density was reduced to a 200 metre line spacing. This proved adequate for interpretation purposes.

Results and Interpretation

Magnetic readings from the current survey were plotted as read, less 55,000 nT (gammas); only minor correction was required to adjust for diurnal effects. Data was then compiled into a computer database and maps generated (using the Geosoft Inc. contouring program) utilizing various filters and contouring parameters to facilitate interpretation.

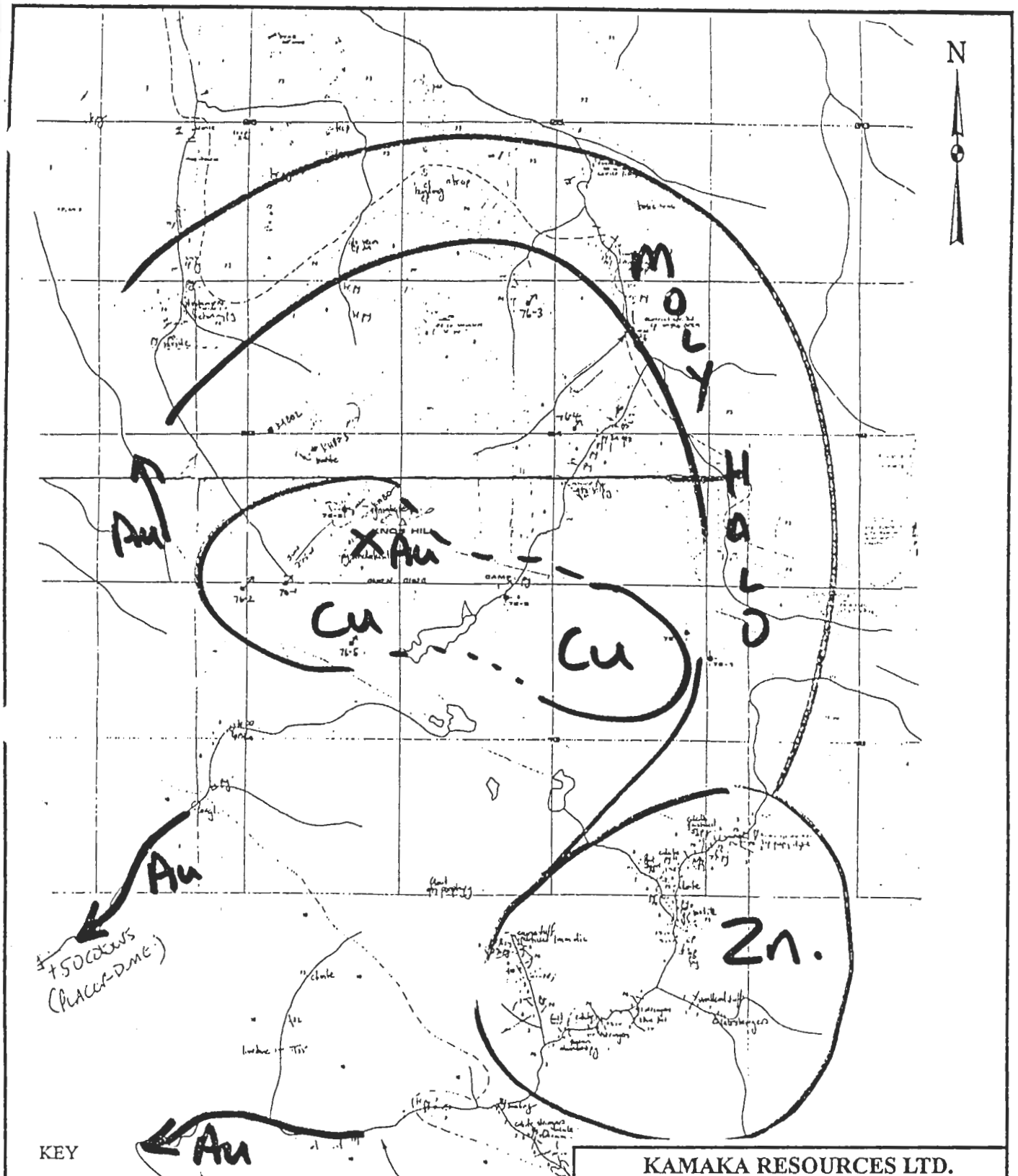
Data from a previous ground magnetic survey was 're-generated' into a common format and combined with that from the 1995 work. The survey(s), as indicated on Figure 6, reveals a distinctive field pattern. Contacts show up well, especially between intrusives and sediments, as the dominant northwest-southeast trend.

Northwesterly directed lineations are evident which are likely reflect a major transverse fault(s) -- offsetting lithologies.

Figure 7, (see map on following page entitled "Geology and Geochemistry"), illustrates key features and overall mineralization patterns at Knob Hill. As indicated, the core area, the area contained by the molybdenum-rich halo, is roughly 10 square kilometres in extent.

IP SURVEY

The detailed geophysical survey is included in the report dated November 19 1996, by Alan Scott, geophysicist. This report details two major targets for follow-up work. One target is a resistivity anomaly 500 metres on diameter. The second is a strong chargeability anomaly approx 500 metres by 200 metres in size which flanks the north side of the resistivity anomaly.



KEY

- Fault
- R — Granodiorite 1
- R,3 — Granodiorite 2
- 4 — Rhyodacite
- 6 — Bonanza Volcanics
- 8 — Bonanza Volcs. hornfels/siliceous
- 76-2♂ drill site

0 800 Metres

KAMAKA RESOURCES LTD.

KNOB HILL PROPERTY

GEOLOGY & GEOCHEMISTRY COMPILATION

KAMAKA RESOURCES LTD.

Scale: As shown	Figure: 7	Date: APR. 1995

CONCLUSIONS AND RECOMMENDATIONS

Knob Hill is an established porphyry prospect with potential for disseminated copper-gold-molybdenum and epigenetic gold mineralization. Investigation is inhibited by terrain, poor exposure and lack of convenient access, nevertheless, results encourage continuing effort.

Soil sampling and reconnaissance drill testing has revealed a clear association of polymetallic sulphide mineralization and gold with copper-in-soil anomalies which indicates a potential epithermal environment overlying porphyry mineralization.

Discrepancies in data are consistent with conditions (swampy ground, overburden mantling, scarcity of B-zone soil). Comparisons with earlier work by Chevron, who utilized a drill for basal till surveys, suggest copper extends over an even wider area than indicated by current work.

High particle counts of gold reported from Placer Dome's sampling support the idea that a significant gold source may exist in the Knob Hill area. A reasonable target for a Le Panto style of deposit would be 1-30 million tonnes of 1-3 gm/t Au.

Ground magnetics suggest continuity of lithologies underlying copper, arsenic and gold anomalies. A northwest trending magnetic high flanked by lows (with local variations), likely reflects an intrusive phase containing variable magnetite/pyrrhotite mineralization and a major structure appears to transect the area.

The existing drill hole coverage is inadequate to evaluate the porphyry or epigenetic gold potential. Existing drill core does show that in the central portion of the property alteration is similar to Island Copper and Hushamu. On the eastern portion of the property there is potential for high-level gold mineralization in the rhyolite dome(?) complex.

The recommended program:

Stage II Follow soil anomaly followed by, and partly in conjunction with, I.P. survey. Surveys will take 1 month and cost $77,000 to complete.

Stage III Fence drill current IP/soil anomalies. Ten 700 ft. holes. Reconnaissance test drill ten holes @150 feet Drilling will take 2 months and cost about $350,000 for a Grand Total of, say $410,000

PROPOSED PROGRAM -- BUDGET

To properly assess the Property a budget of about $410,000 is required. The proposed program will follow the soil anomaly to the southwest, delimit the area(s) of disseminated sulphide mineralization (I.P. survey) and drill test targets (four fences of 3 holes, each 700 ft.). Funds should be allocated as follows:

STAGE II Geochemical/Geophysical Surveys (1 months)

Mob/demob., 4 men & vehicle	$ 2,500.00	
Helicopter, 6hrs. @ $850	5,100.00	
IP survey, 15 line-km	15,000.00	
Geochemical/IP grid setup	7,500.00	
Geologist, 20 days @ $380	7,600.00	
Field Crew, 40 mandays @ $275	11,000.00	
Accom., food, etc., 100 @ $55	7,500.00	
Vehicles/airfares	1,260.00	
Assays: assume 200 @ $16.50	3,300.00	
Misc., (shipping, supplies, rentals, etc.)	2,200.00	
Compilation, Drafting, Report	3,500.00	
Sub-total	65,960.00	
GST	4,600.00	
Contingency 10%	7,000.00	
Total Stage I		**$ 77,560.00**

STAGE II Drilling (2 months)

Drill contract, 7000 ft. @ $18.50	$129,500.00	
Prospect drill 1500 ft @ $22	33,000.00	
Helicopter, 48 hrs. @ $850	40,800.00	
Camp 50 days X 9 men @ $50	22,500.00	
Assays: assume 750 @ $16.50	12,375.00	
Geologist 60 days @ $380	22,800.00	
Assistant 50 days @ $275	13,750.00	
Vehicles, supplies, etc.	4,500.00	
Engineering Report	3,000.00	
Sub-total	282,225.00	
Contingency	28,000.00	
GST	21,715.00	
Total Stage II		**331,940.00**
Total Stage I and Stage II		**$ 409,500.00**

CERTIFICATE OF QUALIFICATIONS

I, Douglas G. Leighton, do hereby certify that:

1. I am a consulting geophysicist/geologist with offices at 3806 - 254th Street, Aldergrove, B.C., V4W 2R3.

2. I am a graduate of the University of British Columbia, B.Sc. (1968).

3. I am a registered Professional Geoscientist of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

4. I have practiced my profession continuously since 1968.

5. I personally supervised the initial exploration programs on the Knob Hill Property, and am familiar with the most recent drilling programme described in this report for First Choice Industries Ltd.

6. I have not received, nor do I expect to receive any interest, direct or indirect, in the Knob Hill Property, in First Choice Industries Ltd. or in the securities of this companies.

7. I hereby consent to the publication of this report for purposes of a Prospectus or Statement of Material Facts.

Dated at Aldergrove, British Columbia, this 20th day of December, 1996

Douglas G. Leighton, P.Geo.

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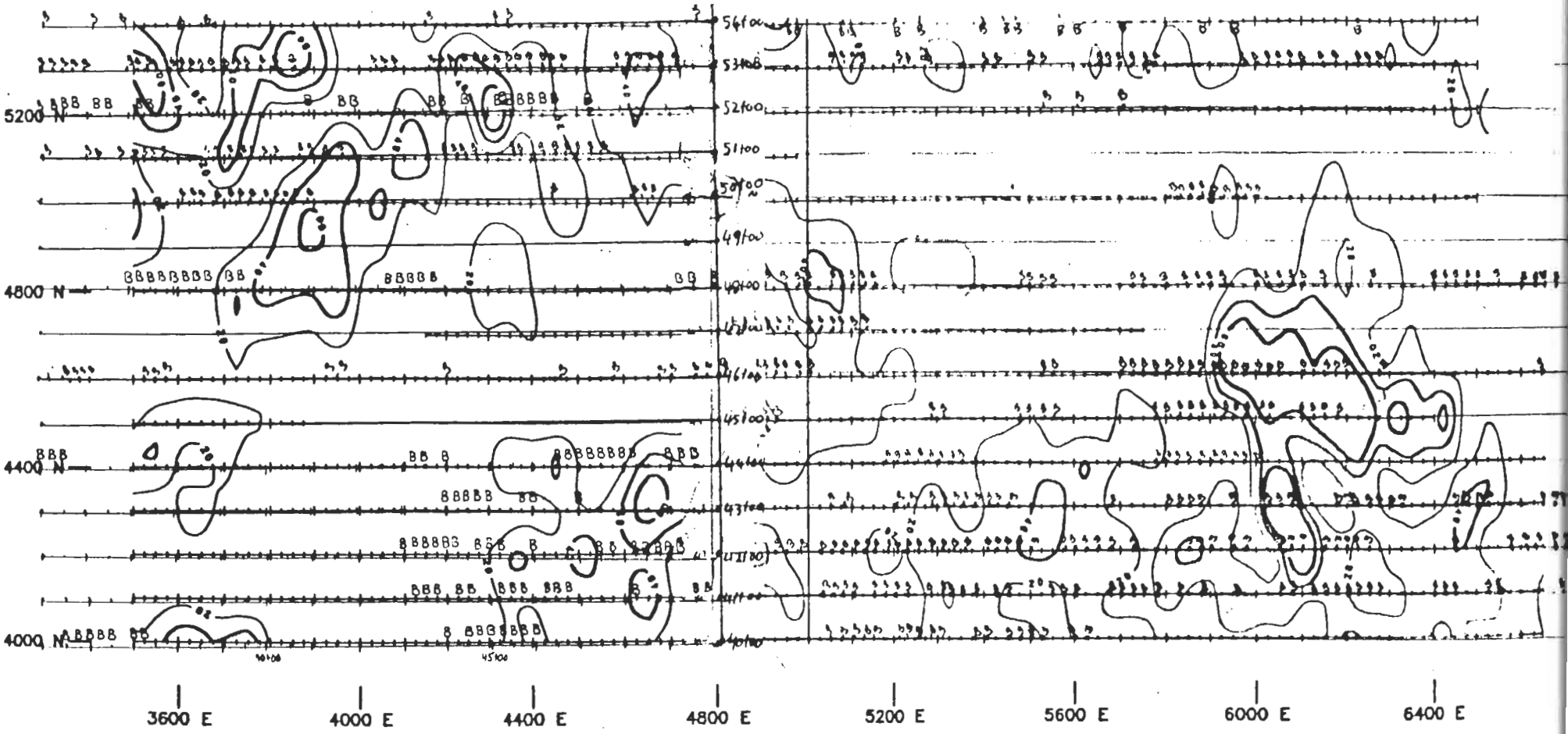
APPENDIX I

LABORATORY ASSAY CERTIFICATES

KNOB HILL PROPERTY -- 1995 and 1996 SURVEYs

RELATIONSHIP OF "B" HORIZON SOILS TO COPPER GEOCHEMICAL ANOMALIES

B= "B" Horizon



Statistics

Summary Statistics	Grid East	Grid North	Grid Station	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %
Count > D.L:	1577	1577	1577	1011	1557	1221	1560	616	1429	936	1562	1562
Min:	3500	4000	3500	1	1	3	1	0.3	1	1	2	0.04
Max.	7000	5400	7000	15	300	4812	157	6.6	20	9	7193	47.87
Range:	3500	1400	3500	14	299	4809	156	6.3	19	8	7191	47.83
Mode:				1	3	3	7	0.3	1	1	16	0.10
Median:				2	7	11	21	0.4	3	2	78	1.23
Average:				1.9	18.9	16.4	28.4	0.6	4.4	2.6	134.8	2.33
Std.Dev.				1.2	23.3	139.3	23.3	0.4	3.6	1.6	217.3	2.77

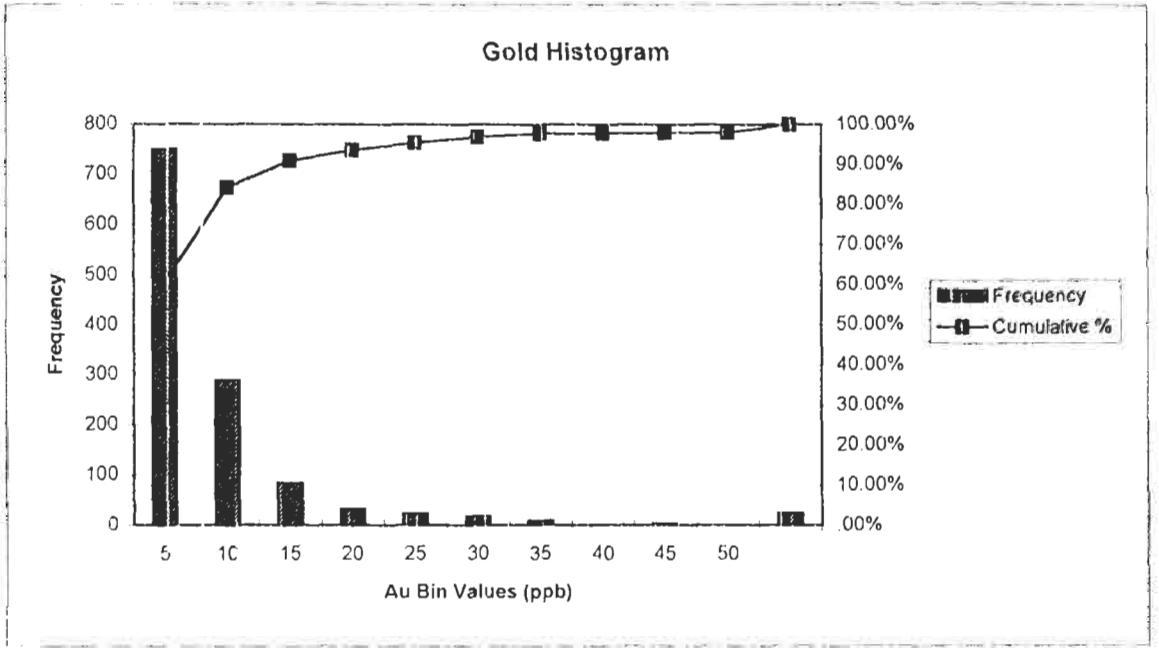
Summary Statistics	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm
Count > D.L:	1206	148	1	503	1562	750	315	251	1562	1561.00	1561.00	1398
Min:	2	5	2	2	1	0.2	2	2	1	0.01	0.00	1
Max.	1594	11	2	6	75	3.3	8	8	231	0.88	0.09	15
Range:	1592	6	0	4	74	3.1	6	6	230	0.87	0.09	14
Mode:	2	5		2	9	0.2	2	2	2	0.14	0.02	1
Median:	13	6		2	14	0.3	2	2	30	0.13	0.02	3
Average:	24.9	6.2		2.6	16.6	0.4	2.5	2.7	58.7	0.15	0.03	3.4
Std.Dev.	65.7	1.4		0.8	9.8	0.4	0.9	1.1	58.3	0.10	0.01	2.2

Summary Statistics	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* Au (ppb)
Count > D.L:	1555	1561.00	1554	1191.00	309	1562.00	1498.00	1499.00	51	1236
Min:	1	0.01	1	0.01	3	0.04	0.01	0.01	2	1
Max.	106	1.50	85	0.35	196	8.19	0.17	0.24	3	513
Range:	105	1.49	84	0.34	193	8.15	0.16	0.23	1	512
Mode:	1	0.07	8	0.01	3	0.09	0.01	0.02	2	1
Median:	7	0.18	13	0.11	3	0.87	0.02	0.02	2	4
Average:	15.4	0.30	16.8	0.11	4.1	1.76	0.02	0.02	2.0	8.6
Std.Dev.	15.8	0.26	11.8	0.08	11.0	1.83	0.01	0.01	0.2	24.8

KAMAKA RESOURCES - KNOB HILL PROPERTY

GOLD GEOCHEMISTRY

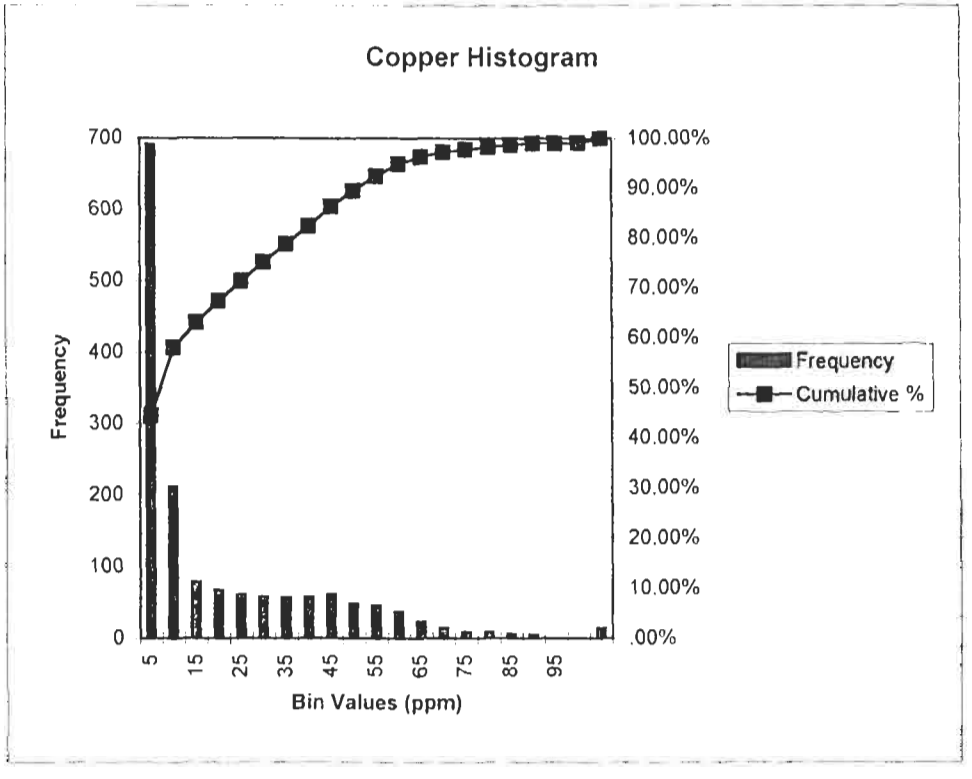
Bin (Au - ppb)	*Frequency*	*Cumulative %*
5	750	60.68%
10	290	84.14%
15	84	90.94%
20	33	93.61%
25	23	95.47%
30	18	96.93%
35	10	97.73%
40	1	97.82%
45	3	98.06%
50	0	98.06%
More	24	100.00%



KAMAKA RESOURCES - KNOB HILL PROPERTY

COPPER GEOCHEMISTRY

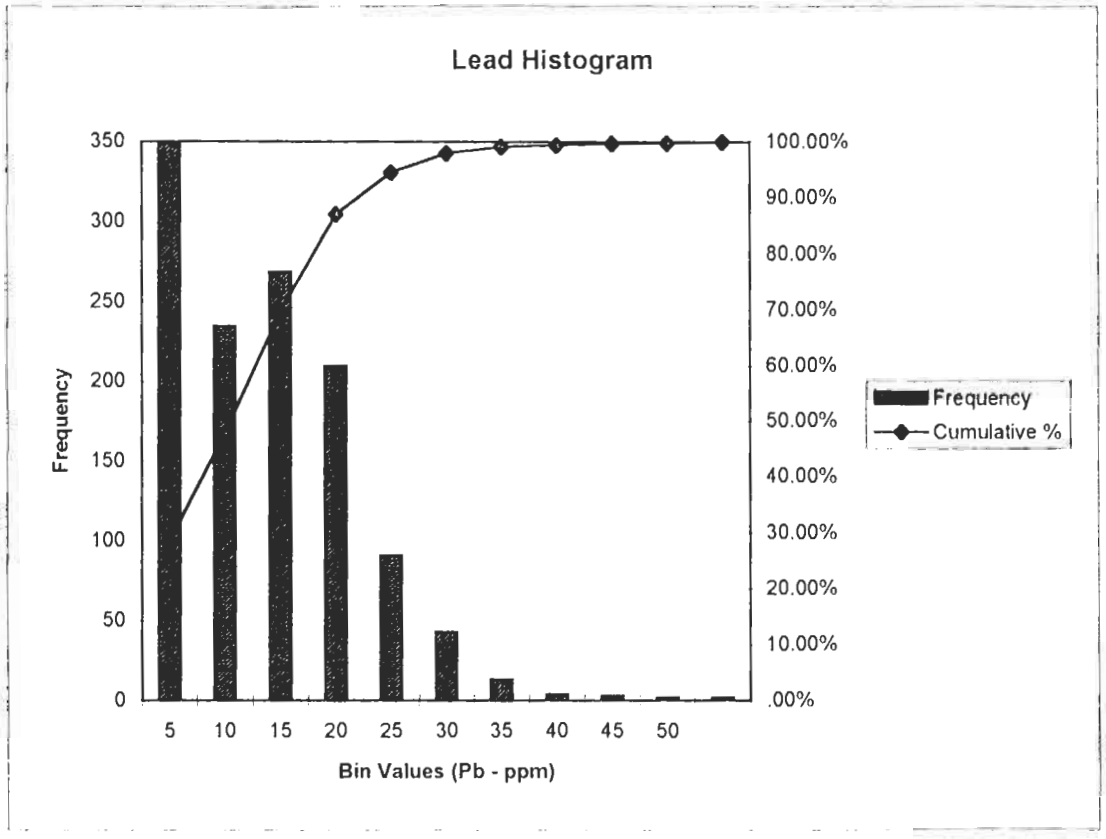
Bin	Frequency	Cumulative %
5	692	44.44%
10	212	58.06%
15	79	63.13%
20	68	67.50%
25	61	71.42%
30	58	75.14%
35	57	78.81%
40	57	82.47%
45	61	86.38%
50	48	89.47%
55	46	92.42%
60	37	94.80%
65	23	96.27%
70	14	97.17%
75	9	97.75%
80	9	98.33%
85	6	98.72%
90	5	99.04%
95	0	99.04%
100	1	99.10%
More	14	100.00%



KAMAKA RESOURCES - KNOB HILL PROPERTY

LEAD GEOCHEMISTRY

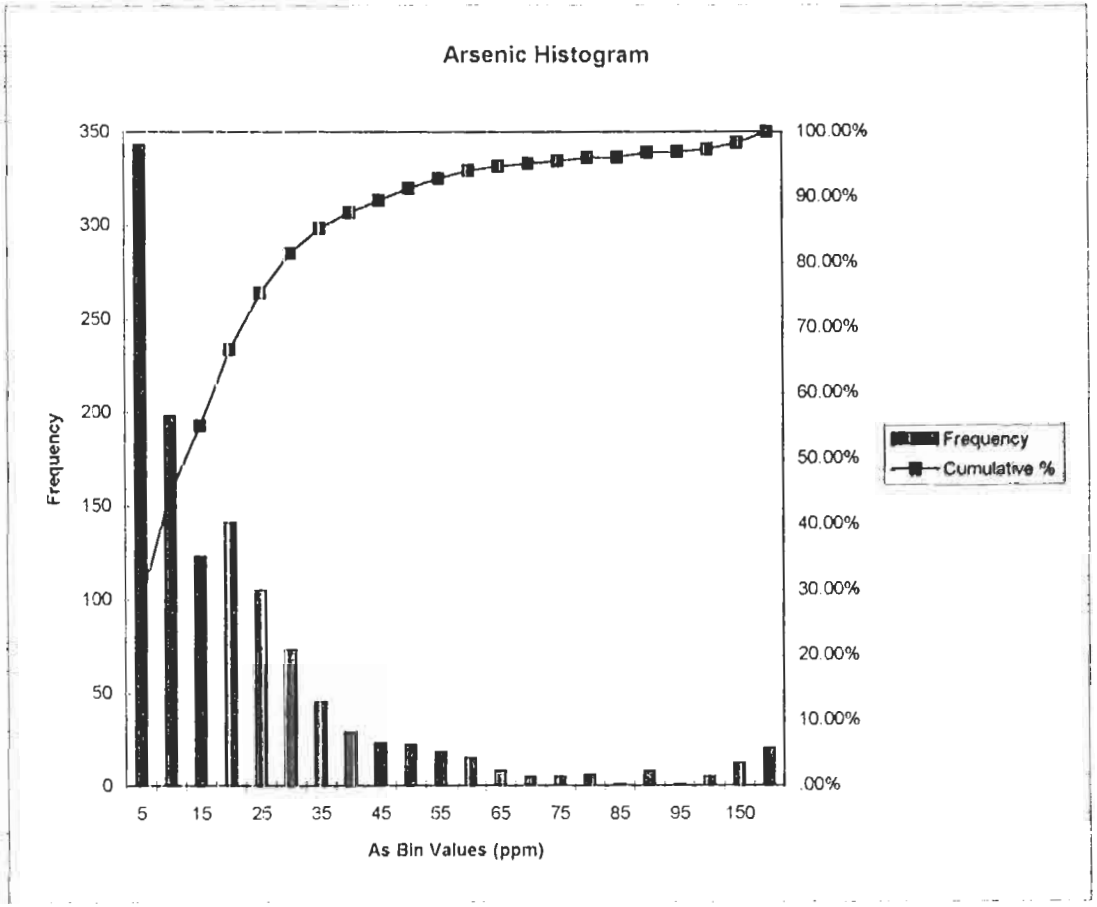
Bin	Frequency	Cumulative %
5	349	28.58%
10	235	47.83%
15	269	69.86%
20	210	87.06%
25	91	94.51%
30	43	98.03%
35	13	99.10%
40	4	99.43%
45	3	99.67%
50	2	99.84%
More	2	100.00%



KAMAKA RESOURCES - KNOB HILL PROPERTY

ARSENIC GEOCHEMISTRY

Bin (As - ppm)	Frequency	Cumulative %
5	343	28.44%
10	198	44.86%
15	123	55.06%
20	141	66.75%
25	105	75.46%
30	73	81.51%
35	45	85.24%
40	29	87.65%
45	23	89.55%
50	22	91.38%
55	18	92.87%
60	15	94.11%
65	8	94.78%
70	5	95.19%
75	5	95.61%
80	6	96.10%
85	1	96.19%
90	8	96.85%
95	1	96.93%
100	5	97.35%
150	12	98.34%
More	20	100.00%



GEOCHEMICAL ANALYSIS CERTIFICATE

Kamaka Resources Ltd. File # 96-4468 Page 1

6074 - 45A Ave, Delta BC V4K 1M7

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
L45+00N 45+50E	2	80	7	103	<.3	13	6	494	6.51	36	<5	<2	<2	11	.3	<2	<2	123	.14	.037	5	26	1.17	73	.15	<3	5.45	.02	.04	<2	3
L45+00N 45+70E	1	27	13	22	<.3	4	1	184	.87	<2	5	<2	<2	8	.5	2	6	114	.09	.014	5	28	.40	13	.19	5	2.49	.01	.03	<2	2
L45+00N 46+50E	1	35	10	42	.3	11	3	273	1.69	<2	7	<2	<2	15	.5	<2	8	136	.19	.013	7	32	.84	32	.19	6	4.42	.01	.04	<2	4
L45+00N 47+05E	2	40	3	49	<.3	8	3	305	5.61	3	<5	<2	<2	13	.4	<2	<2	118	.19	.014	7	32	.75	25	.15	8	4.36	.02	.03	<2	2
L45+00N 47+50E	2	61	6	65	<.3	11	5	391	5.72	8	<5	<2	2	12	<.2	<2	<2	141	.17	.018	7	34	.85	27	.18	<3	4.61	.01	.02	<2	4
L45+00N 47+70E	1	16	14	30	<.3	6	2	212	1.70	3	<5	<2	<2	9	<.2	<2	4	104	.11	.013	6	21	.58	15	.17	5	2.56	.01	.03	<2	3
L45+00N 48+75E	2	16	6	34	<.3	5	2	250	5.05	3	<5	<2	2	11	<.2	<2	<2	176	.15	.010	4	29	.51	20	.30	4	2.33	.01	.03	<2	5
L45+00N 49+00E	2	35	5	42	<.3	7	3	265	5.51	3	<5	<2	2	11	<.2	<2	7	162	.16	.012	4	46	.56	18	.26	6	3.91	.01	.03	<2	4
L45+00N 49+50E	2	66	3	72	<.3	12	5	335	4.39	9	<5	<2	2	15	.3	<2	<2	157	.21	.016	5	49	.83	28	.25	4	5.80	.01	.03	<2	30
L45+00N 49+75E	1	23	7	37	<.3	6	2	230	4.97	7	<5	<2	<2	11	<.2	<2	<2	170	.16	.008	5	25	.44	18	.21	<3	2.87	.01	.02	<2	5
L45+00N 64+25E	3	44	6	73	<.3	12	3	320	6.20	43	<5	<2	3	14	<.2	<2	3	158	.21	.011	5	51	.61	26	.26	<3	4.83	.02	.03	<2	29
L45+00N 64+50E	4	46	7	77	<.3	10	4	290	4.72	29	<5	<2	2	15	<.2	<2	<2	168	.22	.009	6	47	.56	30	.22	<3	5.55	.01	.03	<2	17
L45+00N 64+75E	2	53	7	195	<.3	22	6	346	6.03	65	<5	<2	2	15	.2	2	<2	174	.24	.019	6	61	.92	44	.18	<3	5.59	.01	.03	<2	17
L45+00N 65+25E	3	45	8	98	<.3	15	3	368	8.04	65	<5	<2	3	11	<.2	<2	<2	208	.15	.016	3	72	.77	28	.29	<3	8.01	.01	.03	<2	13
L45+00N 65+50E	2	31	13	82	<.3	11	3	338	6.30	38	<5	<2	3	13	<.2	<2	<2	179	.19	.017	7	59	.63	23	.24	3	4.32	.01	.03	<2	4
L45+00N 69+25E	2	35	18	45	1.1	6	2	218	6.55	43	<5	<2	3	12	<.2	<2	3	217	.20	.011	5	52	.31	23	.21	<3	4.87	.01	.02	2	4
L45+00N 69+50E	4	44	25	65	.3	12	4	349	9.58	39	<5	<2	4	14	.2	<2	2	204	.18	.016	4	86	.62	27	.25	<3	6.86	.01	.03	<2	5
L45+00N 69+75E	3	21	13	42	<.3	7	3	195	5.18	68	5	<2	2	11	.2	<2	<2	184	.17	.010	6	44	.35	16	.19	<3	3.93	.01	.03	<2	4
L45+00N 70+00E	3	27	23	41	<.3	9	1	245	6.79	47	<5	<2	3	14	<.2	<2	<2	195	.21	.011	4	57	.43	16	.26	<3	2.93	.01	.02	<2	5
L45+00N 70+25E	3	35	15	45	.6	8	2	231	6.29	29	<5	<2	3	16	<.2	<2	3	155	.23	.011	6	59	.50	30	.21	<3	5.60	.01	.03	<2	10
L45+00N 70+50E	3	33	24	32	.4	7	2	186	3.60	16	<5	<2	2	14	<.2	<2	4	150	.17	.009	7	40	.37	30	.13	<3	4.00	.01	.03	<2	3
L45+00N 70+75E	2	21	22	35	<.3	8	2	215	2.86	23	<5	<2	2	16	<.2	<2	3	134	.23	.006	5	29	.45	18	.18	4	2.77	.01	.03	<2	2
RE L45+00N 70+75E	2	21	21	35	<.3	7	2	217	2.86	22	<5	<2	2	16	<.2	<2	<2	134	.22	.006	5	30	.45	23	.18	<3	2.77	.01	.03	<2	3
L45+00N 71+00E	2	24	38	37	.5	6	1	233	5.51	56	<5	<2	3	17	<.2	<2	2	199	.25	.012	5	49	.29	14	.24	<3	3.03	.01	.02	<2	4
L45+00N 72+00E	1	23	26	49	.7	12	3	286	2.40	33	<5	<2	2	21	.2	<2	<2	113	.33	.006	6	34	.54	32	.18	<3	3.30	.01	.03	<2	2
L45+00N 72+25E	2	40	30	55	.4	12	4	289	3.69	45	<5	<2	2	16	.2	<2	<2	204	.29	.006	5	53	.57	29	.28	<3	4.12	.02	.03	<2	4
L45+00N 72+50E	9	23	21	76	.9	11	9	330	6.77	77	<5	<2	3	18	<.2	2	<2	174	.28	.006	7	48	.65	54	.14	<3	4.57	.01	.03	<2	3
L45+00N 73+00E	2	18	23	31	.5	5	1	225	5.47	42	<5	<2	2	11	<.2	<2	<2	176	.15	.007	6	41	.27	18	.16	<3	3.05	.01	.03	<2	2
L45+00N 73+25E	2	16	21	32	.9	6	2	233	2.95	26	7	<2	2	18	.2	<2	4	121	.26	.006	6	40	.33	27	.19	3	3.38	.01	.03	<2	11
L45+00N 73+50E	3	31	25	47	.3	7	1	269	5.74	43	<5	<2	3	17	<.2	<2	<2	192	.23	.010	6	50	.46	16	.20	<3	2.67	.01	.03	<2	8
L45+00N 73+75E	3	32	26	55	.5	10	2	284	5.66	40	<5	<2	3	17	<.2	<2	<2	183	.24	.010	5	60	.42	21	.23	<3	3.77	.01	.03	<2	3
L45+00N 74+00E	3	25	31	51	.3	10	2	297	5.38	37	<5	<2	2	20	<.2	<2	<2	155	.28	.006	7	40	.53	29	.18	<3	2.92	.02	.03	<2	2
L45+00N 74+25E	2	41	27	63	1.0	11	4	318	4.13	49	5	<2	2	20	<.2	<2	6	123	.30	.015	5	43	.57	34	.18	<3	4.68	.01	.03	<2	7
L45+00N 74+50E	2	32	25	49	.4	7	3	261	5.27	62	11	<2	3	15	<.2	<2	<2	149	.24	.013	6	38	.46	27	.13	<3	3.80	.01	.03	<2	2
L45+00N 74+75E	2	32	22	53	.3	8	4	295	5.98	43	7	<2	3	15	<.2	<2	6	188	.24	.013	5	44	.45	18	.14	<3	3.15	.01	.04	<2	2
L45+00N 75+00E	3	31	18	46	<.3	9	4	281	5.19	96	<5	<2	3	16	<.2	<2	<2	158	.22	.012	6	43	.50	18	.12	<3	3.41	.01	.03	<2	4
STANDARD C2/AU-S	19	58	34	141	7.2	73	35	1158	3.90	34	19	7	35	51	19.8	15	17	73	.53	.099	40	61	1.00	196	.08	27	2.07	.06	.15	11	48

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 12 1996 DATE REPORT MAILED: Sep 25/96 SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L43+00N 70+25E	2	29	24	38	<.3	5	3	212	4.53	38	<5	<2	3	9	<.2	<2	2	131	.13	.009	6	39	.53	18	.07	<3	3.47	<.01	.03	<2	4
L43+00N 70+50E	2	34	25	63	.8	11	3	271	4.43	41	<5	<2	2	15	.3	<2	<2	138	.23	.019	6	44	.51	33	.14	3	4.16	.01	.03	<2	3
L43+00N 70+75E	2	26	35	75	<.3	10	5	355	5.05	72	<5	<2	2	12	<.2	<2	2	121	.17	.007	7	34	1.00	36	.06	3	3.73	.01	.04	<2	2
L43+00N 71+00E	2	33	44	65	.3	9	2	290	5.65	66	<5	<2	3	14	<.2	<2	4	168	.20	.014	6	45	.42	29	.15	5	3.22	.01	.03	<2	2
RE L43+00N 71+00E	2	34	46	64	<.3	9	3	285	5.58	63	<5	<2	2	14	<.2	<2	<2	163	.20	.014	6	44	.42	27	.15	<3	3.19	.01	.03	<2	2
L43+00N 71+25E	3	37	31	64	<.3	11	4	316	6.13	35	<5	<2	2	16	.2	<2	<2	203	.24	.016	5	57	.54	38	.25	3	4.35	.01	.03	<2	4
L43+00N 71+50E	3	32	42	53	<.3	8	3	268	4.58	44	<5	<2	2	16	.2	<2	2	140	.22	.016	6	43	.45	27	.18	<3	3.76	.01	.03	<2	2
L43+00N 71+75E	3	30	47	52	<.3	7	2	253	5.26	61	6	<2	3	13	<.2	2	2	155	.19	.013	6	45	.42	31	.16	<3	4.05	.01	.03	<2	3
L43+00N 72+00E	2	28	29	53	<.3	7	4	250	5.94	71	<5	<2	2	9	<.2	<2	2	149	.13	.010	6	41	.47	25	.06	<3	3.88	.01	.03	<2	9
L43+00N 72+25E	2	41	25	65	<.3	13	4	346	4.60	35	<5	<2	2	19	.4	<2	<2	147	.28	.018	4	50	.56	27	.21	<3	3.92	.01	.03	<2	3
L43+00N 72+75E	5	28	31	44	.9	7	3	223	2.60	27	<5	<2	2	17	<.2	<2	3	123	.21	.011	5	34	.49	27	.11	<3	3.35	.01	.03	<2	13
L43+00N 73+00E	3	16	29	35	<.3	7	1	210	4.30	15	5	<2	2	15	<.2	<2	3	139	.19	.007	5	35	.45	19	.13	<3	2.92	.01	.03	<2	8
L43+00N 73+25E	2	36	27	48	<.3	11	3	238	4.06	20	<5	<2	2	18	.2	<2	5	127	.26	.011	6	59	.55	32	.12	<3	4.34	.01	.03	<2	6
L43+00N 74+50E	3	36	28	32	.8	9	1	211	6.43	25	<5	<2	3	21	<.2	<2	4	205	.30	.014	4	62	.36	24	.27	<3	3.58	.01	.02	<2	5
L43+00N 74+75E	2	23	82	48	.6	5	2	275	5.79	212	<5	<2	2	13	<.2	<2	<2	155	.17	.009	6	39	.28	24	.09	<3	3.67	.01	.03	<2	7
L42+00N 70+25E	3	39	26	59	.3	10	3	285	5.73	65	5	<2	3	17	<.2	<2	4	190	.24	.013	5	63	.45	27	.25	<3	3.85	.01	.03	<2	3
L42+00N 70+50E	3	25	30	46	<.3	9	2	244	5.14	57	<5	<2	2	17	<.2	2	2	198	.25	.013	6	42	.44	33	.21	<3	3.35	.01	.03	<2	8
L42+00N 70+75E	3	24	31	53	<.3	10	2	277	5.76	87	<5	<2	2	16	.2	<2	2	172	.22	.011	6	49	.39	29	.20	<3	3.13	.01	.03	<2	3
L42+00N 71+00E	2	21	39	46	<.3	7	2	217	6.28	58	<5	<2	3	13	<.2	2	<2	201	.17	.012	5	50	.35	27	.18	<3	3.64	.01	.03	<2	4
L42+00N 71+25E	2	16	28	46	.4	7	2	248	4.31	41	7	<2	2	15	<.2	<2	<2	140	.20	.010	7	31	.42	32	.15	3	2.82	.01	.03	<2	3
L42+00N 71+50E	2	29	32	56	<.3	11	2	292	4.90	44	<5	<2	3	17	.3	<2	5	156	.23	.012	5	39	.48	32	.21	<3	3.22	.01	.03	<2	3
L42+00N 71+75E	3	42	22	65	.3	12	4	316	4.78	38	<5	<2	3	19	<.2	<2	<2	142	.27	.016	6	40	.57	32	.21	<3	4.32	.01	.03	<2	4
L42+00N 72+00E	3	38	30	55	<.3	12	2	303	4.91	39	<5	<2	3	21	.3	<2	2	153	.29	.011	6	50	.51	32	.23	<3	3.81	.01	.03	<2	4
L42+00N 72+25E	2	39	40	80	<.3	14	3	349	4.99	41	<5	<2	2	20	<.2	<2	<2	149	.28	.017	6	48	.64	42	.20	<3	4.18	.01	.04	<2	22
L42+00N 72+50E	3	30	25	55	<.3	11	3	297	4.72	30	<5	<2	2	19	<.2	<2	<2	157	.27	.011	5	43	.50	35	.21	<3	3.51	.01	.03	<2	3
L42+00N 72+75E	3	49	36	53	<.3	12	2	304	5.75	39	<5	<2	2	18	<.2	<2	<2	181	.24	.013	4	52	.49	31	.23	<3	4.99	.01	.03	<2	6
L42+00N 73+00E	3	27	38	46	<.3	9	2	278	5.55	36	<5	<2	2	18	<.2	<2	<2	194	.24	.010	5	48	.43	31	.23	<3	3.00	<.01	.03	<2	2
L42+00N 73+25E	3	35	41	54	<.3	12	3	303	5.43	31	7	<2	3	19	.2	2	2	176	.28	.013	6	53	.58	29	.23	<3	3.18	.01	.03	<2	4
L42+00N 73+50E	3	32	48	40	.4	13	2	261	6.13	27	6	<2	3	19	<.2	2	2	197	.29	.015	7	67	.49	27	.25	<3	3.80	.01	.03	<2	14
L42+00N 73+75E	3	30	37	35	.3	11	3	235	5.44	27	6	<2	3	20	<.2	<2	2	183	.30	.014	6	78	.42	25	.26	<3	3.47	.01	.02	<2	3
L42+00N 74+00E	3	31	51	45	<.3	7	2	244	5.84	53	<5	<2	2	17	<.2	<2	<2	188	.24	.014	6	55	.40	34	.14	<3	3.07	.01	.03	<2	5
L42+00N 74+25E	3	45	57	57	1.2	11	2	282	5.73	40	<5	<2	3	20	<.2	2	5	189	.30	.018	4	67	.43	32	.25	<3	4.16	.01	.03	<2	3
L42+00N 74+50E	2	46	89	75	1.5	17	2	338	5.27	55	<5	<2	3	22	<.2	<2	<2	176	.30	.011	5	64	.53	41	.23	3	4.70	.01	.03	<2	3
L42+00N 74+75E	3	48	94	149	1.4	19	7	584	4.92	91	<5	<2	2	23	.4	<2	<2	149	.34	.033	6	56	.71	45	.17	<3	4.44	.01	.04	<2	4
STANDARD C2/AU-S	20	58	43	144	7.0	73	34	1153	3.85	41	23	7	35	52	19.5	15	22	72	.54	.099	40	63	.99	196	.08	28	2.06	.06	.15	11	46

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

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
L42+00N 75+00E	3	43	48	56	.6	15	1	297	6.56	45	<5	<2	4	19	.2	<2	<2	182	.28	.011	5	73	.52	30	.22	<3	4.54	.01	.03	<2	4
L42+00N 75+75E	2	24	144	57	2.8	8	1	190	4.33	207	<5	<2	3	13	<.2	2	<2	126	.19	.012	6	37	.32	27	.11	5	3.11	.01	.03	<2	8
L42+00N 76+00E	1	16	42	52	<.3	<1	<1	2831	18.69	4713	<5	<2	4	6	<.2	<2	<2	98	.10	.005	6	43	.16	29	.09	<3	2.81	<.01	.03	<2	12
L42+00N 76+50E	3	29	34	39	1.1	11	2	255	4.35	189	<5	<2	2	18	<.2	<2	<2	142	.25	.012	4	53	.44	35	.23	6	3.51	.01	.02	<2	11
L42+00N 76+75E	2	88	38	107	1.2	23	6	361	4.84	61	<5	<2	3	23	.3	2	<2	150	.36	.019	5	64	.65	51	.23	9	6.55	.01	.03	<2	5
L42+00N 77+00E	4	67	10	60	.5	19	4	355	6.21	6	<5	<2	3	23	.3	<2	<2	179	.33	.017	5	69	.77	38	.35	<3	5.00	.01	.03	<2	4
L42+00N 77+50E	4	35	19	41	.5	12	2	246	4.97	<2	<5	<2	2	20	.3	<2	<2	183	.31	.019	6	55	.59	28	.28	3	4.94	.01	.03	<2	14
L42+00N 78+00E	4	27	32	33	<.3	9	1	216	4.94	8	<5	<2	2	18	<.2	<2	<2	177	.25	.011	5	45	.44	23	.20	<3	3.21	.01	.03	<2	4
L42+00N 78+25E	2	24	20	26	.8	7	2	203	4.07	12	<5	<2	3	16	<.2	2	3	175	.22	.007	4	43	.31	23	.25	<3	3.34	.01	.02	<2	4
L42+00N 78+50E	2	41	23	44	.3	12	3	265	4.57	20	5	<2	2	19	<.2	<2	3	171	.29	.010	5	51	.48	30	.27	4	3.83	.01	.03	<2	4
L42+00N 78+75E	2	18	25	28	1.8	10	<1	186	4.50	18	<5	<2	2	17	<.2	2	2	161	.24	.007	5	36	.33	16	.25	9	2.68	.01	.02	<2	6
L42+00N 79+00E	3	53	21	52	.8	15	3	347	6.45	50	<5	<2	3	18	<.2	<2	<2	195	.28	.009	5	56	.54	27	.27	<3	4.02	.01	.02	<2	4
L42+00N 79+50E	2	31	55	46	1.5	9	1	174	5.15	385	<5	<2	5	13	<.2	3	<2	133	.19	.007	7	43	.37	23	.13	<3	3.85	.01	.03	<2	3
L41+00N 70+25E	2	33	23	109	<.3	20	1	326	6.49	76	<5	<2	2	8	<.2	<2	<2	185	.13	.011	4	93	.79	23	.19	<3	5.33	.01	.03	<2	14
L41+00N 70+50E	4	40	28	79	<.3	13	2	374	7.04	102	<5	<2	3	12	.3	<2	<2	190	.16	.014	3	56	.51	32	.21	<3	6.47	.01	.03	<2	7
RE L41+00N 70+50E	4	41	31	81	<.3	13	2	384	7.17	108	<5	<2	4	12	.2	2	5	192	.16	.015	4	56	.51	32	.21	<3	6.58	.01	.03	<2	12
L41+00N 70+75E	3	28	33	64	<.3	9	2	338	6.18	137	<5	<2	2	12	<.2	<2	<2	171	.18	.014	5	40	.51	26	.17	<3	4.23	.01	.03	<2	4
L41+00N 71+25E	5	44	37	80	<.3	13	4	442	6.34	103	5	<2	4	18	.2	<2	3	153	.23	.018	5	51	.67	31	.22	<3	4.67	.01	.04	<2	10
L41+00N 71+50E	3	28	35	67	.4	10	<1	232	6.48	153	<5	<2	3	12	<.2	<2	<2	222	.17	.011	5	59	.40	23	.17	<3	4.03	.01	.03	<2	34
L41+00N 71+75E	4	57	40	80	<.3	15	3	384	7.17	90	<5	<2	3	15	<.2	<2	<2	187	.20	.015	4	63	.69	29	.24	<3	6.04	.01	.03	<2	8
L41+00N 72+25E	4	14	36	41	<.3	5	1	196	4.34	39	<5	<2	3	14	<.2	<2	<2	160	.17	.008	5	23	.37	20	.21	<3	2.37	<.01	.03	<2	4
L41+00N 72+75E	3	18	24	46	<.3	6	<1	203	5.88	70	<5	<2	2	11	<.2	<2	<2	172	.15	.010	5	29	.32	24	.20	<3	2.11	.01	.04	<2	2
L41+00N 73+00E	3	23	33	50	<.3	9	1	242	5.63	77	6	<2	3	15	<.2	2	<2	177	.21	.010	6	61	.47	22	.20	<3	3.21	<.01	.03	<2	4
L41+00N 73+25E	3	38	28	73	<.3	16	3	364	6.67	62	<5	<2	2	17	<.2	<2	<2	196	.25	.011	5	59	.66	38	.25	<3	4.14	.01	.04	<2	4
L41+00N 74+25E	3	37	30	100	<.3	11	2	302	5.11	60	<5	<2	2	19	<.2	<2	3	164	.25	.012	6	58	.59	24	.17	<3	3.62	.01	.03	<2	8
L41+00N 74+75E	4	60	392	255	2.4	14	3	472	8.02	247	<5	<2	4	15	<.2	<2	<2	167	.19	.016	7	51	.75	22	.11	<3	4.87	.01	.04	<2	322
L41+00N 75+25E	2	35	30	70	.7	13	2	280	4.51	51	<5	<2	3	19	<.2	<2	3	157	.27	.014	6	46	.43	39	.20	<3	3.84	.01	.03	<2	7
L41+00N 75+50E	3	29	23	50	.9	10	2	247	4.66	31	<5	<2	3	21	.4	<2	<2	205	.29	.016	6	50	.49	27	.28	<3	3.89	.01	.03	<2	7
L41+00N 75+75E	2	26	19	46	<.3	11	2	231	3.49	26	<5	<2	2	20	<.2	3	3	157	.28	.010	5	47	.37	34	.22	<3	3.61	.01	.03	<2	6
L41+00N 76+00E	2	45	62	111	1.3	14	5	426	6.44	88	<5	<2	4	13	.3	2	<2	149	.19	.018	6	45	.70	38	.12	<3	5.50	.01	.04	<2	5
L41+00N 76+25E	2	49	65	108	.9	17	3	416	7.82	47	<5	<2	3	17	<.2	<2	<2	204	.23	.010	6	59	.78	43	.22	<3	4.82	.01	.04	<2	4
L41+00N 76+50E	3	36	22	32	<.3	10	<1	232	5.51	10	<5	<2	3	21	<.2	<2	<2	205	.30	.012	5	62	.38	15	.30	<3	3.28	.01	.02	<2	9
L41+00N 76+75E	4	43	24	46	<.3	14	1	272	7.14	11	<5	<2	4	18	<.2	<2	<2	218	.25	.011	5	77	.50	24	.30	<3	4.11	.01	.03	<2	33
L41+00N 77+00E	3	53	59	64	3.7	16	3	306	6.18	25	<5	<2	4	22	.2	3	<2	190	.31	.016	5	66	.60	30	.29	3	3.65	.01	.03	<2	5
L41+00N 77+25E	3	39	89	52	.4	12	2	244	4.37	13	<5	<2	2	23	<.2	<2	<2	158	.31	.015	6	50	.42	23	.25	<3	4.13	.01	.03	<2	6
STANDARD C2/AU-S	20	59	39	145	7.2	75	35	1174	3.96	39	20	6	36	52	19.8	14	18	73	.54	.102	41	62	1.01	198	.08	29	2.09	.06	.15	10	45

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L41+00N 77+50E	3	31	87	47	.4	12	2	223	6.07	23	<5	<2	3	19	<.2	<2	2	190	.23	.014	5	57	.34	23	.25	<3	3.19	.01	.03	<2	4
L41+00N 77+75E	4	38	42	47	<.3	12	2	294	4.70	6	<5	<2	3	24	<.2	<2	<2	187	.35	.008	5	53	.56	21	.32	<3	3.31	.02	.03	<2	6
L41+00N 78+00E	3	73	72	102	.3	23	6	369	4.27	42	<5	<2	2	25	.6	<2	<2	156	.35	.022	4	60	.66	37	.27	<3	5.35	.01	.03	<2	7
L41+00N 78+25E	3	29	53	118	.3	9	3	402	5.61	143	<5	<2	4	8	<.2	3	<2	83	.08	.015	7	31	.40	36	.02	<3	2.90	.01	.07	<2	4
L41+00N 78+50E	3	45	46	54	<.3	13	3	262	4.98	21	6	<2	2	21	.2	<2	<2	180	.28	.019	5	54	.41	28	.27	<3	4.49	.01	.03	<2	8
L41+00N 78+75E	4	48	759	170	2.1	9	3	632	3.76	524	<5	<2	2	12	<.2	<2	<2	67	.16	.020	7	35	.30	21	.04	3	3.51	.01	.06	<2	16
RE L41+00N 78+75E	4	48	752	170	2.3	10	4	657	3.74	525	<5	<2	2	12	.2	3	<2	66	.16	.020	7	35	.30	25	.04	<3	3.51	.01	.05	<2	15
L41+00N 79+00E	3	51	152	84	1.2	14	3	275	5.26	70	<5	<2	2	19	.2	<2	2	154	.25	.016	4	63	.44	30	.18	<3	4.28	.01	.04	<2	6
L41+00N 79+25E	3	22	45	32	.3	8	<1	181	4.25	28	<5	<2	2	18	<.2	<2	2	158	.25	.010	5	51	.26	21	.27	<3	2.83	.01	.02	<2	6
L41+00N 79+50E	3	31	20	39	.4	10	2	227	4.52	<2	<5	<2	2	17	<.2	<2	<2	183	.22	.011	5	49	.43	15	.28	<3	3.13	.01	.03	<2	2
L41+00N 79+75E	2	15	21	26	.7	6	1	163	5.30	<2	<5	<2	3	14	<.2	<2	<2	203	.19	.008	5	36	.19	15	.23	<3	2.79	.01	.02	<2	2
L41+00N 80+00E	4	34	18	43	.9	11	2	236	4.74	<2	<5	<2	3	19	.3	2	<2	169	.26	.016	5	61	.41	24	.28	5	4.19	.01	.03	<2	11
L39+00N 59+25E	2	39	16	106	<.3	14	4	417	3.46	7	<5	<2	2	18	.2	<2	2	110	.25	.016	7	40	.78	33	.17	<3	4.21	.01	.03	<2	3
L39+00N 60+50E	3	34	16	77	.5	8	3	333	5.32	11	<5	<2	2	11	<.2	<2	3	201	.12	.017	9	35	.68	33	.18	<3	4.74	.01	.04	<2	3
L39+00N 60+75E	3	41	19	87	.8	14	3	368	5.82	19	<5	<2	3	14	<.2	2	<2	172	.19	.013	5	45	.65	55	.27	<3	4.38	.01	.04	<2	4
L39+00N 61+00E	3	28	19	42	<.3	6	1	208	6.04	12	<5	<2	2	11	.2	<2	5	190	.14	.011	5	38	.32	15	.23	4	3.03	<.01	.03	<2	4
L39+00N 61+25E	4	45	16	83	<.3	14	4	429	6.79	11	<5	<2	2	17	.2	<2	<2	150	.22	.016	5	42	.81	22	.25	<3	3.23	.01	.03	<2	4
L39+00N 61+50E	4	49	20	87	<.3	10	3	365	5.55	13	<5	<2	3	14	<.2	2	<2	149	.18	.011	5	41	.67	29	.26	<3	5.21	.01	.04	<2	5
L39+00N 61+75E	4	51	20	76	.5	12	4	361	5.98	6	<5	<2	3	18	<.2	2	<2	160	.22	.013	5	51	.73	23	.29	<3	3.85	.01	.04	<2	8
L39+00N 62+00E	4	65	22	94	<.3	14	4	345	5.08	2	<5	<2	3	14	.3	<2	2	124	.18	.021	7	46	.67	25	.21	4	6.67	.01	.03	<2	5
L39+00N 62+25E	5	45	18	72	<.3	11	3	324	6.99	5	5	<2	3	15	<.2	<2	<2	169	.19	.015	6	45	.63	20	.27	6	3.84	<.01	.03	<2	14
L39+00N 62+50E	4	34	14	56	<.3	6	3	303	5.55	6	<5	<2	3	13	<.2	2	<2	147	.16	.014	5	37	.48	19	.24	4	2.83	.01	.03	<2	3
L39+00N 62+75E	4	38	24	89	<.3	11	3	415	5.19	7	<5	<2	2	16	<.2	<2	3	169	.21	.011	6	41	.68	21	.24	<3	3.73	<.01	.03	<2	5
L39+00N 63+00E	4	52	15	87	<.3	16	4	364	7.00	15	<5	<2	3	16	.5	2	<2	182	.20	.013	5	59	.64	32	.30	5	4.38	.01	.03	<2	4
L39+00N 63+25E	3	28	17	51	<.3	8	2	239	5.70	7	<5	<2	3	15	<.2	2	<2	166	.19	.016	4	49	.40	26	.25	<3	3.85	.01	.03	<2	4
L39+00N 63+50E	2	14	15	23	<.3	4	<1	155	3.71	2	<5	<2	<2	12	<.2	<2	<2	137	.14	.009	6	30	.21	14	.20	3	2.29	.01	.02	<2	2
L39+00N 63+75E	3	39	20	78	<.3	10	2	318	5.95	24	<5	<2	3	12	<.2	<2	<2	171	.16	.012	5	51	.52	28	.27	3	3.22	.01	.04	<2	3
L39+00N 64+00E	3	36	17	58	<.3	9	2	270	5.03	24	<5	<2	3	14	<.2	2	2	161	.18	.013	5	46	.40	26	.24	3	3.45	.01	.03	<2	3
L39+00N 64+25E	3	35	16	56	<.3	13	3	278	5.49	6	<5	<2	2	15	<.2	<2	<2	166	.21	.011	4	63	.55	22	.28	<3	3.95	.01	.03	<2	4
L39+00N 64+50E	2	37	19	67	<.3	11	3	302	4.21	26	<5	<2	2	17	.2	<2	<2	139	.23	.012	5	45	.53	26	.24	<3	3.68	.01	.04	<2	376
L39+00N 64+75E	3	22	20	24	<.3	4	1	152	5.48	<2	<5	<2	2	10	<.2	<2	<2	186	.12	.009	5	39	.22	20	.22	<3	2.92	.01	.03	<2	6
L39+00N 65+00E	3	29	14	49	<.3	9	2	272	6.20	5	<5	<2	3	13	<.2	<2	<2	170	.17	.011	6	61	.54	17	.30	<3	3.69	.01	.03	<2	8
L39+00N 65+25E	3	28	21	54	<.3	8	2	259	5.73	32	<5	<2	2	11	<.2	<2	<2	178	.13	.009	6	47	.34	28	.21	<3	2.70	.01	.03	<2	4
L39+00N 65+50E	2	46	24	67	<.3	10	2	261	2.42	16	<5	<2	<2	14	<.2	<2	2	114	.18	.011	5	41	.51	28	.18	<3	3.97	.01	.03	<2	11
L39+00N 65+75E	2	44	23	56	<.3	7	2	218	2.51	20	<5	<2	<2	13	<.2	<2	<2	127	.16	.009	5	34	.38	24	.16	3	3.84	.01	.03	<2	6
STANDARD C2/AU-S	20	58	39	143	7.2	72	33	1151	3.90	33	19	7	35	51	19.8	14	16	71	.52	.101	41	62	.97	194	.08	27	2.06	.06	.15	11	44

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L39+00N 66+00E	2	81	19	87	<.3	8	4	551	6.34	55	<5	<2	<2	15	.3	<2	3	131	.21	.011	5	40	.65	32	.20	5	5.42	.01	.03	<2	5
L39+00N 66+50E	2	66	21	77	<.3	12	4	318	2.34	16	<5	<2	2	17	.5	2	<2	122	.21	.014	5	44	.69	32	.21	6	5.90	.01	.03	<2	5
L39+00N 66+75E	3	72	13	75	<.3	12	4	350	6.27	32	<5	<2	2	15	.2	2	2	181	.19	.011	3	52	.70	16	.27	6	5.02	.01	.02	2	4
L39+00N 67+00E	3	40	17	50	.4	5	1	192	5.64	40	5	<2	3	9	<.2	<2	<2	184	.13	.021	3	55	.31	14	.26	3	5.44	.01	.02	<2	6
L39+00N 67+25E	1	57	27	120	.3	11	4	322	1.94	59	<5	<2	<2	14	<.2	2	5	98	.23	.020	6	42	.60	32	.18	<3	4.60	.01	.02	<2	40
L39+00N 68+00E	4	58	25	158	<.3	12	5	305	4.66	68	<5	<2	2	17	.2	<2	<2	158	.21	.009	4	44	.72	23	.25	<3	3.92	.01	.03	<2	15
L39+00N 68+25E	2	26	20	52	.3	6	2	212	1.53	27	<5	<2	<2	16	.2	<2	<2	84	.17	.007	5	23	.53	21	.15	3	2.51	.01	.03	<2	8
L39+00N 68+50E	7	71	8	52	<.3	5	3	241	3.37	40	<5	<2	2	5	<.2	2	<2	76	.06	.010	7	18	.50	34	.17	3	2.74	.02	.08	<2	12
L39+00N 68+75E	4	46	28	75	<.3	5	3	290	6.30	67	<5	<2	3	12	<.2	<2	<2	178	.17	.009	4	48	.54	22	.27	6	3.78	.01	.03	<2	257
L39+00N 69+00E	4	55	20	69	.3	8	3	293	6.82	45	<5	<2	3	13	<.2	3	3	183	.17	.015	2	52	.56	25	.26	<3	4.79	.01	.02	<2	11
L39+00N 69+25E	3	30	23	53	<.3	4	2	240	3.37	42	<5	<2	2	12	.2	2	<2	127	.16	.007	6	24	.40	15	.18	5	2.83	.01	.03	<2	563
L39+00N 69+50E	3	123	38	137	<.3	12	6	472	6.23	86	<5	<2	2	13	.3	<2	<2	143	.19	.017	4	49	.70	27	.20	<3	5.03	.02	.03	<2	47
L39+00N 70+00E	5	73	25	85	<.3	11	4	301	3.39	46	<5	<2	<2	18	.4	<2	4	153	.23	.018	6	42	.69	33	.22	3	5.70	.01	.03	2	8
L39+00N 70+25E	3	34	30	43	<.3	3	2	223	5.12	60	<5	<2	2	9	<.2	<2	4	154	.12	.008	5	36	.27	11	.14	4	3.16	.01	.02	<2	29
L39+00N 70+50E	4	32	27	70	.3	10	4	293	3.32	27	<5	<2	2	17	.3	2	2	134	.22	.013	5	36	.65	26	.20	<3	4.67	.02	.03	<2	24
RE L39+00N 70+50E	3	30	30	67	.3	9	3	275	3.43	28	<5	<2	<2	16	<.2	<2	<2	140	.20	.013	6	36	.61	31	.21	3	4.54	.01	.03	<2	11
L39+00N 71+50E	3	19	25	47	<.3	2	<1	167	5.57	84	<5	<2	2	10	.2	<2	<2	168	.13	.013	4	39	.23	15	.20	3	2.58	.01	.02	<2	3
L39+00N 71+75E	4	25	33	65	<.3	5	2	271	4.91	130	<5	<2	2	14	<.2	<2	<2	156	.18	.008	5	39	.40	24	.18	<3	2.90	.01	.03	<2	10
L39+00N 72+00E	4	59	20	78	<.3	9	3	302	5.03	62	<5	<2	3	16	.2	3	2	148	.21	.016	4	48	.57	24	.23	3	4.99	.01	.03	<2	14
L39+00N 72+25E	5	53	22	80	.3	8	2	317	7.92	175	<5	<2	4	14	<.2	<2	4	176	.18	.021	5	65	.58	18	.26	<3	5.44	.01	.03	<2	11
L39+00N 72+50E	4	27	27	42	.5	6	3	212	5.01	98	<5	<2	2	14	.3	<2	<2	156	.17	.017	7	35	.44	15	.20	3	4.43	.01	.02	<2	7
L39+00N 72+75E	4	26	29	42	<.3	5	1	221	4.90	319	<5	<2	3	12	.2	2	<2	142	.16	.012	7	33	.38	14	.17	<3	2.91	.01	.03	<2	11
L39+00N 73+00E	5	37	24	55	<.3	8	3	312	7.20	92	<5	<2	3	15	<.2	<2	4	193	.20	.012	4	51	.60	21	.25	5	3.55	.01	.03	<2	8
L39+00N 73+25E	3	14	43	26	<.3	2	1	126	4.75	275	5	<2	3	8	<.2	2	2	141	.10	.010	13	28	.16	12	.08	<3	2.52	.01	.02	<2	354
L39+00N 73+50E	4	32	28	46	<.3	3	1	198	5.58	406	<5	<2	3	10	.3	<2	<2	155	.12	.015	6	42	.29	16	.13	<3	3.25	.01	.03	<2	5
L39+00N 73+75E	4	36	34	61	<.3	8	3	266	4.05	782	<5	<2	3	19	<.2	2	2	138	.23	.010	6	42	.63	23	.21	<3	3.12	.01	.03	<2	53
L39+00N 74+00E	3	25	24	42	<.3	8	2	236	3.99	130	6	<2	2	16	<.2	<2	<2	141	.21	.010	5	40	.49	18	.16	<3	2.84	.01	.03	<2	10
L39+00N 74+25E	4	41	28	56	.7	8	2	283	5.25	123	<5	<2	2	15	.2	3	<2	171	.18	.013	4	47	.39	26	.21	<3	4.17	.01	.03	<2	5
L39+00N 74+50E	3	46	69	61	1.4	9	2	277	5.71	1513	<5	<2	2	16	.2	<2	3	129	.21	.012	6	44	.49	30	.15	<3	2.85	.01	.04	<2	17
L39+00N 74+75E	3	53	54	67	.5	7	2	250	5.74	396	<5	<2	4	14	<.2	3	2	142	.18	.011	7	52	.39	23	.15	3	4.15	.01	.03	<2	13
L39+00N 75+00E	3	48	45	99	.5	8	3	289	4.81	377	<5	<2	2	13	.3	<2	2	113	.17	.011	6	34	.42	30	.12	3	3.26	.01	.03	<2	9
L39+00N 75+50E	4	75	29	132	<.3	8	5	1318	7.69	543	<5	<2	3	12	.3	<2	<2	167	.16	.015	4	56	.45	30	.21	<3	5.38	.01	.03	<2	6
L39+00N 75+75E	4	72	22	117	<.3	12	3	286	6.32	95	<5	<2	2	13	<.2	<2	<2	192	.18	.014	4	64	.45	25	.22	3	5.94	.01	.02	<2	6
L39+00N 76+00E	3	46	37	65	.7	1	<1	282	6.45	1848	<5	<2	2	6	<.2	<2	<2	124	.07	.012	8	24	.16	14	.07	6	2.04	.01	.03	<2	9
L39+00N 76+25E	2	67	23	94	.4	15	3	287	6.16	57	<5	<2	2	17	.2	<2	<2	147	.25	.012	4	53	.54	39	.22	<3	5.50	.01	.03	<2	6
STANDARD C2/AU-S	19	58	37	142	7.1	72	35	1143	3.92	38	20	7	34	51	19.9	14	20	72	.52	.101	41	64	.98	193	.08	30	2.03	.06	.14	11	50

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L39+00N 76+50E	3	49	22	70	.6	16	5	311	6.01	27	<5	<2	2	18	.5	2	<2	184	.28	.010	5	55	.56	32	.24	<3	3.63	.01	.03	<2	4
L39+00N 76+75E	4	34	22	46	<.3	13	3	209	4.15	8	<5	<2	2	18	.4	<2	<2	214	.25	.014	5	60	.45	31	.29	<3	4.13	.01	.02	<2	3
L39+00N 77+00E	3	36	21	57	.3	17	3	238	3.52	8	<5	<2	3	19	.4	4	<2	194	.31	.012	4	70	.56	33	.33	<3	5.12	.01	.02	<2	4
L39+00N 78+25E	3	21	20	29	<.3	8	2	181	3.74	3	<5	<2	2	17	.2	<2	<2	149	.28	.010	6	40	.35	25	.24	3	3.16	.01	.02	<2	3
L39+00N 78+50E	3	35	24	55	.4	15	4	275	5.11	9	<5	<2	2	19	.2	3	2	176	.35	.013	5	58	.61	27	.32	<3	3.93	.01	.02	<2	4
L39+00N 78+75E	3	15	21	31	<.3	7	3	200	3.81	4	5	<2	<2	17	.2	<2	<2	192	.26	.011	5	37	.42	24	.22	<3	2.33	.01	.02	<2	3
L39+00N 79+00E	3	45	14	53	<.3	13	4	277	4.97	<2	<5	<2	2	19	.2	<2	<2	150	.28	.016	6	57	.62	25	.24	<3	5.08	.01	.02	<2	18
RE L39+00N 79+00E	3	44	16	52	.3	15	5	281	4.89	<2	<5	<2	2	19	<.2	2	<2	148	.29	.016	6	57	.63	25	.25	<3	5.07	.01	.03	<2	5
L39+00N 79+20E	3	48	25	67	<.3	19	4	291	6.08	17	<5	<2	2	19	.5	<2	3	169	.32	.025	6	70	.63	36	.27	<3	6.06	.01	.02	<2	8
L39+00N 79+50E	3	33	15	60	<.3	14	4	328	5.16	5	<5	<2	2	15	<.2	<2	4	148	.24	.032	5	51	.55	26	.26	<3	3.80	.01	.09	<2	3
L39+00N 79+75E	4	31	15	45	.7	14	4	240	4.96	<2	<5	<2	2	21	<.2	<2	<2	155	.30	.026	7	61	.50	26	.24	<3	4.60	.01	.02	<2	6
L39+00N 80+00E	2	52	18	66	.6	20	5	305	4.96	6	<5	<2	<2	23	.3	<2	<2	182	.33	.016	4	59	.62	35	.31	<3	4.47	.01	.02	<2	4

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

..CME ...LYT... LA...TOR... LTD. 8... E. HA...INGS ... V...COUVE... ... V... 4R6 PHO...(...04)... 315... FAX(... .)25... 16

GEOCHEMICAL ANALYSIS CERTIFICATE

Kamaka Resources Ltd. File # 96-4305 Page 1

6074 - 45A Ave, Delta BC V4K 1M7

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
38+00N 58+55E	5	54	9	87	.9	17	6	458	4.83	10	<5	<2	3	20	.2	<2	<2	129	.26	.029	7	44	.89	38	.24	<3	5.57	.01	.02	<2	9
38+00N 59+75E	3	35	9	110	.4	14	3	416	5.36	14	<5	<2	4	16	<.2	<2	<2	142	.21	.025	7	53	.75	35	.25	<3	5.20	.01	.02	<2	7
38+00N 60+00E	5	42	18	102	<.3	16	4	446	7.19	14	<5	<2	5	15	.3	<2	<2	184	.21	.022	5	60	.82	26	.37	<3	3.97	.01	.03	<2	48
38+00N 60+37E	5	42	<3	63	.7	16	3	338	4.32	<2	<5	<2	4	19	<.2	<2	<2	146	.25	.024	8	98	.73	30	.28	<3	6.35	.01	.02	<2	7
38+00N 60+75E	5	42	<3	64	.3	15	3	332	5.95	<2	<5	<2	4	19	.2	<2	<2	191	.23	.026	4	75	.65	29	.35	<3	6.68	.01	.02	<2	6
38+00N 61+25E	5	36	15	93	<.3	16	3	420	6.23	15	<5	<2	4	16	.2	5	2	190	.21	.021	6	65	.76	41	.33	<3	5.33	.01	.02	<2	9
38+00N 61+50E	5	31	21	74	.4	14	2	345	7.14	8	<5	<2	4	15	.2	2	3	203	.19	.026	6	61	.65	31	.32	<3	5.00	.01	.03	<2	70
38+00N 61+75E	6	57	5	66	<.3	18	4	401	5.40	<2	<5	<2	4	22	.2	<2	3	169	.28	.037	6	68	.84	33	.32	<3	5.76	.01	.03	<2	6
38+00N 62+00E	5	55	9	122	.5	18	4	467	6.66	13	<5	<2	4	16	<.2	2	<2	203	.19	.031	5	59	.82	35	.33	<3	5.39	.01	.03	<2	10
38+00N 62+25E	5	32	4	60	.6	7	3	340	6.08	7	<5	<2	4	8	<.2	5	<2	177	.10	.026	4	32	.58	38	.11	<3	5.08	.01	.03	<2	8
38+00N 62+50E	4	48	6	83	.5	16	3	360	6.77	20	<5	<2	5	14	<.2	6	<2	189	.19	.030	5	76	.62	34	.29	<3	7.02	.01	.02	<2	8
38+00N 62+75E	6	55	9	70	<.3	19	3	376	7.37	2	<5	<2	5	19	<.2	<2	<2	226	.29	.025	6	83	.81	30	.49	<3	6.04	.01	.02	<2	5
38+00N 63+00E	6	45	10	65	<.3	9	1	291	7.36	<2	<5	<2	4	12	<.2	<2	2	247	.14	.025	5	58	.44	26	.30	<3	5.73	.01	.02	<2	4
38+00N 63+25E	6	111	9	181	.6	14	5	635	6.89	58	<5	<2	4	11	.2	3	<2	134	.16	.086	5	40	.96	57	.18	<3	7.72	.01	.04	<2	19
38+00N 63+50E	4	63	7	113	<.3	19	6	493	5.28	19	<5	<2	4	18	<.2	<2	<2	162	.24	.028	5	58	.82	57	.27	<3	6.12	.01	.02	<2	10
38+00N 63+75E	5	44	12	59	<.3	13	2	354	6.42	<2	<5	<2	4	16	.2	<2	<2	204	.20	.024	5	65	.69	25	.37	<3	4.77	.01	.03	<2	12
38+00N 64+00E	4	80	13	131	<.3	23	6	546	6.19	24	<5	<2	5	19	<.2	<2	2	179	.25	.028	5	61	.99	54	.34	<3	6.13	.01	.03	<2	11
38+00N 64+25E	6	57	7	66	.3	15	3	383	6.48	2	<5	<2	5	18	<.2	<2	<2	191	.25	.027	4	88	.85	34	.36	<3	5.30	.01	.03	<2	7
38+00N 64+50E	7	36	9	37	<.3	11	1	256	8.55	<2	6	<2	5	12	.3	2	<2	295	.17	.020	4	105	.54	19	.44	<3	4.08	.01	.02	<2	4
RE 38+00N 64+50E	6	35	15	38	<.3	13	1	258	8.51	<2	<5	<2	5	12	<.2	<2	<2	294	.17	.020	4	104	.55	19	.42	<3	4.07	.01	.02	<2	6
38+00N 64+75E	6	84	7	51	.5	5	1	291	4.93	<2	<5	<2	4	10	<.2	3	3	201	.13	.020	5	33	.93	35	.30	<3	6.50	.01	.05	<2	8
38+00N 65+13E	4	35	24	60	<.3	13	2	316	4.44	16	<5	<2	5	20	<.2	<2	<2	238	.26	.014	5	63	.65	29	.38	<3	4.77	.01	.02	<2	5
38+00N 65+25E	4	16	9	24	.4	5	1	184	5.52	6	<5	<2	3	9	<.2	2	<2	220	.11	.015	5	31	.22	15	.22	<3	2.17	.01	.02	<2	5
38+00N 66+25E	5	50	15	72	<.3	16	3	372	6.03	4	<5	<2	4	22	<.2	3	3	227	.29	.020	5	72	.76	32	.40	<3	5.25	.01	.02	<2	9
38+00N 66+50E	5	27	12	41	<.3	9	1	245	7.57	3	<5	<2	5	13	<.2	<2	3	247	.19	.020	4	54	.45	19	.36	<3	4.02	.01	.02	<2	4
38+00N 66+75E	5	61	15	58	<.3	15	3	354	6.70	10	<5	<2	5	19	<.2	<2	2	193	.24	.020	4	80	.72	25	.37	<3	3.88	.01	.01	<2	10
38+00N 68+00E	11	89	23	178	.3	17	5	356	3.69	101	<5	<2	5	16	.4	4	3	197	.17	.037	8	74	.84	43	.29	<3	8.84	.01	.02	<2	14
38+00N 68+25E	9	62	12	119	.4	15	4	380	6.72	83	<5	<2	4	15	<.2	<2	2	199	.17	.031	4	64	.63	34	.25	<3	6.48	.01	.02	3	7
38+00N 68+50E	6	43	20	94	.5	8	2	230	4.66	111	<5	<2	4	12	<.2	3	<2	161	.14	.025	7	47	.51	25	.14	<3	5.20	.01	.02	<2	12
38+00N 68+75E	14	79	15	81	<.3	13	4	356	5.27	16	<5	<2	4	18	.2	<2	2	160	.23	.025	6	57	.81	31	.27	<3	6.62	.01	.02	<2	18
38+00N 69+00E	5	97	9	120	.3	20	7	476	5.43	28	<5	<2	3	18	.2	<2	2	183	.23	.026	3	50	.82	45	.30	<3	6.63	.01	.02	<2	43
38+00N 69+25E	10	134	17	83	.3	11	3	345	6.90	50	<5	<2	5	15	<.2	<2	<2	186	.19	.027	6	59	.67	26	.27	<3	5.47	.01	.02	<2	36
38+00N 69+50E	6	60	11	51	.3	8	2	252	4.85	15	<5	<2	4	14	<.2	2	3	174	.17	.019	4	47	.42	23	.23	<3	3.98	.01	.01	<2	11
38+00N 69+75E	8	87	12	51	.7	12	2	278	6.73	4	<5	<2	4	14	<.2	9	<2	236	.16	.024	4	55	.50	26	.29	<3	4.92	.01	.02	2	10
38+00N 70+00E	7	63	11	82	.3	14	5	458	6.13	17	<5	<2	4	20	<.2	2	2	178	.23	.039	4	56	.87	36	.30	<3	6.55	.01	.02	<2	11
STANDARD C2/AU-S	21	56	37	142	7.0	75	35	1144	3.98	38	26	8	38	53	20.8	18	19	73	.53	.114	42	62	1.03	199	.08	27	2.05	.06	.14	12	52

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 4 1996 DATE REPORT MAILED: Sept 17/96 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
38+00N 70+25E	6	64	32	77	.3	12	3	320	6.96	107	<5	<2	4	16	.2	<2	<2	190	.18	.032	3	68	.56	30	.27	<3	6.01	.01	.01	<2	4
38+00N 70+50E	5	65	35	143	<.3	16	5	509	6.02	176	<5	<2	4	17	.2	<2	<2	168	.20	.033	4	64	.75	34	.25	<3	6.66	.01	.02	<2	43
38+00N 70+75E	6	58	30	92	.4	12	2	326	6.81	147	<5	<2	4	11	.4	3	3	186	.13	.028	4	67	.51	27	.25	<3	5.79	.01	.01	2	11
38+00N 71+00E	12	159	17	43	<.3	6	1	224	5.13	37	<5	<2	4	10	<.2	3	<2	139	.11	.018	6	27	.31	22	.19	<3	4.78	.01	.02	<2	11
38+00N 71+25E	4	32	26	58	<.3	8	1	262	6.63	165	<5	<2	3	12	<.2	2	<2	219	.14	.015	5	51	.42	19	.21	<3	3.31	.01	.01	<2	8
38+00N 71+50E	3	92	28	94	<.3	10	3	366	5.60	97	<5	<2	4	13	<.2	<2	4	147	.17	.027	5	42	.52	33	.20	<3	3.85	.01	.03	<2	202
38+00N 71+75E	6	51	30	112	<.3	12	4	441	7.92	275	<5	<2	3	17	.3	<2	<2	193	.20	.025	5	58	.76	28	.28	<3	3.93	.01	.01	2	23
38+00N 72+00E	3	25	28	84	.4	8	2	294	4.67	148	<5	<2	3	11	<.2	<2	2	138	.13	.017	6	40	.38	26	.13	<3	3.87	.01	.02	<2	4
38+00N 72+25E	6	50	22	87	.3	13	2	376	6.33	66	<5	<2	4	17	<.2	<2	2	185	.19	.021	5	60	.57	31	.25	<3	5.31	.01	.01	<2	10
38+00N 72+50E	4	56	45	194	<.3	13	3	543	6.25	220	<5	<2	4	14	.2	<2	<2	147	.16	.016	7	46	.62	35	.18	<3	3.72	.01	.02	<2	14
38+00N 72+75E	6	76	24	75	<.3	17	4	375	6.84	31	<5	<2	4	21	.3	2	2	183	.24	.026	4	77	.71	33	.30	<3	6.02	.01	.01	<2	175
38+00N 73+00E	2	9	21	22	<.3	2	<1	106	2.93	84	<5	<2	<2	5	<.2	2	<2	107	.06	.006	9	14	.06	9	.08	<3	1.22	.01	.01	<2	13
38+00N 73+75E	3	17	53	43	<.3	6	<1	211	7.19	209	5	<2	3	14	.4	4	<2	158	.18	.008	7	33	.32	23	.15	<3	2.23	.01	.01	<2	6
38+00N 74+00E	3	24	50	79	<.3	8	1	232	4.80	289	<5	<2	4	15	<.2	4	2	139	.18	.009	7	37	.38	28	.13	<3	2.55	.01	.02	<2	20
38+00N 74+25E	4	19	24	48	.3	1	<1	161	3.23	210	<5	<2	<2	5	<.2	<2	<2	96	.04	.011	9	8	.08	16	.03	<3	1.55	.01	.01	<2	4
38+00N 74+50E	6	64	62	88	<.3	9	2	375	6.07	344	<5	<2	5	15	.3	<2	<2	145	.18	.022	6	50	.46	28	.15	<3	3.41	.01	.02	<2	19
RE 38+00N 74+50E	5	60	63	84	.3	8	2	363	5.90	333	<5	<2	5	14	.3	2	<2	140	.17	.022	6	49	.45	27	.14	<3	3.31	.01	.02	<2	17
38+00N 74+75E	5	24	48	48	.4	7	2	229	3.81	143	<5	<2	3	18	.2	<2	<2	131	.22	.016	5	29	.42	25	.16	3	2.57	.01	.02	<2	4
38+00N 75+00E	4	30	36	36	.3	6	1	168	2.81	140	<5	<2	2	14	<.2	<2	<2	131	.16	.018	7	37	.29	23	.14	<3	3.57	.01	.01	<2	7
38+00N 75+25E	5	54	69	80	<.3	8	2	340	6.02	316	<5	<2	5	14	.2	3	2	137	.18	.019	6	54	.40	30	.13	<3	3.93	.01	.02	<2	18
38+00N 75+50E	6	43	116	60	<.3	6	1	345	7.51	266	<5	<2	4	11	.3	<2	3	173	.12	.022	6	40	.32	25	.13	<3	3.89	.01	.02	<2	8
38+00N 75+75E	5	24	76	62	<.3	4	<1	216	5.02	387	<5	<2	3	9	<.2	<2	3	111	.10	.015	10	18	.18	23	.06	3	2.39	.01	.03	<2	12
38+00N 76+00E	4	30	114	48	.3	3	<1	187	5.15	1163	<5	<2	5	7	<.2	3	2	102	.08	.016	10	14	.12	28	.06	<3	2.39	.01	.02	<2	11
38+00N 77+50E	3	30	15	137	<.3	12	3	236	5.95	108	<5	<2	3	11	<.2	<2	2	148	.14	.016	8	42	.37	44	.06	<3	4.72	.01	<.01	<2	1
38+00N 77+75E	3	43	24	131	<.3	15	3	337	6.54	234	5	<2	4	15	.5	<2	<2	189	.20	.022	5	82	.53	36	.21	<3	5.07	.01	.01	2	150
38+00N 78+00E	3	57	22	86	<.3	24	5	388	7.72	28	<5	<2	3	17	.5	<2	<2	259	.22	.017	3	87	.79	50	.30	6	5.19	.01	.01	<2	<1
38+00N 78+25E	3	37	21	61	<.3	16	3	293	5.64	24	6	<2	3	19	.4	2	<2	191	.26	.016	5	60	.56	36	.27	4	3.92	.01	.02	<2	2
38+00N 78+50E	3	30	27	66	<.3	17	4	308	2.63	16	<5	<2	3	21	.2	2	<2	172	.30	.011	6	58	.72	43	.24	<3	4.48	.01	.02	<2	2
38+00N 78+75E	5	35	24	57	<.3	14	4	325	4.11	15	<5	<2	2	20	<.2	4	<2	145	.24	.017	8	40	.80	35	.17	3	3.96	.01	.01	<2	13
38+00N 79+00E	4	33	18	47	<.3	16	4	339	4.56	11	<5	<2	3	21	.3	<2	<2	168	.29	.020	8	67	.80	31	.28	<3	4.36	.01	.01	<2	3
38+00N 79+25E	4	36	16	43	<.3	12	2	269	4.90	11	<5	<2	3	21	.2	<2	<2	185	.28	.020	6	47	.50	31	.26	<3	4.11	.01	.01	<2	1
38+00N 79+50E	3	13	15	15	<.3	5	<1	144	4.08	5	<5	<2	2	13	<.2	<2	<2	199	.17	.008	5	45	.19	13	.23	<3	1.92	.01	.01	<2	3
38+00N 79+75E	4	34	13	37	<.3	11	3	262	3.90	9	<5	<2	2	20	.2	<2	<2	187	.29	.026	6	51	.49	32	.26	3	4.47	.01	.01	2	5
38+00N 80+00E	4	40	16	59	<.3	16	3	322	5.70	15	<5	<2	3	20	.5	<2	<2	200	.32	.020	6	58	.62	38	.29	<3	4.21	.01	.01	<2	15
37+00N 65+50E	4	41	21	50	<.3	14	2	237	1.94	10	<5	<2	2	23	.4	<2	<2	183	.26	.013	6	58	.49	44	.25	<3	5.04	.01	.02	<2	4
STANDARD C2/AU-S	21	60	40	143	6.7	73	35	1138	3.88	44	15	8	37	55	20.3	15	20	73	.54	.108	42	65	.99	214	.08	30	2.03	.06	.14	12	45

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

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
37+00N 65+75E	4	76	21	95	<.3	15	4	387	3.91	24	<5	<2	3	18	.5	<2	<2	150	.25	.020	6	55	.77	45	.26	<3	6.65	.01	.02	<2	8
37+00N 66+50E	6	4	17	13	.3	2	<1	76	5.59	521	<5	<2	2	9	<.2	2	<2	68	.09	.022	4	11	.12	17	.05	<3	1.14	.01	.01	<2	3
37+00N 67+50E	6	24	30	44	.3	8	2	205	3.79	34	<5	<2	3	15	<.2	<2	2	190	.21	.015	7	47	.45	27	.17	<3	4.58	.01	.01	<2	6
37+00N 67+75E	7	61	55	95	<.3	13	5	486	6.77	85	<5	<2	4	17	<.2	2	2	145	.21	.030	6	49	.72	36	.22	6	6.18	.01	.02	<2	10
37+00N 68+00E	4	39	29	57	.4	12	3	292	2.67	10	<5	<2	2	19	<.2	2	2	130	.23	.018	8	49	.73	35	.15	<3	4.72	.01	.02	<2	13
37+00N 68+25E	4	44	29	55	.3	15	2	519	2.36	<2	<5	<2	2	17	<.2	<2	2	145	.19	.014	5	56	.94	31	.23	<3	4.08	.01	.02	<2	12
37+00N 68+50E	5	75	31	123	<.3	17	5	426	6.96	54	<5	<2	4	14	.3	<2	4	197	.16	.026	3	54	.69	41	.26	3	7.24	.01	.02	<2	80
37+00N 68+75E	6	44	23	51	<.3	11	3	326	6.18	29	<5	<2	4	17	<.2	2	<2	179	.20	.021	5	49	.68	27	.30	<3	4.29	.01	.02	<2	8
37+00N 69+00E	3	25	18	43	<.3	13	2	291	2.81	<2	<5	<2	3	23	<.2	2	<2	119	.29	.010	5	36	.58	27	.28	<3	2.09	.01	.01	<2	7
37+00N 69+25E	4	31	17	44	<.3	9	2	234	5.66	29	<5	<2	4	12	<.2	<2	<2	182	.16	.027	4	52	.36	26	.26	<3	4.74	.01	.01	<2	3
37+00N 69+50E	4	78	15	75	<.3	21	4	379	5.10	19	<5	<2	4	25	.3	<2	<2	158	.33	.017	4	74	.77	48	.31	3	5.97	.01	.01	<2	6
37+00N 69+75E	4	38	18	199	<.3	13	5	328	3.34	158	<5	<2	3	20	.3	2	<2	159	.25	.011	5	42	.79	34	.25	3	4.30	.01	.02	<2	6
37+00N 70+00E	5	34	15	58	<.3	14	4	330	3.39	12	<5	<2	3	24	<.2	<2	<2	140	.27	.017	8	47	.79	37	.20	<3	4.71	.01	.01	<2	7
37+00N 70+25E	5	72	16	74	<.3	21	7	424	5.15	<2	<5	<2	4	22	.3	<2	<2	154	.29	.029	4	56	.87	33	.27	5	5.26	.02	.01	<2	9
37+00N 70+50E	3	36	34	104	<.3	10	3	329	5.24	51	<5	<2	3	12	.2	<2	<2	150	.18	.017	5	40	.44	26	.17	4	4.14	.01	.01	<2	5
37+00N 70+75E	3	24	20	53	.4	11	2	253	3.27	25	<5	<2	3	15	<.2	<2	<2	132	.19	.016	6	41	.49	31	.22	5	3.88	.01	.01	<2	17
37+00N 71+00E	3	32	15	63	<.3	10	2	315	5.25	37	<5	<2	3	12	.3	<2	<2	172	.18	.015	4	51	.55	34	.32	<3	3.63	.01	.01	<2	4
RE 37+00N 71+00E	3	34	19	66	<.3	11	2	326	5.43	37	<5	<2	3	12	<.2	<2	<2	177	.19	.015	4	54	.58	35	.34	3	3.76	.01	.02	<2	4
37+00N 71+25E	3	22	27	54	.7	10	1	260	4.07	34	<5	<2	3	14	<.2	<2	<2	154	.20	.015	5	32	.45	27	.28	<3	2.88	.01	.01	<2	9
37+00N 71+50E	6	36	25	44	<.3	7	2	212	5.47	52	<5	<2	4	11	<.2	<2	<2	202	.12	.018	5	41	.34	24	.18	<3	4.49	.01	.01	<2	3
37+00N 71+75E	5	47	24	72	<.3	13	4	423	6.40	39	<5	<2	3	19	.2	4	<2	191	.24	.019	5	57	.87	30	.34	3	4.86	.01	.01	<2	10
37+00N 72+12E	7	53	22	82	.3	11	2	355	8.58	64	<5	<2	5	16	.2	<2	<2	224	.17	.024	4	62	.68	30	.32	<3	4.94	.01	.01	<2	8
37+00N 72+25E	6	27	28	59	<.3	7	1	243	6.00	108	<5	<2	3	12	<.2	2	<2	217	.13	.017	5	39	.30	22	.23	4	2.64	.01	.01	<2	9
37+00N 72+50E	2	6	21	17	<.3	3	<1	116	1.97	26	<5	<2	<2	10	<.2	<2	<2	100	.10	.006	6	12	.17	16	.17	<3	1.42	.01	.01	<2	1
37+00N 72+75E	3	8	21	26	<.3	4	<1	120	2.42	42	<5	<2	2	11	<.2	<2	<2	87	.13	.009	5	12	.14	19	.13	<3	1.15	.01	.02	<2	2
37+00N 73+25E	6	25	31	55	.3	7	1	257	5.12	103	<5	<2	4	9	<.2	2	<2	143	.10	.014	5	30	.42	20	.14	<3	2.68	.01	.01	<2	13
37+00N 73+50E	4	32	37	90	<.3	9	2	309	5.33	118	<5	<2	3	13	<.2	4	<2	151	.16	.017	5	40	.44	24	.16	3	2.75	.01	.01	<2	5
37+00N 73+75E	3	7	17	14	<.3	2	<1	78	2.34	50	<5	<2	2	5	<.2	<2	<2	88	.04	.006	10	7	.07	13	.06	<3	1.25	.01	.02	<2	2
37+00N 74+00E	4	57	37	84	<.3	8	6	1503	14.85	408	<5	<2	4	7	<.2	<2	<2	117	.09	.014	5	37	.49	31	.08	<3	3.71	.01	.01	<2	6
37+00N 74+25E	4	20	32	39	<.3	6	1	251	4.68	69	<5	<2	2	13	<.2	2	<2	136	.16	.011	5	26	.36	19	.13	<3	2.26	.01	<.01	<2	6
37+00N 74+50E	7	48	39	49	<.3	6	<1	295	8.00	156	<5	<2	4	10	.3	<2	<2	203	.11	.022	5	49	.35	16	.19	<3	2.79	.01	.01	<2	31
37+00N 74+75E	4	47	45	97	.5	10	3	367	5.12	199	<5	<2	4	13	.2	<2	<2	147	.16	.018	7	45	.49	36	.11	<3	4.04	.01	.01	<2	10
37+00N 75+00E	5	51	69	94	.4	10	3	320	5.15	522	<5	<2	4	9	.2	3	<2	129	.10	.018	5	38	.39	25	.08	<3	3.58	.01	.02	<2	17
37+00N 75+25E	6	58	36	81	<.3	10	3	331	5.75	155	<5	<2	4	15	.4	3	<2	169	.20	.017	4	49	.61	26	.23	<3	3.59	.01	.01	<2	8
37+00N 75+50E	5	32	39	50	.9	6	1	195	4.44	134	<5	<2	4	11	<.2	<2	<2	153	.13	.014	6	34	.33	22	.16	<3	3.39	.01	.02	<2	6
STANDARD C2/AU-S	21	61	38	143	6.4	73	35	1201	3.97	35	20	8	38	52	19.7	13	19	73	.54	.109	43	65	1.02	205	.08	28	2.05	.06	.13	11	52

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

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
37+00N 75+75E	6	27	59	37	<.3	3	<1	133	5.09	219	<5	<2	4	10	<.2	3	<2	115	.11	.012	8	15	.22	13	.13	<3	1.74	.01	.01	<2	38
37+00N 76+00E	4	9	20	18	<.3	3	<1	102	3.33	132	<5	<2	2	9	<.2	2	<2	107	.10	.009	7	12	.19	14	.14	<3	1.37	.01	.02	<2	6
37+00N 76+25E	3	8	15	38	<.3	1	2	507	3.47	101	<5	<2	2	4	<.2	<2	<2	45	.02	.019	7	3	.05	15	.01	<3	.82	.01	.03	<2	4
37+00N 76+50E	3	13	41	72	.3	9	3	170	3.02	84	<5	<2	2	9	<.2	<2	<2	96	.10	.011	9	17	.46	24	.07	<3	2.58	.01	.03	<2	8
37+00N 76+75E	4	23	34	48	<.3	6	2	381	4.08	124	<5	<2	2	12	<.2	5	<2	124	.15	.013	6	34	.38	23	.11	<3	3.15	.01	.01	<2	15
37+00N 77+00E	3	50	39	71	<.3	16	12	1762	5.44	437	5	<2	2	21	.3	<2	<2	126	.27	.020	6	47	.68	64	.16	<3	4.62	.01	.01	<2	10
37+00N 77+25E	5	59	35	81	<.3	19	4	414	5.16	64	<5	<2	3	25	.3	<2	<2	145	.28	.027	4	68	.83	39	.24	<3	4.95	.01	.01	<2	9
RE 37+00N 77+25E	5	58	40	82	<.3	20	4	412	5.15	65	<5	<2	3	24	.3	2	<2	144	.27	.027	4	68	.83	38	.23	<3	4.96	.01	<.01	<2	10
37+00N 77+50E	3	8	19	20	<.3	3	<1	139	3.61	46	<5	<2	2	6	<.2	<2	<2	107	.06	.012	9	15	.08	12	.05	<3	1.63	.01	.02	<2	7
37+00N 77+75E	3	34	28	69	<.3	18	4	385	5.22	53	6	<2	3	20	<.2	<2	<2	154	.29	.019	6	59	.68	36	.25	<3	3.83	.01	.01	<2	5
37+00N 78+00E	3	31	24	48	<.3	13	2	277	5.88	29	<5	<2	3	17	<.2	<2	<2	195	.22	.017	4	68	.50	28	.32	<3	3.20	.01	.01	<2	7
37+00N 78+25E	3	38	26	57	<.3	14	3	297	4.07	38	<5	<2	2	21	<.2	2	<2	129	.30	.024	7	47	.57	43	.21	<3	4.15	.01	.01	<2	8
37+00N 78+50E	3	25	36	48	<.3	11	2	230	4.39	39	<5	<2	3	18	<.2	2	<2	144	.24	.018	5	50	.41	29	.22	<3	3.65	.01	<.01	<2	6
37+00N 78+75E	3	35	33	49	<.3	14	2	253	5.32	13	<5	<2	3	18	.2	2	<2	188	.24	.021	4	59	.44	26	.27	<3	3.92	.01	.01	<2	5
37+00N 79+00E	3	28	18	30	<.3	8	2	206	3.78	3	<5	<2	2	15	<.2	<2	<2	154	.20	.018	5	43	.24	37	.19	<3	3.24	.01	<.01	<2	7
37+00N 79+25E	4	45	33	51	<.3	13	2	240	4.23	6	<5	<2	3	18	<.2	<2	<2	153	.24	.029	5	59	.49	26	.27	<3	4.50	.01	<.01	<2	9
37+00N 79+50E	4	53	23	72	<.3	18	5	326	4.94	4	<5	<2	2	21	.3	<2	<2	176	.29	.030	5	57	.59	40	.27	<3	5.69	.02	<.01	<2	5
37+00N 79+75E	3	49	19	52	<.3	15	3	238	3.71	3	<5	<2	3	19	<.2	<2	<2	159	.27	.029	6	56	.53	36	.27	<3	5.35	.01	<.01	<2	7
37+00N 80+00E	4	44	17	53	<.3	15	3	296	5.67	2	<5	<2	4	21	<.2	<2	<2	183	.29	.020	4	76	.57	34	.35	<3	4.64	.01	<.01	<2	6
35+00N 58+00E	4	42	19	36	<.3	12	2	257	5.19	<2	<5	<2	3	19	<.2	<2	<2	167	.23	.015	4	51	.51	21	.23	<3	2.94	.01	<.01	<2	16
35+00N 58+75E	5	41	17	45	<.3	12	2	261	4.27	<2	<5	<2	3	23	.2	<2	<2	117	.27	.025	5	54	.56	25	.22	3	4.80	.01	<.01	<2	10
35+00N 59+00E	4	41	15	56	<.3	12	3	307	5.22	8	<5	<2	3	17	.2	<2	<2	144	.22	.019	5	43	.59	30	.24	<3	4.21	.01	.01	<2	5
35+00N 59+25E	5	50	13	55	<.3	12	3	328	5.80	<2	<5	<2	3	19	<.2	<2	<2	133	.21	.027	6	47	.64	37	.23	<3	4.83	.01	.01	<2	7
35+00N 59+50E	6	83	22	66	<.3	19	4	446	6.39	<2	<5	<2	3	27	.3	<2	<2	163	.31	.023	7	70	.86	38	.28	<3	4.01	.01	<.01	<2	13
35+00N 59+75E	4	57	29	68	<.3	11	4	412	6.35	6	<5	<2	3	18	<.2	2	<2	194	.19	.022	4	59	.65	31	.23	<3	4.15	.01	.01	<2	6
35+00N 60+00E	6	96	17	104	<.3	16	4	401	5.12	<2	<5	<2	3	26	.3	<2	<2	144	.29	.031	5	53	.81	40	.26	<3	5.19	.01	<.01	<2	11
35+00N 60+50E	5	27	27	42	<.3	10	1	261	4.76	4	<5	<2	3	20	.2	2	<2	131	.23	.013	5	38	.52	24	.25	<3	2.46	.01	.01	<2	8
35+00N 60+80E	5	30	15	35	<.3	8	2	230	5.55	3	<5	<2	3	15	<.2	2	2	175	.16	.015	4	40	.42	22	.23	<3	3.02	.01	<.01	<2	6
35+00N 61+00E	4	35	23	38	<.3	8	2	237	5.15	7	<5	<2	2	16	<.2	2	<2	151	.18	.014	5	37	.43	25	.20	<3	3.34	.01	<.01	<2	7
35+00N 61+25E	5	49	24	50	<.3	12	2	301	5.92	2	<5	<2	3	20	<.2	<2	<2	163	.21	.017	5	49	.63	34	.25	<3	4.03	.01	.01	<2	9
35+00N 61+75E	5	38	21	52	<.3	15	2	343	5.63	5	<5	<2	2	28	.2	<2	<2	166	.33	.015	5	50	.73	41	.30	<3	3.23	.01	.01	<2	8
35+00N 62+87E	1	6	16	26	<.3	3	1	95	.74	9	<5	<2	<2	13	<.2	<2	<2	34	.11	.013	4	11	.17	21	.08	<3	1.09	.01	.01	<2	4
35+00N 63+00E	4	15	21	58	<.3	8	2	262	4.99	9	<5	<2	2	15	<.2	<2	<2	160	.17	.014	4	33	.46	29	.18	<3	3.77	.01	.01	<2	6
35+00N 63+80E	3	10	13	41	<.3	3	1	125	4.55	8	<5	<2	<2	7	<.2	4	<2	179	.09	.010	3	9	.17	14	.17	<3	2.00	.01	<.01	<2	5
35+00N 64+00E	4	29	22	53	<.3	8	2	300	6.95	15	<5	<2	2	17	.2	<2	<2	200	.23	.017	5	36	.49	27	.29	<3	4.07	.01	<.01	<2	5
STANDARD C2/AU-S	21	58	38	141	6.4	73	35	1125	3.87	38	21	7	35	53	19.3	15	17	73	.53	.109	41	64	.98	209	.09	29	2.02	.06	.13	10	54

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

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
35+00N 64+25E	5	51	24	87	<.3	12	4	397	5.63	34	<5	<2	3	16	.2	3	2	163	.19	.028	4	43	.66	30	.24	<3	5.34	.01	.03	<2	10
35+00N 64+50E	4	31	24	72	<.3	9	2	321	5.79	26	<5	<2	3	13	<.2	<2	<2	166	.18	.016	4	42	.48	25	.24	<3	4.06	.01	<.01	<2	7
35+00N 64+75E	6	54	28	59	<.3	10	3	308	6.04	10	<5	<2	3	15	<.2	2	<2	184	.19	.026	3	59	.52	28	.26	<3	5.41	.01	<.01	<2	5
35+00N 65+00E	4	34	24	65	<.3	11	2	323	5.87	25	<5	<2	3	17	<.2	<2	<2	169	.23	.015	3	50	.57	33	.30	<3	3.69	.01	<.01	<2	5
35+00N 65+25E	4	45	21	77	<.3	11	4	358	6.36	12	5	<2	3	16	<.2	2	<2	163	.18	.022	3	48	.64	32	.26	<3	4.97	.01	<.01	<2	5
35+00N 66+00E	3	13	24	77	<.3	7	1	258	5.12	18	<5	<2	2	14	<.2	<2	<2	160	.17	.010	4	29	.49	22	.25	<3	2.12	.01	.01	<2	8
35+00N 66+25E	6	34	27	40	<.3	8	1	246	5.80	15	<5	<2	3	16	<.2	5	<2	202	.19	.016	4	50	.49	21	.27	<3	3.87	.01	.01	<2	5
35+00N 66+50E	5	51	21	50	<.3	9	2	251	5.40	13	<5	<2	3	17	<.2	4	<2	179	.22	.021	4	53	.47	24	.25	<3	4.50	.01	<.01	<2	4
35+00N 67+20E	4	42	33	79	<.3	15	3	336	4.73	16	<5	<2	3	22	.2	<2	<2	152	.37	.019	4	51	.63	36	.29	4	4.37	.01	<.01	<2	5
35+00N 67+50E	3	42	24	97	<.3	14	6	430	4.72	40	<5	<2	3	18	<.2	<2	<2	127	.23	.022	6	39	.76	39	.18	<3	5.08	.01	.02	<2	5
35+00N 67+80E	4	44	26	93	<.3	9	3	272	6.42	80	<5	<2	3	10	<.2	<2	2	148	.12	.018	6	40	.51	39	.20	<3	5.87	.01	<.01	<2	6
35+00N 68+05E	5	39	26	98	.3	10	2	283	5.37	49	<5	<2	3	14	<.2	<2	<2	159	.17	.019	5	37	.52	32	.24	<3	5.33	.01	.01	<2	94
35+00N 68+85E	6	44	36	76	<.3	14	2	317	6.90	26	<5	<2	4	19	.2	<2	<2	223	.33	.021	3	72	.56	36	.36	<3	4.95	.01	<.01	<2	18
35+00N 69+05E	5	47	39	78	<.3	8	2	329	5.84	22	<5	<2	3	13	<.2	<2	2	160	.17	.019	4	46	.48	21	.20	<3	3.83	.01	<.01	<2	65
35+00N 69+25E	4	44	33	100	<.3	11	3	365	5.57	55	<5	<2	4	12	<.2	<2	<2	151	.17	.025	3	49	.59	25	.23	4	4.52	.01	.01	<2	17
RE 35+00N 69+25E	4	44	35	100	<.3	11	3	360	5.57	55	<5	<2	4	13	<.2	<2	<2	152	.17	.024	3	49	.59	25	.23	4	4.51	.01	<.01	<2	7
35+00N 69+50E	4	37	36	88	<.3	10	2	292	5.65	62	<5	<2	4	12	<.2	2	<2	172	.16	.022	3	61	.47	26	.23	<3	5.05	.01	<.01	<2	10
35+00N 69+75E	4	17	35	60	<.3	8	1	273	3.55	20	<5	<2	2	18	<.2	<2	<2	156	.24	.009	6	26	.53	25	.22	<3	2.89	.01	.01	<2	7
35+00N 70+00E	5	49	28	112	<.3	12	3	364	5.26	49	<5	<2	3	17	.4	<2	<2	172	.18	.019	3	45	.63	36	.22	<3	5.02	.01	<.01	<2	267
35+00N 70+25E	4	12	22	30	<.3	4	<1	145	5.83	27	<5	<2	2	8	<.2	<2	<2	203	.09	.010	5	24	.19	15	.23	<3	1.89	.01	<.01	<2	6
35+00N 70+50E	3	46	21	84	<.3	14	4	383	4.71	32	<5	<2	3	18	<.2	<2	2	155	.22	.017	4	45	.74	40	.23	<3	4.03	.01	.01	<2	9
35+00N 70+75E	3	20	23	51	.3	9	2	233	4.34	23	<5	<2	2	13	<.2	4	<2	167	.17	.012	4	30	.43	26	.22	<3	3.42	.01	.01	<2	3
35+00N 71+00E (A)	5	65	25	122	<.3	18	6	513	5.91	45	5	<2	3	18	.3	<2	<2	149	.21	.030	3	51	.96	52	.25	<3	5.89	.01	.02	<2	15
35+00N 71+00E (B)	3	16	23	44	<.3	8	1	210	2.85	27	<5	<2	2	18	<.2	<2	<2	161	.22	.011	5	33	.47	26	.22	<3	2.38	.01	.01	<2	11
35+00N 71+25E	2	8	34	29	<.3	5	<1	160	2.12	33	<5	<2	<2	12	<.2	<2	<2	139	.12	.007	6	16	.26	21	.14	<3	1.95	.01	.02	<2	4
35+00N 72+50E	4	23	32	45	<.3	8	1	250	5.83	15	9	<2	3	17	<.2	<2	<2	165	.21	.018	4	38	.47	31	.26	<3	3.48	.01	.01	<2	4
35+00N 72+75E	5	27	24	59	<.3	10	2	317	4.70	104	<5	<2	3	19	<.2	2	<2	148	.24	.019	5	38	.65	28	.25	<3	3.32	.01	.01	<2	62
35+00N 73+00E	5	33	17	46	<.3	13	2	295	4.89	12	<5	<2	2	22	.2	2	<2	160	.26	.023	5	42	.66	35	.26	4	3.34	.01	<.01	<2	6
35+00N 73+25E	5	32	24	40	<.3	9	2	277	5.15	13	7	<2	2	17	<.2	<2	2	166	.21	.021	5	36	.55	23	.26	3	2.90	.01	.01	<2	7
35+00N 73+50E	4	24	22	42	<.3	10	2	259	4.25	2	<5	<2	2	21	<.2	<2	<2	142	.26	.014	6	33	.60	31	.25	<3	3.12	.01	.01	<2	6
35+00N 73+75E	4	19	17	26	<.3	6	<1	171	5.25	8	<5	<2	2	13	<.2	5	<2	178	.15	.019	4	30	.40	20	.22	<3	2.64	.01	<.01	<2	5
35+00N 74+00E	5	54	19	77	<.3	19	6	496	6.89	12	5	<2	3	18	.3	<2	<2	193	.22	.022	3	54	1.00	39	.33	<3	4.45	.01	.01	<2	5
35+00N 74+25E	6	77	14	63	<.3	15	5	408	6.05	<2	7	<2	3	24	<.2	<2	<2	135	.27	.027	6	58	.94	34	.22	<3	4.68	.01	.02	<2	6
35+00N 74+50E	5	62	17	62	<.3	16	4	359	4.51	<2	<5	<2	3	23	.2	<2	<2	143	.28	.023	6	43	.86	41	.26	<3	4.42	.01	.01	<2	11
35+00N 74+75E	5	22	24	22	.3	7	<1	168	4.91	<2	<5	<2	3	15	<.2	2	2	151	.17	.013	5	43	.35	19	.23	<3	2.63	.01	.01	<2	6
STANDARD C2/AU-S	20	56	39	134	6.5	69	33	1138	3.80	35	17	8	35	51	19.1	13	18	70	.51	.108	39	60	.95	192	.08	27	1.95	.06	.13	11	54

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

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
35+00N 75+25E	6	56	21	72	.5	19	6	457	6.05	<2	<5	<2	4	28	.4	3	<2	159	.30	.028	5	64	1.11	50	.35	3	6.48	.01	.01	<2	10
35+00N 75+50E	4	30	23	53	<.3	13	3	346	6.17	15	<5	<2	3	25	<.2	<2	<2	185	.32	.020	6	49	.70	41	.31	<3	3.40	.01	.01	<2	5
35+00N 75+75E	3	30	23	49	.3	13	3	281	4.89	27	<5	<2	3	19	<.2	2	<2	176	.23	.017	4	45	.54	35	.28	<3	3.37	.01	.01	<2	3
35+00N 76+00E	4	48	18	76	.3	16	4	374	5.34	16	<5	<2	2	22	<.2	<2	<2	161	.28	.027	6	51	.73	50	.30	<3	5.32	.01	.01	<2	5
35+00N 76+25E	4	21	28	67	<.3	12	3	359	6.90	70	<5	<2	3	17	.2	<2	<2	224	.20	.014	5	51	.67	36	.31	<3	3.93	.01	.01	<2	15
35+00N 76+50E	3	15	41	99	<.3	9	2	334	5.60	180	<5	<2	3	6	<.2	2	<2	126	.05	.019	7	34	.41	19	.07	<3	3.30	<.01	.01	<2	23
35+00N 77+50E	4	25	37	89	.5	8	2	284	6.56	96	<5	<2	3	10	<.2	6	<2	207	.13	.018	5	47	.33	27	.15	<3	4.38	.01	<.01	2	4
35+00N 77+75E	4	36	49	123	<.3	14	5	377	3.62	119	<5	<2	3	16	<.2	2	<2	141	.22	.022	6	41	.79	37	.15	<3	5.32	.01	.02	2	8
35+00N 78+00E	6	45	33	76	<.3	11	4	364	6.25	48	<5	<2	3	17	<.2	<2	2	200	.21	.038	4	50	.58	38	.22	<3	5.74	.01	.01	<2	5
35+00N 78+25E	8	74	42	98	<.3	19	6	363	6.86	77	5	<2	4	15	<.2	<2	2	176	.20	.036	5	73	.66	40	.23	<3	7.19	.01	.01	<2	6
35+00N 78+50E	4	50	64	99	.5	15	4	362	3.53	185	<5	<2	3	22	<.2	<2	<2	137	.30	.019	7	45	.82	48	.19	<3	4.95	.01	.02	<2	12
RE 35+00N 78+50E	4	53	74	104	.4	16	4	384	3.66	193	<5	<2	3	23	<.2	<2	<2	141	.31	.019	7	48	.85	50	.19	<3	5.14	.01	.01	<2	9
35+00N 78+75E	4	39	84	107	<.3	17	5	362	5.95	89	<5	<2	3	16	<.2	<2	<2	157	.20	.028	4	63	.69	34	.21	<3	5.51	.01	.01	<2	9
35+00N 79+00E	4	25	80	102	.4	8	3	293	4.45	51	<5	<2	4	9	<.2	<2	<2	122	.11	.016	8	34	.40	31	.06	<3	4.31	.01	.03	<2	6
35+00N 79+50E	5	40	16	57	<.3	16	4	353	6.70	5	<5	<2	3	17	.3	<2	<2	236	.23	.028	4	75	.65	27	.36	<3	5.24	.01	<.01	<2	6
35+00N 80+00E	5	42	19	69	.3	17	4	308	5.80	28	<5	<2	2	15	<.2	<2	<2	155	.24	.030	8	65	.66	43	.18	<3	6.58	.01	<.01	<2	4
34+00N 57+75E	5	27	17	53	<.3	13	4	323	2.55	4	<5	<2	<2	29	<.2	<2	2	121	.29	.019	6	36	.96	36	.18	<3	3.32	.01	.02	<2	6
34+00N 58+00E	7	29	25	73	<.3	13	6	411	6.60	11	<5	<2	3	21	<.2	<2	<2	186	.22	.015	6	50	.85	38	.21	<3	4.50	.01	.02	<2	4
34+00N 58+25E	5	34	18	42	<.3	9	1	248	8.50	4	7	<2	3	15	<.2	<2	3	187	.18	.015	5	60	.48	24	.26	<3	3.48	.01	.01	<2	4
34+00N 58+50E	3	44	20	82	<.3	16	6	490	9.04	19	5	<2	3	15	<.2	<2	<2	189	.18	.015	7	39	.86	54	.18	<3	4.61	.01	.01	<2	4
34+00N 59+50E	4	18	20	26	<.3	4	<1	197	8.12	6	6	<2	2	10	<.2	6	<2	230	.12	.011	5	31	.27	14	.28	<3	2.02	.01	.02	<2	4
34+00N 59+75E	5	33	21	54	<.3	11	4	350	3.43	2	<5	<2	2	25	<.2	<2	<2	151	.30	.014	6	33	.82	27	.21	<3	3.10	.01	.01	<2	7
34+00N 60+00E	2	22	13	56	<.3	6	4	449	5.62	8	<5	<2	<2	10	<.2	3	4	161	.10	.015	3	15	.67	19	.12	<3	2.58	.01	.02	<2	2
34+00N 61+00E	5	36	22	57	<.3	11	3	326	4.48	8	<5	<2	2	18	<.2	2	2	192	.22	.014	6	41	.71	31	.28	<3	4.04	.01	.01	<2	5
34+00N 61+25E	5	48	24	79	<.3	14	4	388	6.39	22	<5	<2	2	17	<.2	4	<2	193	.19	.020	4	47	.71	38	.28	<3	3.86	.01	.02	<2	18
34+00N 61+50E	3	28	26	67	<.3	12	4	347	4.35	17	<5	<2	2	17	<.2	<2	<2	143	.22	.012	5	34	.62	43	.25	<3	3.56	.01	.01	<2	4
34+00N 62+50E	4	52	21	76	<.3	13	4	325	5.47	11	<5	<2	2	17	.2	<2	2	192	.21	.018	4	47	.66	35	.22	<3	4.43	.01	.01	<2	6
34+00N 62+75E	8	56	14	33	<.3	11	2	248	2.55	<2	<5	<2	2	27	<.2	2	<2	154	.26	.022	5	54	.77	27	.21	<3	4.00	.01	.01	<2	8
34+00N 63+00E	8	19	18	23	<.3	6	<1	168	4.03	6	<5	<2	2	22	<.2	<2	<2	184	.19	.014	4	38	.50	27	.28	<3	1.84	.01	<.01	<2	18
34+00N 63+25E	8	89	15	51	<.3	11	3	364	5.67	<2	<5	<2	3	31	<.2	<2	<2	176	.27	.036	6	59	.87	40	.24	<3	4.87	.01	.01	<2	9
34+00N 63+50E	10	48	6	18	<.3	6	<1	146	6.09	<2	<5	<2	3	17	<.2	<2	<2	210	.16	.021	5	59	.41	21	.23	<3	3.07	.01	<.01	<2	7
34+00N 63+75E	7	56	15	94	<.3	13	5	542	5.77	2	<5	<2	2	28	.3	<2	<2	144	.30	.020	6	41	.94	44	.24	<3	4.40	.01	.01	<2	6
34+00N 64+00E	6	12	13	52	<.3	3	<1	196	9.18	23	<5	<2	<2	8	<.2	4	<2	176	.08	.009	3	23	.23	13	.16	3	1.56	.01	.01	<2	5
34+00N 64+50E	7	46	15	38	<.3	9	1	303	7.89	<2	<5	<2	3	16	.2	<2	3	210	.18	.025	5	66	.65	20	.32	<3	3.19	.01	<.01	<2	8
34+00N 64+75E	8	81	12	57	<.3	14	4	395	6.46	<2	5	<2	3	25	.2	<2	<2	175	.28	.030	3	79	.81	40	.30	3	5.77	.01	.01	2	13
STANDARD C2/AU-S	21	58	40	140	6.4	72	34	1116	3.83	36	20	7	36	52	19.3	15	18	72	.52	.108	41	64	.96	197	.09	28	2.01	.06	.13	11	47

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
34+00N 66+25E	9	74	19	52	<.3	12	4	389	8.00	<2	<5	<2	4	21	<.2	<2	<2	192	.21	.038	4	74	.84	38	.27	<3	6.63	.01	.01	<2	17
34+00N 67+50E	7	41	24	45	<.3	8	1	271	6.13	15	<5	<2	3	15	<.2	<2	<2	175	.15	.020	4	42	.57	21	.21	<3	3.82	.01	.01	<2	7
34+00N 67+75E	8	33	29	35	<.3	8	1	229	4.62	27	<5	<2	2	23	<.2	2	<2	204	.19	.018	5	44	.82	22	.21	<3	3.30	.01	.01	<2	11
34+00N 68+00E	4	42	30	77	<.3	12	3	357	5.15	47	<5	<2	2	17	<.2	<2	<2	171	.21	.022	4	39	.63	35	.26	3	5.05	.01	.01	<2	6
34+00N 68+25E	8	64	28	70	<.3	14	4	439	7.12	25	<5	<2	3	22	<.2	<2	<2	182	.23	.024	4	65	.94	33	.31	<3	4.36	.01	.02	<2	12
34+00N 68+50E	6	42	31	38	<.3	8	1	228	5.40	13	<5	<2	2	17	<.2	<2	2	181	.21	.016	4	47	.44	23	.24	<3	3.85	.01	.01	<2	7
34+00N 68+75E	3	35	22	54	<.3	9	2	257	5.72	20	<5	<2	2	16	<.2	4	<2	202	.18	.019	3	46	.40	25	.27	<3	5.19	.01	<.01	<2	3
34+00N 69+00E	5	49	36	120	<.3	14	4	408	5.93	36	<5	<2	3	17	<.2	<2	<2	151	.23	.018	5	54	.76	39	.25	<3	6.07	.01	.01	<2	11
34+00N 69+25E	4	51	33	99	.5	12	4	319	3.91	18	<5	<2	3	19	.4	3	<2	156	.25	.018	6	49	.67	37	.21	<3	6.41	.01	.01	<2	15
34+00N 69+50E	4	55	34	124	<.3	13	4	311	3.50	50	<5	<2	3	14	<.2	<2	<2	136	.18	.042	6	53	.70	36	.25	<3	8.42	.01	.01	<2	7
34+00N 69+75E	4	48	42	249	<.3	14	5	458	5.39	76	<5	<2	3	17	.4	2	<2	149	.20	.024	4	44	.73	41	.23	<3	5.78	.01	.01	<2	15
34+00N 70+00E	5	34	40	134	<.3	11	2	381	6.08	40	<5	<2	3	19	.2	<2	<2	160	.25	.016	5	42	.72	32	.25	<3	4.17	.01	.02	<2	14
RE 34+00N 70+00E	6	35	41	139	<.3	11	3	388	6.17	37	<5	<2	3	20	<.2	<2	<2	162	.25	.016	5	43	.73	32	.26	<3	4.24	.01	.01	<2	9
34+00N 70+25E	4	51	40	156	<.3	16	5	518	6.39	131	<5	<2	3	17	<.2	<2	2	162	.20	.016	4	59	.87	47	.24	<3	5.19	.01	.01	<2	89
34+00N 70+50E	5	28	31	53	<.3	8	1	239	6.35	41	<5	<2	3	15	.2	<2	<2	191	.18	.012	5	44	.44	26	.24	<3	3.68	.01	.01	<2	41
34+00N 70+65E	4	43	31	90	<.3	15	5	391	5.14	68	<5	<2	3	18	<.2	4	2	154	.22	.021	4	48	.77	38	.22	3	4.76	.01	.01	<2	13
34+00N 71+00E	8	54	16	49	<.3	9	2	279	5.81	15	<5	<2	3	19	<.2	<2	<2	168	.21	.022	4	57	.64	28	.23	3	4.47	.01	<.01	<2	24
34+00N 71+25E	5	30	29	47	<.3	9	1	219	5.17	29	<5	<2	3	16	<.2	<2	<2	198	.20	.014	6	41	.40	24	.20	<3	3.51	.01	.01	<2	6
34+00N 71+40E	5	50	40	125	<.3	12	3	436	7.13	61	5	<2	3	17	<.2	<2	2	210	.18	.021	4	57	.64	36	.25	<3	5.22	.01	.02	<2	15
34+00N 72+50E	3	21	36	43	<.3	7	1	268	4.94	60	<5	<2	2	16	<.2	2	<2	152	.18	.015	8	29	.39	25	.15	<3	3.28	.01	.01	<2	7
34+00N 72+75E	9	45	26	42	<.3	11	1	308	7.05	28	<5	<2	4	22	.2	<2	<2	212	.27	.022	4	77	.72	30	.38	<3	3.26	.01	.01	<2	9
34+00N 73+00E	4	64	37	87	.3	17	5	485	5.93	5	<5	<2	3	27	.2	<2	<2	175	.34	.033	5	51	1.02	51	.36	3	5.36	.01	.01	<2	6
34+00N 73+25E	9	63	19	43	<.3	11	2	286	6.11	3	<5	<2	3	24	.2	4	<2	174	.28	.034	4	65	.66	28	.30	<3	5.30	.01	.01	<2	9
34+00N 73+50E	10	89	19	55	<.3	15	4	360	6.42	9	<5	<2	4	28	.3	2	<2	151	.25	.038	4	65	.89	34	.29	<3	5.12	.01	.01	<2	9
34+00N 73+75E	8	38	24	32	<.3	9	<1	233	5.19	<2	<5	<2	4	25	<.2	<2	<2	165	.28	.016	4	71	.61	21	.34	<3	3.87	.01	.01	<2	8
34+00N 73+95E	8	42	19	31	<.3	9	1	231	6.05	<2	<5	<2	4	17	<.2	2	<2	179	.17	.021	5	66	.60	23	.26	<3	4.13	.01	.01	<2	12
34+00N 74+45E	8	64	15	47	<.3	12	3	345	5.90	<2	<5	<2	3	26	<.2	<2	2	141	.26	.038	6	53	.79	33	.27	<3	5.58	.01	.01	<2	55
34+00N 74+75E	8	32	21	29	<.3	8	<1	224	5.16	<2	<5	<2	3	25	<.2	2	<2	175	.26	.017	5	65	.63	27	.27	<3	3.12	.01	.01	<2	14
34+00N 75+00E	7	67	20	65	<.3	15	5	441	5.55	<2	<5	<2	3	31	.3	3	<2	140	.42	.041	7	44	1.00	41	.24	<3	4.07	.01	.01	<2	33
34+00N 75+25E	9	71	23	58	<.3	15	3	356	6.54	6	<5	<2	3	28	.4	2	<2	192	.41	.035	3	67	.79	30	.33	3	4.74	.01	.01	<2	11
34+00N 75+50E	4	29	17	65	<.3	9	2	245	4.06	6	<5	<2	2	21	.3	5	<2	146	.24	.019	6	35	.52	37	.24	<3	3.85	.01	<.01	<2	15
34+00N 75+75E	6	49	20	46	<.3	10	2	269	4.99	5	5	<2	3	21	.2	<2	<2	173	.25	.023	4	53	.55	33	.25	<3	4.98	.01	.01	<2	9
34+00N 76+00E	5	28	20	48	<.3	12	3	301	3.79	12	<5	<2	3	24	<.2	5	<2	192	.29	.012	5	44	.72	31	.30	<3	3.61	.01	.01	<2	6
34+00N 76+25E	6	59	15	67	<.3	15	4	366	2.89	20	<5	<2	2	28	.3	2	<2	177	.34	.021	7	55	.93	40	.27	<3	5.92	.01	.01	<2	12
34+00N 76+50E	6	52	18	58	<.3	14	4	384	6.76	7	<5	<2	3	21	<.2	<2	<2	221	.25	.026	3	59	.84	32	.34	<3	4.55	.01	.01	<2	6
STANDARD C2/AU-S	21	58	44	142	6.2	70	34	1127	3.88	36	17	7	37	51	19.5	12	18	73	.53	.108	41	65	.98	192	.08	27	2.01	.06	.14	10	49

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
34+00N 77+50E	4	56	23	66	.5	19	7	418	9.02	42	<5	<2	3	17	<.2	<2	<2	298	.24	.027	4	75	.79	28	.38	<3	5.11	.01	.02	<2	7
34+00N 77+75E	3	49	14	62	<.3	14	5	379	7.25	35	<5	<2	3	12	<.2	<2	<2	222	.13	.032	6	46	.76	31	.33	<3	6.92	.01	.02	<2	3
34+00N 78+00E	5	20	27	40	.4	6	1	207	4.87	41	<5	<2	2	14	<.2	4	<2	165	.16	.014	5	30	.32	17	.16	<3	2.73	.01	.02	<2	4
34+00N 78+25E	6	26	29	41	<.3	9	<1	221	8.44	46	<5	<2	3	13	<.2	<2	<2	240	.17	.014	5	54	.41	18	.26	<3	3.15	.01	.02	<2	6
34+00N 78+50E	3	8	27	34	.4	6	2	217	4.73	190	<5	<2	<2	7	.3	4	<2	132	.08	.008	8	17	.39	23	.03	<3	2.63	.01	.03	<2	2
34+00N 78+75E	4	38	38	78	<.3	13	3	344	5.63	65	<5	<2	2	14	<.2	<2	<2	150	.17	.017	4	43	.67	27	.15	<3	3.58	.01	.03	<2	4
34+00N 79+00E	2	8	17	32	<.3	2	1	90	5.19	149	<5	<2	2	3	<.2	5	<2	129	.02	.009	10	6	.06	14	.01	<3	1.21	<.01	.05	<2	<1
34+00N 79+25E	4	30	20	57	.3	10	4	301	7.73	88	<5	<2	4	5	<.2	4	<2	156	.05	.024	8	44	.43	24	.03	<3	3.75	.01	.04	<2	5
34+00N 79+50E	4	42	21	63	<.3	15	5	369	7.45	52	<5	<2	3	14	<.2	<2	<2	222	.15	.027	4	59	.71	35	.20	<3	3.87	.01	.03	<2	4
RE 34+00N 79+50E	4	42	23	61	.5	15	5	357	7.31	50	9	<2	2	13	<.2	2	<2	217	.15	.027	4	58	.69	35	.20	<3	3.80	.01	.03	<2	1
34+00N 79+75E	4	29	17	49	<.3	14	3	331	6.65	54	<5	<2	2	22	<.2	2	<2	220	.27	.017	5	50	.61	23	.34	<3	2.67	.01	.02	<2	2

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

ACME ANALYTICAL LABORATORIES LTD. E. FINCH ST. VANCOUVER BC V6A 1R6 PH (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Kamaka Resources Ltd. File # 96-4005 Page 1

6074 - 45A Ave, Delta BC V4K 1M7

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
TL 57+50E 40+00N	3	32	20	52	<.3	8	3	270	4.56	25	<5	<2	2	12	<.2	<2	<2	144	.17	.016	7	41	.44	24	.20	<3	5.11	.01	.02	<2	6
TL 57+50E 39+75N	3	48	23	79	<.3	12	5	400	6.21	34	<5	<2	<2	14	<.2	<2	<2	158	.18	.016	4	50	.60	35	.23	<3	4.72	.02	.04	<2	8
TL 57+50E 39+50N	2	47	20	79	<.3	12	5	423	6.45	30	<5	<2	<2	13	<.2	<2	<2	138	.19	.011	5	41	.66	48	.21	<3	4.13	.02	.04	<2	20
TL 57+50E 39+25N	3	48	22	79	.3	12	5	373	5.22	24	<5	<2	2	15	<.2	<2	<2	141	.19	.013	5	46	.60	34	.23	<3	4.62	.02	.05	<2	7
TL 57+50E 39+00N	4	10	16	24	<.3	6	2	163	3.41	10	<5	<2	<2	10	<.2	<2	<2	182	.10	.009	5	23	.23	15	.18	<3	1.73	.01	.04	<2	1
TL 57+50E 38+87N	3	59	15	82	<.3	15	7	418	4.81	25	<5	<2	<2	18	<.2	4	<2	135	.23	.017	4	50	.71	38	.26	<3	5.50	.02	.03	<2	4
RE TL 57+50E 38+87N	4	60	14	84	<.3	15	7	429	4.91	21	<5	<2	<2	19	<.2	<2	<2	138	.24	.017	4	49	.73	39	.28	<3	5.53	.02	.03	<2	6
TL 57+50E 37+00N	3	51	17	98	<.3	14	6	389	4.16	24	<5	<2	<2	18	<.2	<2	<2	112	.27	.018	7	37	.66	41	.19	<3	4.86	.02	.03	<2	3
TL 57+50E 36+87N	2	45	22	76	<.3	14	7	419	5.02	28	<5	<2	<2	21	<.2	<2	<2	155	.26	.015	9	51	.83	38	.21	<3	5.18	.02	.04	<2	5
TL 57+50E 36+00N	2	39	20	68	.7	11	6	383	4.43	24	<5	<2	<2	15	<.2	<2	<2	126	.21	.021	6	42	.64	36	.22	<3	5.51	.01	.03	<2	15
TL 57+50E 35+75N	1	40	21	76	.4	11	6	433	6.29	29	<5	<2	<2	15	<.2	<2	<2	156	.17	.017	4	37	.66	41	.21	<3	4.76	.01	.06	<2	3
TL 57+50E 35+50N	3	61	20	63	<.3	15	7	421	4.23	9	<5	<2	<2	24	<.2	<2	<2	119	.29	.026	7	41	.82	34	.19	<3	5.03	.02	.03	<2	3
TL 57+50E 35+25N	<1	16	19	26	<.3	9	5	290	9.73	11	<5	<2	<2	12	<.2	<2	<2	184	.13	.006	7	39	.57	22	.11	<3	3.09	.01	.04	<2	2
TL 57+50E 34+00N	6	24	15	40	<.3	8	4	293	5.12	11	<5	<2	<2	17	<.2	2	<2	194	.19	.008	5	55	.62	29	.22	<3	3.95	.02	.04	<2	3
L45+00N 60+00E	2	97	16	77	<.3	14	6	400	5.57	43	<5	<2	2	18	<.2	<2	<2	160	.26	.021	6	57	.68	38	.24	<3	4.98	.02	.03	<2	11
L45+00N 60+50E	2	103	22	80	<.3	10	5	356	5.29	61	<5	<2	2	12	<.2	<2	<2	151	.17	.023	4	38	.61	29	.20	<3	5.83	.01	.03	<2	6
L45+00N 61+00E	4	75	17	67	<.3	10	5	333	6.06	31	<5	<2	2	12	<.2	<2	<2	171	.15	.021	4	51	.53	28	.24	<3	6.13	.01	.03	<2	5
L45+00N 61+50E	3	103	15	89	<.3	13	6	366	5.03	58	<5	<2	<2	14	<.2	<2	<2	158	.19	.013	4	52	.63	30	.23	<3	6.03	.01	.03	<2	23
L45+00N 62+00E	6	117	16	64	<.3	8	3	289	7.47	45	7	<2	3	12	<.2	2	<2	219	.15	.019	5	53	.48	23	.35	5	4.32	.01	.03	<2	4
L45+00N 62+50E	3	74	40	51	.4	8	3	300	2.19	77	<5	<2	<2	16	<.2	<2	<2	161	.20	.011	9	30	.59	29	.10	<3	3.65	.01	.03	<2	5
L45+00N 63+00E	2	64	21	80	<.3	13	4	336	2.25	59	<5	<2	2	18	<.2	2	<2	120	.27	.014	8	48	.65	36	.21	4	4.97	.02	.02	<2	37
L45+00N 63+50E	3	39	25	73	<.3	14	5	365	5.47	63	<5	<2	2	15	<.2	3	<2	159	.21	.018	3	65	.55	26	.27	<3	6.74	.01	.03	<2	4
L45+00N 64+00E	3	53	25	72	<.3	13	5	345	7.49	84	<5	<2	2	14	<.2	2	<2	233	.19	.012	4	76	.50	23	.29	<3	4.85	.01	.03	<2	5
L43+00N 60+50E	2	102	18	51	<.3	11	4	266	2.82	34	<5	<2	<2	13	<.2	<2	<2	149	.18	.021	6	46	.83	34	.26	5	6.22	.02	.05	<2	8
L43+00N 61+00E	1	14	27	12	<.3	2	<1	138	.58	7	<5	<2	<2	11	<.2	<2	<2	56	.11	.004	7	13	.10	13	.12	<3	1.53	.01	.02	<2	50
L43+00N 61+90E	<1	28	17	51	<.3	8	3	307	1.29	42	<5	<2	<2	19	<.2	<2	<2	68	.32	.020	8	25	.46	40	.13	<3	2.59	.02	.02	<2	8
L43+00N 62+50E	2	12	20	22	<.3	4	1	149	2.28	33	<5	<2	<2	14	<.2	<2	<2	134	.18	.007	6	28	.18	15	.19	<3	2.43	.01	.02	<2	35
L43+00N 63+00E	1	6	23	14	<.3	2	<1	132	.78	21	<5	<2	<2	11	<.2	<2	<2	95	.12	.005	7	17	.12	15	.18	<3	1.33	.01	.02	<2	6
L43+00N 63+50E	2	31	16	49	<.3	8	4	253	6.64	62	<5	<2	2	10	<.2	<2	<2	186	.14	.013	5	41	.47	19	.24	<3	4.63	.01	.03	<2	3
L43+00N 64+00E	1	17	22	39	<.3	6	3	265	4.01	55	<5	<2	<2	13	<.2	<2	<2	179	.17	.007	6	29	.30	18	.21	3	2.28	.01	.03	<2	2
L43+00N 64+50E	2	36	19	55	<.3	7	4	263	5.83	56	<5	<2	<2	13	<.2	<2	<2	165	.16	.011	5	39	.36	20	.18	<3	3.58	.01	.02	<2	10
L43+00N 65+00E	3	46	16	56	<.3	11	5	287	4.79	35	5	<2	2	12	<.2	2	2	184	.16	.020	6	67	.54	21	.23	<3	6.05	.01	.02	<2	4
L43+00N 65+50E	3	39	22	69	<.3	10	5	268	7.23	88	<5	<2	<2	11	<.2	<2	<2	209	.14	.015	4	63	.42	22	.24	<3	4.80	.01	.03	<2	2
L43+00N 67+00E	3	49	39	81	.4	13	6	309	1.83	48	<5	<2	<2	23	.2	2	<2	145	.31	.015	7	39	.66	61	.18	3	3.95	.02	.03	<2	6
L43+00N 67+50E	3	53	26	60	<.3	13	6	333	5.45	62	<5	<2	<2	16	<.2	<2	<2	146	.22	.017	6	49	.64	24	.21	<3	5.41	.01	.02	<2	3
STANDARD C2/AU-S	19	59	39	131	6.0	70	35	1132	3.91	41	18	8	35	50	19.5	20	16	72	.52	.102	42	69	.97	185	.07	33	2.07	.08	.16	10	42

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 TO P5 SOIL P6 PAN CONC. P7 ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 26 1996 DATE REPORT MAILED: Sept 5/96 SIGNED BY. D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L43+00N 68+65E	2	31	32	65	<.3	12	5	325	5.38	76	<5	<2	2	17	<.2	2	<2	190	.24	.007	7	41	.57	35	.18	<3	3.44	.01	.03	<2	29
L43+00N 69+00E	2	36	33	66	.6	11	4	288	3.77	69	<5	<2	2	15	<.2	2	<2	142	.22	.011	5	41	.45	29	.18	<3	4.16	.01	.03	<2	17
L43+00N 69+50E	1	44	28	84	.3	17	7	452	5.63	65	<5	<2	2	15	<.2	<2	<2	166	.22	.023	5	53	.60	36	.20	<3	5.05	.01	.03	<2	6
L43+00N 70+00E	1	33	26	54	.4	12	3	236	2.06	30	<5	<2	2	16	<.2	<2	<2	115	.21	.014	6	35	.44	29	.17	<3	3.86	.01	.03	<2	5
L40+00N 70+25E	4	22	32	29	1.3	4	2	154	3.41	127	<5	<2	3	12	<.2	<2	<2	117	.12	.010	9	31	.22	26	.08	<3	3.65	.01	.04	<2	10
L40+00N 70+50E	2	19	24	24	.6	3	1	107	2.38	183	<5	<2	<2	10	<.2	<2	<2	103	.12	.006	7	21	.10	18	.07	<3	3.05	.01	.02	<2	10
L40+00N 70+75E	3	9	31	23	<.3	3	1	133	3.94	304	<5	<2	<2	11	<.2	<2	<2	167	.12	.006	10	17	.20	19	.09	<3	2.07	.01	.04	<2	6
L40+00N 71+00E	2	36	29	116	<.3	13	5	411	3.95	380	<5	<2	<2	20	<.2	<2	<2	127	.28	.017	9	36	.86	31	.17	<3	3.61	.01	.04	<2	12
L40+00N 71+25E	2	14	22	24	<.3	3	2	164	4.05	128	<5	<2	<2	7	<.2	<2	<2	135	.08	.008	8	19	.15	12	.05	<3	2.27	.01	.03	<2	9
L40+00N 71+50E	2	7	10	37	<.3	1	1	214	2.12	52	<5	<2	<2	4	<.2	<2	<2	49	.03	.007	12	6	.05	15	.01	<3	1.59	.01	.06	<2	10
L40+00N 71+75E	3	21	54	97	<.3	8	3	271	3.40	375	<5	<2	2	12	<.2	<2	<2	118	.17	.009	9	23	.41	31	.08	<3	2.61	.01	.04	<2	37
L40+00N 72+00E	3	37	45	60	<.3	8	3	285	5.31	236	<5	<2	2	11	<.2	<2	<2	157	.13	.013	6	44	.29	30	.11	<3	4.09	.01	.04	<2	10
L40+00N 72+25E	3	51	59	132	.6	12	6	353	4.29	281	8	<2	3	14	.2	5	<2	126	.18	.015	6	39	.53	37	.09	<3	4.14	.01	.04	<2	13
L40+00N 72+50E	2	47	29	96	<.3	15	6	388	5.15	114	<5	<2	2	13	<.2	<2	<2	169	.19	.016	5	50	.55	47	.14	<3	5.65	.01	.04	<2	4
L40+00N 72+75E	2	25	31	54	<.3	8	4	262	6.15	73	<5	<2	2	12	<.2	<2	<2	170	.17	.010	6	39	.34	26	.12	<3	3.37	.01	.03	<2	22
L40+00N 73+00E	3	16	34	36	<.3	5	2	185	5.24	150	<5	<2	2	7	<.2	3	<2	172	.09	.008	9	25	.21	21	.08	<3	2.38	.01	.06	<2	4
L40+00N 73+50E	2	58	22	88	<.3	22	4	401	4.02	261	<5	<2	<2	33	<.2	<2	<2	162	.38	.014	6	70	.88	50	.29	<3	4.58	.02	.04	<2	7
L40+00N 73+75E	3	19	26	88	.3	12	4	322	4.84	207	<5	<2	<2	11	<.2	4	<2	127	.13	.011	8	31	.53	23	.05	<3	2.37	.01	.04	<2	4
L40+00N 74+00E	5	22	23	42	<.3	6	2	187	5.65	231	<5	<2	<2	13	<.2	2	<2	186	.15	.010	6	28	.24	16	.20	<3	1.79	.01	.04	<2	20
L40+00N 74+25E	2	27	28	60	.4	10	4	262	3.85	140	<5	<2	<2	16	<.2	<2	<2	146	.24	.012	8	44	.45	28	.12	<3	3.78	.01	.03	<2	6
RE L40+00N 74+25E	1	27	32	58	<.3	11	4	257	3.93	137	<5	<2	<2	17	<.2	<2	<2	149	.24	.011	8	46	.44	29	.12	<3	3.79	.02	.04	<2	6
L40+00N 74+50E	4	39	17	76	<.3	16	4	335	4.55	76	<5	<2	2	24	<.2	<2	<2	142	.33	.014	7	51	.64	41	.22	<3	4.81	.02	.04	<2	11
L40+00N 74+75E	2	8	24	63	<.3	5	2	180	1.73	118	<5	<2	<2	16	<.2	<2	<2	77	.17	.008	9	26	.28	25	.07	<3	2.15	.01	.05	<2	4
L40+00N 75+00E	3	40	18	60	<.3	12	3	287	4.92	23	<5	<2	2	20	<.2	<2	<2	206	.28	.014	8	63	.56	27	.30	<3	4.92	.01	.03	<2	5
L40+00N 75+25E	3	45	14	84	<.3	15	4	302	2.65	30	<5	<2	<2	22	<.2	<2	<2	149	.31	.020	8	58	.61	39	.23	3	5.72	.02	.03	<2	6
L40+00N 75+75E	1	22	13	272	<.3	15	3	313	1.24	24	<5	<2	<2	32	.4	2	<2	71	.49	.019	6	32	.59	56	.18	4	2.46	.03	.03	<2	3
L40+00N 76+00E	3	42	20	127	<.3	16	4	362	1.66	20	<5	<2	<2	31	.4	3	<2	110	.37	.019	7	44	.83	54	.22	3	4.26	.02	.03	<2	9
L40+00N 76+25E	5	11	27	131	<.3	9	4	522	4.70	46	<5	<2	2	14	<.2	<2	<2	148	.16	.007	6	32	.56	26	.10	<3	3.63	.02	.05	<2	3
L40+00N 76+50E	3	33	24	73	<.3	14	3	274	6.65	60	<5	<2	2	20	<.2	<2	<2	189	.28	.011	5	58	.51	34	.26	<3	3.88	.02	.03	<2	5
L40+00N 76+75E	2	54	25	79	<.3	22	4	358	2.30	21	<5	<2	<2	27	<.2	<2	<2	164	.40	.015	7	60	.79	56	.26	<3	4.77	.02	.03	<2	8
L40+00N 77+50E	4	26	16	38	<.3	11	3	284	3.92	9	<5	<2	<2	24	<.2	<2	<2	178	.31	.013	7	67	.62	25	.24	<3	3.73	.02	.03	<2	7
L40+00N 77+75E	2	32	22	40	<.3	12	2	286	1.33	4	<5	<2	<2	23	<.2	<2	<2	166	.29	.008	6	56	.60	28	.30	<3	2.84	.02	.03	<2	6
L40+00N 78+00E	2	28	15	41	.5	12	2	251	1.68	6	<5	<2	<2	23	<.2	<2	<2	140	.30	.014	5	45	.53	26	.21	<3	2.52	.02	.03	<2	7
L40+00N 78+25E	<1	99	34	102	.5	27	7	390	2.76	26	6	<2	2	27	<.2	3	<2	137	.45	.016	7	50	.86	73	.19	4	4.83	.02	.03	<2	7
L40+00N 78+50E	7	31	31	37	<.3	9	2	211	3.77	64	<5	<2	<2	18	<.2	<2	<2	176	.24	.014	8	39	.36	23	.17	<3	3.24	.01	.03	<2	6
STANDARD C2/AU-S	19	57	37	133	5.9	71	35	1134	3.85	44	19	7	36	49	19.4	19	17	72	.51	.101	41	64	.99	182	.07	32	2.06	.07	.16	11	47

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

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
L40+00N 78+75E	3	56	31	75	<.3	17	5	334	4.46	37	<5	<2	<2	21	<.2	<2	<2	161	.32	.025	5	43	.55	38	.21	<3	5.75	.02	.02	<2	7
L40+00N 79+25E	3	6	141	10	.5	2	1	60	1.46	283	<5	<2	<2	13	<.2	<2	<2	50	.12	.011	9	10	.06	14	.04	<3	1.31	.01	.03	<2	6
L40+00N 79+50E	1	4	59	9	.7	3	<1	95	.64	20	<5	<2	<2	16	<.2	<2	<2	70	.15	.008	4	15	.08	15	.11	<3	1.31	.01	.02	<2	5
L40+00N 79+75E	2	15	23	24	.4	5	3	157	2.03	17	<5	<2	<2	12	<.2	<2	<2	126	.14	.013	7	21	.28	18	.08	<3	2.61	.01	.02	<2	5
L40+00N 80+00E	4	53	15	73	.3	17	7	399	7.30	49	<5	<2	2	20	<.2	<2	<2	186	.29	.017	3	55	.65	39	.25	<3	5.43	.01	.03	<2	11
L37+00N 57+75E	4	40	19	68	<.3	14	5	379	3.51	23	<5	<2	<2	23	<.2	<2	<2	139	.30	.018	8	40	.73	33	.19	<3	4.25	.01	.03	<2	6
L37+00N 58+00E	3	57	12	93	<.3	16	7	440	4.51	33	<5	<2	<2	20	<.2	<2	<2	128	.24	.025	5	33	.76	46	.24	<3	4.87	.02	.04	<2	9
RE L37+00N 58+00E	4	54	14	92	<.3	15	6	440	4.34	33	<5	<2	<2	20	<.2	2	<2	126	.24	.026	5	32	.75	45	.24	<3	4.72	.02	.03	<2	7
L37+00N 58+25E	3	31	20	59	<.3	10	5	295	3.98	17	<5	<2	<2	14	<.2	<2	<2	133	.18	.017	7	25	.51	28	.12	<3	3.95	.01	.03	<2	7
L37+00N 58+75E	3	32	15	62	<.3	10	4	339	2.27	20	<5	<2	<2	14	<.2	2	2	185	.20	.009	6	31	.65	25	.23	3	4.19	.01	.04	<2	132
L37+00N 59+00E	2	42	19	46	.5	10	3	251	4.33	20	<5	<2	<2	14	<.2	<2	<2	155	.15	.017	7	51	.51	18	.22	<3	4.46	.01	.03	<2	8
L37+00N 59+25E	3	54	13	60	.3	11	4	289	5.30	21	<5	<2	<2	12	<.2	<2	<2	140	.15	.019	5	44	.49	24	.22	<3	6.42	.01	.03	<2	9
L37+00N 59+40E	2	27	19	74	<.3	7	4	331	4.27	72	<5	<2	<2	9	<.2	<2	<2	98	.09	.011	10	17	.45	39	.03	<3	2.78	.01	.05	<2	16
L37+00N 60+25E	4	27	19	49	<.3	8	5	257	5.14	35	<5	<2	<2	11	<.2	<2	<2	172	.12	.009	5	36	.39	24	.12	<3	3.83	.01	.03	<2	7
L37+00N 60+50E	2	21	18	55	<.3	8	3	295	3.71	25	<5	<2	<2	12	<.2	<2	<2	135	.16	.009	6	25	.48	26	.19	<3	3.47	.01	.04	<2	6
L37+00N 60+75E	4	30	20	48	<.3	9	3	294	4.60	24	<5	<2	<2	15	<.2	2	<2	177	.17	.013	7	38	.53	30	.21	3	3.92	.01	.04	<2	6
L37+00N 61+00E	2	10	17	27	<.3	4	1	140	4.30	22	<5	<2	<2	10	<.2	<2	<2	154	.10	.012	5	20	.17	12	.17	<3	2.05	.01	.03	<2	4
L37+00N 61+25E	2	4	23	16	<.3	3	<1	142	2.19	10	<5	<2	<2	11	<.2	<2	<2	131	.13	.003	6	14	.17	15	.16	<3	1.99	.01	.03	<2	11
L37+00N 61+50E	3	17	22	35	<.3	6	3	213	3.72	22	<5	<2	<2	12	<.2	<2	<2	154	.13	.010	6	21	.37	21	.14	<3	2.82	.01	.04	<2	5
L37+00N 61+75E	4	42	10	63	<.3	46	13	474	6.46	10	<5	<2	<2	8	<.2	<2	<2	174	.07	.021	2	82	1.49	25	.23	<3	6.39	.01	.03	<2	4
L37+00N 62+00E	4	30	17	56	<.3	10	4	306	6.83	32	<5	<2	<2	11	<.2	2	<2	189	.15	.015	3	43	.45	21	.25	<3	3.86	.01	.03	<2	6
L37+00N 62+25E	2	14	27	55	<.3	7	2	343	3.94	23	<5	<2	<2	10	<.2	<2	<2	116	.14	.006	5	15	.60	37	.20	<3	3.30	.01	.04	<2	3
L37+00N 62+50E	2	25	19	65	<.3	9	5	376	2.13	17	<5	<2	<2	11	<.2	2	<2	141	.15	.010	6	24	.71	37	.09	3	4.74	.01	.04	<2	7
L37+00N 62+75E	1	24	17	71	<.3	10	6	400	2.51	16	<5	<2	<2	15	<.2	<2	<2	111	.19	.009	5	27	.77	48	.11	<3	4.13	.01	.03	<2	4
L37+00N 63+00E	3	29	16	69	<.3	9	3	337	6.13	26	<5	<2	<2	9	<.2	<2	<2	183	.12	.012	4	40	.49	21	.19	<3	4.93	.01	.03	<2	28
L37+00N 63+75E	5	48	18	55	<.3	13	4	380	6.10	14	<5	<2	2	16	<.2	2	<2	154	.19	.020	4	61	.68	24	.26	<3	4.17	.02	.04	<2	9
L37+00N 64+00E	1	30	15	76	<.3	9	3	340	4.50	28	<5	<2	<2	14	<.2	<2	<2	135	.18	.015	6	35	.53	22	.22	<3	3.86	.01	.03	<2	15
L37+00N 64+25E	3	70	17	65	<.3	22	5	380	4.28	6	<5	<2	<2	29	<.2	<2	<2	137	.34	.016	6	57	.82	62	.25	<3	4.31	.02	.03	<2	9
L37+00N 64+50E	3	29	26	45	<.3	12	2	282	7.12	22	<5	<2	2	18	<.2	5	<2	195	.22	.010	4	55	.54	24	.36	<3	2.48	.01	.03	<2	3
L37+00N 64+75E	4	61	18	84	<.3	14	6	347	5.61	16	<5	<2	2	14	.3	<2	<2	167	.16	.024	3	62	.58	28	.21	<3	6.31	.01	.03	<2	5
L37+00N 65+00E	5	42	19	56	<.3	15	5	387	8.38	21	<5	<2	2	13	<.2	3	<2	231	.15	.018	4	65	.74	20	.36	5	3.81	.01	.04	<2	6
L36+00N 58+25E	3	19	13	21	<.3	5	3	165	5.82	12	<5	<2	<2	11	<.2	<2	<2	275	.12	.007	6	41	.27	12	.24	<3	3.05	.01	.03	<2	3
L36+00N 58+50E	3	70	25	91	<.3	13	8	507	5.13	28	<5	<2	<2	13	.2	<2	<2	125	.16	.033	5	27	.85	47	.21	<3	6.06	.01	.05	<2	5
L36+00N 58+75E	2	45	13	64	<.3	14	5	366	4.05	20	<5	<2	<2	18	<.2	<2	<2	123	.22	.018	5	35	.65	33	.23	<3	4.82	.02	.03	<2	12
L36+00N 59+00E	4	28	15	30	<.3	8	2	236	3.36	8	<5	<2	<2	18	<.2	<2	<2	145	.21	.012	5	40	.39	24	.22	<3	3.30	.01	.02	<2	6
STANDARD C2/AU-S	19	57	37	132	6.1	71	35	1118	3.93	42	18	7	35	51	19.6	18	16	70	.50	.104	40	63	.97	175	.07	31	2.04	.06	.17	11	47

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

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
L36+00N 59+25E	2	31	15	49	<.3	10	4	300	5.30	23	<5	<2	<2	15	<.2	<2	<2	150	.19	.013	3	35	.52	24	.22	<3	4.22	.01	.03	<2	4
L36+00N 59+50E	4	39	17	42	<.3	11	3	259	2.78	15	<5	<2	2	20	<.2	2	<2	124	.23	.017	5	41	.53	31	.19	4	4.28	.02	.03	<2	6
L36+00N 59+75E	2	21	18	33	<.3	6	2	211	3.94	16	<5	<2	<2	15	<.2	<2	<2	154	.17	.009	4	28	.33	21	.18	<3	3.47	.01	.03	<2	9
L36+00N 60+00E	3	25	25	53	<.3	8	3	295	4.42	28	<5	<2	2	16	<.2	4	<2	149	.17	.010	5	26	.43	26	.19	<3	3.44	.01	.04	<2	35
L36+00N 60+25E	5	41	17	62	<.3	13	5	400	6.71	18	<5	<2	2	17	<.2	<2	<2	180	.22	.019	4	49	.71	28	.29	3	3.95	.01	.03	<2	7
L36+00N 60+50E	5	29	21	34	<.3	7	2	252	6.31	18	<5	<2	2	14	<.2	2	<2	189	.16	.013	4	49	.42	21	.23	<3	3.35	.01	.03	<2	3
L36+00N 60+75E	1	34	23	56	<.3	10	3	287	5.99	40	<5	<2	2	13	<.2	3	<2	169	.15	.012	4	43	.43	23	.22	<3	3.66	.01	.03	<2	8
L36+00N 61+00E	3	28	14	47	<.3	9	3	284	4.30	30	<5	<2	<2	14	<.2	<2	<2	136	.17	.015	4	31	.44	25	.20	<3	4.32	.01	.03	<2	5
L36+00N 61+25E	3	32	19	46	<.3	9	3	273	4.91	18	<5	<2	<2	14	<.2	<2	<2	136	.17	.014	3	34	.48	24	.19	<3	4.21	.01	.02	<2	6
L36+00N 61+50E	4	37	20	54	<.3	11	4	356	4.99	21	<5	<2	<2	21	<.2	<2	<2	137	.25	.015	6	40	.66	27	.21	<3	3.74	.01	.03	<2	3
L36+00N 61+75E	3	49	18	64	<.3	14	6	416	5.41	23	<5	<2	<2	20	<.2	<2	<2	149	.23	.016	4	44	.79	32	.25	<3	4.30	.02	.03	<2	5
L36+00N 62+00E	5	45	19	55	<.3	13	4	350	4.82	20	<5	<2	2	21	<.2	<2	<2	145	.23	.017	4	46	.70	30	.24	<3	4.71	.01	.03	<2	9
L36+00N 62+25E	2	30	21	55	<.3	12	3	320	4.04	25	<5	<2	<2	21	<.2	<2	<2	138	.25	.014	7	36	.61	30	.21	<3	3.93	.01	.03	<2	19
L36+00N 62+50E	3	43	12	56	<.3	12	5	319	5.59	17	<5	<2	2	15	<.2	<2	<2	158	.17	.017	3	47	.58	27	.22	<3	5.20	.01	.03	<2	6
L36+00N 63+25E	4	10	47	44	<.3	10	3	369	5.43	17	<5	<2	<2	15	<.2	2	<2	241	.16	.005	5	35	.74	21	.24	<3	3.24	.01	.04	<2	3
L36+00N 63+50E	3	35	22	94	<.3	12	4	394	3.93	23	<5	<2	2	15	<.2	<2	<2	122	.17	.011	4	33	.74	33	.22	<3	4.55	.01	.03	<2	6
RE L36+00N 63+50E	3	35	19	96	<.3	12	4	404	3.91	25	<5	<2	2	15	<.2	3	2	122	.17	.012	5	33	.75	32	.22	3	4.66	.01	.03	<2	12
L36+00N 64+00E	3	15	17	24	<.3	4	1	129	4.66	15	<5	<2	<2	10	<.2	<2	<2	179	.12	.007	5	32	.21	17	.19	<3	2.38	.01	.03	<2	3
L36+00N 64+25E	2	19	13	49	<.3	4	2	185	6.78	20	<5	<2	<2	9	<.2	2	<2	242	.11	.010	4	26	.19	18	.22	<3	2.47	.01	.03	<2	5
L36+00N 64+50E	5	38	18	54	<.3	10	4	308	6.59	14	<5	<2	2	17	<.2	<2	<2	180	.20	.030	3	59	.58	23	.25	4	4.66	.01	.03	<2	8
L36+00N 65+00E	4	54	15	81	<.3	16	5	341	5.74	26	<5	<2	2	19	<.2	<2	<2	163	.23	.012	4	49	.63	43	.24	<3	5.94	.02	.03	<2	6
L36+00N 65+25E	3	23	21	50	.3	9	2	263	3.97	28	<5	<2	<2	15	<.2	<2	<2	215	.19	.006	6	39	.52	24	.23	<3	3.70	.01	.03	<2	6
L36+00N 65+50E	3	60	19	103	<.3	14	5	356	4.78	26	<5	<2	2	17	<.2	<2	<2	155	.21	.016	4	47	.73	32	.23	<3	5.38	.01	.03	<2	13
L36+00N 65+75E	3	63	14	227	<.3	14	6	411	5.99	30	<5	<2	<2	14	.2	<2	<2	168	.17	.019	3	40	.69	34	.21	<3	6.13	.01	.03	<2	9
L36+00N 66+00E	2	42	21	99	<.3	14	4	367	5.04	38	<5	<2	<2	18	<.2	2	<2	157	.23	.014	4	37	.66	33	.28	<3	4.28	.01	.03	<2	6
L36+00N 66+25E	3	24	18	113	<.3	10	4	313	4.42	23	<5	<2	2	17	<.2	2	<2	146	.23	.008	4	36	.57	26	.23	<3	3.56	.01	.03	<2	10
L36+00N 66+50E	3	35	17	50	<.3	8	3	237	4.05	22	<5	<2	<2	15	<.2	<2	<2	147	.18	.016	4	36	.39	21	.21	<3	4.48	.01	.02	<2	7
L36+00N 66+75E	4	40	25	74	<.3	14	5	401	5.53	25	<5	<2	2	19	<.2	<2	<2	160	.25	.015	5	40	.71	30	.32	<3	3.78	.01	.03	<2	6
L36+00N 68+75E	4	50	27	84	<.3	14	4	368	4.69	53	<5	<2	2	22	<.2	4	<2	146	.31	.021	4	42	.68	28	.26	<3	3.64	.02	.03	<2	40
L36+00N 69+00E	3	35	20	53	<.3	11	3	311	5.80	36	<5	<2	2	16	<.2	<2	<2	179	.21	.013	4	48	.49	31	.28	<3	4.41	.01	.03	<2	4
L36+00N 69+25E	4	44	19	52	<.3	10	4	308	5.20	31	<5	<2	2	18	<.2	<2	<2	164	.23	.018	4	40	.56	28	.25	<3	5.03	.01	.03	<2	8
L36+00N 69+50E	2	79	82	87	<.3	17	6	500	7.01	35	<5	<2	3	17	<.2	2	<2	163	.22	.013	4	53	.96	40	.35	5	4.88	.02	.06	<2	15
L36+00N 69+75E	3	61	25	64	.3	14	5	345	4.92	32	<5	<2	2	17	<.2	<2	<2	143	.22	.017	5	42	.65	31	.23	<3	5.31	.01	.02	<2	7
L36+00N 70+00E	4	83	44	77	<.3	10	4	352	6.53	41	<5	<2	3	12	<.2	<2	<2	158	.14	.018	4	35	.58	25	.24	<3	5.23	.01	.03	<2	5
L36+00N 70+25E	2	48	30	66	.3	13	3	379	5.55	46	<5	<2	<2	20	<.2	3	<2	168	.25	.011	6	39	.65	35	.30	<3	3.39	.01	.04	<2	6
STANDARD C2/AU-S	19	57	38	132	5.9	71	35	1135	3.91	44	19	7	35	50	19.8	18	16	72	.52	.103	41	60	.98	185	.07	31	2.09	.07	.15	11	44

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

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
L36+00N 70+50E	3	41	24	42	<.3	10	3	283	6.40	28	<5	<2	<2	17	<.2	3	<2	201	.21	.013	7	42	.45	20	.29	5	3.58	.01	.03	<2	1
L36+00N 70+75E	3	60	25	74	<.3	19	6	410	3.97	20	<5	<2	<2	22	<.2	2	<2	150	.28	.020	6	51	.92	49	.25	<3	5.68	.02	.03	<2	1
L36+00N 71+00E	3	25	24	29	<.3	6	1	193	5.10	17	<5	<2	<2	18	<.2	<2	<2	187	.22	.009	4	35	.33	18	.29	<3	2.93	.01	.02	<2	4
L36+00N 71+25E	5	40	21	108	<.3	15	5	346	5.41	23	<5	<2	<2	20	<.2	<2	<2	176	.24	.015	5	45	.65	42	.23	<3	4.33	.02	.03	<2	18
L36+00N 71+50E	4	37	22	84	<.3	10	4	294	6.19	13	<5	<2	2	18	<.2	<2	<2	182	.22	.016	5	50	.56	24	.24	<3	3.87	.01	.03	<2	3
L36+00N 71+75E	3	22	19	35	<.3	7	2	216	5.37	9	<5	<2	<2	17	<.2	<2	<2	220	.19	.011	5	41	.36	22	.24	<3	2.87	.01	.03	<2	6
L36+00N 72+25E	2	17	20	36	<.3	7	1	201	2.35	19	<5	<2	<2	19	<.2	<2	<2	165	.22	.010	6	30	.45	22	.17	<3	3.10	.01	.03	<2	4
L36+00N 72+75E	4	18	22	127	.8	10	4	289	2.96	175	<5	<2	<2	19	<.2	<2	<2	138	.22	.016	7	29	.55	34	.12	<3	3.28	.01	.04	<2	1
L36+00N 73+50E	4	46	12	67	.3	13	4	292	3.32	27	<5	<2	<2	19	<.2	<2	<2	161	.21	.020	4	49	.67	33	.24	<3	5.59	.02	.03	<2	13
L36+00N 74+25E	4	39	17	55	<.3	12	5	347	5.02	590	<5	<2	<2	18	<.2	<2	<2	138	.21	.022	5	40	.64	28	.20	<3	4.40	.01	.03	<2	7
RE L36+00N 74+25E	4	39	17	55	<.3	11	6	349	4.96	581	<5	<2	<2	17	<.2	2	<2	138	.21	.023	5	36	.63	27	.19	<3	4.40	.01	.03	<2	5
L36+00N 74+50E	2	28	17	47	.3	10	4	289	5.48	50	<5	<2	<2	15	<.2	<2	<2	166	.19	.019	4	43	.43	26	.22	<3	3.58	.01	.03	<2	2
L36+00N 74+75E	1	17	15	56	<.3	5	4	200	4.16	68	<5	<2	<2	10	<.2	<2	<2	154	.08	.015	7	20	.26	20	.08	<3	2.94	.01	.02	<2	1
L36+00N 75+00E	1	25	19	66	<.3	11	5	329	5.49	66	<5	<2	<2	14	<.2	<2	<2	156	.15	.015	5	35	.54	80	.18	<3	4.25	.01	.03	<2	<1
L36+00N 75+50E	3	9	19	20	<.3	4	2	115	3.20	45	<5	<2	<2	9	<.2	2	<2	152	.10	.007	6	18	.20	14	.12	<3	2.27	.01	.02	<2	8
L36+00N 75+75E	3	8	74	41	1.6	3	1	109	1.91	369	<5	<2	2	10	<.2	<2	<2	79	.11	.007	8	16	.18	15	.05	<3	2.62	.01	.03	<2	6
L36+00N 77+25E	4	17	115	72	.3	9	3	266	2.58	423	<5	<2	2	16	<.2	5	<2	119	.18	.008	6	27	.56	23	.11	<3	2.96	.01	.03	<2	59
L36+00N 77+50E	3	24	45	54	.6	7	3	188	4.77	743	<5	<2	<2	12	<.2	<2	<2	126	.13	.017	7	34	.29	20	.08	<3	4.00	.01	.03	<2	19
L36+00N 77+75E	2	8	27	18	.4	2	1	78	2.88	185	<5	<2	<2	4	<.2	<2	<2	70	.04	.010	6	12	.07	10	.04	<3	1.68	.01	.04	<2	3
L36+00N 78+00E	2	26	23	99	<.3	10	4	337	6.21	91	<5	<2	3	7	<.2	<2	<2	136	.08	.015	5	35	.47	31	.06	<3	4.47	.01	.04	<2	<1
L36+00N 78+25E	2	52	26	74	<.3	17	6	422	5.58	58	<5	<2	2	19	<.2	3	<2	167	.25	.025	4	48	.70	33	.31	5	5.20	.01	.03	<2	4
L36+00N 78+50E	3	41	21	52	<.3	13	3	336	6.88	56	<5	<2	2	15	<.2	<2	<2	212	.20	.018	4	56	.53	27	.31	3	4.17	.01	.02	<2	1
L36+00N 78+75E	5	48	39	71	<.3	16	5	326	3.92	59	<5	<2	2	18	<.2	2	<2	139	.25	.033	6	59	.66	33	.23	<3	7.32	.01	.02	<2	3
L36+00N 79+00E	3	30	37	55	<.3	14	3	265	5.05	60	<5	<2	<2	18	<.2	3	<2	165	.25	.014	5	47	.52	27	.23	<3	3.24	.01	.02	<2	2
L36+00N 79+25E	4	42	24	63	<.3	15	5	346	4.10	24	<5	<2	<2	21	<.2	<2	<2	162	.25	.016	5	53	.76	35	.21	<3	5.44	.01	.02	<2	5
L36+00N 79+37E	1	25	23	34	<.3	7	7	278	7.27	40	<5	<2	<2	8	<.2	<2	<2	164	.12	.013	5	26	.48	22	.09	<3	4.02	.01	.05	<2	<1
L36+00N 79+75E	3	42	34	56	.3	13	4	297	3.27	16	<5	<2	<2	20	<.2	2	<2	148	.28	.020	5	41	.69	30	.21	<3	4.01	.01	.03	<2	11
L36+00N 80+00E	1	46	10	47	<.3	21	6	410	7.17	19	<5	<2	<2	14	<.2	2	<2	264	.20	.022	3	98	1.01	21	.42	3	4.79	.02	.02	<2	<1
STANDARD C2/AU-S	21	58	42	135	6.0	71	35	1132	3.92	45	15	6	34	50	19.8	16	16	71	.52	.107	40	64	.98	185	.06	28	2.08	.07	.15	10	47

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

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
648455 H	<1	58	13	94	<.3	15	16	1025	7.34	14	<5	<2	<2	46	<.2	2	<2	248	.81	.019	4	36	1.10	36	.24	3	2.04	.05	.08	<2	427
648456 H	1	42	23	195	.9	14	22	1250	11.98	47	<5	3	<2	46	<.2	<2	<2	515	.87	.018	4	44	.79	41	.32	<3	1.62	.05	.08	<2	17600
648457 H	<1	49	16	290	30.3	17	19	1226	16.29	62	<5	134	<2	58	<.2	<2	<2	600	1.31	.014	5	54	.57	30	.47	4	1.44	.05	.08	<2	72800
648458 H	<1	17	13	67	.5	10	6	1057	4.29	25	<5	3	<2	77	<.2	2	<2	148	1.13	.010	4	23	.63	34	.50	<3	1.67	.09	.08	<2	2360
648459 H	1	32	16	88	.5	12	11	696	5.92	168	<5	<2	<2	62	<.2	<2	<2	155	1.22	.012	4	23	.54	32	.22	<3	1.42	.06	.07	<2	1840
RE 648456 H	1	45	25	198	3.2	14	22	1270	12.32	48	<5	42	<2	48	<.2	3	<2	518	.89	.018	4	47	.79	42	.33	<3	1.66	.06	.09	<2	17400

Sample type: PAN CONC.. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Rx 5
+ splits

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
648453 H	7	22	24	32	<.3	7	26	541	6.76	<2	5	<2	<2	22	<.2	2	<2	54	.95	.090	3	5	.91	36	.10	4	1.48	.11	.11	<2	<1
648454 H	5	71	6	46	<.3	10	20	696	6.31	<2	<5	<2	<2	25	<.2	<2	<2	61	.95	.093	5	8	1.08	36	.01	<3	1.75	.10	.17	<2	<1
648460 H	2	14	6	47	<.3	3	6	865	2.84	7	<5	<2	<2	28	<.2	<2	<2	12	1.78	.060	7	5	.40	52	<.01	<3	.83	.05	.17	<2	1
648461 H	2	12	4	67	<.3	7	7	415	2.57	12	<5	<2	<2	91	<.2	2	<2	22	1.39	.036	3	17	.96	30	.03	<3	1.94	.27	.09	4	1
648462 H	32	72	15	58	<.3	14	16	600	4.60	<2	<5	<2	<2	95	<.2	2	<2	69	2.11	.089	2	26	1.71	32	.07	<3	3.50	.35	.08	2	2
648463 H	<1	9	<3	24	<.3	28	27	490	7.24	<2	<5	<2	<2	36	<.2	<2	<2	147	.29	.058	5	49	1.41	64	.04	3	2.51	.07	.20	<2	<1
648464 H	1	497	19	142	.9	14	28	694	8.52	10	<5	<2	<2	106	.3	<2	4	66	1.85	.094	2	19	1.65	33	.02	3	3.90	.17	.14	2	<1
648465 H	4	154	14	49	<.3	24	14	542	4.10	3	<5	<2	<2	46	<.2	<2	<2	67	1.08	.077	3	40	1.06	86	.10	<3	1.34	.08	.09	3	1
648466 H	1	572	5	45	<.3	12	29	331	7.04	<2	<5	<2	<2	258	<.2	2	<2	151	3.05	.075	1	25	2.05	35	.01	<3	6.55	.59	.09	<2	1
648467 H	65	156	3	54	<.3	28	9	617	3.62	<2	<5	<2	<2	151	<.2	3	<2	103	3.54	.075	2	19	1.02	64	.08	<3	2.65	.22	.06	<2	<1
648468 H	4	111	49	108	.3	10	21	840	6.55	<2	<5	<2	<2	147	.4	3	<2	111	2.65	.099	2	11	1.58	51	.06	<3	4.12	.46	.10	<2	<1
648469 H	16	810	4	91	1.1	21	39	777	8.40	5	<5	<2	<2	236	.3	4	2	175	2.36	.070	1	56	2.42	28	.01	3	5.95	.59	.04	<2	7
648470 H	4	25	3	7	<.3	5	35	112	13.29	<2	<5	<2	<2	189	<.2	<2	<2	17	2.52	.064	<1	5	.24	27	.03	3	4.40	.44	.12	2	3
648471 H	<1	93	<3	11	<.3	8	21	326	7.70	<2	<5	<2	<2	39	<.2	2	<2	190	.35	.043	4	11	.65	67	.09	<3	2.21	.17	.25	<2	2
648472 H	6	829	12	170	.8	41	11	497	3.25	5	<5	<2	<2	62	.9	<2	<2	81	1.63	.074	2	102	1.59	29	.11	<3	2.69	.32	.15	2	4
648473 H	<1	78	13	287	.3	20	30	1916	5.46	15	<5	<2	<2	64	1.6	<2	<2	134	2.04	.072	2	25	2.45	81	.21	<3	4.41	.23	.06	<2	1
648474 H	2	74	4	78	<.3	21	14	312	2.77	2	<5	<2	<2	111	<.2	<2	<2	64	1.08	.078	3	39	.85	89	.10	<3	1.90	.33	.23	2	<1
RE 648474 H	2	73	<3	75	<.3	19	14	293	2.72	4	<5	<2	<2	109	<.2	<2	<2	62	1.04	.076	3	35	.82	87	.09	<3	1.85	.35	.26	2	<1
648475 H	<1	37	7	144	.3	26	22	1031	4.74	5	<5	<2	<2	28	.6	<2	<2	56	.89	.051	2	80	1.05	28	.12	<3	1.26	.10	.08	2	1
648476 H	1	5	18	61	.5	20	2	1099	2.16	10	<5	<2	<2	54	<.2	<2	<2	71	2.00	.245	6	65	1.81	14	.10	<3	1.96	.09	.03	<2	<1
648477 H	1	41	6	119	<.3	9	11	2440	6.39	4	<5	<2	<2	63	<.2	<2	<2	205	1.27	.070	3	9	3.53	31	.30	<3	4.71	.25	.04	<2	9
648478 H	1	32	12	142	<.3	10	10	2042	4.78	21	<5	<2	<2	19	<.2	<2	<2	105	.40	.068	3	13	2.44	83	.19	<3	2.90	.04	.04	<2	2
648480 H	18	120	4	225	<.3	7	17	1239	3.99	<2	6	<2	<2	59	2.2	<2	3	151	1.15	.108	6	15	1.64	28	.19	<3	3.28	.34	.06	<2	<1
648481 H	4	180	18	119	.8	7	4	463	1.91	4	<5	<2	2	6	.2	<2	<2	31	.14	.024	9	15	.34	31	.07	<3	.77	.13	.29	3	9
648482 H	2	60	14	40	1.5	5	3	789	2.82	38	<5	<2	3	2	<.2	<2	<2	28	.04	.024	16	12	.45	19	.01	<3	1.33	.06	.14	<2	24
STANDARD C2/AU-R	20	60	37	133	6.2	72	36	1172	4.03	40	19	7	35	51	20.1	16	14	71	.51	.107	41	65	.98	186	.06	30	2.03	.08	.17	10	450

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Rys.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Kamaka Resources Ltd. PROJECT KNOB HILL File # 95-4987 Page 1

6074 - 45A Ave, Delta BC V4K 1M7

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
L51+00N 38+25E	<1	4	<3	6	<.3	3	1	13	.19	4	<5	<2	<2	11	.2	<2	<2	3	.07	.026	1	3	.07	15	.01	<3	.26	.03	.02	<2	1
L51+00N 38+50E	1	6	<3	6	<.3	<1	1	13	.44	5	<5	<2	<2	17	<.2	<2	<2	8	.13	.031	2	3	.07	15	.01	<3	.35	.02	.02	<2	<1
L51+00N 38+75E	1	13	7	14	<.3	4	2	127	2.11	5	<5	<2	<2	7	.3	2	<2	120	.08	.009	6	11	.26	23	.12	<3	1.72	<.01	.02	<2	12
L51+00N 39+00E	1	23	7	26	<.3	5	3	197	1.82	<2	<5	<2	<2	8	.2	<2	<2	90	.13	.016	4	18	.59	23	.16	<3	2.60	.01	.05	<2	1
RE L51+00N 46+50E	2	61	<3	56	<.3	9	6	380	6.93	25	<5	<2	2	11	.6	<2	3	127	.16	.023	5	32	.85	36	.19	<3	5.03	.01	.03	<2	4
L51+00N 39+25E	3	50	10	38	.3	8	5	270	5.16	15	<5	<2	<2	13	.4	<2	<2	113	.17	.017	7	23	.66	33	.12	<3	3.80	.01	.04	<2	202
L51+00N 39+50E	3	50	8	47	<.3	9	5	301	3.93	20	<5	<2	2	12	<.2	<2	2	128	.18	.015	6	25	.76	33	.14	<3	4.08	.01	.03	<2	37
L51+00N 39+75E	3	84	<3	50	<.3	9	6	355	6.17	18	<5	<2	4	12	.5	<2	2	140	.15	.023	4	38	.85	36	.23	<3	5.54	.01	.06	<2	6
L51+00N 40+00E	2	27	5	26	.5	4	4	223	4.03	13	<5	<2	2	8	<.2	<2	<2	168	.11	.010	5	21	.59	18	.22	<3	2.98	.01	.04	<2	4
L51+00N 40+25E	3	12	14	21	<.3	4	3	218	2.65	7	<5	<2	<2	9	<.2	<2	<2	118	.10	.010	6	14	.55	23	.14	<3	2.35	<.01	.04	<2	4
L51+00N 40+50E	3	26	12	31	.3	6	2	247	4.42	11	<5	<2	2	9	<.2	<2	<2	150	.12	.015	7	25	.61	23	.13	<3	3.48	<.01	.04	<2	6
L51+00N 40+75E	3	31	8	34	.3	7	4	252	4.84	18	<5	<2	3	10	.4	<2	<2	148	.13	.017	8	27	.60	33	.14	3	4.02	.01	.03	<2	5
L51+00N 41+00E	10	75	8	54	<.3	11	6	379	6.44	17	<5	<2	2	10	.2	<2	<2	111	.15	.030	6	31	.89	51	.14	<3	5.59	.01	.04	<2	3
L51+00N 41+25E	2	55	3	34	<.3	6	5	251	6.39	14	<5	<2	3	9	<.2	<2	<2	149	.13	.015	5	24	.52	28	.17	3	3.39	.01	.04	<2	3
L51+00N 41+50E	3	44	<3	32	<.3	7	4	230	5.68	19	<5	<2	2	11	.2	<2	2	121	.16	.021	4	18	.51	25	.14	<3	2.65	.01	.04	<2	1
L51+00N 41+75E	3	43	6	35	.3	7	4	249	5.45	23	<5	<2	2	11	.4	<2	2	115	.16	.021	4	21	.56	28	.14	3	2.74	.01	.04	<2	2
L51+00N 42+00E	<1	10	<3	5	<.3	2	1	15	.25	<2	<5	<2	<2	7	<.2	<2	<2	15	.05	.035	2	4	.06	12	.01	<3	.41	.02	.01	<2	<1
L51+00N 42+25E	<1	9	<3	8	<.3	2	1	22	.37	4	<5	<2	<2	16	<.2	<2	<2	10	.14	.051	1	2	.06	12	.01	6	.28	.02	.02	<2	<1
L51+00N 42+50E	1	10	<3	6	<.3	4	1	24	.39	8	<5	<2	<2	14	.2	<2	<2	16	.13	.065	2	3	.05	14	.01	4	.33	.02	.02	<2	<1
L51+00N 42+75E	1	8	<3	5	<.3	4	1	20	.93	9	<5	<2	<2	10	<.2	<2	<2	23	.08	.065	2	3	.04	9	.02	3	.39	.02	.02	<2	<1
L51+00N 43+00E	1	9	3	5	.3	4	1	36	.45	4	<5	<2	<2	19	<.2	<2	<2	17	.16	.051	2	4	.05	14	.02	3	.46	.02	.03	<2	<1
L51+00N 43+25E	1	7	4	8	<.3	3	<1	26	1.00	<2	<5	<2	<2	21	<.2	<2	<2	8	.17	.061	2	3	.05	17	.01	3	.27	.03	.03	<2	<1
L51+00N 43+50E	1	4	3	6	.3	1	<1	15	1.19	<2	<5	<2	<2	7	<.2	<2	2	7	.05	.069	2	2	.04	9	.01	<3	.28	.03	.03	<2	<1
L51+00N 43+75E	1	6	<3	5	.4	3	1	21	.24	3	<5	<2	<2	11	.2	<2	<2	6	.08	.046	2	2	.04	19	.01	4	.38	.02	.03	<2	1
L51+00N 44+00E	1	12	3	8	.6	4	2	67	.72	3	<5	<2	<2	7	.2	<2	<2	22	.07	.046	3	11	.16	14	.03	3	1.08	.02	.03	<2	1
L51+00N 44+25E	1	24	10	14	1.1	5	1	75	.49	3	<5	<2	<2	11	.3	<2	<2	60	.07	.024	6	17	.20	25	.07	<3	2.65	.01	.03	<2	8
L51+00N 44+50E	2	49	8	47	<.3	11	4	348	2.49	7	<5	<2	<2	11	.2	<2	<2	116	.17	.018	5	27	.94	57	.13	<3	4.26	.01	.04	<2	8
L51+00N 44+75E	1	25	<3	23	.3	8	3	166	1.32	2	<5	<2	<2	11	<.2	<2	<2	71	.13	.024	4	21	.42	27	.12	3	2.33	.01	.03	<2	2
L51+00N 45+00E	2	18	9	11	.8	4	2	60	.42	<2	<5	<2	<2	9	.2	<2	<2	47	.05	.023	5	14	.16	19	.05	<3	2.03	.01	.02	<2	2
L51+00N 45+25E	1	7	<3	6	.3	1	2	26	.35	<2	<5	<2	<2	9	<.2	<2	<2	15	.07	.043	3	4	.06	11	.02	<3	.67	.01	.02	<2	1
L51+00N 45+50E	2	16	8	23	.4	5	1	178	6.35	21	<5	<2	<2	8	.5	<2	3	242	.09	.010	5	23	.44	16	.12	<3	2.68	<.01	.03	<2	3
L51+00N 45+75E	2	26	5	24	.3	9	3	197	2.33	6	<5	<2	<2	12	.4	<2	2	123	.13	.027	5	29	.61	16	.12	4	4.26	.01	.02	<2	3
L51+00N 46+00E	<1	5	<3	7	<.3	4	1	22	.73	<2	<5	<2	<2	5	.2	<2	<2	7	.05	.052	2	3	.04	14	.01	3	.40	.01	.02	<2	1
L51+00N 46+25E	2	29	8	29	.5	6	2	253	4.44	6	<5	<2	<2	10	<.2	<2	<2	137	.13	.019	5	23	.83	17	.12	<3	4.43	.01	.03	<2	9
L51+00N 46+50E	2	64	<3	55	<.3	12	5	377	6.81	24	<5	<2	2	12	.7	<2	<2	126	.16	.025	5	32	.82	40	.20	4	5.09	.01	.04	<2	4
STANDARD C/AU-S	20	60	33	125	6.0	68	31	1077	3.97	40	16	7	35	50	15.9	17	25	61	.52	.092	39	58	.89	185	.08	26	1.95	.07	.15	12	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 7 1995 **DATE REPORT MAILED:** Dec 21/95 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L51+00N 46+75E	1	27	16	42	<.3	9	5	353	2.68	9	<5	<2	<2	15	.7	<2	<2	142	.23	.014	6	26	.92	35	.16	<3	3.66	.02	.05	<2	8
L51+00N 47+00E	1	5	7	15	<.3	3	1	212	.93	6	<5	<2	<2	9	.6	2	<2	78	.11	.007	5	15	.40	8	.11	<3	1.60	.01	.02	<2	7
L51+00N 47+25E	2	60	11	47	.4	7	5	338	6.24	17	<5	<2	3	11	.6	<2	<2	148	.14	.025	4	30	.78	23	.18	<3	4.95	.01	.04	<2	4
L51+00N 47+50E	2	59	13	66	<.3	15	6	450	2.68	8	<5	<2	<2	16	.7	<2	<2	122	.24	.018	6	27	1.16	55	.15	4	5.08	.01	.05	<2	5
L51+00N 47+75E	<1	43	10	20	.3	8	4	204	1.85	2	<5	<2	<2	10	.5	<2	<2	58	.27	.047	3	13	.49	15	.14	3	1.75	.02	.03	<2	3
L51+00N 48+00E	1	4	4	16	<.3	2	<1	21	4.32	7	<5	<2	<2	7	<.2	<2	<2	19	.09	.046	2	3	.05	10	.02	<3	.33	.02	.03	<2	<1
L51+00N 48+25E	<1	3	<3	4	<.3	2	<1	13	.37	2	<5	<2	<2	15	<.2	<2	<2	2	.08	.036	1	1	.10	10	<.01	<3	.11	.02	.02	<2	<1
L51+00N 48+50E	<1	4	<3	6	<.3	2	1	22	.28	<2	<5	<2	<2	13	.3	<2	<2	3	.05	.031	1	2	.09	10	.01	3	.13	.02	.02	<2	<1
L51+00N 48+75E	<1	4	<3	14	<.3	2	<1	28	3.06	19	<5	<2	<2	12	.2	<2	<2	15	.17	.037	2	2	.03	10	.01	4	.31	.02	.02	<2	1
L51+00N 49+00E	<1	5	3	3	<.3	3	<1	9	.28	<2	<5	<2	<2	5	.2	<2	<2	6	.03	.028	1	2	.04	8	.01	<3	.30	.02	.01	<2	<1
L51+00N 49+25E	1	8	<3	11	<.3	3	1	14	.56	<2	<5	<2	<2	9	.2	<2	<2	5	.07	.055	1	2	.05	10	.01	<3	.29	.02	.03	<2	<1
L51+00N 49+50E	<1	7	5	2	.3	3	1	9	.25	<2	<5	<2	<2	3	.3	<2	<2	15	.02	.032	2	7	.02	6	.01	<3	1.39	.01	.01	<2	1
L51+00N 49+75E	<1	4	<3	5	<.3	2	1	9	.16	3	<5	<2	<2	10	<.2	<2	2	3	.03	.022	1	1	.07	6	.01	<3	.20	.02	.01	<2	<1
L47+00N 50+25E	1	14	11	22	<.3	4	2	144	1.85	4	<5	<2	<2	9	.6	<2	2	88	.12	.012	5	15	.24	15	.16	<3	1.89	.01	.02	<2	1
L47+00N 50+50E	3	38	13	38	<.3	8	4	276	3.97	8	<5	<2	2	9	.6	<2	3	161	.15	.012	6	22	.65	21	.24	<3	2.79	.01	.03	<2	3
L47+00N 50+75E	1	41	8	44	.7	8	3	250	2.97	15	<5	<2	2	8	.7	6	<2	72	.11	.015	3	24	.44	23	.12	<3	3.17	.01	.03	4	10
L47+00N 51+00E	<1	30	4	37	<.3	6	4	228	2.99	17	<5	<2	<2	6	.8	3	<2	69	.09	.012	3	18	.42	23	.10	3	2.18	<.01	.02	2	4
L47+00N 51+25E	2	16	8	16	<.3	4	2	103	2.32	5	<5	<2	<2	5	.3	<2	<2	61	.06	.005	2	13	.16	13	.09	<3	1.33	<.01	.01	<2	4
L47+00N 51+50E	2	9	5	11	<.3	<1	<1	75	1.53	<2	<5	<2	<2	3	<.2	<2	<2	45	.04	.003	1	10	.11	9	.07	<3	1.00	<.01	<.01	<2	4
L47+00N 51+75E	<1	8	<3	9	.3	2	2	54	1.18	9	<5	<2	<2	2	.3	5	<2	32	.03	.003	1	6	.08	9	.04	<3	.67	<.01	.01	2	3
L47+00N 52+00E	<1	5	<3	5	<.3	2	2	43	.49	9	<5	<2	<2	2	.2	5	2	18	.02	.002	1	3	.06	9	.03	<3	.46	<.01	<.01	3	3
L47+00N 52+25E	<1	8	<3	10	<.3	4	2	67	.58	15	<5	2	<2	2	.5	13	<2	19	.02	.004	1	3	.12	8	.03	3	.53	<.01	.01	5	3
RE L47+00N 52+25E	<1	8	<3	10	<.3	4	2	61	.58	12	<5	<2	<2	1	.3	10	<2	17	.02	.003	<1	2	.12	9	.02	<3	.44	<.01	.01	4	2
L47+00N 52+50E	<1	4	<3	7	<.3	2	1	41	.39	4	<5	<2	<2	1	<.2	3	<2	11	.01	.002	<1	2	.07	9	.01	<3	.30	<.01	<.01	<2	7
L47+00N 52+75E	<1	5	<3	7	<.3	3	1	36	.41	9	<5	<2	<2	1	.3	3	<2	11	.01	.001	1	2	.06	7	.02	<3	.33	<.01	<.01	<2	3
L47+00N 53+00E	<1	3	<3	3	<.3	1	<1	23	.50	2	<5	<2	<2	1	.2	<2	<2	13	.01	.001	<1	2	.04	2	.02	<3	.24	<.01	<.01	<2	9
L47+00N 53+25E	<1	4	3	4	<.3	1	1	27	.45	4	<5	<2	<2	1	<.2	<2	3	11	.01	.001	<1	3	.04	4	.02	<3	.28	<.01	<.01	<2	15
L47+00N 53+50E	<1	4	<3	4	<.3	1	1	25	.41	5	<5	<2	<2	1	<.2	2	<2	11	.01	.001	<1	3	.04	<1	.02	<3	.29	<.01	<.01	<2	2
L47+00N 53+75E	<1	4	<3	60	<.3	3	<1	62	.53	2	<5	<2	<2	70	<.2	<2	<2	3	1.13	.033	<1	1	.11	18	<.01	<3	.11	.02	.02	<2	1
L47+00N 54+00E	<1	4	<3	44	<.3	2	<1	70	.19	2	<5	<2	<2	32	<.2	<2	<2	2	.24	.023	1	1	.14	12	<.01	3	.13	.03	.03	<2	<1
L47+00N 54+25E	1	5	<3	40	<.3	2	<1	13	.17	<2	<5	<2	<2	14	<.2	<2	<2	6	.07	.022	1	2	.09	7	.01	<3	.19	.02	.02	<2	<1
L47+00N 54+50E	1	7	<3	65	<.3	3	1	14	.39	5	<5	<2	<2	21	.3	2	<2	6	.09	.037	1	2	.11	12	.01	<3	.23	.03	.02	<2	<1
L47+00N 54+75E	<1	4	5	26	<.3	4	1	9	.20	8	<5	<2	<2	8	<.2	<2	<2	17	.08	.029	2	3	.03	11	.02	<3	.41	.01	.01	<2	<1
L47+00N 55+00E	<1	3	<3	14	<.3	2	<1	7	.12	<2	<5	<2	<2	39	<.2	<2	<2	2	.21	.020	<1	1	.19	11	<.01	<3	.08	.03	.01	<2	<1
L47+00N 55+25E	<1	3	<3	30	<.3	2	<1	7	.14	2	<5	<2	<2	23	<.2	<2	<2	2	.07	.025	1	2	.13	12	<.01	3	.12	.02	.02	<2	<1
STANDARD C/AU-S	20	56	35	123	6.6	68	31	1090	3.94	38	17	6	34	48	17.1	16	22	64	.51	.090	38	59	.89	174	.08	23	1.89	.06	.14	8	45

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

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
L47+00N 55+50E	<1	3	7	20	<.3	1	<1	22	.15	<2	<5	<2	<2	16	.3	<2	<2	2	.12	.028	1	2	.10	8	<.01	<3	.15	.02	.01	<2	<1
L47+00N 55+75E	1	2	5	25	<.3	<1	<1	25	.17	<2	<5	<2	<2	26	<.2	<2	<2	2	.10	.021	<1	1	.14	8	<.01	3	.11	.03	.01	<2	1
L47+00N 56+00E	1	3	4	34	<.3	1	1	16	.23	4	<5	<2	<2	25	<.2	<2	<2	4	.20	.044	2	2	.08	16	.01	3	.25	.02	.02	<2	1
L47+00N 56+25E	1	3	<3	29	<.3	2	<1	18	.29	5	<5	<2	<2	17	<.2	<2	<2	4	.17	.048	1	2	.06	13	.01	<3	.21	.02	.03	<2	<1
L47+00N 56+50E	<1	1	3	16	<.3	<1	<1	23	.17	<2	<5	<2	<2	18	<.2	<2	<2	2	.10	.025	1	2	.09	10	.01	<3	.16	.03	.02	<2	<1
L47+00N 56+75E	<1	6	<3	10	.3	2	<1	9	.31	3	<5	<2	<2	12	<.2	<2	<2	6	.09	.024	2	3	.05	11	.01	<3	.28	.02	.01	<2	<1
L47+00N 57+00E	<1	3	3	41	<.3	<1	1	22	.06	3	<5	<2	<2	37	.5	<2	2	1	.09	.025	<1	1	.31	10	<.01	3	.06	.03	.03	<2	<1
L47+00N 57+25E	1	2	4	17	<.3	2	<1	14	.98	2	<5	<2	<2	18	.2	<2	<2	2	.13	.038	1	1	.06	6	<.01	<3	.11	.02	.02	<2	1
L47+00N 57+50E	1	2	3	21	<.3	1	1	10	1.02	21	<5	<2	<2	17	.2	<2	<2	5	.18	.035	2	1	.04	13	.01	<3	.19	.02	.01	<2	<1
RE L47+00N 57+50E	1	1	4	20	<.3	2	<1	15	1.00	17	<5	<2	<2	17	.3	<2	<2	5	.17	.034	2	2	.03	12	.01	<3	.18	.02	.01	<2	-
L45+00N 35+00E	1	7	6	14	.4	3	1	95	.28	8	<5	<2	<2	20	.2	<2	<2	10	.18	.042	2	5	.09	13	.01	<3	.49	.02	.04	<2	2
L45+00N 35+25E	1	21	22	47	<.3	9	4	424	2.95	9	<5	<2	<2	12	.6	<2	3	89	.15	.029	4	19	.96	31	.10	<3	2.12	.02	.04	<2	1
L45+00N 35+50E	2	48	25	59	.3	10	4	356	4.06	32	<5	<2	2	11	.7	<2	<2	119	.14	.016	6	27	.96	60	.09	<3	4.39	.01	.04	<2	4
L45+00N 35+75E	2	22	21	21	<.3	4	3	147	1.40	7	<5	<2	<2	7	.5	2	<2	56	.09	.009	5	15	.43	30	.14	<3	1.95	.01	.05	<2	6
L45+00N 36+00E	2	31	35	48	<.3	9	4	285	3.14	14	<5	<2	<2	12	.6	<2	<2	123	.15	.012	7	33	.73	49	.17	<3	3.89	.01	.02	<2	9
L45+00N 36+25E	2	33	21	55	<.3	5	5	315	2.80	12	<5	<2	<2	12	.7	<2	<2	74	.16	.015	5	19	.69	44	.12	<3	2.70	.01	.03	<2	4
L45+00N 36+50E	2	36	19	45	<.3	10	5	269	2.18	15	<5	<2	<2	14	.5	<2	<2	83	.21	.013	7	28	.69	27	.12	<3	3.10	.01	.03	<2	3
L45+00N 36+75E	2	28	18	45	.3	8	4	258	5.59	20	<5	<2	3	10	1.3	<2	<2	119	.13	.014	5	29	.55	26	.16	<3	3.10	.01	.02	<2	5
L45+00N 37+00E	2	38	19	44	.5	7	4	237	4.71	17	<5	<2	3	12	.8	<2	2	118	.16	.014	4	41	.53	16	.18	<3	3.92	.01	.03	<2	5
L45+00N 37+25E	1	18	32	44	.3	16	6	338	2.63	6	<5	<2	<2	7	1.0	<2	<2	93	.18	.022	5	45	1.11	13	.17	<3	2.88	.02	.02	<2	3
L45+00N 37+50E	1	14	16	35	.3	9	3	336	1.98	6	<5	<2	<2	10	.5	<2	<2	72	.14	.019	6	29	.88	16	.11	3	2.51	.01	.04	<2	3
L45+00N 37+75E	2	44	21	46	<.3	8	3	282	3.35	21	<5	<2	2	10	.6	<2	2	95	.13	.014	4	30	.67	31	.15	<3	4.11	.01	.02	<2	3
L45+00N 38+00E	<1	5	4	9	<.3	3	<1	36	.49	<2	<5	<2	<2	12	.2	<2	<2	9	.12	.029	1	3	.11	6	.02	<3	.33	.02	.02	<2	<1
L45+00N 38+25E	<1	4	<3	8	<.3	2	1	54	.42	4	<5	<2	<2	8	.2	<2	<2	12	.05	.023	2	5	.12	11	.03	<3	.54	.02	.01	<2	<1
L45+00N 38+50E	<1	2	3	6	<.3	<1	<1	22	.29	<2	<5	<2	<2	27	.3	<2	<2	3	.09	.022	1	2	.15	8	.01	<3	.17	.02	.02	<2	<1
L45+00N 38+75E	<1	2	5	6	<.3	3	<1	12	.24	<2	<5	<2	<2	24	.2	<2	<2	2	.13	.044	1	1	.12	11	.01	<3	.12	.03	.04	<2	1
STANDARD C/AU-S	21	57	37	124	6.2	66	33	980	3.93	41	17	8	44	51	19.1	18	21	57	.52	.093	40	58	.88	198	.06	26	1.89	.06	.14	3	46

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

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Kamaka Resources Ltd. PROJECT KNOB HILL File # 95-4966 Page 1

6074 - 45A Ave, Delta BC V4K 1M7

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
L53+00N 35+00E	2	69	17	62	<.3	12	4	312	4.95	19	<5	<2	4	15	.8	<2	2	128	.22	.015	4	46	.54	28	.24	<3	4.15	.01	.02	<2	9
L53+00N 35+50E	3	101	15	74	<.3	8	4	387	6.54	40	<5	<2	4	10	<.2	2	4	125	.11	.025	4	40	.97	60	.19	<3	6.15	.01	.05	<2	8
L53+00N 36+00E	<1	5	<3	11	<.3	1	<1	49	.40	6	<5	<2	<2	18	.5	<2	<2	4	.11	.034	1	2	.09	10	.01	3	.21	.03	.04	<2	<1
L53+00N 36+50E	<1	4	<3	10	<.3	<1	<1	34	.25	2	<5	<2	<2	24	.4	<2	<2	2	.09	.042	1	<1	.15	12	<.01	<3	.12	.03	.05	<2	<1
L53+00N 37+00E	1	6	8	4	<.3	<1	<1	67	.70	<2	<5	<2	<2	4	<.2	<2	2	36	.03	.007	6	7	.09	3	.09	<3	.96	<.01	.02	<2	4
RE L53+00N 37+00E	1	6	7	5	<.3	2	<1	72	.67	<2	<5	<2	<2	4	.2	<2	3	35	.03	.006	6	7	.09	8	.09	<3	.91	<.01	.02	<2	6
L53+00N 37+50E	2	79	14	63	<.3	11	4	354	2.43	13	<5	<2	<2	19	.6	<2	3	135	.32	.017	6	33	.86	55	.16	<3	5.48	.01	.03	<2	7
L53+00N 38+00E	2	68	8	50	.3	12	5	311	4.12	26	<5	<2	2	9	1.1	<2	<2	129	.13	.019	4	38	.75	31	.20	<3	5.77	.01	.03	<2	6
L53+00N 38+50E	2	86	9	60	.4	8	5	353	6.10	21	<5	<2	3	10	1.3	3	2	115	.13	.023	3	36	.77	33	.19	<3	6.18	.01	.02	<2	35
L53+00N 39+00E	3	60	11	48	.3	7	3	269	5.60	22	<5	<2	3	8	.9	<2	7	110	.11	.029	5	37	.65	25	.18	<3	6.78	.01	.03	<2	7
L53+00N 39+50E	1	5	<3	9	<.3	1	<1	43	.21	<2	<5	<2	<2	41	<.2	<2	<2	3	.22	.034	1	1	.18	5	.01	4	.22	.03	.03	<2	1
L53+00N 40+00E	1	14	13	22	<.3	<1	<1	187	8.01	35	<5	<2	2	7	<.2	<2	3	99	.10	.011	4	13	.42	13	.09	<3	1.92	.01	.03	<2	4
L53+00N 40+50E	2	17	<3	6	<.3	2	1	34	1.47	44	<5	<2	<2	10	<.2	<2	<2	49	.09	.066	4	6	.04	13	.02	<3	.89	.01	.01	<2	1
L53+00N 41+00E	1	9	5	6	<.3	1	<1	95	1.03	21	<5	<2	<2	19	.5	<2	<2	18	.20	.054	2	2	.05	15	.01	<3	.31	.02	.02	<2	2
L53+00N 41+50E	1	13	6	7	<.3	2	1	51	.37	11	<5	<2	<2	13	<.2	<2	<2	27	.12	.046	2	5	.06	13	.02	<3	.39	.02	.02	<2	3
L53+00N 42+00E	1	18	5	6	<.3	3	1	103	.47	21	<5	<2	<2	16	.2	<2	<2	22	.18	.048	2	3	.05	18	.02	<3	.46	.02	.01	<2	<1
L53+00N 42+50E	2	56	7	27	.3	7	4	182	1.38	7	<5	<2	<2	11	.9	3	3	60	.13	.020	4	15	.47	35	.13	<3	2.34	.01	.07	<2	10
L53+00N 43+00E	1	36	7	9	.3	3	1	34	.32	5	<5	<2	<2	13	<.2	<2	<2	16	.08	.049	3	7	.06	15	.02	<3	.90	.02	.03	<2	2
L53+00N 43+50E	1	10	5	6	.4	1	<1	22	.30	3	<5	<2	<2	6	.3	<2	<2	11	.04	.052	2	5	.05	10	.02	<3	.71	.01	.02	<2	2
L53+00N 44+00E	3	65	13	47	<.3	6	3	313	6.32	18	<5	<2	2	11	.8	<2	3	132	.15	.023	3	31	.67	31	.20	<3	4.35	.01	.03	<2	12
L53+00N 44+50E	1	11	11	13	<.3	1	1	124	1.51	2	<5	<2	<2	6	.4	<2	<2	66	.08	.011	6	20	.19	13	.20	<3	1.45	.01	.03	<2	3
L53+00N 45+00E	3	12	20	11	<.3	3	<1	113	1.71	<2	<5	<2	<2	8	<.2	2	<2	103	.08	.010	13	13	.18	13	.13	<3	1.78	.01	.04	<2	12
L53+00N 45+50E	2	80	16	54	.4	8	5	347	5.13	18	<5	<2	2	12	.8	2	2	103	.17	.033	5	28	.78	51	.16	3	5.11	.01	.04	<2	11
L53+00N 46+00E	2	50	17	56	<.3	7	5	352	6.07	21	<5	<2	2	12	.6	<2	5	124	.18	.021	6	37	.77	41	.20	<3	4.21	.01	.04	<2	6
L53+00N 46+50E	1	35	16	42	<.3	13	5	307	3.12	9	<5	<2	<2	10	<.2	2	3	145	.12	.024	6	35	1.50	58	.11	<3	4.64	.02	.10	<2	5
L53+00N 47+00E	2	45	9	51	.3	8	3	349	4.83	13	<5	<2	2	12	<.2	<2	4	131	.15	.018	6	35	.94	31	.13	<3	4.87	.01	.03	<2	16
L53+00N 47+50E	<1	6	3	3	.3	3	<1	18	.38	<2	<5	<2	<2	4	<.2	<2	<2	8	.03	.046	2	4	.04	8	.01	<3	1.09	.01	.01	<2	1
L53+00N 48+00E	1	25	19	43	.4	8	4	339	2.05	7	<5	<2	<2	11	1.6	<2	<2	136	.16	.013	7	39	.92	28	.17	<3	3.66	.01	.03	<2	5
L53+00N 48+50E	1	7	12	15	<.3	2	<1	148	.80	<2	<5	<2	<2	6	<.2	3	<2	65	.05	.009	6	19	.38	15	.09	<3	1.98	<.01	.02	<2	21
L53+00N 49+00E	<1	6	7	11	<.3	2	<1	75	.44	<2	<5	<2	<2	3	<.2	<2	<2	18	.02	.010	13	6	.12	21	.01	<3	1.71	<.01	.02	<2	2
L53+00N 49+50E	<1	5	<3	5	<.3	3	<1	10	.21	3	<5	<2	<2	9	<.2	<2	<2	4	.03	.022	2	2	.05	10	.01	<3	.35	.02	.01	<2	<1
L53+00N 50+00E	<1	2	<3	3	<.3	<1	<1	8	.10	<2	<5	<2	<2	21	<.2	<2	<2	1	.11	.018	1	1	.09	3	<.01	<3	.11	.02	.01	<2	1
L53+00N 50+50E	<1	4	<3	6	<.3	<1	<1	8	.12	<2	<5	<2	<2	18	<.2	<2	<2	2	.06	.018	1	1	.11	8	<.01	<3	.12	.02	.01	<2	1
L53+00N 51+00E	1	74	21	64	.4	13	5	374	2.19	9	<5	<2	<2	15	.8	<2	<2	99	.23	.024	5	24	.90	69	.16	<3	4.09	.01	.03	<2	9
L53+00N 51+50E	<1	5	<3	9	<.3	2	<1	22	.27	<2	<5	<2	<2	51	<.2	<2	<2	3	.10	.027	1	1	.23	15	.01	3	.15	.03	.02	<2	1
STANDARD C/AU-S	20	57	41	125	5.9	65	30	1102	3.99	37	19	7	36	48	17.7	18	20	59	.52	.091	38	56	.89	187	.08	28	1.83	.06	.14	11	46

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 6 1995 **DATE REPORT MAILED:** Dec 19/95 **SIGNED BY**.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L53+00N 52+00E	<1	4	<3	4	<.3	2	<1	9	.22	<2	<5	<2	<2	14	<.2	<2	<2	2	.06	.035	1	4	.05	5	.01	<3	.12	.02	.01	<2	2
L53+00N 52+50E	1	4	<3	3	<.3	1	<1	7	.12	<2	<5	<2	<2	13	<.2	<2	<2	2	.07	.028	1	2	.06	12	.01	<3	.13	.02	.02	<2	<1
L53+00N 53+00E	1	32	12	34	.3	5	2	205	1.69	3	<5	<2	2	11	<.2	<2	<2	128	.17	.012	5	29	.45	26	.12	<3	3.25	.01	.01	<2	14
L53+00N 53+50E	2	48	15	61	<.3	8	3	336	5.38	20	<5	<2	3	11	.8	<2	<2	131	.14	.023	3	32	.66	33	.17	<3	4.49	.01	.02	<2	4
L53+00N 54+00E	<1	4	<3	6	<.3	1	<1	21	.56	<2	<5	<2	<2	21	<.2	<2	<2	4	.09	.034	1	2	.10	7	.01	<3	.18	.02	.02	<2	14
L53+00N 54+50E	1	8	8	26	<.3	5	1	197	1.30	2	<5	<2	<2	12	<.2	<2	<2	85	.13	.009	5	24	.52	19	.13	<3	2.27	.01	.02	<2	14
L53+00N 55+00E	<1	13	9	39	.3	2	1	290	2.47	<2	<5	<2	<2	14	.6	<2	<2	57	.18	.018	2	12	.92	14	.16	<3	1.27	.01	.01	<2	1
L53+00N 55+50E	1	7	6	5	<.3	1	<1	23	3.97	4	<5	<2	<2	8	.3	2	<2	32	.06	.065	3	5	.05	12	.03	<3	.43	.01	.02	<2	<1
L53+00N 56+00E	<1	4	11	3	.3	1	<1	12	.60	<2	<5	<2	<2	5	<.2	<2	<2	50	.02	.037	4	9	.03	14	.03	<3	.91	.01	.02	<2	10
L53+00N 56+50E	2	52	13	46	<.3	8	3	238	2.01	20	<5	<2	2	12	.5	<2	<2	82	.18	.018	6	32	.52	21	.15	<3	4.67	.01	.02	<2	7
L53+00N 57+00E	1	5	6	3	<.3	<1	<1	14	6.95	55	<5	<2	2	6	1.3	<2	<2	64	.04	.046	4	7	.03	11	.03	<3	.86	.01	.02	<2	2
L53+00N 57+50E	3	42	12	45	.3	6	2	231	5.47	32	<5	<2	3	9	1.2	<2	3	141	.12	.015	3	37	.38	21	.17	<3	5.02	.01	.02	<2	8
RE L53+00N 57+50E	3	40	11	43	.3	8	2	226	5.24	24	<5	<2	3	9	1.1	<2	<2	136	.11	.012	3	36	.37	21	.17	<3	4.87	.01	.02	<2	5
L53+00N 58+00E	1	5	<3	7	<.3	<1	<1	21	.33	<2	<5	<2	<2	16	<.2	<2	<2	8	.11	.040	2	4	.08	9	.02	<3	.24	.02	.02	<2	<1
L53+00N 58+50E	<1	5	<3	8	<.3	<1	<1	43	.21	<2	<5	<2	<2	27	<.2	<2	<2	4	.15	.029	1	2	.12	14	.01	<3	.21	.02	.02	<2	<1
L53+00N 59+00E	3	56	11	64	.3	8	4	344	5.28	23	<5	<2	2	13	.8	<2	4	114	.17	.022	6	33	.68	28	.14	<3	4.50	.01	.03	<2	19
L53+00N 59+50E	3	49	17	47	<.3	6	2	251	5.30	23	<5	<2	3	12	1.3	<2	2	117	.17	.017	6	45	.54	21	.19	<3	4.71	.01	.02	<2	9
L53+00N 60+00E	1	7	23	9	<.3	4	<1	84	1.02	3	<5	<2	<2	9	.6	<2	<2	77	.10	.006	5	18	.18	14	.07	<3	1.66	<.01	.01	<2	4
L53+00N 60+50E	1	4	4	8	<.3	2	<1	44	.39	<2	<5	<2	<2	16	<.2	<2	<2	5	.24	.068	1	2	.07	6	.01	4	.20	.03	.05	<2	<1
L53+00N 61+00E	<1	2	<3	8	<.3	<1	<1	16	.15	<2	<5	<2	<2	39	<.2	<2	<2	2	.05	.038	1	2	.23	6	.01	<3	.08	.03	.04	<2	<1
L53+00N 61+50E	1	3	<3	11	<.3	1	<1	31	.16	<2	<5	<2	<2	28	<.2	<2	<2	2	.09	.040	1	1	.17	16	<.01	<3	.08	.02	.05	<2	<1
L53+00N 62+00E	5	7	29	29	.4	4	2	206	3.59	35	<5	<2	2	11	.7	<2	4	126	.13	.008	5	23	.55	18	.08	<3	2.14	.01	.03	<2	9
L53+00N 62+50E	2	15	41	30	.5	1	<1	246	5.79	44	<5	<2	2	8	.7	<2	3	161	.09	.007	4	19	.90	11	.10	<3	2.11	<.01	.02	<2	2
L53+00N 63+00E	3	39	21	51	.4	10	3	258	5.68	24	<5	<2	4	11	1.4	<2	<2	151	.15	.009	3	58	.50	20	.20	<3	4.97	.01	.03	<2	8
L53+00N 63+50E	3	7	3	3	<.3	<1	<1	51	22.08	228	<5	<2	4	16	2.2	<2	7	53	.23	.045	4	7	.04	16	.02	<3	.94	.02	.03	<2	1
L53+00N 64+00E	2	12	22	11	.5	1	<1	83	1.33	5	<5	<2	<2	8	<.2	<2	<2	88	.08	.010	5	19	.17	13	.09	<3	1.79	.01	.02	<2	2
L53+00N 64+50E	2	39	18	42	<.3	9	3	358	3.38	21	<5	<2	3	14	<.2	<2	<2	119	.17	.018	6	42	.45	39	.13	<3	5.32	.01	.02	<2	7
L53+00N 65+00E	6	1	6	4	<.3	<1	<1	41	.38	<2	<5	<2	<2	5	<.2	<2	<2	46	.05	.005	4	5	.04	8	.08	<3	.66	<.01	.01	<2	2
L51+00N 35+00E	1	32	22	46	<.3	9	4	352	1.95	7	<5	<2	2	13	.3	<2	<2	105	.16	.015	7	35	.90	23	.13	<3	3.34	.01	.03	<2	8
L51+00N 35+50E	1	5	4	5	<.3	1	<1	43	2.18	24	<5	<2	<2	14	.6	<2	<2	28	.14	.037	3	5	.05	15	.02	<3	.55	.01	.01	<2	1
L51+00N 36+00E	1	26	11	17	<.3	1	<1	177	1.46	<2	<5	<2	<2	10	.2	<2	<2	121	.10	.007	4	16	.45	15	.21	<3	1.46	<.01	.03	<2	16
L51+00N 36+50E	1	6	<3	6	<.3	2	<1	16	.33	<2	<5	<2	<2	9	.2	<2	2	7	.06	.045	1	4	.06	6	.02	3	.23	.02	.03	<2	<1
L51+00N 37+00E	1	83	15	113	<.3	9	6	427	2.82	11	<5	<2	<2	17	1.0	<2	4	102	.20	.022	5	24	1.07	85	.08	<3	4.24	.01	.06	<2	9
L51+00N 37+50E	1	14	13	14	<.3	2	<1	95	1.34	<2	<5	<2	<2	5	<.2	<2	<2	58	.05	.009	5	12	.22	15	.10	<3	1.44	<.01	.03	<2	12
L51+00N 38+00E	<1	10	13	23	<.3	1	<1	229	1.12	<2	<5	<2	<2	6	.4	<2	<2	38	.06	.020	5	6	.28	18	.02	<3	1.16	.01	.05	<2	1
STANDARD C/AU-S	19	60	39	126	5.6	62	29	1027	3.81	38	19	7	35	49	18.0	15	22	64	.51	.088	37	59	.87	183	.09	26	1.87	.05	.16	11	46

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

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
L50+00N 50+00E	<1	3	4	11	<.3	<1	<1	15	.08	<2	6	<2	<2	44	<.2	<2	2	1	.06	.028	<1	2	.27	5	<.01	4	.07	.03	.03	<2	1
L47+00N 41+50E	1	3	5	12	<.3	2	1	28	.31	<2	6	<2	<2	20	.3	<2	<2	2	.22	.028	1	2	.07	7	<.01	4	.10	.02	.02	<2	1
L47+00N 42+00E	1	3	5	31	<.3	<1	<1	23	.33	<2	<5	<2	<2	12	<.2	<2	2	2	.09	.039	1	2	.05	3	<.01	<3	.10	.03	.02	<2	1
RE L47+00N 42+00E	1	4	<3	31	<.3	<1	<1	30	.33	<2	<5	<2	<2	11	<.2	<2	5	2	.09	.040	1	1	.05	9	<.01	3	.10	.02	.02	<2	2
L47+00N 42+50E	<1	4	<3	19	<.3	1	<1	58	.98	<2	6	<2	<2	18	.2	<2	2	3	.20	.053	1	2	.06	5	.01	<3	.14	.02	.03	<2	<1
L47+00N 43+00E	1	39	15	35	<.3	4	2	195	1.58	7	6	<2	<2	8	<.2	<2	4	64	.13	.020	5	23	.46	17	.13	<3	3.53	.01	.03	<2	21
L47+00N 43+50E	5	17	12	15	<.3	<1	<1	198	11.42	486	5	<2	2	8	<.2	<2	<2	48	.10	.042	2	5	.26	12	.04	<3	1.11	.02	.05	<2	2
L47+00N 44+00E	2	51	14	40	<.3	6	2	265	6.87	30	<5	<2	3	6	<.2	<2	3	140	.08	.011	6	23	.62	27	.08	<3	3.37	.01	.03	<2	8
L47+00N 44+50E	<1	4	3	18	<.3	1	<1	42	.78	<2	<5	<2	<2	16	<.2	<2	<2	5	.13	.055	1	3	.08	8	.01	5	.15	.03	.04	<2	1
L47+00N 45+00E	3	38	17	30	<.3	4	1	215	3.47	13	<5	<2	2	9	<.2	<2	2	119	.11	.010	6	24	.47	17	.13	<3	3.15	<.01	.03	<2	4
L47+00N 45+50E	3	36	22	37	<.3	6	1	278	2.55	11	<5	<2	2	10	<.2	<2	2	130	.12	.011	7	30	.75	21	.13	<3	3.15	.01	.03	<2	16
L47+00N 46+00E	<1	4	<3	19	<.3	2	<1	38	.37	<2	6	<2	<2	32	<.2	<2	2	3	.20	.044	1	2	.14	15	.01	4	.13	.03	.04	<2	1
L47+00N 46+50E	<1	3	3	11	<.3	<1	<1	10	.20	<2	<5	<2	<2	38	.2	<2	<2	1	.39	.037	1	1	.15	10	<.01	6	.06	.03	.06	<2	<1
L47+00N 47+00E	1	3	3	17	<.3	2	<1	50	1.03	2	<5	<2	<2	20	.2	<2	2	4	.25	.054	1	1	.05	8	<.01	<3	.14	.02	.02	<2	<1
L47+00N 47+50E	1	3	6	21	<.3	<1	<1	28	.29	<2	7	<2	<2	13	<.2	<2	<2	2	.08	.041	1	1	.07	4	<.01	3	.07	.03	.03	<2	<1
L47+00N 48+00E	1	3	7	18	<.3	2	<1	91	.66	4	<5	<2	<2	23	<.2	<2	2	17	.18	.039	3	5	.06	14	.03	3	.42	.02	.03	<2	1
L47+00N 48+50E	<1	10	6	18	.4	<1	1	227	2.03	<2	<5	<2	<2	34	<.2	<2	3	27	.43	.041	3	6	.10	17	.03	3	1.01	.02	.03	<2	<1
L47+00N 49+00E	1	24	14	27	<.3	4	2	197	1.50	3	<5	<2	<2	9	.7	<2	3	69	.13	.018	5	15	.48	19	.12	<3	2.57	.01	.06	<2	9
L47+00N 49+50E	2	25	22	43	<.3	9	2	249	4.44	22	<5	<2	2	11	<.2	<2	3	129	.15	.012	5	24	.52	24	.20	<3	2.43	.01	.03	<2	88
L47+00N 50+00E	1	4	12	18	<.3	4	<1	63	.74	<2	<5	<2	<2	17	.3	<2	3	42	.15	.022	4	8	.16	17	.09	<3	1.02	.02	.04	<2	10
L46+00N 35+00E	1	6	9	24	.6	2	1	42	.88	<2	<5	<2	<2	30	<.2	<2	<2	33	.21	.049	3	4	.10	17	.02	<3	.98	.02	.03	<2	1
L46+00N 35+50E	<1	<1	18	4	<.3	<1	<1	16	.43	2	<5	<2	<2	4	<.2	<2	<2	23	.02	.005	4	2	.03	12	.03	<3	.71	<.01	.03	<2	2
L46+00N 36+00E	1	6	21	44	<.3	3	2	294	1.86	<2	<5	<2	<2	6	.3	<2	<2	106	.06	.009	5	12	.45	14	.24	<3	1.74	<.01	.03	<2	3
L46+00N 36+50E	1	6	22	24	.5	4	<1	199	.91	3	<5	<2	<2	8	.2	<2	<2	56	.07	.024	6	14	.42	11	.10	<3	1.66	.01	.04	<2	2
L46+00N 37+00E	<1	5	6	20	<.3	3	1	27	.29	3	<5	<2	<2	20	<.2	<2	2	5	.07	.034	2	4	.12	10	.01	4	.24	.02	.03	<2	1
L46+00N 37+50E	<1	2	11	10	<.3	<1	1	107	.76	4	<5	<2	<2	2	<.2	<2	2	28	.01	.006	14	4	.10	13	.02	3	.77	<.01	.03	<2	1
L46+00N 38+00E	<1	3	11	14	<.3	<1	<1	13	.29	<2	<5	<2	<2	21	.3	<2	<2	2	.06	.038	2	1	.12	4	.01	3	.14	.02	.03	<2	1
L46+00N 38+50E	<1	2	4	10	<.3	<1	<1	14	.05	<2	<5	<2	<2	50	<.2	<2	<2	1	.29	.027	<1	1	.25	8	<.01	4	.05	.03	.04	<2	2
L46+00N 39+00E	<1	2	8	11	<.3	1	<1	17	.15	<2	<5	<2	<2	13	<.2	<2	<2	4	.04	.031	1	3	.07	6	.01	4	.15	.02	.02	<2	1
L46+00N 39+50E	<1	3	4	23	<.3	<1	<1	16	.14	<2	<5	<2	<2	33	<.2	<2	2	1	.30	.038	1	1	.13	8	<.01	4	.11	.02	.03	<2	1
L46+00N 40+00E	<1	2	<3	61	<.3	1	1	14	.32	<2	<5	<2	<2	24	.4	<2	<2	1	.15	.038	1	1	.13	8	<.01	5	.08	.03	.03	<2	1
L46+00N 40+50E	<1	4	4	18	<.3	1	<1	23	.37	7	<5	<2	<2	23	<.2	<2	<2	1	.12	.027	1	1	.10	8	<.01	3	.09	.02	.03	<2	2
L46+00N 41+00E	<1	4	6	20	<.3	1	<1	37	.36	2	<5	<2	<2	38	<.2	<2	<2	2	.38	.054	1	1	.12	13	<.01	3	.10	.03	.06	<2	1
L46+00N 41+50E	<1	2	6	17	<.3	2	<1	21	.12	2	<5	<2	<2	24	<.2	<2	2	1	.05	.023	<1	1	.17	4	<.01	3	.08	.03	.02	<2	1
L46+00N 42+00E	<1	3	9	10	<.3	<1	<1	19	.21	<2	<5	<2	<2	46	.2	<2	3	1	.33	.040	<1	1	.20	9	<.01	<3	.07	.03	.04	<2	1
STANDARD C/AU-S	20	60	38	135	6.1	68	30	1105	4.13	38	22	8	39	54	18.8	20	25	62	.52	.095	41	64	.93	179	.10	26	2.10	.06	.17	12	50

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

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
L46+00N 42+50E	<1	3	<3	33	<.3	2	<1	12	.23	<2	<5	<2	<2	9	<.2	<2	<2	2	.08	.024	1	2	.04	8	.01	3	.11	.02	.01	<2	2
L46+00N 43+00E	<1	4	<3	15	<.3	3	1	39	.25	3	<5	<2	<2	22	.3	3	<2	3	.21	.018	1	2	.09	10	.01	4	.14	.02	.02	<2	1
L45+00N 50+00E	1	20	22	35	<.3	6	4	173	5.86	9	<5	<2	<2	6	.4	<2	3	130	.08	.009	3	22	.38	8	.15	<3	1.94	<.01	.02	<2	1
L45+00N 50+50E	2	49	3	83	<.3	13	7	375	4.19	23	<5	<2	2	11	.5	<2	<2	95	.15	.012	3	30	.77	38	.18	4	4.01	.01	.02	<2	6
L45+00N 51+00E	2	38	6	49	<.3	7	3	239	1.76	8	<5	<2	<2	10	.3	2	<2	120	.13	.010	5	36	.58	20	.21	4	3.95	.01	.02	<2	18
L45+00N 51+50E	2	46	12	60	<.3	8	5	313	6.22	26	<5	<2	2	9	1.0	<2	2	119	.12	.012	4	41	.60	35	.16	<3	3.73	.01	.03	<2	5
L45+00N 52+00E	<1	2	<3	24	<.3	2	<1	17	.16	<2	<5	<2	<2	25	<.2	<2	<2	2	.21	.038	1	2	.10	7	<.01	<3	.13	.02	.01	<2	1
L45+00N 52+50E	<1	13	<3	9	<.3	3	<1	174	.90	7	<5	<2	<2	48	.5	2	4	10	.72	.034	3	3	.08	15	.01	3	.52	.02	.01	<2	<1
L45+00N 53+00E not rec.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L45+00N 53+50E	<1	4	<3	18	<.3	3	1	13	.24	2	<5	<2	<2	21	<.2	3	<2	4	.19	.026	1	2	.10	5	.01	4	.16	.02	.02	<2	1
RE L45+00N 53+50E	<1	4	<3	19	<.3	1	1	10	.25	<2	<5	<2	<2	22	.2	<2	<2	4	.20	.027	1	2	.10	3	.01	4	.17	.02	.02	<2	1
L45+00N 54+00E	1	5	10	20	<.3	5	2	141	1.26	4	<5	<2	<2	10	.3	2	<2	41	.15	.006	6	12	.24	20	.05	<3	2.07	.01	.01	<2	7
L45+00N 54+50E	1	16	12	44	<.3	7	3	220	1.60	10	<5	<2	<2	12	.4	<2	2	66	.16	.006	7	20	.43	33	.10	<3	2.80	.01	.03	<2	8
L45+00N 55+00E	2	32	15	44	<.3	5	3	228	5.23	19	<5	<2	<2	8	.5	<2	5	120	.12	.011	5	26	.36	15	.12	<3	2.54	<.01	.02	<2	3
L45+00N 55+50E	1	4	<3	21	<.3	1	1	24	.77	<2	<5	<2	<2	15	<.2	<2	<2	6	.08	.033	1	1	.07	17	.01	3	.22	.02	.02	<2	<1
L45+00N 56+00E	1	5	3	34	<.3	2	1	19	.27	<2	<5	<2	<2	14	<.2	3	<2	4	.11	.042	2	2	.06	8	.01	<3	.20	.03	.02	<2	<1
L45+00N 56+50E	<1	3	<3	14	<.3	2	1	17	.57	2	<5	<2	<2	24	<.2	2	<2	3	.26	.030	<1	1	.06	10	.01	<3	.12	.02	.02	<2	<1
L45+00N 57+00E	2	27	16	38	<.3	6	2	170	6.33	15	<5	<2	3	8	.2	2	<2	118	.10	.010	4	31	.29	15	.18	<3	2.12	.01	.02	<2	17
L45+00N 57+50E	2	12	10	14	.5	4	1	59	5.86	4	<5	<2	3	4	<.2	<2	3	103	.06	.009	5	14	.11	18	.12	<3	2.09	.01	.02	<2	3
L45+00N 58+00E	<1	4	<3	29	<.3	4	2	56	.76	6	<5	<2	<2	37	<.2	2	2	6	.43	.039	2	2	.05	21	.01	3	.27	.02	.01	<2	<1
L45+00N 58+50E	<1	6	<3	19	<.3	3	1	10	.31	<2	<5	<2	<2	13	.2	<2	2	7	.06	.038	2	3	.05	13	.02	<3	.37	.02	.02	<2	1
L45+00N 59+00E	<1	4	<3	12	<.3	3	1	27	.33	6	<5	<2	<2	12	<.2	3	<2	2	.11	.022	1	2	.04	13	.01	3	.13	.01	.01	<2	<1
L45+00N 59+50E	1	4	<3	24	<.3	2	1	23	.27	<2	<5	<2	<2	17	.2	<2	<2	4	.04	.028	1	3	.11	10	.01	4	.23	.02	.02	<2	<1
L45+00N 60+00E	2	57	20	55	<.3	6	3	220	4.89	46	<5	<2	2	8	.7	<2	2	113	.12	.013	4	38	.34	23	.16	<3	4.06	.01	.01	<2	29
L45+00N 60+50E	2	47	15	39	<.3	9	2	249	1.80	11	<5	<2	<2	10	.3	3	4	86	.12	.014	6	29	.77	28	.17	<3	3.66	<.01	.05	<2	11
L45+00N 61+00E	3	52	17	58	<.3	9	2	256	5.29	20	<5	<2	4	8	.9	<2	5	115	.10	.014	4	41	.48	21	.18	<3	4.48	.01	.02	<2	5
L45+00N 61+50E	3	77	16	63	<.3	11	4	257	5.88	52	<5	<2	2	7	.4	<2	6	123	.08	.016	3	50	.44	23	.19	4	6.53	<.01	.02	<2	5
L45+00N 62+00E	4	124	19	74	.3	10	4	280	6.04	30	<5	<2	4	9	1.0	<2	<2	128	.12	.018	3	49	.50	21	.21	<3	5.87	.01	.02	<2	6
L45+00N 62+50E	4	58	18	48	<.3	10	2	244	6.21	28	<5	<2	2	12	.4	<2	<2	132	.16	.011	5	48	.50	23	.20	3	3.14	.01	.02	<2	205
L45+00N 63+00E	2	70	18	69	<.3	12	4	252	3.21	34	<5	<2	3	13	.6	3	4	110	.20	.012	4	50	.49	23	.18	<3	4.49	.01	.02	<2	11
L45+00N 63+50E	3	49	9	65	<.3	13	5	282	4.29	43	<5	<2	2	11	.4	<2	<2	103	.16	.015	3	49	.44	21	.19	<3	5.54	.01	.01	<2	18
L45+00N 64+00E	2	50	31	74	<.3	10	4	254	4.68	63	<5	<2	3	9	<.2	<2	<2	106	.14	.014	4	51	.41	26	.17	<3	5.65	.01	.02	<2	13
L44+00N 62+50E	1	5	3	17	<.3	1	<1	35	1.22	12	<5	<2	<2	21	.4	2	2	3	.24	.031	1	2	.04	13	.01	<3	.16	.02	.02	<2	<1
L44+00N 63+00E	<1	7	3	16	<.3	2	1	25	.42	<2	<5	<2	<2	21	.3	2	2	4	.21	.019	1	2	.05	16	.01	<3	.24	.02	.01	<2	<1
L44+00N 63+50E	3	54	13	51	<.3	8	3	201	4.96	52	<5	<2	2	9	.4	<2	<2	102	.12	.021	3	45	.31	16	.18	3	5.17	.01	.02	<2	7
STANDARD C/AU-S	20	59	37	124	6.0	69	31	981	3.93	43	21	7	36	52	16.5	19	21	59	.53	.086	41	60	.87	191	.09	28	1.98	.06	.16	12	54

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

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
L44+00N 64+00E	2	20	13	38	.4	5	2	179	6.11	30	<5	<2	4	9	.9	2	<2	143	.18	.010	4	42	.31	22	.25	<3	2.61	.01	.03	<2	23
L44+00N 64+50E	1	14	22	41	<.3	8	3	180	1.40	11	<5	<2	<2	16	.4	<2	<2	53	.19	.010	7	23	.42	24	.12	3	2.06	.01	.02	<2	5
L44+00N 65+00E	2	12	18	40	<.3	8	3	197	1.68	32	<5	<2	<2	13	.7	<2	<2	60	.23	.014	7	29	.43	20	.13	<3	2.42	.01	.01	<2	4
L44+00N 65+50E	3	26	21	36	<.3	5	1	168	8.11	19	5	<2	4	9	1.0	2	<2	129	.10	.016	6	53	.36	20	.16	<3	4.76	.01	.02	<2	4
L44+00N 66+00E	<1	3	<3	19	<.3	<1	<1	14	.18	3	<5	<2	<2	23	.3	<2	<2	3	.09	.027	1	1	.13	8	.01	4	.16	.02	.01	<2	1
L44+00N 66+50E	<1	3	<3	31	<.3	1	1	12	.10	7	<5	<2	<2	34	.2	<2	<2	1	.29	.029	1	1	.19	9	<.01	3	.08	.03	.02	<2	<1
L44+00N 67+00E	<1	3	<3	17	<.3	2	1	6	.05	<2	<5	<2	<2	19	.2	<2	<2	2	.08	.021	1	1	.10	7	<.01	<3	.15	.02	.01	<2	1
L44+00N 67+50E	<1	7	12	14	.7	1	<1	17	.11	9	<5	<2	<2	12	.3	<2	<2	12	.03	.047	5	9	.07	5	.01	<3	.76	.02	.02	<2	1
L44+00N 68+00E	<1	4	3	7	.3	1	<1	9	.36	11	<5	<2	<2	11	.2	<2	<2	13	.12	.025	4	6	.04	11	.01	<3	.48	.02	.01	<2	<1
L44+00N 68+50E	<1	1	<3	29	<.3	<1	<1	17	.22	9	<5	<2	<2	19	.3	<2	<2	3	.20	.027	2	1	.06	9	.01	<3	.18	.02	.01	<2	1
L44+00N 69+00E	2	45	16	71	.6	12	4	254	5.18	53	<5	<2	3	13	.8	<2	<2	136	.23	.017	4	48	.46	20	.21	<3	4.48	.01	.02	<2	4
L44+00N 69+50E	2	14	12	23	.3	2	2	89	4.57	31	<5	<2	2	7	.7	<2	4	196	.11	.007	6	42	.12	15	.13	<3	3.00	.01	.01	<2	5
RE L44+00N 69+50E	2	15	15	22	.3	3	1	82	4.44	31	<5	<2	2	6	.6	<2	<2	189	.11	.006	6	40	.12	15	.12	4	2.92	.01	.01	<2	8
L44+00N 70+00E	2	57	34	85	.6	15	6	298	4.99	52	<5	<2	3	12	.2	<2	<2	141	.18	.013	4	52	.58	34	.15	<3	4.78	.01	.02	<2	7
L43+00N 35+00E	1	4	<3	7	<.3	<1	<1	17	.29	2	<5	<2	<2	13	.2	<2	<2	4	.08	.030	1	2	.10	7	.01	<3	.14	.02	.02	<2	<1
L43+00N 35+50E	<1	3	<3	4	<.3	<1	<1	13	.22	<2	<5	<2	<2	18	.3	<2	<2	2	.12	.014	1	1	.09	4	<.01	<3	.11	.02	<.01	<2	<1
L43+00N 36+00E	<1	2	<3	8	<.3	1	<1	18	.16	<2	<5	<2	<2	30	<.2	<2	<2	1	.07	.036	1	1	.23	11	<.01	3	.10	.03	.03	<2	<1
L43+00N 36+50E	<1	3	<3	7	<.3	<1	<1	17	.13	<2	<5	<2	<2	28	<.2	<2	<2	3	.19	.031	1	2	.18	7	.01	<3	.14	.02	.02	<2	1
L43+00N 37+00E	<1	2	<3	12	<.3	2	<1	25	.10	5	<5	<2	<2	36	.2	<2	<2	1	.36	.030	1	1	.18	8	<.01	3	.07	.03	.02	<2	1
L43+00N 37+50E	<1	4	<3	8	<.3	2	<1	36	.16	<2	<5	<2	<2	31	<.2	<2	<2	1	.34	.066	1	1	.14	6	<.01	3	.08	.03	.05	<2	1
L43+00N 38+00E	<1	4	<3	11	<.3	<1	<1	26	.08	<2	<5	<2	<2	51	.2	<2	<2	1	.64	.047	1	1	.15	6	<.01	5	.06	.04	.06	<2	1
L43+00N 38+50E	<1	3	4	10	<.3	1	<1	23	.11	<2	<5	<2	<2	42	<.2	<2	<2	1	.14	.041	1	1	.20	13	<.01	5	.09	.03	.04	<2	1
L43+00N 39+00E	<1	3	<3	9	<.3	1	<1	12	.13	<2	<5	<2	<2	30	<.2	<2	<2	1	.14	.028	1	1	.18	8	<.01	3	.11	.03	.02	<2	<1
L43+00N 39+50E	1	5	<3	5	<.3	1	1	16	.24	<2	<5	<2	<2	23	.3	<2	<2	7	.14	.026	2	1	.08	14	.01	<3	.35	.02	.01	<2	<1
L43+00N 40+00E	<1	3	<3	7	<.3	<1	<1	15	.27	<2	<5	<2	<2	21	.2	<2	<2	1	.12	.030	1	1	.08	4	<.01	5	.08	.02	.02	<2	<1
L43+00N 40+50E	<1	3	<3	6	<.3	1	<1	12	.34	2	<5	<2	<2	20	<.2	<2	<2	1	.08	.028	1	1	.09	8	<.01	<3	.10	.02	.01	<2	<1
L43+00N 41+00E	<1	3	<3	15	<.3	3	1	21	.40	5	<5	<2	<2	17	.2	<2	<2	2	.16	.042	1	2	.08	9	<.01	<3	.10	.03	.02	<2	1
L43+00N 41+50E	<1	1	<3	11	<.3	1	<1	26	.24	<2	<5	<2	<2	30	.2	<2	<2	1	.16	.032	1	1	.17	6	<.01	3	.06	.03	.02	<2	1
L43+00N 42+00E	<1	3	<3	9	<.3	1	<1	18	.22	<2	<5	<2	<2	41	.2	<2	<2	1	.22	.054	1	1	.14	8	<.01	<3	.07	.02	.05	<2	<1
L43+00N 42+50E	1	3	<3	7	<.3	<1	1	29	.95	33	<5	<2	<2	28	.2	<2	<2	2	.19	.064	1	2	.11	8	<.01	3	.09	.05	.05	<2	<1
L43+00N 43+00E	<1	5	14	6	<.3	2	1	52	.32	2	<5	<2	<2	3	<.2	<2	<2	62	.04	.007	4	9	.09	6	.08	<3	1.13	.01	.02	<2	1
L43+00N 43+50E	<1	5	<3	9	.3	3	1	45	.50	4	<5	<2	<2	13	<.2	<2	<2	15	.04	.033	2	5	.14	16	.03	<3	.58	.02	.02	<2	1
L43+00N 44+00E	2	12	13	30	.4	2	2	175	4.24	8	<5	<2	<2	6	.6	<2	<2	136	.07	.010	4	14	.38	20	.14	<3	1.75	<.01	.02	<2	2
L43+00N 44+50E	1	12	15	25	.3	3	2	182	2.98	4	<5	<2	<2	6	.3	<2	2	109	.08	.011	5	16	.41	14	.14	<3	1.95	<.01	.02	<2	3
L43+00N 45+00E	2	26	20	46	.7	7	3	267	3.88	13	<5	<2	2	9	.5	<2	<2	120	.10	.010	6	23	.65	22	.13	<3	2.90	.01	.02	<2	5
STANDARD C/AU-S	22	58	36	125	6.2	69	31	1037	3.95	46	18	8	44	51	17.8	17	20	57	.50	.095	40	56	.87	189	.05	26	1.81	.06	.14	12	51

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

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
L43+00N 45+50E	1	8	9	15	.5	<1	<1	132	1.46	<2	<5	<2	2	7	<.2	3	<2	86	.08	.018	4	13	.33	<1	.04	<3	1.67	.01	.02	2	3
L43+00N 46+00E	1	28	32	28	.4	5	3	231	1.07	5	<5	<2	<2	9	1.7	4	<2	113	.12	.016	6	25	.59	21	.07	<3	3.40	<.01	.02	<2	3
L43+00N 46+50E	2	82	46	73	.4	3	3	567	3.00	54	<5	<2	3	6	1.2	2	<2	136	.05	.012	6	12	1.26	40	.01	<3	4.43	<.01	.05	<2	5
L43+00N 47+00E	2	39	8	49	.3	6	3	259	5.87	26	<5	<2	4	8	<.2	4	<2	131	.10	.025	7	36	.65	25	.18	3	6.68	<.01	.03	<2	3
L43+00N 47+50E	1	19	5	18	<.3	5	2	108	1.24	<2	<5	<2	<2	14	<.2	<2	<2	34	.14	.030	2	8	.27	13	.05	<3	1.34	.01	.02	<2	2
L43+00N 48+00E	<1	2	<3	6	<.3	4	<1	13	.14	<2	<5	<2	<2	25	<.2	<2	2	3	.07	.021	1	2	.15	9	.01	<3	.23	.02	.01	<2	<1
L43+00N 48+50E	<1	4	<3	4	<.3	2	<1	11	.26	<2	<5	<2	<2	15	<.2	<2	<2	3	.12	.031	1	2	.06	6	.01	<3	.20	.02	.01	<2	<1
L43+00N 49+00E	1	7	6	4	<.3	4	<1	12	.11	<2	<5	<2	<2	24	.4	<2	<2	6	.25	.025	1	3	.10	9	.01	<3	.22	.02	.01	<2	<1
L43+00N 49+50E	1	2	5	10	<.3	2	<1	19	.21	<2	<5	<2	<2	38	.5	<2	2	3	.08	.048	1	3	.18	9	.01	<3	.22	.03	.03	<2	1
L43+00N 50+00E	<1	2	<3	6	<.3	<1	<1	29	.22	<2	<5	<2	<2	13	<.2	<2	2	4	.06	.037	2	3	.06	<1	.01	<3	.32	.01	.02	<2	1
L43+00N 50+50E	<1	2	<3	8	<.3	1	<1	6	.05	<2	<5	<2	<2	60	.4	<2	<2	1	.03	.028	1	1	.39	6	<.01	<3	.11	.04	.02	<2	<1
L43+00N 51+00E	<1	2	3	53	<.3	<1	<1	14	.12	<2	<5	<2	<2	30	.4	<2	<2	1	.23	.042	<1	1	.24	12	<.01	4	.10	.03	.02	<2	<1
L43+00N 51+50E	<1	2	<3	42	<.3	<1	<1	19	.19	<2	<5	<2	<2	24	.9	<2	<2	1	.09	.038	1	1	.19	6	<.01	<3	.12	.02	.02	<2	<1
L43+00N 52+00E	1	1	<3	40	<.3	2	<1	31	.21	<2	<5	<2	<2	37	<.2	<2	<2	1	.28	.039	1	2	.18	12	<.01	<3	.09	.03	.02	<2	<1
L43+00N 52+50E	<1	7	<3	66	<.3	1	<1	56	.70	<2	<5	<2	<2	45	1.8	<2	<2	12	.22	.031	1	3	.26	6	.03	<3	.43	.03	.01	<2	<1
L43+00N 53+00E	2	58	16	58	.5	7	4	308	5.16	22	<5	<2	3	12	3.3	3	2	103	.13	.024	5	30	.55	25	.17	<3	5.20	<.01	.02	<2	4
L43+00N 53+50E	<1	4	<3	18	<.3	<1	<1	54	.16	<2	<5	<2	<2	35	<.2	<2	<2	4	.16	.032	1	3	.15	6	.01	<3	.23	.03	.04	<2	1
RE L43+00N 55+00E	3	34	13	39	.6	7	4	223	4.99	13	<5	<2	3	16	1.3	<2	<2	121	.21	.029	3	41	.43	19	.23	<3	4.60	<.01	.02	<2	5
L43+00N 54+00E	<1	3	<3	24	<.3	<1	<1	16	.16	<2	<5	<2	<2	17	<.2	<2	2	4	.08	.024	1	3	.07	3	.02	<3	.29	.02	.01	<2	<1
L43+00N 54+50E	2	39	16	68	<.3	6	4	378	6.96	37	<5	<2	3	10	1.7	<2	<2	125	.13	.014	5	31	.67	38	.15	5	3.26	<.01	.03	<2	5
L43+00N 55+00E	4	37	5	40	.6	6	3	230	5.13	14	<5	<2	3	15	1.5	<2	<2	124	.20	.027	3	43	.44	19	.23	3	4.76	.01	.02	<2	3
L43+00N 55+50E	3	75	16	82	.5	9	6	443	6.20	37	<5	<2	4	13	3.2	<2	<2	121	.17	.023	4	47	.80	26	.19	<3	4.30	.01	.03	<2	8
L43+00N 56+00E	1	9	30	20	.4	3	1	149	1.09	8	<5	<2	2	9	<.2	<2	<2	101	.11	.007	6	22	.29	16	.18	<3	1.67	<.01	.03	<2	10
L43+00N 56+50E	3	17	<3	27	.4	6	2	154	4.98	21	<5	<2	3	9	.3	2	<2	122	.11	.011	6	29	.28	22	.16	<3	2.65	<.01	.03	<2	4
L43+00N 57+00E	1	7	19	9	.7	<1	<1	73	1.23	<2	<5	<2	<2	6	<.2	<2	3	63	.07	.010	5	12	.14	10	.13	<3	1.19	<.01	.03	<2	7
L43+00N 57+50E	<1	1	<3	42	<.3	<1	<1	94	.78	18	<5	<2	<2	24	<.2	<2	<2	5	.27	.048	1	1	.08	4	.01	<3	.14	.02	.02	<2	<1
L43+00N 58+00E	1	4	<3	24	<.3	<1	<1	306	.98	8	<5	<2	<2	43	.8	<2	<2	19	.62	.028	3	5	.07	13	.01	<3	.46	.01	.01	<2	9
L43+00N 58+50E	<1	5	<3	19	<.3	<1	<1	31	.26	<2	<5	<2	<2	12	.2	<2	<2	10	.11	.038	2	3	.04	7	.03	<3	.38	.01	.02	<2	1
L43+00N 59+00E	<1	3	5	14	<.3	1	<1	21	.11	4	<5	<2	<2	7	1.3	<2	2	11	.03	.031	3	7	.03	6	.02	<3	.91	<.01	.01	<2	1
L43+00N 59+50E	1	26	<3	46	<.3	4	1	151	2.19	18	<5	<2	<2	17	<.2	<2	<2	35	.19	.048	2	13	.27	13	.07	<3	1.32	.02	.02	<2	2
L43+00N 60+00E	<1	6	<3	18	.3	1	<1	36	.41	<2	<5	<2	<2	19	.4	<2	<2	6	.17	.039	2	5	.06	10	.01	<3	.36	.01	.02	<2	1
L43+00N 60+50E	4	300	7	36	<.3	3	2	205	3.30	17	<5	<2	3	12	<.2	2	<2	136	.14	.028	7	22	1.19	36	.21	<3	5.49	.01	.11	<2	11
L43+00N 61+00E	2	48	7	72	<.3	4	3	283	5.65	71	<5	<2	4	9	1.0	<2	<2	125	.12	.013	4	41	.45	20	.18	<3	4.61	<.01	.03	<2	9
L43+00N 61+50E	1	10	<3	12	<.3	<1	<1	23	.29	6	<5	<2	<2	9	1.2	<2	2	20	.06	.026	5	7	.03	17	.01	<3	.87	<.01	.02	<2	5
L43+00N 62+00E	1	4	5	14	<.3	3	<1	19	.60	3	<5	<2	<2	13	.3	<2	<2	7	.08	.036	4	5	.04	10	.01	<3	.29	.01	.03	<2	2
STANDARD C/AU-S	22	60	39	127	6.5	64	31	1045	4.04	44	21	8	48	54	18.2	17	22	59	.51	.092	41	57	.89	180	.06	24	1.94	.06	.15	12	56

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

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
L43+00N 62+50E	4	48	23	87	<.3	7	5	333	5.92	87	<5	<2	6	12	3.1	<2	3	118	.15	.023	5	48	.59	28	.20	<3	4.97	<.01	.02	<2	9
L43+00N 63+00E	2	9	18	25	.4	2	2	111	3.65	18	<5	<2	3	6	2.1	<2	<2	122	.08	.006	4	14	.20	14	.16	<3	1.20	.01	.03	<2	6
L43+00N 63+50E	<1	6	5	40	<.3	1	1	19	.24	<2	<5	<2	<2	33	.2	<2	<2	3	.16	.032	1	3	.13	25	.01	4	.14	.02	.02	<2	<1
L43+00N 64+00E	2	21	16	37	<.3	3	1	129	6.19	56	<5	<2	3	5	3.0	<2	<2	158	.07	.009	3	35	.16	7	.13	<3	2.12	<.01	.02	<2	5
L43+00N 64+50E	2	35	26	62	<.3	9	3	216	5.95	49	<5	<2	5	8	1.3	<2	2	138	.11	.009	4	45	.38	11	.15	<3	3.76	.01	.02	<2	4
L43+00N 65+00E	3	44	14	68	.5	7	4	224	6.79	64	<5	<2	5	8	1.9	<2	<2	150	.12	.018	3	77	.43	17	.20	<3	6.81	<.01	.02	<2	4
L43+00N 65+50E	2	48	36	101	<.3	12	4	256	4.72	126	<5	<2	4	9	2.3	<2	2	121	.14	.014	5	53	.49	21	.16	<3	5.14	.01	.02	<2	15
L43+00N 66+00E	<1	3	3	32	<.3	1	<1	47	.12	2	<5	<2	<2	44	.8	<2	<2	2	.10	.026	1	2	.22	4	<.01	4	.10	.03	.02	<2	<1
L43+00N 66+50E	<1	4	<3	27	<.3	<1	1	34	.13	2	<5	<2	<2	46	.2	<2	<2	2	.24	.031	<1	1	.21	14	.01	3	.11	.03	.02	<2	<1
L43+00N 67+00E	3	30	29	55	.6	10	2	198	2.60	77	<5	<2	3	13	<.2	<2	<2	148	.18	.012	4	55	.46	25	.18	<3	4.67	.01	.01	<2	4
L43+00N 67+50E	3	35	28	34	.4	6	3	156	4.42	58	<5	<2	3	9	2.6	<2	3	163	.14	.011	4	46	.34	18	.13	<3	3.53	.01	.02	<2	3
L43+00N 68+00E	<1	4	7	16	<.3	2	<1	79	.22	3	<5	<2	<2	20	.4	<2	<2	4	.23	.027	1	2	.07	<1	.01	5	.22	.02	.01	<2	<1
L43+00N 68+50E	<1	5	3	52	<.3	5	<1	42	.32	6	<5	<2	<2	27	.9	<2	<2	7	.35	.033	1	3	.09	14	.01	4	.29	.02	.02	<2	<1
L43+00N 69+00E	2	24	43	45	<.3	5	2	160	3.46	49	<5	<2	3	9	.4	<2	<2	114	.14	.009	4	32	.28	18	.10	<3	3.18	.01	.02	<2	5
L43+00N 69+50E	3	41	23	76	.5	15	6	310	7.20	72	<5	<2	4	11	<.2	<2	<2	135	.18	.012	5	57	.64	39	.16	4	3.53	.01	.02	<2	4
L43+00N 70+00E	2	21	28	40	.5	4	2	167	3.01	58	<5	<2	2	15	2.0	<2	3	121	.41	.014	6	48	.52	11	.16	<3	2.63	<.01	.02	<2	3
L42+00N 48+00E	<1	5	8	11	<.3	2	1	41	.62	4	<5	<2	<2	32	<.2	<2	<2	15	.30	.031	1	4	.17	7	.03	3	.43	.02	.02	<2	<1
RE L42+00N 48+00E	1	4	<3	10	<.3	3	1	31	.53	<2	<5	<2	<2	28	.4	<2	<2	12	.26	.027	1	3	.15	11	.03	3	.36	.02	.02	<2	<1
L42+00N 48+50E	3	51	14	60	.4	6	5	270	4.20	20	<5	<2	3	11	2.8	<2	<2	92	.14	.023	3	32	.66	28	.15	<3	4.77	.01	.02	<2	5
L42+00N 49+00E	2	65	19	90	<.3	12	6	373	5.39	28	<5	<2	4	10	.3	<2	<2	106	.14	.021	4	32	.76	42	.18	<3	4.61	.01	.03	<2	2
L42+00N 49+50E	<1	4	<3	6	<.3	1	<1	27	.39	2	<5	<2	<2	11	<.2	<2	<2	10	.08	.023	1	4	.06	14	.02	3	.84	.01	.01	<2	<1
L42+00N 50+00E not rec.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L42+00N 50+50E	<1	3	<3	62	<.3	2	1	20	.23	<2	<5	<2	<2	40	1.2	<2	<2	2	.35	.050	<1	1	.18	4	<.01	3	.11	.03	.05	<2	<1
L42+00N 51+00E	<1	2	4	25	<.3	2	<1	21	.25	<2	<5	<2	<2	28	.8	<2	<2	4	.23	.025	<1	3	.19	7	.01	<3	.12	.03	.01	<2	<1
L42+00N 51+50E	1	54	16	89	<.3	8	6	371	4.66	30	<5	<2	3	9	<.2	<2	<2	98	.12	.019	3	28	.60	32	.15	3	4.41	.01	.03	<2	7
L42+00N 52+00E	1	43	30	132	<.3	9	8	446	5.37	21	<5	<2	3	8	<.2	<2	<2	105	.09	.018	4	31	1.11	29	.12	<3	4.63	<.01	.02	<2	3
L42+00N 52+50E	2	23	10	54	<.3	6	2	275	5.16	18	<5	<2	3	9	1.0	<2	<2	120	.12	.005	4	24	.48	25	.14	<3	2.93	<.01	.02	<2	4
L42+00N 53+00E	<1	9	3	47	<.3	2	1	110	.88	6	<5	<2	<2	19	.4	<2	<2	23	.16	.028	2	6	.20	18	.05	<3	.86	.02	.02	<2	<1
L42+00N 53+50E	3	43	17	49	<.3	4	3	252	5.96	25	<5	<2	4	8	1.8	<2	<2	126	.11	.015	3	35	.40	25	.15	3	3.50	<.01	.02	<2	20
L42+00N 54+00E	2	44	24	51	.3	4	2	253	6.05	23	5	<2	4	6	<.2	<2	<2	112	.08	.015	3	29	.40	18	.14	<3	3.60	.01	.03	<2	6
L42+00N 54+50E	3	25	18	25	<.3	1	1	140	4.65	5	<5	<2	3	10	<.2	<2	<2	108	.17	.013	5	34	.26	15	.16	<3	3.21	<.01	.02	<2	6
L42+00N 55+00E	4	48	16	52	<.3	11	4	240	5.11	12	<5	<2	4	12	.4	<2	<2	103	.17	.024	5	47	.47	25	.18	3	5.52	.01	.02	<2	8
L42+00N 55+50E	2	50	16	95	.4	8	4	397	5.78	21	5	<2	4	9	<.2	<2	<2	106	.14	.020	6	33	.72	36	.14	<3	3.93	.01	.03	<2	6
L42+00N 56+00E	<1	3	<3	17	.3	3	<1	28	.76	<2	6	<2	<2	34	1.1	<2	<2	7	.05	.040	1	2	.18	8	.02	3	.33	.02	.02	<2	<1
L42+00N 56+50E	3	36	11	64	1.0	10	3	279	2.63	14	<5	<2	3	11	<.2	<2	<2	95	.17	.021	6	31	.64	18	.15	<3	4.28	.01	.02	<2	5
STANDARD C/AU-S	22	59	38	125	6.3	63	32	1004	4.07	41	16	9	44	51	19.4	16	19	58	.51	.094	40	57	.88	188	.05	27	1.88	.06	.14	13	51

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

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
L42+00N 57+00E	3	43	12	61	<.3	10	4	344	5.28	43	<5	<2	2	12	.3	<2	3	131	.11	.019	4	32	.70	44	.20	<3	4.31	.01	.06	<2	11
L42+00N 57+50E	1	6	8	39	.3	4	1	40	.46	12	<5	<2	<2	13	.3	<2	2	8	.07	.038	2	3	.07	19	.01	3	.32	.02	.02	<2	1
L42+00N 58+00E	3	51	12	47	<.3	10	3	219	3.38	25	<5	<2	<2	10	.4	<2	<2	125	.11	.015	4	31	.50	26	.17	<3	4.67	.01	.02	<2	6
L42+00N 58+50E	2	53	7	53	.3	7	6	255	4.36	38	<5	<2	<2	13	.5	<2	<2	111	.13	.020	5	38	.53	26	.16	<3	5.64	.01	.02	2	5
L42+00N 59+00E	2	43	18	64	<.3	12	3	288	5.15	55	<5	<2	3	11	<.2	<2	3	133	.13	.012	3	37	.43	26	.19	3	3.36	.01	.02	<2	18
L42+00N 59+50E	2	27	14	32	<.3	4	1	175	3.56	19	<5	<2	<2	9	.4	<2	2	160	.09	.007	6	17	.37	23	.12	<3	2.64	<.01	.02	<2	7
L42+00N 60+00E	<1	4	<3	24	<.3	3	<1	128	.25	<2	<5	<2	<2	39	.2	<2	<2	5	.18	.021	1	3	.15	18	.01	4	.18	.02	.01	<2	1
L42+00N 60+50E	<1	5	4	29	<.3	5	<1	21	.10	<2	<5	<2	<2	47	.2	<2	<2	1	.41	.024	1	2	.17	17	<.01	3	.08	.03	.02	<2	1
L42+00N 61+00E	2	204	4	111	<.3	9	4	363	4.72	47	<5	<2	2	11	.6	<2	<2	105	.14	.015	7	26	.71	40	.15	<3	3.40	.01	.08	<2	18
L42+00N 61+50E	1	29	<3	22	.4	4	1	70	.22	8	<5	<2	<2	16	.2	<2	<2	24	.20	.029	2	6	.07	9	.03	3	.52	.02	.01	<2	1
L42+00N 62+00E	2	45	22	75	<.3	11	4	312	5.37	51	<5	<2	2	11	.3	<2	2	134	.14	.012	3	40	.51	22	.17	<3	2.99	.01	.01	<2	7
L42+00N 62+50E	1	7	8	17	<.3	2	<1	39	1.88	56	<5	<2	<2	13	.2	<2	<2	19	.09	.049	4	5	.05	17	.02	3	.60	.01	.03	<2	2
L42+00N 63+00E	3	37	18	51	.3	5	2	236	6.53	38	<5	<2	2	11	.6	<2	<2	136	.12	.016	3	36	.40	14	.19	<3	3.63	<.01	.02	<2	10
L42+00N 63+50E	<1	9	5	14	.3	5	<1	42	.59	3	<5	<2	<2	9	<.2	<2	<2	11	.04	.036	2	4	.04	9	.02	<3	.49	.02	.02	<2	<1
L42+00N 64+00E	3	44	9	52	.3	7	4	253	6.51	28	<5	<2	3	9	.5	<2	3	145	.11	.016	4	36	.43	14	.19	<3	3.96	.01	.02	<2	3
L42+00N 64+50E	4	42	3	44	<.3	6	1	230	7.42	20	<5	<2	3	7	.4	<2	<2	172	.07	.016	2	55	.33	13	.23	<3	2.85	.01	.02	<2	2
L42+00N 65+00E	<1	6	<3	22	<.3	3	1	33	.58	2	<5	<2	<2	17	<.2	<2	<2	9	.05	.020	1	4	.11	8	.02	<3	.36	.02	.01	<2	<1
L42+00N 65+50E	<1	4	6	32	<.3	2	<1	13	.13	<2	<5	<2	<2	26	<.2	<2	2	3	.17	.024	1	2	.13	8	.01	<3	.15	.02	.01	<2	1
L42+00N 66+00E	1	4	8	25	<.3	2	<1	9	.10	<2	<5	<2	<2	25	.2	<2	<2	2	.14	.019	<1	1	.13	8	<.01	<3	.09	.03	.01	<2	<1
L42+00N 66+50E	1	6	6	32	<.3	3	<1	53	.17	<2	<5	<2	<2	30	<.2	<2	<2	3	.17	.043	1	2	.15	15	.01	5	.23	.03	.04	<2	1
L42+00N 67+00E	1	5	13	17	.4	3	<1	135	1.19	86	<5	<2	<2	10	<.2	<2	4	33	.07	.018	6	9	.18	12	.02	4	.77	.01	.05	<2	11
RE L42+00N 67+00E	1	5	14	17	.5	4	<1	141	1.23	95	<5	<2	<2	10	.2	<2	<2	35	.07	.020	7	9	.19	20	.02	<3	.80	.01	.05	<2	12
L42+00N 67+50E	1	10	38	26	.3	6	1	171	.67	5	<5	<2	<2	8	<.2	<2	<2	31	.06	.016	5	22	.31	20	.04	<3	1.26	.01	.05	<2	6
L42+00N 68+00E	2	25	20	40	.3	6	2	174	3.72	58	<5	<2	2	10	.4	<2	3	132	.15	.009	5	36	.32	17	.15	<3	2.96	.01	.02	<2	8
L42+00N 68+50E	2	35	24	66	<.3	10	3	263	4.85	88	<5	<2	2	11	<.2	<2	<2	141	.17	.013	5	47	.44	27	.17	3	3.86	.01	.02	<2	11
L42+00N 69+00E	2	33	21	64	<.3	10	5	277	4.50	47	<5	<2	2	10	.9	<2	<2	135	.17	.014	3	45	.45	24	.16	<3	3.80	.01	.02	2	4
L42+00N 69+50E	2	39	21	60	<.3	8	3	275	5.78	71	<5	<2	2	11	.5	<2	<2	153	.16	.011	4	51	.44	27	.19	<3	3.98	.01	.02	2	4
L42+00N 70+00E	3	44	23	61	.3	12	3	263	4.53	44	<5	<2	2	12	<.2	<2	<2	123	.18	.015	5	49	.56	34	.19	<3	4.69	.01	.02	2	7
L41+00N 35+00E	1	6	6	9	<.3	2	1	23	.98	<2	<5	<2	<2	11	<.2	<2	<2	7	.13	.049	1	2	.05	16	.01	3	.18	.02	.02	<2	<1
L41+00N 35+50E	2	18	9	11	<.3	7	1	169	2.60	3	<5	<2	<2	26	<.2	<2	2	69	.41	.038	3	16	.23	18	.06	<3	1.00	.02	.02	<2	<1
L41+00N 36+00E	2	21	5	14	<.3	6	2	150	3.76	<2	<5	<2	<2	22	<.2	<2	<2	107	.22	.016	4	35	.41	26	.07	<3	1.94	.02	.02	<2	4
L41+00N 36+50E	1	4	8	8	<.3	1	1	18	.56	<2	<5	<2	<2	10	<.2	<2	<2	6	.05	.033	1	3	.07	5	.01	3	.19	.02	.02	<2	<1
L41+00N 37+00E	1	4	4	7	<.3	<1	<1	18	2.23	7	<5	<2	<2	11	<.2	<2	<2	3	.07	.047	1	1	.05	4	<.01	<3	.10	.03	.03	<2	<1
L41+00N 37+50E	1	4	6	5	<.3	1	<1	113	1.10	2	5	<2	<2	19	<.2	<2	5	4	.23	.031	1	2	.05	4	.01	<3	.18	.02	.01	<2	<1
L41+00N 38+00E	1	5	12	8	<.3	2	<1	26	.45	<2	<5	<2	<2	24	<.2	<2	<2	2	.21	.053	<1	1	.10	4	<.01	3	.08	.03	.04	<2	<1
STANDARD C/AU-S	20	60	37	120	6.0	63	30	1080	3.95	39	18	8	39	49	17.1	18	21	62	.50	.090	38	57	.86	183	.06	26	1.87	.06	.14	11	46

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L41+00N 38+50E	1	4	4	8	<.3	2	<1	53	.33	<2	<5	<2	<2	25	<.2	2	<2	2	.28	.046	1	1	.09	1	<.01	3	.11	.03	.02	<2	9
L41+00N 39+00E	1	5	8	9	<.3	<1	<1	15	.26	<2	<5	<2	<2	23	.3	<2	<2	1	.10	.032	1	1	.15	4	<.01	4	.09	.03	.03	<2	8
L41+00N 39+50E	<1	5	5	5	<.3	3	<1	12	.14	<2	<5	<2	<2	31	<.2	<2	<2	1	.14	.026	1	1	.17	<1	<.01	4	.13	.03	.02	<2	8
L41+00N 40+00E	<1	4	5	5	<.3	1	<1	6	.14	<2	<5	<2	<2	22	<.2	<2	<2	1	.16	.025	1	1	.13	<1	<.01	4	.07	.02	.01	<2	8
L41+00N 40+50E	<1	4	7	5	<.3	<1	<1	7	.27	3	<5	<2	<2	21	<.2	<2	3	3	.16	.021	1	2	.10	6	.01	<3	.18	.02	.01	<2	8
L41+00N 41+00E	1	3	4	5	<.3	1	<1	53	1.11	5	<5	<2	<2	35	<.2	<2	<2	6	.46	.029	2	1	.06	5	.01	3	.15	.02	.02	<2	7
L41+00N 41+50E	1	5	8	9	<.3	<1	1	141	.25	5	<5	<2	<2	35	.3	<2	<2	2	.13	.033	1	1	.15	5	<.01	6	.14	.03	.03	<2	7
L41+00N 42+00E	<1	3	8	5	<.3	<1	<1	43	.32	6	<5	<2	<2	43	.2	<2	<2	1	.37	.047	<1	1	.16	7	<.01	3	.06	.02	.02	<2	8
L41+00N 42+50E	<1	3	4	6	<.3	<1	1	120	.77	5	<5	<2	<2	41	<.2	<2	<2	2	.37	.050	1	1	.12	2	<.01	<3	.07	.03	.01	<2	8
L41+00N 43+00E	<1	6	8	6	<.3	<1	<1	22	.16	<2	<5	<2	<2	42	<.2	<2	<2	6	.20	.028	1	2	.16	2	.01	5	.21	.03	.02	<2	8
L41+00N 43+50E	2	21	18	34	<.3	4	2	280	2.65	12	<5	<2	2	11	.3	<2	<2	120	.14	.011	6	24	.61	16	.11	<3	2.76	<.01	.03	<2	9
L41+00N 44+00E	1	4	24	6	.4	4	1	35	.24	7	<5	<2	<2	8	<.2	2	<2	45	.03	.011	7	12	.08	11	.05	<3	1.48	.01	.03	<2	10
L41+00N 44+50E	1	19	28	34	.4	3	1	270	4.49	24	<5	<2	2	8	.4	<2	4	146	.10	.011	5	21	.67	14	.07	4	2.93	<.01	.03	<2	9
L41+00N 45+00E	1	12	16	45	<.3	6	3	390	2.69	9	<5	<2	<2	8	.3	<2	<2	124	.16	.017	5	24	1.03	11	.17	<3	2.48	.01	.03	<2	8
L41+00N 45+50E	2	25	26	39	.5	5	3	246	3.49	24	<5	<2	2	9	.5	<2	<2	147	.13	.015	7	29	.54	22	.08	<3	3.75	.01	.02	<2	9
L41+00N 46+00E	1	38	26	17	<.3	6	1	164	1.34	3	<5	<2	<2	7	.3	<2	<2	106	.10	.012	5	34	.43	8	.11	<3	1.77	.01	.02	<2	3
RE L41+00N 46+00E	1	38	22	18	<.3	6	2	162	1.30	6	<5	<2	<2	7	.2	<2	<2	104	.09	.012	5	34	.42	17	.12	<3	1.73	.01	.02	<2	4
L41+00N 46+50E	2	52	29	58	.3	6	4	359	5.94	25	<5	<2	3	9	1.0	<2	3	136	.14	.020	6	29	.67	17	.16	<3	3.79	.01	.03	<2	10
L41+00N 47+00E	<1	8	<3	9	<.3	<1	1	26	.49	3	<5	<2	<2	11	<.2	<2	<2	14	.09	.027	2	4	.07	3	.03	<3	.36	.02	.01	<2	7
L41+00N 47+50E	1	4	<3	7	<.3	2	<1	19	.77	5	<5	<2	<2	13	<.2	<2	<2	6	.09	.043	1	2	.05	5	.01	<3	.24	.02	.02	<2	8
L41+00N 48+00E	1	4	<3	6	<.3	2	<1	13	.44	<2	<5	<2	<2	16	<.2	<2	<2	2	.11	.041	1	2	.07	6	.01	<3	.12	.02	.02	<2	7
L41+00N 48+50E	<1	5	4	11	<.3	3	1	35	.50	4	<5	<2	<2	14	<.2	<2	<2	8	.10	.023	1	3	.09	<1	.01	<3	.27	.02	.01	<2	7
L41+00N 49+00E	<1	3	4	6	<.3	<1	<1	121	1.96	9	<5	<2	<2	48	.3	<2	3	6	.75	.034	<1	1	.07	3	.01	<3	.15	.02	.02	<2	7
L41+00N 49+50E	2	39	21	53	<.3	4	4	320	6.51	27	<5	<2	3	8	.7	<2	2	139	.12	.018	4	30	.68	23	.16	<3	2.90	<.01	.03	<2	10
L41+00N 50+00E	<1	5	3	8	<.3	1	<1	30	.77	6	<5	<2	<2	11	<.2	<2	<2	7	.09	.035	1	3	.08	7	.01	<3	.20	.02	.01	<2	7
L41+00N 50+50E	<1	2	8	13	<.3	2	1	14	.10	2	5	<2	<2	43	<.2	<2	<2	1	.05	.030	1	1	.30	9	<.01	3	.09	.03	.03	<2	7
L41+00N 51+00E	<1	2	5	14	<.3	1	<1	14	.08	<2	<5	<2	<2	47	<.2	<2	<2	1	.73	.040	<1	1	.17	6	<.01	3	.06	.03	.04	<2	8
L41+00N 51+50E	<1	4	12	16	<.3	3	1	10	.15	<2	<5	<2	<2	15	.2	<2	<2	4	.11	.028	2	2	.06	<1	.01	<3	.25	.02	.01	<2	8
L41+00N 52+00E	<1	3	7	26	<.3	<1	<1	43	.25	<2	<5	<2	<2	14	<.2	<2	<2	2	.13	.037	1	1	.06	6	.01	<3	.14	.02	.03	<2	7
L41+00N 52+50E	<1	10	28	42	.5	2	3	374	5.35	18	<5	<2	2	7	.4	<2	2	114	.09	.019	5	20	.71	12	.06	<3	2.37	<.01	.02	<2	9
L41+00N 53+00E	1	21	19	54	<.3	7	3	305	5.17	20	<5	<2	2	10	.7	<2	<2	132	.18	.013	4	29	.54	6	.16	<3	2.69	<.01	.01	<2	11
L41+00N 53+50E	<1	7	13	13	.8	4	<1	35	.25	5	<5	<2	<2	9	<.2	<2	<2	25	.05	.038	3	8	.06	6	.03	<3	1.11	.01	.01	<2	8
L41+00N 54+00E	2	22	27	32	<.3	5	1	199	2.04	5	<5	<2	<2	11	.2	<2	3	103	.15	.012	6	31	.36	15	.18	<3	2.78	.01	.02	<2	11
L41+00N 54+50E	2	10	30	29	<.3	5	<1	170	1.26	4	<5	<2	<2	8	.2	<2	2	94	.10	.008	5	21	.31	7	.13	<3	2.08	.01	.02	<2	10
L41+00N 55+00E	1	15	17	30	<.3	3	1	186	3.53	13	<5	<2	<2	8	.6	<2	<2	116	.12	.008	6	23	.24	9	.12	<3	2.56	<.01	.02	<2	10
STANDARD C/AU-S	21	60	37	127	6.0	68	31	1152	4.12	38	24	8	41	48	20.0	9	13	62	.51	.094	38	53	.91	189	.05	26	1.88	.06	.14	11	53

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L41+00N 55+50E	2	3	35	32	<.3	2	1	295	3.59	<2	<5	<2	<2	11	<.2	<2	<2	144	.16	.006	6	19	.54	11	.34	<3	2.29	.01	.03	<2	7
L41+00N 56+00E	2	48	11	93	<.3	11	6	382	4.96	26	<5	<2	2	16	<.2	<2	<2	106	.20	.030	5	35	.64	35	.20	<3	5.06	.01	.04	<2	15
L41+00N 56+50E	3	15	18	33	.4	5	2	196	5.19	8	<5	<2	2	12	<.2	<2	<2	119	.14	.013	7	27	.28	9	.21	<3	3.01	.01	.03	<2	9
L41+00N 57+00E	<1	6	8	13	.3	4	<1	25	.30	<2	<5	<2	<2	13	<.2	<2	<2	10	.03	.033	3	5	.10	6	.03	<3	1.01	.01	.02	<2	3
L41+00N 57+50E	1	11	24	21	<.3	8	2	165	.87	2	<5	<2	<2	14	<.2	<2	<2	67	.16	.010	7	27	.35	14	.16	<3	1.97	.01	.03	<2	10
L41+00N 58+00E	3	12	35	23	<.3	3	1	189	2.06	4	<5	<2	<2	12	<.2	<2	2	97	.13	.009	7	19	.35	11	.18	<3	2.20	.01	.04	<2	5
L41+00N 58+50E	<1	3	8	24	<.3	2	<1	15	3.71	23	<5	<2	<2	19	.3	<2	<2	9	.25	.050	2	4	.04	12	.02	<3	.40	.01	.02	<2	<1
L41+00N 59+00E	<1	4	3	18	<.3	2	<1	17	.26	<2	<5	<2	<2	40	<.2	<2	2	3	.07	.034	1	2	.24	6	<.01	<3	.09	.04	.04	<2	<1
L41+00N 59+50E	3	42	16	66	<.3	11	5	306	2.01	14	<5	<2	<2	18	.3	<2	2	92	.20	.016	9	38	.69	33	.22	<3	5.18	.01	.03	<2	6
RE L41+00N 59+50E	3	42	13	64	<.3	9	4	292	1.94	14	<5	<2	<2	17	<.2	<2	<2	90	.19	.015	8	37	.68	28	.21	<3	5.08	.01	.03	<2	6
L41+00N 60+00E	2	41	9	48	<.3	7	4	245	5.68	37	<5	<2	3	13	<.2	<2	<2	127	.16	.014	5	39	.48	22	.24	<3	3.97	.01	.04	<2	80
L41+00N 60+50E	1	56	17	112	<.3	9	5	348	5.66	63	<5	<2	3	12	<.2	<2	<2	122	.17	.016	7	36	.57	36	.23	<3	4.76	.01	.03	<2	29
L41+00N 61+00E	2	52	22	54	<.3	7	3	239	8.37	76	<5	<2	3	12	.3	<2	<2	181	.15	.013	5	57	.36	22	.33	<3	3.25	.01	.02	<2	6
L41+00N 61+50E	1	4	4	10	<.3	1	1	18	.83	2	<5	<2	<2	15	<.2	<2	<2	9	.15	.047	2	3	.05	9	.02	<3	.32	.02	.02	<2	1
L41+00N 62+00E	1	5	7	11	1.0	4	1	25	.72	<2	<5	<2	<2	12	<.2	<2	<2	11	.14	.058	3	4	.05	9	.02	<3	.54	.03	.05	<2	3
L41+00N 62+50E	1	4	<3	15	<.3	4	1	48	.58	6	<5	<2	<2	27	<.2	<2	<2	6	.30	.051	2	3	.07	14	.01	<3	.26	.02	.03	2	1
L41+00N 63+00E	3	9	19	18	<.3	1	2	121	3.31	11	<5	<2	<2	10	<.2	<2	2	138	.13	.011	7	23	.18	14	.24	<3	2.03	.01	.02	<2	2
L41+00N 63+50E	<1	25	<3	35	<.3	7	3	145	2.51	17	5	<2	<2	7	.2	4	<2	55	.09	.011	2	17	.31	9	.11	<3	2.31	.01	.01	3	7
L41+00N 64+00E	4	12	23	23	<.3	<1	1	135	5.88	25	<5	<2	2	11	<.2	<2	2	159	.13	.009	5	28	.20	14	.27	<3	1.98	.01	.02	<2	18
L41+00N 64+50E	3	43	14	68	.4	6	3	259	7.24	51	<5	<2	4	12	<.2	<2	<2	160	.13	.016	6	40	.42	22	.23	<3	4.09	.01	.04	<2	7
L41+00N 65+00E	3	24	18	38	<.3	6	3	184	3.20	23	<5	<2	<2	14	<.2	<2	<2	123	.18	.010	8	28	.32	22	.19	<3	3.39	.01	.03	<2	11
L41+00N 65+50E	2	20	31	52	<.3	7	3	249	2.84	43	<5	<2	<2	16	<.2	<2	2	107	.21	.014	9	25	.38	22	.21	<3	2.48	.01	.03	<2	82
L41+00N 66+00E	<1	2	<3	31	<.3	4	<1	13	.21	<2	<5	<2	<2	27	.2	<2	<2	4	.20	.031	1	2	.11	6	<.01	<3	.18	.02	.02	<2	2
L41+00N 66+50E	4	42	19	58	<.3	7	4	234	7.88	59	<5	<2	4	13	<.2	<2	8	187	.15	.016	5	46	.41	14	.28	3	4.37	.01	.03	2	7
L41+00N 67+00E	<1	3	6	17	<.3	3	<1	12	.14	<2	<5	<2	<2	23	<.2	<2	<2	3	.15	.032	1	2	.11	9	<.01	<3	.13	.02	.03	<2	<1
L41+00N 67+50E	<1	1	7	8	<.3	1	<1	6	.10	<2	<5	<2	<2	37	<.2	<2	<2	2	.24	.030	1	1	.14	11	<.01	<3	.23	.03	.02	<2	6
L41+00N 68+00E	1	1	5	4	.4	2	<1	6	.37	25	<5	<2	<2	3	<.2	<2	<2	7	.02	.021	2	4	.02	1	<.01	<3	.29	<.01	.01	<2	6
L41+00N 68+50E	1	8	27	19	1.0	3	<1	14	.14	11	<5	<2	<2	12	<.2	<2	<2	15	.03	.043	3	11	.07	8	.01	<3	.88	.01	.02	<2	2
L41+00N 69+00E	<1	2	3	38	<.3	2	<1	9	.14	<2	<5	<2	<2	27	<.2	<2	<2	3	.03	.027	1	3	.21	14	<.01	<3	.23	.02	.02	<2	1
L41+00N 69+50E	3	26	29	80	.4	8	4	261	2.97	119	<5	<2	<2	17	<.2	<2	<2	92	.21	.013	8	37	.52	19	.17	<3	3.73	.01	.03	<2	227
L41+00N 70+00E	2	17	22	43	.3	5	2	186	7.64	86	<5	<2	4	11	<.2	<2	<2	183	.12	.010	6	56	.28	11	.19	<3	2.63	.01	.02	<2	186
L40+00N 35+00E	6	39	11	23	.3	11	3	168	1.27	3	<5	<2	<2	36	<.2	<2	<2	113	.20	.020	6	57	.66	32	.16	<3	3.71	.01	.03	<2	8
L40+00N 35+50E	6	43	12	27	<.3	10	4	204	3.45	<2	<5	<2	<2	24	<.2	<2	<2	140	.19	.013	7	40	.58	25	.17	<3	4.07	.01	.03	<2	7
L40+00N 36+00E	6	60	4	35	<.3	9	5	224	5.22	<2	<5	<2	2	25	.2	<2	4	114	.22	.020	5	46	.61	22	.27	3	4.84	.02	.02	<2	10
L40+00N 36+50E	5	68	8	38	<.3	13	5	242	5.45	5	<5	<2	2	25	.3	<2	2	137	.25	.024	5	55	.60	19	.31	<3	4.99	.02	.02	<2	5
STANDARD C/AU-S	21	57	37	134	6.4	68	33	1063	4.18	44	21	7	36	53	17.2	18	20	59	.49	.096	40	61	.93	179	.09	28	2.01	.07	.16	11	48

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

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
L40+00N 37+00E	5	54	17	43	<.3	11	7	264	4.10	<2	<5	<2	<2	34	.2	<2	<2	116	.28	.025	8	52	.77	43	.26	<3	5.43	.02	.03	<2	10
L40+00N 37+50E	6	83	20	41	<.3	20	7	277	2.02	3	<5	<2	<2	36	<.2	<2	<2	143	.29	.026	7	85	.96	52	.26	<3	6.21	.02	.03	<2	10
L40+00N 38+00E	1	6	5	7	<.3	2	1	226	2.00	7	<5	<2	<2	26	.2	<2	<2	14	.31	.033	2	6	.08	18	.02	<3	.51	.02	.01	<2	1
L40+00N 38+50E	<1	3	6	7	<.3	4	<1	25	.30	<2	<5	<2	<2	25	<.2	<2	<2	2	.14	.039	1	2	.12	12	<.01	<3	.15	.03	.04	<2	1
L40+00N 39+00E	1	4	7	6	<.3	1	1	49	.50	<2	<5	<2	<2	26	<.2	<2	<2	5	.15	.045	2	3	.07	13	.01	<3	.18	.03	.03	<2	1
L40+00N 39+50E	<1	4	<3	5	<.3	3	<1	18	.26	<2	<5	<2	<2	15	.2	<2	2	2	.10	.030	1	2	.09	10	<.01	<3	.12	.03	.01	<2	<1
L40+00N 40+00E	<1	3	<3	9	<.3	4	<1	33	.19	<2	<5	<2	<2	33	<.2	<2	2	1	.20	.039	1	1	.19	10	<.01	4	.09	.04	.03	<2	1
L40+00N 40+50E	<1	3	3	4	<.3	3	1	6	.07	4	<5	<2	<2	11	<.2	<2	<2	10	.06	.024	3	3	.06	13	.01	<3	.52	.02	.01	<2	1
L40+00N 41+00E	1	5	4	6	<.3	3	1	8	.23	<2	<5	<2	<2	25	.4	<2	<2	4	.08	.029	2	2	.09	13	.01	<3	.38	.03	.02	<2	<1
L40+00N 41+50E	<1	4	<3	6	<.3	4	1	6	.18	<2	<5	<2	<2	20	<.2	<2	<2	3	.08	.027	1	2	.11	10	<.01	<3	.17	.02	.02	<2	1
L40+00N 42+00E	<1	7	7	15	<.3	5	1	132	1.06	5	<5	<2	<2	20	<.2	<2	<2	25	.26	.030	3	8	.26	19	.04	<3	.67	.02	.03	<2	<1
L40+00N 42+50E	1	7	12	7	.3	2	<1	65	2.84	27	<5	<2	<2	28	<.2	<2	<2	32	.27	.032	4	7	.09	13	.03	<3	.68	.02	.02	<2	<1
L40+00N 43+00E	1	6	6	8	.3	1	1	56	1.03	27	<5	<2	<2	22	.2	<2	<2	12	.21	.043	2	3	.07	19	.02	<3	.39	.02	.03	<2	<1
L40+00N 43+50E	1	53	22	78	.4	11	7	344	2.42	17	<5	<2	<2	20	.7	<2	<2	86	.25	.023	8	24	.76	61	.14	<3	3.80	.01	.04	<2	5
L40+00N 44+00E	3	22	30	42	<.3	5	3	240	5.11	13	<5	<2	2	15	<.2	<2	4	123	.19	.013	6	30	.56	34	.23	<3	2.91	.01	.05	<2	5
L40+00N 44+50E	4	26	26	40	.4	6	3	221	6.54	30	<5	<2	3	14	<.2	<2	<2	169	.15	.018	6	40	.47	28	.21	<3	3.38	.01	.05	<2	5
L40+00N 45+00E	2	22	17	42	.4	5	3	263	4.44	24	<5	<2	<2	13	<.2	<2	<2	124	.14	.010	7	21	.56	31	.15	<3	2.97	<.01	.04	<2	2
L40+00N 45+50E	2	45	18	65	.5	9	6	343	4.60	30	<5	<2	<2	17	.2	<2	<2	107	.19	.021	6	28	.75	42	.17	<3	4.24	.01	.04	<2	96
L40+00N 46+00E	2	20	49	36	<.3	5	3	349	1.89	6	<5	<2	<2	14	.3	<2	<2	94	.23	.020	3	15	.91	28	.22	<3	2.74	.01	.04	<2	3
RE L40+00N 46+50E	2	34	18	46	.6	6	4	245	8.54	1652	<5	<2	2	20	.5	<2	<2	108	.19	.016	6	26	.70	36	.17	<3	4.75	.01	.04	<2	6
L40+00N 46+50E	2	32	18	44	.5	5	5	241	8.31	1594	<5	<2	2	20	.4	<2	2	105	.19	.016	6	23	.69	36	.17	<3	4.61	.01	.04	<2	8
L40+00N 47+00E	<1	5	8	8	<.3	1	1	160	.79	17	<5	<2	<2	24	.2	<2	2	3	.20	.090	1	2	.10	14	<.01	<3	.13	.03	.06	<2	<1
L40+00N 47+50E	<1	5	5	7	<.3	3	<1	53	.13	5	<5	<2	<2	32	<.2	<2	2	3	.26	.041	1	2	.12	12	<.01	3	.16	.02	.05	<2	1
L40+00N 48+00E	<1	3	<3	6	<.3	2	1	19	.16	<2	<5	<2	<2	29	.2	<2	<2	2	.07	.036	1	4	.17	7	<.01	3	.17	.02	.03	<2	<1
L40+00N 48+50E	<1	3	5	6	<.3	2	1	15	.12	<2	<5	<2	<2	51	.2	<2	<2	1	.29	.036	1	1	.21	15	<.01	<3	.11	.03	.03	<2	<1
L40+00N 49+00E	<1	2	4	8	<.3	3	1	33	.10	3	<5	<2	<2	25	<.2	<2	<2	1	.14	.032	1	2	.14	15	<.01	<3	.09	.03	.04	<2	<1
L40+00N 49+50E	1	3	<3	8	<.3	<1	6	44	4.80	224	<5	<2	<2	19	<.2	<2	<2	2	.18	.050	1	1	.04	10	<.01	<3	.08	.02	.03	<2	<1
L40+00N 60+00E	1	7	6	72	<.3	1	1	37	.48	13	<5	<2	<2	17	<.2	<2	<2	7	.13	.037	1	2	.07	18	.01	3	.30	.02	.02	<2	<1
L40+00N 60+50E	1	2	<3	100	<.3	<1	<1	68	.19	<2	<5	<2	<2	21	<.2	<2	<2	4	.20	.043	1	3	.10	12	.01	<3	.30	.03	.03	<2	3
L40+00N 61+00E	1	10	3	26	<.3	3	1	73	1.23	9	<5	<2	<2	8	<.2	<2	<2	28	.08	.036	3	7	.21	13	.04	<3	1.33	.02	.02	<2	1
L40+00N 61+50E	1	5	3	38	<.3	2	1	38	.34	4	<5	<2	<2	10	.2	<2	<2	7	.09	.043	2	2	.08	15	.02	<3	.36	.02	.02	<2	2
L40+00N 62+00E	4	60	13	85	<.3	10	7	308	4.23	31	<5	<2	<2	17	.4	<2	<2	105	.20	.018	4	35	.67	32	.21	<3	5.37	.01	.03	<2	10
L40+00N 62+50E	2	10	14	41	<.3	5	3	308	2.15	7	<5	<2	<2	9	<.2	<2	4	92	.11	.009	6	19	.89	48	.16	<3	3.03	.01	.08	<2	5
L40+00N 63+00E	3	27	23	39	<.3	3	3	223	7.06	23	<5	<2	3	12	<.2	<2	2	160	.13	.012	5	43	.40	13	.25	<3	2.98	.01	.03	<2	3
L40+00N 63+50E	3	32	23	55	.7	7	4	291	4.47	22	<5	<2	2	14	.2	<2	2	119	.17	.008	5	32	.52	19	.23	<3	3.52	.01	.03	<2	6
STANDARD C/AU-S	21	59	36	130	6.2	67	32	1047	4.11	38	20	7	35	52	18.1	19	18	59	.49	.093	40	61	.92	184	.09	26	2.01	.07	.16	10	46

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

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
L40+00N 64+00E	4	61	14	70	<.3	8	4	311	5.49	34	<5	<2	3	18	.5	<2	<2	138	.25	.013	6	38	.68	18	.25	<3	4.20	.01	.02	<2	10
L40+00N 64+50E	2	48	18	52	<.3	9	3	242	2.87	37	<5	<2	2	17	.2	<2	<2	156	.24	.008	7	45	.50	31	.23	<3	4.73	.01	.02	<2	13
L40+00N 65+00E	<1	3	3	21	<.3	1	<1	33	1.49	39	<5	<2	<2	19	.3	<2	<2	3	.30	.031	1	1	.04	8	<.01	<3	.12	.01	.01	<2	1
L40+00N 65+50E	<1	3	<3	47	<.3	1	<1	36	.18	<2	<5	<2	<2	19	<.2	<2	<2	2	.18	.021	1	2	.09	12	<.01	3	.13	.02	.01	<2	<1
RE L40+00N 66+00E	2	5	10	9	<.3	2	<1	44	1.76	117	<5	<2	<2	12	.9	<2	<2	20	.17	.057	4	8	.03	20	.01	<3	.82	.01	.02	<2	4
L40+00N 66+00E	2	5	10	9	<.3	2	<1	44	1.85	125	<5	<2	<2	13	.9	<2	<2	21	.17	.059	4	8	.03	18	.01	<3	.87	.02	.02	<2	5
L40+00N 66+50E	1	23	12	29	.3	3	<1	18	.10	3	<5	<2	<2	11	.5	<2	<2	21	.07	.061	4	19	.06	6	.01	3	.83	.02	.03	<2	3
L40+00N 67+00E	2	52	19	94	<.3	10	3	289	3.91	67	<5	<2	2	16	.5	<2	<2	99	.23	.009	5	40	.48	31	.19	<3	3.79	.01	.02	<2	44
L40+00N 67+50E	3	38	26	68	<.3	7	2	246	5.71	96	<5	<2	3	13	.7	<2	<2	146	.17	.012	3	41	.34	20	.19	3	3.78	.01	.02	<2	22
L40+00N 68+00E	3	36	20	99	<.3	5	2	270	6.33	106	<5	<2	3	13	.4	<2	<2	150	.17	.014	5	41	.38	23	.21	<3	3.19	.01	.02	<2	27
L40+00N 68+50E	4	51	19	99	<.3	10	5	280	4.51	106	<5	<2	2	17	.6	<2	<2	140	.20	.011	4	40	.54	31	.22	4	4.99	.01	.03	<2	16
L40+00N 69+00E	3	34	18	78	<.3	11	3	253	4.03	101	<5	<2	2	17	.5	<2	<2	110	.22	.015	5	41	.44	25	.19	<3	4.62	.01	.02	<2	52
L40+00N 69+50E	3	35	39	73	<.3	7	3	310	6.51	196	<5	<2	4	12	.2	<2	<2	118	.16	.016	6	41	.47	25	.16	<3	4.15	.01	.03	<2	176
L40+00N 70+00E	3	63	28	114	.4	9	4	359	5.23	274	<5	<2	4	15	.7	<2	<2	129	.20	.020	4	49	.61	19	.16	<3	4.82	.01	.03	<2	11

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

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Kamaka Resources Ltd. PROJECT KNOB HILL File # 95-4824 Page 1

6074 - 45A Ave, Delta BC V4K 1M7

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
L54+00N 35+00E	3	41	26	50	<.3	13	5	304	6.28	33	<5	<2	3	16	.6	<2	<2	164	.19	.011	4	29	.84	45	.19	<3	3.36	.01	.02	<2	7
L54+00N 35+50E	1	11	7	6	<.3	3	1	59	.68	17	<5	<2	<2	20	.3	3	<2	15	.17	.054	<1	4	.09	16	.02	<3	.40	.04	.02	2	1
L54+00N 36+00E	4	64	22	70	<.3	9	5	324	6.85	58	<5	<2	3	12	.5	<2	<2	156	.14	.020	6	21	.89	54	.16	<3	4.32	.01	.02	<2	3
L54+00N 36+50E	<1	6	3	24	<.3	2	1	24	.57	3	<5	<2	<2	11	.2	2	<2	11	.06	.029	1	3	.12	10	.02	3	.36	.02	<.01	2	<1
L54+00N 37+00E	3	29	16	27	<.3	6	4	200	6.40	18	<5	<2	3	10	.6	<2	<2	170	.12	.010	4	22	.46	15	.26	<3	2.68	.01	.02	<2	1
L54+00N 37+50E	3	26	18	27	<.3	5	3	224	2.10	13	<5	<2	<2	11	.4	<2	2	121	.12	.014	4	20	.58	22	.24	<3	2.63	.01	.03	<2	3
L54+00N 38+00E	1	5	8	3	.3	1	<1	50	.32	7	<5	<2	2	5	<.2	2	<2	42	.04	.018	4	7	.09	8	.04	<3	1.30	.01	.01	<2	2
L54+00N 38+50E	5	76	15	58	.3	13	7	340	5.22	27	<5	<2	3	17	.5	<2	<2	116	.21	.030	5	25	.85	36	.16	<3	6.22	.01	.03	<2	5
L54+00N 39+00E	4	65	14	51	<.3	9	6	291	5.51	20	<5	<2	4	14	.6	<2	<2	170	.17	.020	6	37	.83	33	.26	<3	6.70	.01	.05	<2	7
L54+00N 39+50E	1	6	5	5	<.3	2	<1	38	.40	<2	<5	<2	<2	16	<.2	2	<2	17	.11	.029	1	8	.13	10	.04	<3	.71	.02	.03	<2	1
L54+00N 40+00E	2	9	6	3	<.3	2	1	16	1.18	22	<5	<2	<2	6	<.2	3	<2	25	.05	.045	2	6	.03	7	.02	<3	.60	.02	.01	<2	1
L54+00N 40+50E	1	7	4	7	<.3	1	1	25	1.21	7	<5	<2	<2	14	.2	3	<2	7	.14	.057	<1	1	.06	8	<.01	<3	.22	.02	.01	<2	<1
L54+00N 41+00E	1	8	5	6	<.3	1	1	111	1.98	11	<5	<2	<2	30	.2	2	<2	9	.28	.068	<1	2	.06	11	.01	<3	.25	.04	.04	<2	1
L54+00N 41+50E	4	60	19	45	<.3	9	5	268	7.60	22	<5	<2	6	13	.5	<2	<2	156	.14	.014	3	32	.73	32	.25	<3	3.84	.01	.04	<2	6
RE L54+00N 41+50E	4	63	21	47	.5	8	6	280	7.86	22	<5	<2	8	13	.6	<2	<2	161	.15	.015	3	33	.76	33	.26	<3	3.98	.01	.03	<2	2
L54+00N 42+00E	1	6	5	7	<.3	2	<1	32	.59	5	<5	<2	<2	7	<.2	3	<2	13	.08	.055	1	4	.07	7	.02	<3	.41	.02	.02	<2	1
L54+00N 42+50E	1	5	3	6	.4	2	<1	23	.44	4	<5	<2	<2	7	<.2	2	<2	10	.06	.063	2	3	.04	8	.02	<3	.46	.02	.02	<2	<1
L54+00N 43+00E	<1	7	<3	7	<.3	2	<1	26	.29	<2	<5	<2	<2	9	<.2	3	<2	7	.07	.054	1	2	.06	9	.01	<3	.27	.02	.02	<2	<1
L54+00N 43+50E	<1	6	5	9	<.3	2	1	20	.73	2	<5	<2	<2	12	.3	2	<2	7	.09	.075	1	2	.07	16	<.01	<3	.39	.03	.03	<2	1
L54+00N 44+00E	<1	4	4	5	<.3	2	<1	14	.31	3	<5	<2	<2	22	.2	3	<2	4	.14	.045	<1	3	.09	16	.01	<3	.34	.02	.03	2	<1
L54+00N 44+50E	3	19	15	27	.6	6	4	197	5.71	17	<5	<2	4	12	.5	<2	2	183	.14	.013	4	24	.47	22	.21	<3	2.53	.01	.02	<2	4
L54+00N 45+00E	<1	4	<3	3	.4	2	<1	11	.30	4	<5	<2	<2	6	<.2	2	<2	13	.04	.025	1	4	.05	8	.02	<3	.49	.02	.01	<2	<1
L54+00N 45+50E	3	29	18	38	.3	8	4	251	6.24	24	<5	<2	<2	14	.4	<2	<2	147	.18	.015	2	30	.61	26	.25	<3	4.27	.01	.02	<2	5
L54+00N 46+00E	3	20	21	32	.3	6	4	238	5.05	14	<5	<2	2	13	.3	<2	2	188	.17	.010	3	23	.69	25	.28	<3	2.62	.01	.03	<2	3
L54+00N 46+50E	2	11	14	32	.4	5	2	180	4.84	11	<5	<2	<2	10	.2	<2	<2	130	.12	.010	4	13	.36	18	.14	<3	1.86	.01	.02	<2	2
L54+00N 47+00E	1	7	14	4	.6	5	3	98	1.63	<2	<5	<2	<2	6	.4	<2	<2	186	.10	.010	1	36	.13	10	.35	<3	1.11	.01	.02	<2	4
L54+00N 47+50E	2	9	17	13	.8	3	2	135	6.08	11	<5	<2	2	9	.3	<2	3	156	.12	.011	4	16	.31	12	.19	<3	1.86	.01	.03	<2	5
L54+00N 48+00E	3	41	14	47	.8	10	5	270	6.08	23	<5	<2	3	14	.2	<2	<2	106	.19	.026	4	36	.66	34	.18	<3	5.76	.01	.02	<2	6
L54+00N 48+50E	1	4	18	5	.4	3	1	76	1.01	5	<5	<2	<2	7	<.2	2	2	60	.06	.011	3	9	.15	13	.13	<3	1.36	.01	.03	<2	3
L54+00N 49+00E	4	43	13	57	<.3	12	6	336	3.77	18	<5	<2	2	19	.6	<2	<2	136	.25	.024	6	33	.88	32	.18	<3	4.59	.01	.03	<2	7
L54+00N 49+50E	2	41	16	24	.3	12	3	206	3.75	21	<5	<2	<2	11	.3	<2	<2	140	.69	.020	2	43	.46	21	.20	<3	3.64	.01	.02	<2	2
L54+00N 50+00E	1	8	15	18	.3	4	2	192	1.79	6	<5	<2	<2	9	<.2	4	<2	74	.11	.016	5	13	.47	14	.09	<3	2.01	.01	.04	<2	4
L54+00N 50+50E	3	34	15	34	.9	7	4	220	5.77	20	<5	<2	2	15	.4	<2	3	144	.18	.019	2	27	.55	26	.21	<3	3.75	.01	.02	<2	6
L54+00N 51+00E	<1	5	7	41	<.3	3	<1	27	.99	3	<5	<2	<2	21	.2	2	<2	10	.12	.046	<1	3	.11	12	.02	<3	.31	.02	.02	2	<1
L54+00N 51+50E	<1	3	5	24	<.3	2	<1	10	1.25	2	<5	<2	<2	37	<.2	4	<2	4	.38	.042	<1	1	.10	11	<.01	<3	.14	.02	.02	2	1
STANDARD C/AU-S	22	56	37	125	6.4	66	30	982	4.01	41	19	6	38	53	18.8	18	22	60	.50	.091	38	56	.91	189	.09	24	1.83	.07	.15	11	48

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 28 1995 **DATE REPORT MAILED:** Dec 18/95 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L54+00N 52+00E	<1	2	4	17	<.3	1	1	2	8.87	24	5	<2	<2	22	.2	<2	<2	4	.18	.038	<1	<1	.04	8	<.01	5	.10	.02	.03	<2	3
L54+00N 52+50E	1	13	16	11	.4	2	1	86	.68	16	<5	<2	<2	16	<.2	<2	<2	50	.13	.008	4	12	.22	19	.09	5	1.79	.01	.03	<2	10
L54+00N 53+00E	2	23	12	40	.4	8	4	241	6.12	31	<5	<2	<2	18	.2	<2	<2	115	.18	.013	2	22	.76	21	.20	3	2.77	.01	.03	<2	5
L54+00N 53+50E	<1	4	<3	10	.4	1	1	16	2.64	14	6	<2	<2	14	<.2	2	<2	9	.12	.038	1	3	.06	8	.02	5	.21	.02	.03	<2	<1
L54+00N 54+00E	<1	3	<3	22	<.3	1	<1	8	.34	12	<5	<2	<2	21	<.2	2	<2	2	.08	.038	<1	1	.12	6	<.01	4	.08	.03	.03	<2	<1
L54+00N 54+50E	1	14	18	29	.4	7	3	182	1.86	35	<5	<2	<2	16	.3	<2	<2	92	.20	.011	4	39	.41	20	.20	3	2.77	.01	.02	<2	27
L54+00N 55+00E	<1	3	3	13	<.3	2	1	17	1.02	23	<5	<2	<2	17	<.2	2	<2	19	.15	.034	1	6	.06	8	.02	4	.51	.01	.02	<2	1
L54+00N 55+50E	2	17	13	29	<.3	7	2	169	1.54	20	<5	<2	<2	12	.2	<2	<2	82	.14	.014	4	33	.48	21	.12	<3	2.18	.01	.02	<2	5
L54+00N 56+00E	1	6	16	20	.5	5	2	157	1.47	15	<5	<2	<2	14	.2	<2	<2	80	.15	.006	3	15	.32	16	.18	4	1.70	.01	.02	<2	2
L54+00N 56+50E	1	5	7	17	.5	2	1	9	2.44	18	<5	<2	<2	8	.2	<2	<2	34	.04	.036	4	6	.05	8	.03	<3	.74	.01	.02	<2	2
L54+00N 57+00E	3	21	15	38	.4	7	4	199	6.82	30	<5	<2	4	15	.3	<2	<2	155	.16	.017	2	38	.44	19	.26	<3	2.94	.01	.02	<2	5
L54+00N 57+50E	3	63	12	34	.6	19	9	260	6.51	22	<5	<2	2	11	.4	<2	<2	172	.14	.009	4	37	.98	17	.23	<3	3.57	.02	.02	<2	31
L54+00N 58+00E	2	12	11	24	.6	4	3	209	1.87	14	<5	<2	<2	16	.3	<2	2	87	.14	.013	2	16	.47	13	.17	<3	1.60	.01	.03	<2	4
L54+00N 58+50E	3	20	19	27	.5	5	4	199	2.50	17	<5	<2	<2	17	.3	<2	2	106	.20	.011	4	26	.42	17	.21	<3	2.78	.01	.03	<2	5
L54+00N 59+00E	2	8	17	23	.3	2	2	136	3.31	12	<5	<2	<2	11	.3	2	<2	117	.10	.006	4	19	.18	14	.14	<3	1.93	.01	.03	<2	7
L54+00N 59+50E	1	5	13	12	<.3	3	1	101	1.60	47	<5	<2	<2	15	<.2	<2	<2	60	.18	.010	<1	12	.22	24	.10	<3	1.17	.01	.02	<2	9
L54+00N 60+00E	1	8	13	7	.5	2	1	84	.63	10	<5	<2	<2	14	.2	3	<2	54	.14	.011	2	15	.14	13	.10	<3	1.49	.01	.02	<2	9
L54+00N 60+50E	1	14	12	26	.5	6	4	194	1.70	14	<5	<2	<2	15	.2	<2	<2	76	.18	.013	4	20	.44	17	.14	<3	1.92	.01	.02	<2	5
L54+00N 61+00E	3	30	13	36	.4	8	4	228	1.77	21	<5	<2	<2	22	.3	<2	<2	86	.26	.017	4	29	.55	20	.17	<3	3.51	.01	.02	<2	93
L54+00N 61+50E	1	12	17	31	.3	8	3	204	1.23	13	<5	<2	<2	16	.2	<2	<2	63	.22	.013	4	20	.48	31	.14	<3	2.71	.01	.02	<2	4
L54+00N 62+00E	1	6	4	15	<.3	2	1	21	.75	15	<5	<2	<2	13	<.2	2	<2	11	.11	.055	1	3	.08	11	.02	3	.34	.02	.02	<2	2
L54+00N 62+50E	2	5	9	8	.4	2	<1	15	.57	19	<5	<2	<2	13	<.2	2	<2	18	.09	.044	2	6	.05	15	.03	<3	.49	.02	.02	<2	1
L54+00N 63+00E	1	5	10	17	.6	2	1	22	.91	22	<5	<2	<2	12	.2	2	<2	41	.08	.030	3	9	.10	18	.03	<3	.75	.01	.03	<2	4
L54+00N 63+50E	3	32	9	32	.5	8	5	194	3.52	20	<5	<2	<2	17	.2	<2	<2	173	.19	.012	4	49	.44	18	.21	<3	4.35	.01	.03	<2	7
RE L54+00N 63+50E	2	31	7	30	.6	8	4	190	3.35	17	<5	<2	<2	16	.5	<2	<2	168	.19	.012	4	48	.42	17	.21	<3	4.09	.01	.03	2	5
L54+00N 64+00E	7	13	29	53	.4	8	5	181	6.91	100	<5	<2	<2	17	<.2	<2	<2	85	.18	.013	7	21	.41	31	.07	<3	2.64	.01	.02	<2	6
L54+00N 64+50E	3	25	21	48	<.3	13	6	274	1.82	16	<5	<2	<2	25	.3	<2	2	89	.28	.016	4	35	.72	41	.19	<3	4.00	.02	.02	<2	12
L54+00N 65+00E	12	3	16	16	.3	1	2	53	9.42	206	<5	<2	<2	11	<.2	<2	<2	231	.08	.011	4	16	.10	14	.07	<3	1.69	.01	.02	<2	7
L52+00N 35+00E	<1	4	<3	10	<.3	1	1	138	.75	7	<5	<2	<2	68	<.2	<2	<2	9	.41	.018	<1	1	.17	16	<.01	<3	.20	.02	<.01	<2	1
L52+00N 35+50E	3	66	11	61	.5	11	7	297	6.21	22	<5	<2	2	14	.4	<2	<2	138	.15	.022	1	37	.72	32	.27	<3	6.70	.01	.04	<2	25
L52+00N 36+00E	2	21	16	31	.3	6	3	264	2.62	8	<5	<2	<2	9	<.2	<2	<2	85	.12	.027	3	20	.73	18	.11	<3	2.13	.01	.04	<2	6
L52+00N 36+50E	3	33	11	50	.4	10	6	350	8.85	296	<5	<2	<2	17	<.2	<2	<2	149	.17	.014	3	23	.87	49	.15	<3	3.55	.01	.05	<2	5
L52+00N 37+00E	<1	6	<3	19	<.3	2	1	30	.69	12	<5	<2	<2	13	<.2	<2	<2	10	.10	.011	<1	4	.14	6	.01	3	.35	.02	.01	<2	1
L52+00N 37+50E	3	58	8	38	.3	7	5	254	5.38	9	<5	<2	<2	13	.5	<2	<2	107	.14	.031	2	26	.62	20	.16	<3	4.24	.02	.04	<2	6
L52+00N 38+00E	<1	5	3	7	<.3	2	<1	44	.34	<2	<5	<2	<2	22	.2	2	<2	6	.19	.024	<1	3	.13	8	.01	<3	.30	.02	.02	<2	1
STANDARD C/AU-S	21	55	36	131	6.3	70	33	973	3.90	38	19	6	37	54	18.3	18	24	59	.50	.089	36	55	.89	186	.09	24	1.85	.06	.16	12	50

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

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
L52+00N 38+50E	<1	4	6	10	<.3	1	<1	26	.14	<2	<5	<2	<2	35	<.2	3	<2	2	.21	.030	<1	2	.21	8	<.01	3	.12	.04	.03	3	2
L52+00N 39+00E	<1	3	4	<1	<.3	1	<1	27	.37	2	<5	<2	<2	30	<.2	2	<2	4	.37	.014	<1	2	.08	12	<.01	<3	.23	.02	<.01	2	2
L52+00N 39+50E	1	18	7	3	.4	2	1	244	2.89	20	<5	<2	<2	42	.2	<2	<2	20	.88	.044	<1	3	.10	19	.01	<3	.63	.02	.01	<2	2
L52+00N 40+00E	1	7	10	3	.4	2	1	27	2.57	80	8	<2	<2	9	<.2	<2	2	26	.09	.056	2	6	.06	10	.02	<3	.69	.02	.04	<2	1
L52+00N 40+50E	<1	6	3	1	<.3	1	<1	13	.47	10	<5	<2	<2	13	<.2	2	<2	13	.11	.031	<1	3	.06	7	.01	<3	.31	.02	<.01	2	<1
L52+00N 41+00E	3	<1	8	<1	<.3	<1	3	405	47.87	66	5	<2	3	9	<.2	<2	7	25	.03	.019	1	<1	<.01	6	.01	<3	.29	<.01	<.01	<2	1
L52+00N 41+50E	1	11	6	3	<.3	1	1	25	.70	6	<5	<2	<2	8	<.2	3	<2	18	.06	.036	1	2	.07	7	.01	3	.33	.02	<.01	2	1
L52+00N 42+00E	3	34	14	38	.4	8	4	271	5.24	30	5	<2	2	12	.2	<2	<2	135	.14	.011	2	18	.78	39	.16	<3	3.30	.01	.02	<2	5
L52+00N 42+50E	1	8	7	3	<.3	1	1	17	.27	6	<5	<2	<2	8	<.2	2	<2	20	.08	.029	<1	4	.07	7	.02	<3	.52	.02	<.01	<2	<1
L52+00N 43+00E	4	116	13	35	.4	6	6	202	3.39	39	<5	<2	2	17	.2	<2	2	128	.21	.032	2	17	.99	75	.25	<3	3.97	.03	.24	<2	10
L52+00N 43+50E	1	28	12	7	.3	3	1	48	.52	9	<5	<2	<2	10	<.2	<2	<2	44	.08	.035	2	11	.17	22	.03	<3	1.81	.01	.03	<2	2
L52+00N 44+00E	3	26	13	24	.3	5	3	170	4.71	13	<5	<2	2	11	<.2	<2	2	99	.12	.014	2	14	.43	19	.14	<3	1.99	.01	.03	<2	3
RE L52+00N 44+00E	3	28	11	25	.4	5	3	185	5.10	13	<5	<2	2	12	<.2	<2	<2	107	.13	.015	3	14	.46	21	.15	<3	2.13	.01	.03	<2	4
L52+00N 44+50E	1	10	5	11	.3	3	1	89	2.99	11	5	<2	<2	13	.2	<2	<2	24	.14	.046	1	6	.21	13	.03	<3	.79	.02	.02	<2	2
L52+00N 45+00E	<1	4	4	1	.4	1	<1	11	.23	3	<5	<2	<2	6	<.2	2	<2	8	.04	.030	1	3	.04	7	.02	<3	.53	.01	.01	<2	1
L52+00N 45+50E	3	55	8	42	<.3	10	6	266	6.52	13	6	<2	4	14	<.2	<2	2	129	.18	.022	3	28	.64	34	.17	<3	4.94	.01	.02	<2	5
L52+00N 46+00E	3	23	12	32	.5	6	3	216	7.20	17	<5	<2	2	12	<.2	<2	<2	141	.13	.014	6	24	.61	28	.14	<3	3.67	.01	.02	<2	4
L52+00N 46+50E	3	40	10	46	<.3	11	5	294	3.20	18	<5	<2	2	19	<.2	<2	2	104	.23	.020	4	29	.83	40	.16	<3	4.84	.01	.02	<2	8
L52+00N 47+00E	2	11	11	19	<.3	3	2	177	1.17	7	<5	<2	<2	12	<.2	<2	<2	72	.11	.017	2	12	.58	15	.12	<3	1.86	.02	.02	<2	4
L52+00N 47+50E	1	11	8	13	.5	3	1	88	1.96	5	5	<2	<2	10	<.2	2	<2	33	.08	.042	2	8	.29	11	.05	<3	1.28	.02	.03	<2	2
L52+00N 48+00E	<1	5	5	14	<.3	1	<1	32	.51	2	<5	<2	<2	19	<.2	2	<2	5	.08	.041	<1	2	.17	10	.01	4	.27	.03	.03	2	3
L52+00N 48+50E	<1	2	4	3	<.3	1	<1	12	.10	<2	<5	<2	<2	32	<.2	2	<2	1	.18	.034	<1	1	.22	5	<.01	3	.08	.03	.02	2	2
L52+00N 49+00E	<1	2	4	4	<.3	1	<1	7	.10	<2	<5	<2	<2	29	<.2	<2	<2	1	.13	.036	<1	1	.22	4	<.01	5	.08	.04	.02	2	1
L52+00N 49+50E	<1	4	5	2	<.3	1	<1	19	1.48	4	<5	<2	<2	25	.2	<2	<2	3	.37	.022	<1	1	.05	8	<.01	3	.16	.02	<.01	<2	<1
L52+00N 50+00E	<1	3	4	6	<.3	1	<1	9	.30	2	<5	<2	<2	36	<.2	2	<2	1	.35	.038	<1	1	.19	4	<.01	3	.07	.03	.04	2	1
L52+00N 50+50E	<1	2	<3	7	<.3	1	<1	6	.11	<2	<5	<2	<2	27	<.2	2	<2	1	.12	.025	<1	1	.19	4	<.01	<3	.07	.03	.01	2	1
L52+00N 51+00E	<1	2	<3	8	<.3	1	<1	7	.14	<2	<5	<2	<2	23	<.2	2	<2	1	.24	.032	<1	1	.14	4	<.01	3	.09	.03	.01	2	4
L52+00N 51+50E	1	4	8	8	.3	1	<1	198	1.28	5	6	<2	<2	13	<.2	2	<2	44	.12	.025	1	6	.22	7	.09	<3	.93	.01	.02	2	3
L52+00N 52+00E	1	6	3	14	<.3	1	<1	93	2.85	7	11	<2	<2	37	.2	<2	<2	12	.35	.031	<1	2	.05	16	.01	<3	.31	.02	.01	<2	1
L52+00N 52+50E	1	7	4	8	<.3	2	<1	13	1.50	<2	<5	<2	<2	9	<.2	<2	<2	16	.07	.054	<1	3	.03	5	.01	<3	.28	.02	.01	<2	1
L52+00N 53+00E	1	4	4	5	<.3	2	<1	24	.27	2	6	<2	<2	10	<.2	<2	<2	7	.06	.026	<1	4	.11	9	.02	<3	.35	.02	.02	<2	2
L52+00N 53+50E	2	23	20	30	<.3	8	3	222	1.28	10	5	<2	<2	13	<.2	3	<2	95	.16	.009	3	24	.60	38	.13	<3	3.05	.01	.02	<2	8
L52+00N 54+00E	2	10	22	23	<.3	5	2	212	1.28	14	5	<2	<2	13	<.2	<2	<2	77	.15	.008	5	19	.50	21	.14	<3	2.29	.01	.02	2	7
L52+00N 54+50E	1	38	18	55	<.3	10	5	272	3.12	60	<5	<2	<2	18	.3	<2	<2	86	.27	.020	4	23	.61	45	.14	<3	3.00	.02	.02	<2	8
L52+00N 55+00E	<1	5	5	11	<.3	2	<1	21	.27	5	<5	<2	<2	11	<.2	<2	<2	8	.09	.028	<1	3	.09	10	.01	<3	.39	.02	.01	<2	2
STANDARD C/AU-S	22	56	39	131	6.4	66	30	983	4.02	41	16	6	38	54	18.9	17	23	57	.51	.093	37	57	.91	187	.09	27	1.87	.07	.15	10	47

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

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
L52+00N 55+50E	1	3	4	6	<.3	2	<1	35	.74	3	<5	<2	<2	10	<.2	<2	<2	3	.09	.049	<1	2	.04	7	<.01	<3	.14	.02	.02	<2	2
L52+00N 56+00E	<1	3	5	6	<.3	1	<1	16	.25	2	<5	<2	<2	19	<.2	<2	<2	1	.15	.041	<1	1	.09	4	<.01	<3	.09	.02	.01	<2	1
L52+00N 56+50E	<1	3	3	9	<.3	1	<1	26	.18	<2	<5	<2	<2	18	<.2	<2	<2	1	.10	.032	<1	1	.12	4	<.01	3	.08	.02	.01	<2	1
L52+00N 57+00E	1	4	5	7	<.3	1	1	29	.12	2	<5	<2	<2	19	<.2	<2	<2	4	.18	.023	<1	1	.11	7	.01	3	.14	.03	.01	<2	2
L52+00N 57+50E	<1	3	<3	5	<.3	1	<1	9	.10	2	<5	<2	<2	16	<.2	<2	<2	1	.08	.025	<1	2	.12	5	<.01	<3	.09	.02	<.01	<2	1
L52+00N 58+00E	1	3	6	11	<.3	2	1	26	2.02	11	<5	<2	<2	17	.2	<2	<2	5	.17	.079	<1	2	.07	10	.01	<3	.13	.04	.05	<2	<1
L52+00N 58+50E	<1	3	3	5	<.3	<1	<1	16	.19	<2	<5	<2	<2	17	<.2	<2	<2	2	.14	.029	<1	2	.09	8	.01	4	.17	.02	.02	<2	3
L52+00N 59+00E	<1	5	4	5	.4	2	1	9	.79	5	<5	<2	<2	5	<.2	<2	<2	6	.04	.053	1	2	.03	9	.01	<3	.39	.02	.02	<2	3
L52+00N 59+50E	1	3	4	8	<.3	2	<1	24	.26	<2	<5	<2	<2	27	<.2	<2	<2	5	.12	.038	<1	3	.13	14	.01	3	.20	.03	.02	<2	2
L52+00N 60+00E	<1	2	3	10	<.3	1	<1	24	.80	3	<5	<2	<2	23	.2	<2	<2	2	.19	.054	<1	2	.11	9	.01	3	.09	.02	.03	<2	1
L52+00N 60+50E	1	8	22	20	2.1	3	2	120	1.24	10	<5	<2	<2	8	<.2	<2	<2	56	.07	.037	3	13	.31	16	.07	<3	1.55	.01	.03	<2	3
L52+00N 61+00E	1	4	13	7	.3	5	2	35	5.56	25	<5	<2	<2	5	<.2	<2	<2	102	.05	.036	2	15	.16	11	.07	<3	.89	.01	.02	<2	4
L52+00N 61+50E	1	3	8	7	.4	2	1	16	3.30	20	<5	<2	<2	9	<.2	<2	<2	31	.03	.050	3	6	.07	10	.02	<3	.40	.02	.03	<2	7
L52+00N 62+00E	1	3	6	9	<.3	2	<1	24	.33	<2	<5	<2	<2	23	<.2	<2	<2	5	.21	.039	<1	2	.12	10	.01	<3	.14	.03	.03	<2	5
L52+00N 62+50E	4	2	7	7	<.3	1	1	54	12.48	406	<5	<2	<2	22	<.2	<2	2	10	.23	.049	<1	2	.04	13	.01	<3	.13	.02	.04	<2	<1
L52+00N 63+00E	1	3	12	6	.4	2	2	27	8.43	35	<5	<2	<2	6	<.2	<2	3	72	.04	.038	3	9	.09	9	.02	<3	1.08	.01	.02	<2	1
L52+00N 63+50E	1	24	12	46	<.3	11	5	211	2.10	26	<5	<2	<2	11	.2	<2	<2	91	.19	.021	2	19	.54	22	.12	<3	2.47	.01	.01	<2	4
L52+00N 64+00E	4	5	4812	16	<.3	2	2	141	20.28	248	<5	<2	<2	13	<.2	<2	4	68	.08	.051	<1	7	.06	16	.02	196	.65	.17	.02	<2	2
L52+00N 64+50E	4	41	14	50	<.3	11	6	222	5.71	20	<5	<2	2	10	<.2	<2	<2	151	.14	.017	1	37	.50	17	.18	<3	3.98	.01	<.01	<2	22
L52+00N 65+00E	3	10	19	15	<.3	4	2	93	6.25	16	<5	<2	2	7	<.2	<2	<2	211	.09	.007	2	26	.21	9	.14	<3	1.64	.01	.01	<2	6
L50+00N 35+00E	1	77	21	52	<.3	10	5	326	2.30	12	<5	<2	<2	10	<.2	<2	<2	127	.15	.021	3	30	1.00	40	.12	<3	4.03	.01	.03	<2	9
L50+00N 35+50E	1	47	16	48	.3	12	5	312	1.79	5	<5	<2	<2	13	<.2	<2	<2	124	.15	.015	4	28	.92	55	.11	<3	3.60	.01	.01	<2	7
L50+00N 36+00E	1	4	3	14	<.3	1	1	26	1.39	17	5	<2	<2	27	.2	<2	<2	6	.17	.054	<1	2	.19	6	.01	<3	.13	.02	.04	<2	1
L50+00N 36+50E	1	11	14	27	<.3	7	2	247	1.33	5	<5	<2	<2	5	<.2	3	<2	110	.06	.016	1	20	1.15	11	.11	<3	2.24	.01	.02	<2	14
RE L50+00N 36+50E	1	10	16	26	<.3	6	2	237	1.28	4	<5	<2	<2	4	<.2	<2	<2	106	.06	.016	2	17	1.10	11	.11	<3	2.14	.01	.02	<2	28
L50+00N 37+00E	2	2	10	9	<.3	2	2	53	22.44	325	<5	<2	<2	13	<.2	<2	2	54	.09	.022	1	5	.12	14	.02	3	1.05	.01	.01	<2	4
L50+00N 37+50E	1	2	<3	10	<.3	1	<1	11	.94	16	<5	<2	<2	20	.2	<2	<2	4	.04	.040	<1	1	.19	5	.01	<3	.13	.03	.02	<2	1
L50+00N 38+00E	<1	3	<3	8	<.3	1	<1	13	.30	2	<5	<2	<2	15	<.2	<2	<2	6	.06	.032	<1	2	.10	7	.01	<3	.17	.02	<.01	<2	<1
L50+00N 38+50E	3	31	15	26	.4	6	3	180	1.93	10	<5	<2	2	7	<.2	<2	<2	131	.09	.009	5	19	.54	22	.09	<3	3.02	.01	.01	<2	35
L50+00N 39+00E	5	62	15	29	.5	6	4	176	5.39	17	<5	<2	4	6	.3	<2	2	127	.07	.015	4	25	.51	19	.11	<3	4.16	.01	.02	<2	7
L50+00N 39+50E	4	57	12	38	<.3	8	4	266	1.86	7	<5	<2	<2	7	.2	<2	<2	91	.09	.020	4	18	.73	29	.10	<3	4.10	.01	.02	<2	8
L50+00N 40+00E	1	24	8	24	<.3	6	3	175	2.21	3	<5	<2	<2	4	.2	2	<2	114	.06	.013	4	17	1.28	43	.11	<3	3.11	.01	.15	<2	8
L50+00N 40+50E	3	58	10	41	.3	7	5	219	3.91	15	6	<2	3	6	<.2	<2	<2	131	.08	.023	5	32	.83	35	.18	<3	6.78	.01	.06	<2	8
L50+00N 41+00E	2	9	14	10	.5	2	1	72	6.18	4	5	<2	2	5	<.2	3	<2	173	.05	.004	4	14	.20	9	.14	<3	1.46	<.01	.01	<2	3
L50+00N 41+50E	<1	33	9	3	.8	2	1	10	.38	3	5	<2	<2	5	.2	2	<2	41	.07	.064	3	7	.02	6	.02	<3	1.98	.01	.01	<2	1
STANDARD C/AU-S	21	53	39	123	6.4	64	33	1011	3.99	39	19	8	42	49	19.2	17	21	62	.46	.093	38	51	.87	185	.05	31	1.67	.06	.14	10	46

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

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
L50+00N 42+00E	1	7	4	8	<.3	2	1	14	.38	6	<5	<2	<2	13	<.2	<2	<2	18	.11	.037	2	4	.04	6	.02	<3	.42	.02	<.01	<2	2
L50+00N 42+50E	1	4	4	10	<.3	1	<1	34	.64	9	<5	<2	<2	9	<.2	<2	<2	20	.09	.046	1	3	.04	4	.01	3	.29	.02	<.01	<2	<1
L50+00N 43+00E	1	4	5	7	.7	1	2	35	4.75	28	<5	<2	2	14	<.2	<2	<2	36	.11	.042	3	6	.05	13	.01	<3	.78	.02	.02	<2	1
L50+00N 43+50E	1	5	4	16	<.3	2	1	60	.74	4	<5	<2	<2	25	.2	<2	<2	12	.29	.070	1	3	.10	16	.01	5	.26	.04	.07	<2	<1
RE L50+00N 48+00E	3	27	8	39	.8	7	4	259	5.61	31	<5	<2	2	8	<.2	<2	2	176	.09	.017	4	20	.70	21	.07	<3	3.53	.01	.02	<2	9
L50+00N 44+00E	2	9	10	13	.4	3	3	197	4.20	14	<5	<2	2	34	<.2	<2	<2	26	.39	.072	1	4	.07	16	.02	4	.68	.02	.02	<2	3
L50+00N 44+50E	3	59	16	51	.6	12	5	303	2.10	20	<5	<2	3	15	.3	<2	<2	97	.18	.022	4	29	.89	39	.11	<3	4.57	.01	.02	<2	5
L50+00N 45+00E	3	61	13	43	.5	9	4	260	1.96	16	<5	<2	<2	13	<.2	<2	<2	91	.12	.027	4	27	.82	32	.11	<3	6.37	.01	.02	<2	7
L50+00N 45+50E	1	5	6	8	<.3	2	1	61	1.34	<2	<5	<2	<2	35	<.2	<2	<2	8	.43	.053	<1	2	.05	9	.01	<3	.25	.02	<.01	<2	<1
L50+00N 46+00E	1	6	4	10	<.3	3	1	24	.60	5	<5	<2	<2	11	<.2	<2	<2	8	.11	.049	1	4	.08	9	.01	3	.37	.02	.01	<2	1
L50+00N 46+50E	3	62	8	35	1.0	8	6	246	8.19	20	<5	<2	4	9	<.2	<2	2	166	.08	.027	2	38	1.02	19	.13	<3	8.19	.01	.02	<2	4
L50+00N 47+00E	1	6	<3	10	<.3	3	1	16	1.56	7	<5	<2	<2	26	.4	<2	<2	11	.34	.043	<1	2	.07	15	.01	<3	.31	.02	<.01	<2	<1
L50+00N 47+50E	<1	4	3	10	<.3	1	<1	190	.90	3	<5	<2	<2	17	<.2	<2	<2	4	.19	.043	<1	2	.09	7	.01	3	.23	.03	.03	<2	<1
L50+00N 48+00E	2	27	12	39	1.0	6	4	268	5.66	29	<5	<2	3	8	<.2	3	<2	176	.09	.018	5	20	.71	21	.07	<3	3.52	.01	.02	<2	7
L50+00N 48+50E	4	60	10	52	.7	10	7	314	7.10	29	<5	<2	5	13	.3	<2	<2	126	.14	.028	4	31	.72	22	.16	<3	6.22	.01	.02	<2	7
L50+00N 49+00E	2	13	3	12	1.1	4	3	97	17.35	174	<5	<2	3	19	<.2	<2	<2	64	.20	.038	4	16	.19	25	.04	4	1.74	.02	<.01	<2	2
L50+00N 49+50E	3	39	8	49	.8	8	5	302	6.02	49	<5	<2	4	10	.5	2	<2	137	.13	.021	5	26	.64	23	.13	<3	4.48	.01	.02	<2	11
L50+00N 50+00E not rec.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L50+00N 50+50E	2	19	14	21	.7	5	2	117	1.87	15	<5	<2	<2	8	.2	<2	<2	120	.11	.016	5	23	.27	16	.08	<3	2.94	.01	<.01	<2	4
L50+00N 51+00E	<1	5	3	25	.3	2	<1	14	.71	6	<5	<2	<2	12	<.2	<2	<2	8	.05	.055	1	4	.09	7	.01	4	.42	.02	.01	<2	1
L50+00N 51+50E	2	23	16	38	.6	6	3	291	2.53	10	<5	<2	3	11	.3	2	<2	116	.14	.018	5	23	.63	25	.13	<3	2.42	.01	.03	<2	4
L50+00N 52+00E	<1	4	4	19	<.3	2	<1	18	.52	2	<5	<2	<2	30	<.2	<2	<2	6	.22	.040	<1	3	.14	9	.01	<3	.20	.02	.01	<2	<1
L50+00N 52+50E	<1	4	5	11	<.3	1	<1	16	.22	<2	<5	<2	<2	15	<.2	<2	<2	4	.10	.037	1	4	.09	12	.01	3	.33	.03	.05	<2	1
L50+00N 53+00E	<1	3	4	20	<.3	1	<1	14	.10	<2	<5	<2	<2	36	<.2	<2	<2	2	.06	.034	<1	3	.23	16	.01	3	.14	.03	.02	<2	1
L50+00N 53+50E	1	5	9	8	<.3	2	<1	27	.36	3	<5	<2	<2	6	<.2	<2	<2	21	.03	.021	6	8	.07	16	.02	<3	1.12	.01	.02	<2	2
L50+00N 54+00E	1	6	4	12	<.3	2	1	21	.85	2	<5	<2	<2	20	<.2	<2	<2	13	.21	.032	1	3	.09	8	.02	<3	.30	.02	.01	<2	<1
L50+00N 54+50E	1	4	5	17	<.3	1	<1	11	2.32	5	<5	<2	<2	11	<.2	<2	<2	19	.07	.045	1	3	.05	7	.01	<3	.24	.02	.02	<2	1
L50+00N 55+00E	1	4	6	9	<.3	2	<1	11	.68	3	<5	<2	<2	8	<.2	<2	<2	9	.05	.041	1	4	.04	10	.01	<3	.38	.02	.01	<2	1
L50+00N 55+50E	1	16	15	38	.5	9	4	266	3.08	15	<5	<2	<2	8	<.2	2	<2	99	.10	.015	4	24	.72	22	.11	<3	2.30	.01	.03	<2	3
L50+00N 56+00E	1	4	6	8	<.3	2	1	15	.50	<2	<5	<2	<2	10	<.2	<2	<2	11	.05	.038	2	4	.06	9	.01	<3	.32	.02	.01	<2	<1
L50+00N 56+50E	<1	3	5	13	<.3	2	<1	30	.30	6	<5	<2	<2	29	<.2	<2	<2	2	.21	.053	<1	2	.17	7	<.01	3	.07	.03	.07	<2	1
L50+00N 57+00E not rec.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L50+00N 57+50E	<1	2	4	15	<.3	2	<1	22	.42	2	<5	<2	<2	19	<.2	<2	<2	2	.12	.045	1	3	.08	10	<.01	3	.13	.02	.02	<2	1
L50+00N 58+00E	<1	2	5	12	<.3	1	1	119	2.22	45	<5	<2	<2	25	<.2	<2	<2	5	.26	.048	<1	2	.07	9	<.01	<3	.11	.03	.05	<2	1
L50+00N 58+50E	1	2	7	5	<.3	1	<1	18	.97	17	<5	<2	<2	8	<.2	<2	<2	22	.07	.033	4	8	.03	13	.03	<3	.62	.01	.02	<2	21
STANDARD C/AU-S	20	57	38	127	7.5	67	31	1039	4.05	41	16	7	46	50	19.9	18	22	59	.48	.095	42	56	.90	186	.06	24	1.70	.06	.14	11	48

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

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
L50+00N 59+00E	<1	5	4	18	<.3	1	1	26	.77	2	<5	<2	<2	25	<.2	<2	<2	6	.16	.048	1	2	.09	23	.01	<3	.21	.02	.03	<2	8
L50+00N 59+50E	4	29	18	38	1.0	6	4	206	4.89	27	<5	<2	<2	12	<.2	<2	<2	125	.13	.014	4	28	.41	45	.16	<3	2.92	.01	.01	<2	9
L50+00N 60+00E	<1	5	6	13	<.3	1	1	50	1.31	12	<5	<2	<2	14	<.2	<2	<2	18	.11	.031	1	4	.05	16	.02	<3	.50	.01	<.01	<2	1
L50+00N 60+50E	3	14	26	26	1.3	4	2	135	4.66	25	<5	<2	<2	12	<.2	2	3	124	.14	.007	4	20	.27	17	.18	<3	1.64	.01	.01	<2	8
L50+00N 61+00E	2	9	28	14	.6	5	2	122	.84	9	<5	<2	<2	9	<.2	<2	<2	77	.11	.008	4	31	.28	15	.18	<3	1.56	.01	.02	<2	2
L50+00N 61+50E	4	32	35	35	.9	6	4	182	4.15	27	5	<2	3	13	<.2	<2	6	87	.18	.013	4	33	.41	20	.15	<3	3.12	.01	.02	<2	27
L50+00N 62+00E	2	12	20	24	1.1	5	3	132	2.49	18	9	<2	4	12	<.2	<2	3	88	.15	.008	6	19	.28	19	.12	<3	1.84	.01	.02	<2	10
L50+00N 62+50E	2	10	18	16	1.0	3	2	107	3.36	21	<5	<2	3	8	<.2	2	<2	108	.11	.005	4	18	.16	13	.13	<3	1.94	.01	.01	<2	4
L50+00N 63+00E	<1	6	7	6	.3	1	<1	11	.32	7	<5	<2	<2	10	<,2	<2	<2	12	.05	.026	1	3	.05	12	.02	<3	.38	.01	<.01	<2	1
L50+00N 63+50E	<1	4	<3	9	<.3	1	<1	66	.94	6	<5	<2	<2	14	<.2	<2	<2	10	.12	.045	<1	3	.05	14	.01	<3	.24	.02	.01	<2	<1
L50+00N 64+00E	<1	3	3	18	<.3	<1	<1	29	.33	<2	<5	<2	<2	25	<.2	<2	<2	1	.23	.041	<1	1	.09	15	<.01	<3	.08	.02	.02	<2	<1
L50+00N 64+50E	<1	3	<3	29	<.3	1	<1	10	.13	<2	<5	<2	<2	22	<.2	<2	<2	1	.18	.031	<1	2	.10	12	.01	<3	.12	.02	<.01	<2	<1
L50+00N 65+00E	<1	4	4	14	<.3	1	<1	9	.17	7	<5	<2	<2	9	<.2	<2	<2	7	.06	.026	1	5	.03	11	.01	<3	.33	.01	<.01	<2	3
RE L48+00N 38+50E	4	50	17	56	.6	13	6	280	3.76	23	<5	<2	<2	18	<.2	<2	3	92	.25	.019	4	34	.71	40	.17	<3	3.91	.01	.02	<2	9
L48+00N 35+00E	<1	3	<3	6	<.3	1	<1	20	.28	<2	<5	<2	<2	23	<.2	<2	<2	2	.18	.018	<1	1	.08	8	.01	<3	.15	.02	<.01	<2	1
L48+00N 35+50E	<1	3	<3	7	<.3	1	<1	19	.19	<2	7	<2	<2	44	<.2	<2	<2	2	.39	.031	<1	2	.10	11	<.01	<3	.11	.02	.03	<2	1
L48+00N 36+00E	<1	3	5	5	<.3	1	1	12	.44	3	<5	<2	<2	16	<.2	<2	<2	3	.13	.045	<1	1	.06	9	.01	<3	.18	.02	.02	<2	<1
L48+00N 36+50E	1	3	<3	4	.3	1	1	11	.26	7	10	<2	<2	7	<.2	<2	3	3	.05	.026	2	1	.03	6	.01	<3	.20	.02	.01	<2	<1
L48+00N 37+00E	4	37	23	46	1.3	8	5	252	7.20	35	8	<2	4	10	<.2	<2	2	103	.11	.017	4	32	.69	21	.17	<3	3.20	.01	.03	<2	6
L48+00N 37+50E	2	12	11	14	.6	2	2	132	2.17	8	<5	<2	<2	5	<.2	<2	<2	71	.06	.006	4	8	.23	10	.07	<3	1.42	.01	.01	<2	1
L48+00N 38+00E	2	52	16	57	.7	10	5	322	4.19	23	<5	<2	<2	13	<.2	<2	<2	88	.17	.021	6	24	.86	49	.12	<3	3.47	.01	.03	<2	5
L48+00N 38+50E	3	50	13	56	.8	13	6	278	3.76	16	<5	<2	<2	18	<.2	<2	<2	91	.25	.019	5	34	.71	41	.17	<3	3.95	.01	.02	<2	5
L48+00N 39+00E	1	21	15	24	.5	7	4	190	2.04	3	<5	<2	<2	10	<.2	<2	<2	82	.12	.020	4	27	.68	18	.11	<3	2.53	.01	.02	<2	6
L48+00N 39+50E	3	56	18	46	.6	9	5	285	2.68	21	<5	<2	<2	14	<.2	<2	<2	91	.17	.017	4	24	.79	28	.15	<3	4.40	.01	.02	<2	8
L48+00N 40+00E	<1	8	4	11	<.3	2	1	51	.50	<2	<5	<2	<2	25	<.2	<2	<2	12	.14	.024	<1	4	.25	10	.03	<3	.59	.02	.01	<2	<1
L48+00N 40+50E	<1	2	<3	8	<.3	<1	<1	15	.08	<2	<5	<2	<2	43	<.2	<2	<2	1	.12	.021	<1	1	.27	6	<.01	<3	.09	.03	.02	<2	<1
L48+00N 41+00E	<1	2	<3	4	<.3	<1	<1	16	.23	4	<5	<2	3	19	<.2	<2	<2	2	.07	.030	2	2	.11	6	.01	<3	.12	.02	.02	<2	<1
L48+00N 41+50E	<1	3	4	5	.3	1	<1	11	.13	3	8	<2	<2	18	<.2	<2	<2	1	.07	.026	1	2	.12	5	<.01	<3	.09	.02	.02	<2	<1
L48+00N 42+00E	<1	3	4	6	<.3	<1	1	21	.76	7	5	<2	<2	11	<.2	<2	3	2	.11	.030	1	1	.05	4	.01	<3	.11	.02	.02	<2	<1
L48+00N 42+50E	1	5	<3	5	<.3	1	1	32	.71	17	<5	<2	<2	24	<.2	<2	<2	3	.28	.023	1	3	.05	9	.01	<3	.14	.02	.02	<2	<1
L48+00N 43+00E	3	52	14	39	1.2	6	4	211	4.88	22	<5	<2	2	9	<.2	2	<2	105	.11	.015	4	21	.56	35	.11	<3	3.66	.01	.03	<2	6
L48+00N 43+50E	3	23	17	30	1.0	4	3	182	3.09	8	<5	<2	2	9	<.2	<2	<2	107	.11	.011	6	22	.46	17	.14	<3	3.11	.01	.03	<2	9
L48+00N 44+00E	<1	5	<3	12	<.3	1	<1	35	.29	<2	<5	<2	<2	23	<.2	<2	<2	7	.12	.027	<1	3	.15	8	.02	<3	.23	.02	.01	<2	<1
L48+00N 44+50E	<1	4	<3	8	<.3	1	<1	20	.90	7	<5	<2	<2	14	<.2	<2	<2	2	.13	.045	<1	1	.06	6	.01	<3	.11	.02	.01	<2	<1
L48+00N 45+00E	<1	4	<3	6	<.3	<1	<1	15	.22	<2	<5	<2	<2	20	<.2	<2	<2	2	.08	.026	<1	1	.12	8	.01	<3	.13	.02	<.01	<2	<1
STANDARD C/AU-S	23	57	41	127	6.7	67	32	1003	4.07	44	17	8	45	53	18.9	17	18	57	.49	.093	41	59	.92	192	.07	28	1.80	.06	.15	11	49

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

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
L48+00N 45+50E	1	3	<3	7	.4	1	1	33	1.04	11	<5	<2	<2	31	.2	2	<2	3	.28	.030	1	1	.11	9	<.01	<3	.11	.02	.03	<2	3
L48+00N 46+00E	<1	5	<3	7	<.3	1	<1	19	.98	10	<5	<2	<2	17	<.2	<2	<2	4	.16	.039	<1	2	.07	6	.01	<3	.17	.02	<.01	<2	1
L48+00N 46+50E	1	8	15	19	.6	5	2	139	.92	7	<5	<2	4	8	<.2	<2	<2	38	.10	.009	5	19	.41	13	.08	<3	1.78	.01	.02	<2	1
L48+00N 47+00E	<1	3	<3	7	<.3	1	<1	46	.30	<2	<5	<2	<2	14	<.2	<2	<2	2	.10	.030	1	2	.08	6	.01	<3	.13	.02	.02	<2	1
L48+00N 47+50E	<1	3	<3	7	<.3	1	<1	33	.27	2	<5	<2	<2	17	<.2	<2	<2	1	.13	.029	1	2	.10	4	<.01	<3	.08	.02	.03	<2	<1
L48+00N 48+00E	<1	4	4	8	.3	1	1	45	.45	2	<5	<2	<2	28	<.2	2	<2	3	.16	.045	1	3	.13	8	<.01	3	.12	.02	.02	<2	<1
L48+00N 48+50E	1	4	4	7	<.3	1	1	32	2.38	14	<5	<2	<2	15	<.2	2	<2	5	.17	.042	1	2	.04	5	.01	<3	.14	.02	.01	<2	<1
L48+00N 49+00E	1	8	5	10	.7	3	1	40	.66	6	<5	<2	2	14	<.2	2	<2	21	.08	.037	2	6	.13	11	.02	<3	.71	.01	.02	<2	1
L48+00N 49+50E	2	16	13	35	1.2	6	3	298	3.38	21	<5	<2	3	8	<.2	<2	<2	108	.11	.013	5	15	.53	19	.04	<3	2.36	.01	.03	<2	4
L48+00N 50+00E	2	71	14	58	1.2	13	7	302	5.13	40	<5	<2	2	10	<.2	<2	4	118	.13	.031	4	19	.85	65	.08	<3	3.98	.01	.03	<2	10
L48+00N 50+50E	1	8	3	23	.7	2	1	30	.70	4	<5	<2	2	5	.2	2	<2	14	.05	.052	2	4	.09	8	.02	<3	.52	.02	.02	<2	<1
L48+00N 51+00E	2	18	19	20	.9	4	2	180	1.69	8	<5	<2	2	7	<.2	<2	<2	112	.07	.009	3	10	.53	24	.19	<3	2.03	.01	.02	<2	16
L48+00N 51+50E	1	4	3	17	.5	1	1	16	.36	4	7	<2	3	18	.3	2	<2	6	.06	.043	2	2	.11	13	.01	<3	.26	.02	.04	<2	<1
L48+00N 52+00E	1	10	13	12	.7	2	2	101	1.24	6	<5	<2	<2	7	<.2	2	<2	95	.07	.012	3	18	.27	9	.08	<3	1.68	.01	.02	<2	2
L48+00N 52+50E	1	7	3	19	.8	2	1	25	.42	5	<5	<2	3	20	<.2	2	<2	10	.06	.035	2	4	.15	15	.02	<3	.36	.02	.04	<2	<1
RE L48+00N 53+00E	1	5	4	14	1.1	6	4	74	3.06	4	<5	<2	<2	12	<.2	<2	<2	99	.11	.017	3	13	.28	11	.13	<3	.66	.01	.04	<2	1
L48+00N 53+00E	1	5	5	14	1.3	6	3	72	2.97	3	<5	<2	3	11	<.2	4	<2	95	.10	.017	3	11	.27	11	.12	<3	.64	.01	.05	<2	2
L48+00N 53+50E	3	22	17	41	1.3	11	6	291	6.43	18	<5	<2	3	15	<.2	<2	<2	154	.16	.017	3	37	.58	21	.19	<3	2.60	.01	.04	<2	15
L48+00N 54+00E	1	8	3	14	.6	2	1	29	.60	6	<5	<2	<2	16	<.2	<2	<2	13	.11	.040	1	4	.10	18	.02	<3	.40	.02	.02	2	1
L48+00N 54+50E	1	7	4	12	.4	2	1	9	.43	6	<5	<2	<2	7	<.2	<2	<2	19	.06	.031	1	7	.03	11	.02	<3	.56	.01	.01	<2	1
L48+00N 55+00E	<1	3	3	11	.5	<1	<1	18	.25	4	<5	<2	2	14	<.2	3	2	3	.13	.024	2	2	.06	5	.01	<3	.10	.02	.02	<2	<1
L48+00N 55+50E	<1	2	<3	8	<.3	<1	<1	7	.16	<2	<5	<2	<2	40	<.2	<2	<2	2	.30	.024	<1	2	.22	6	.01	<3	.11	.02	<.01	<2	<1
L48+00N 56+00E	2	31	20	47	1.0	8	4	215	3.02	17	<5	<2	3	11	<.2	2	<2	103	.14	.013	5	26	.52	19	.14	<3	2.72	.01	.02	<2	4
L48+00N 56+50E	1	7	10	17	.8	3	2	221	.78	8	<5	<2	3	6	.3	3	3	56	.06	.018	4	18	.41	10	.05	<3	1.43	.01	.03	<2	8
L48+00N 57+00E	<1	4	<3	25	<.3	1	1	25	.27	7	<5	<2	<2	14	<.2	2	<2	5	.09	.035	1	3	.10	4	.01	<3	.14	.02	.02	<2	1
L48+00N 57+50E	<1	3	<3	26	.3	1	<1	13	.13	2	<5	<2	<2	14	<.2	2	<2	2	.07	.027	1	2	.11	4	<.01	<3	.10	.02	.01	<2	<1
L48+00N 58+00E	<1	2	<3	12	.3	1	<1	8	.13	2	<5	<2	2	22	<.2	2	<2	2	.11	.020	1	3	.15	3	<.01	<3	.09	.02	<.01	<2	1
L48+00N 58+50E	<1	3	<3	18	<.3	1	<1	186	.12	2	<5	<2	<2	43	<.2	<2	<2	1	.22	.032	<1	2	.17	15	<.01	<3	.08	.02	.04	<2	<1
L48+00N 59+00E	1	8	6	17	.8	2	1	171	.95	24	<5	<2	<2	31	.2	2	2	17	.31	.036	2	4	.07	14	.02	<3	.38	.01	.01	<2	1
L48+00N 59+50E	3	25	25	54	1.3	5	3	176	5.82	24	<5	<2	<2	10	.2	<2	<2	154	.12	.011	4	27	.37	18	.15	<3	2.32	.01	.01	<2	5
L48+00N 60+00E	3	31	26	59	1.3	7	4	235	7.62	46	<5	<2	4	9	.4	<2	<2	154	.11	.015	3	39	.40	15	.15	<3	2.83	.01	.02	<2	5
L48+00N 60+50E	<1	4	<3	30	.3	1	1	13	.64	19	<5	<2	<2	8	<.2	<2	<2	6	.06	.037	1	3	.06	6	.01	<3	.28	.02	.01	<2	<1
L48+00N 61+00E	2	47	29	58	1.0	6	4	314	5.71	102	<5	<2	2	7	<.2	<2	<2	115	.08	.017	4	18	.54	34	.11	<3	2.33	.01	.04	<2	5
L48+00N 61+50E	2	55	23	83	1.1	10	6	339	6.19	47	<5	<2	2	11	<.2	<2	<2	137	.14	.015	4	32	.67	34	.14	<3	3.68	.01	.02	<2	8
L48+00N 62+00E	<1	8	6	29	.9	3	1	35	2.12	11	<5	<2	3	6	<.2	<2	<2	22	.06	.044	3	6	.09	11	.02	<3	.60	.02	.03	<2	2
STANDARD C/AU-S	21	59	39	123	6.1	70	33	984	3.91	39	18	8	44	50	18.1	18	15	58	.47	.088	39	57	.88	178	.05	25	1.69	.06	.14	11	48

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

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
L48+00N 62+50E	2	10	16	19	1.1	4	2	102	6.90	20	<5	<2	3	9	.6	<2	<2	165	.11	.010	5	53	.18	11	.16	<3	1.99	.01	.01	<2	25
L48+00N 63+00E	2	24	21	43	.9	8	4	202	1.86	20	<5	<2	3	12	<.2	<2	<2	114	.19	.013	8	40	.51	23	.14	<3	3.58	.01	.02	<2	5
L48+00N 63+50E	<1	6	5	13	.7	1	<1	47	.42	3	<5	<2	2	10	<.2	<2	<2	12	.20	.040	2	8	.06	10	.03	4	.75	.01	.02	<2	<1
L48+00N 64+00E	<1	5	4	15	<.3	1	1	49	.35	5	<5	<2	<2	38	.4	<2	<2	7	.31	.060	1	2	.11	22	.01	<3	.21	.03	.04	<2	<1
L48+00N 64+50E	<1	4	3	11	<.3	2	<1	20	.12	3	<5	<2	<2	13	.2	<2	<2	6	.09	.028	2	3	.05	10	.01	<3	.33	.02	<.01	<2	<1
L48+00N 65+00E	<1	3	<3	28	<.3	1	<1	15	.19	<2	<5	<2	2	18	<.2	2	2	2	.08	.029	1	2	.09	8	<.01	3	.12	.02	.01	<2	<1
L48+00N 65+50E	<1	3	4	21	<.3	1	<1	70	3.31	34	<5	<2	<2	24	.3	2	<2	3	.20	.063	1	1	.07	8	<.01	<3	.07	.02	.04	<2	<1
L48+00N 66+00E	1	4	<3	15	<.3	1	<1	83	1.74	57	<5	<2	<2	13	.2	2	<2	10	.16	.044	1	3	.05	7	.01	<3	.19	.02	.01	<2	<1
L48+00N 66+50E	1	1	23	15	.7	1	1	163	2.68	9	<5	<2	2	7	<.2	<2	<2	99	.09	.010	3	10	.50	6	.15	<3	1.13	.01	.01	<2	3
L48+00N 67+00E	2	3	14	6	.5	4	1	23	.76	9	<5	<2	2	6	<.2	<2	<2	44	.05	.022	6	47	.12	8	.06	<3	.69	.01	.03	<2	4
L48+00N 67+50E	3	3	15	9	.6	3	1	62	1.66	100	<5	<2	2	8	.5	2	<2	49	.07	.023	5	36	.11	10	.05	<3	.72	.01	.03	<2	2
L48+00N 68+00E	1	4	8	11	.3	1	<1	10	.43	16	<5	<2	2	6	.2	<2	<2	20	.05	.035	4	7	.03	9	.02	<3	.66	.02	.02	<2	1
L48+00N 68+50E	4	18	20	54	1.2	9	5	251	3.91	20	<5	<2	3	18	.2	<2	<2	128	.22	.007	3	30	.64	19	.19	<3	2.65	.01	.02	<2	5
L48+00N 69+00E	3	10	19	25	1.1	4	2	120	4.02	9	<5	<2	3	11	.3	<2	<2	165	.13	.007	4	27	.29	13	.17	<3	2.13	.01	.02	<2	4
L48+00N 69+50E	3	2	10	15	<.3	2	4	98	8.40	629	<5	<2	<2	12	.6	<2	<2	78	.23	.022	4	18	.24	17	.05	<3	1.28	.01	.01	<2	3
L48+00N 70+00E	1	<1	9	10	.4	1	2	69	1.44	3	<5	<2	2	7	<.2	<2	<2	59	.08	.008	5	4	.18	9	.06	<3	1.07	.01	.02	<2	6
L46+00N 43+50E	1	3	5	19	<.3	1	<1	44	.67	5	<5	<2	<2	29	.2	<2	<2	4	.20	.048	1	2	.10	9	.01	3	.13	.03	.04	<2	1
L46+00N 44+00E	<1	2	<3	12	<.3	<1	<1	18	.10	5	6	<2	<2	13	<.2	2	3	3	.09	.022	2	2	.09	3	.01	<3	.11	.02	.02	<2	<1
L46+00N 44+50E	<1	2	<3	15	<.3	1	<1	40	.37	<2	<5	<2	<2	16	.2	<2	<2	1	.16	.035	1	1	.09	4	<.01	<3	.08	.03	.02	<2	<1
L46+00N 45+00E	<1	2	<3	12	<.3	<1	<1	10	.32	<2	<5	<2	<2	48	.3	<2	<2	1	.06	.032	1	1	.27	12	<.01	3	.07	.03	.03	<2	<1
L46+00N 45+50E	1	4	<3	20	<.3	1	<1	31	.29	<2	7	<2	<2	24	.2	<2	<2	1	.07	.048	1	2	.16	6	<.01	3	.07	.03	.05	<2	<1
RE L48+00N 67+00E	2	2	14	7	.7	4	1	24	.76	11	5	<2	2	6	<.2	<2	<2	45	.05	.022	6	49	.12	8	.06	<3	.70	.01	.03	<2	13
L46+00N 46+00E	<1	3	<3	12	<.3	<1	<1	15	.09	<2	7	<2	<2	38	.3	<2	<2	1	.16	.030	1	2	.22	6	<.01	5	.08	.03	.03	<2	<1
L46+00N 46+50E	<1	3	3	13	<.3	1	<1	10	.13	2	6	<2	<2	15	<.2	<2	<2	2	.19	.032	1	2	.07	5	<.01	<3	.10	.02	.03	<2	<1
L46+00N 47+00E	1	2	4	9	<.3	1	<1	22	.45	6	<5	<2	<2	11	<.2	<2	<2	6	.08	.037	2	4	.07	5	.01	<3	.27	.02	.03	<2	<1
L46+00N 47+50E	<1	3	3	9	<.3	1	<1	20	.12	2	<5	<2	<2	9	<.2	<2	<2	2	.07	.031	1	2	.06	9	<.01	<3	.14	.02	.03	<2	<1
L46+00N 48+00E	<1	4	5	17	<.3	1	<1	73	.75	6	6	<2	<2	34	.2	2	<2	4	.37	.027	1	1	.08	8	.01	<3	.16	.02	.02	<2	<1
L46+00N 48+50E	2	19	17	34	.9	6	2	197	1.99	11	<5	<2	4	9	.2	<2	<2	114	.11	.009	6	24	.53	22	.09	<3	2.46	.01	.03	<2	1
L46+00N 49+00E	3	28	16	46	1.0	5	3	230	4.02	15	6	<2	2	11	.2	<2	<2	143	.14	.014	6	24	.67	35	.16	<3	3.52	.01	.07	<2	7
L46+00N 49+50E	2	20	16	38	1.1	6	3	227	2.35	13	10	<2	2	13	.3	<2	<2	138	.16	.010	4	22	.68	23	.13	<3	2.80	.01	.04	<2	6
L46+00N 50+00E	2	19	13	29	1.2	4	3	203	5.40	12	<5	<2	<2	9	.5	<2	<2	152	.10	.010	4	23	.53	16	.11	<3	2.52	.01	.03	<2	6
L46+00N 50+50E	2	52	20	60	1.0	10	4	297	2.06	18	9	<2	3	13	.4	<2	<2	105	.15	.017	6	31	.75	36	.12	<3	4.02	.01	.04	<2	3
L46+00N 51+00E	2	21	17	22	.8	3	1	97	1.39	11	9	<2	2	9	<.2	<2	<2	74	.10	.012	6	20	.21	16	.14	<3	2.26	.01	.03	<2	4
L46+00N 51+50E	2	18	15	38	.9	5	3	222	5.51	14	<5	<2	3	9	<.2	<2	<2	130	.11	.008	3	23	.50	20	.15	<3	2.47	.01	.02	<2	5
L46+00N 52+00E	3	45	16	52	.7	7	5	268	5.79	28	5	<2	2	10	.2	<2	<2	144	.12	.011	2	32	.55	28	.19	<3	3.51	.01	.03	<2	66
STANDARD C/AU-S	23	56	41	135	6.4	68	32	1043	4.22	44	17	9	38	54	19.1	17	16	62	.50	.096	42	61	.94	178	.06	26	1.81	.06	.15	11	53

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

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
L46+00N 52+50E	<1	6	5	26	.3	8	1	52	.80	4	<5	<2	<2	31	<.2	<2	<2	17	.42	.025	1	4	.10	9	.03	<3	.45	.02	.01	<2	2
L46+00N 53+00E	<1	2	3	18	.4	2	<1	10	.10	2	<5	<2	<2	18	.3	<2	<2	2	.15	.020	1	3	.12	4	<.01	<3	.10	.02	.02	<2	<1
L46+00N 53+50E	2	3	3	10	.3	1	<1	76	.69	10	<5	<2	<2	29	.2	<2	<2	8	.69	.028	1	4	.06	9	.01	<3	.34	.02	.02	<2	1
L46+00N 54+00E	<1	2	<3	27	.4	<1	<1	10	.15	3	<5	<2	<2	19	.3	2	4	1	.16	.019	1	2	.13	3	<.01	<3	.08	.02	.02	<2	1
L46+00N 54+50E	<1	2	4	32	.3	<1	<1	9	.10	2	<5	<2	<2	20	.3	<2	<2	1	.09	.019	1	2	.12	4	<.01	<3	.08	.02	.01	<2	<1
L46+00N 55+00E	<1	3	3	67	<.3	<1	<1	13	.21	2	5	<2	<2	16	.2	<2	<2	1	.14	.030	1	3	.09	5	<.01	<3	.07	.02	.02	<2	<1
RE L46+00N 56+50E	1	38	12	62	.9	9	5	285	1.95	48	7	<2	2	27	<.2	<2	<2	78	.41	.024	6	20	.65	54	.10	<3	2.93	.02	.03	<2	12
L46+00N 55+50E	<1	3	<3	37	.3	1	<1	11	.19	5	5	<2	<2	12	.3	<2	<2	2	.10	.029	1	3	.06	4	<.01	<3	.11	.02	.02	<2	1
L46+00N 56+00E	<1	2	3	21	.3	1	1	11	.11	5	<5	<2	<2	9	.2	<2	<2	4	.06	.021	2	2	.05	8	.01	<3	.19	.02	.02	<2	<1
L46+00N 56+50E	1	35	9	56	.7	9	4	268	1.81	41	<5	<2	<2	25	.3	<2	<2	72	.38	.021	6	19	.61	50	.09	<3	2.71	.02	.03	<2	12
L46+00N 57+00E	1	31	8	9	1.8	2	1	49	.42	30	<5	<2	<2	23	.7	3	<2	26	.26	.024	3	9	.08	19	.03	<3	1.01	.01	.01	<2	11
L46+00N 57+50E	<1	7	<3	12	.5	1	<1	18	.20	8	<5	<2	2	11	.4	2	<2	6	.09	.021	2	4	.06	8	.01	<3	.35	.01	.01	<2	1
L46+00N 58+00E	<1	3	<3	23	.3	<1	<1	8	.11	3	<5	<2	<2	16	<.2	<2	<2	2	.10	.021	1	2	.07	9	.01	<3	.16	.02	.01	<2	<1
L46+00N 58+50E	<1	4	5	17	<.3	<1	<1	20	.27	6	6	<2	<2	10	<.2	<2	2	7	.07	.021	2	3	.07	8	.01	<3	.32	.02	.01	<2	<1
L46+00N 59+00E	<1	2	<3	25	<.3	<1	<1	12	.26	9	5	<2	<2	11	.3	<2	<2	2	.11	.017	1	1	.05	2	<.01	<3	.11	.02	.01	<2	<1
L46+00N 59+50E	2	48	13	50	1.0	7	3	215	1.88	14	<5	<2	<2	9	<.2	<2	<2	104	.14	.020	5	28	.73	42	.13	<3	3.32	.01	.07	<2	15
L46+00N 60+00E	2	57	17	77	1.0	8	4	227	3.02	43	7	<2	3	10	<.2	<2	<2	102	.13	.016	5	30	.64	33	.10	<3	4.32	.01	.04	<2	13
L46+00N 60+50E	2	86	14	82	1.1	10	5	257	3.16	62	<5	<2	4	14	<.2	<2	<2	95	.24	.021	7	27	.61	41	.15	<3	4.13	.01	.04	<2	13
L46+00N 61+00E	3	63	20	48	1.2	6	4	178	6.72	43	<5	<2	3	10	.2	<2	<2	160	.14	.013	4	43	.38	21	.22	<3	3.11	.01	.02	<2	8
L46+00N 61+50E	4	72	14	34	.9	4	3	130	5.13	17	<5	<2	3	10	.2	<2	<2	129	.12	.011	4	25	.39	19	.17	<3	3.26	.01	.03	<2	4
L46+00N 62+00E	4	89	14	90	.9	12	7	287	4.95	51	<5	<2	3	16	<.2	<2	<2	132	.20	.032	2	35	.67	36	.22	<3	5.53	.01	.03	<2	13
L46+00N 62+50E	2	38	19	57	.9	8	4	185	5.66	55	<5	<2	<2	12	<.2	<2	<2	136	.18	.014	3	47	.43	21	.20	<3	3.33	.01	.03	<2	6
L46+00N 63+00E	<1	4	6	11	1.0	1	1	263	1.34	7	<5	<2	<2	31	.3	<2	<2	27	.39	.032	2	5	.06	20	.02	<3	.70	.01	.01	<2	<1
L46+00N 63+50E	3	39	26	69	1.4	11	5	236	2.80	49	<5	<2	5	15	<.2	<2	<2	134	.21	.013	3	47	.57	32	.17	<3	4.77	.01	.02	<2	12
L46+00N 64+00E	2	15	16	34	1.2	5	3	120	3.84	23	<5	<2	4	9	.3	<2	<2	108	.11	.010	3	26	.25	16	.13	<3	2.11	.01	.02	<2	11
L46+00N 64+50E	2	36	15	68	1.0	9	6	263	4.92	32	<5	<2	4	11	.2	<2	<2	106	.14	.018	3	46	.47	21	.16	<3	5.05	.01	.02	<2	11
L46+00N 65+00E	<1	4	<3	34	<.3	1	1	23	.44	4	<5	<2	<2	8	.2	2	<2	8	.07	.028	1	4	.04	9	.01	<3	.36	.01	.01	<2	5
L46+00N 65+50E	<1	2	<3	13	.3	<1	<1	12	.14	2	<5	<2	2	12	.3	<2	3	3	.08	.021	1	2	.07	8	.01	<3	.18	.01	.01	<2	3
L46+00N 66+00E	<1	3	<3	19	<.3	<1	<1	16	.11	6	<5	<2	<2	20	.2	<2	<2	2	.15	.023	1	2	.11	5	<.01	3	.17	.02	.02	<2	2
L46+00N 66+50E	<1	2	6	8	.5	<1	<1	57	.66	12	<5	<2	2	12	.2	<2	<2	7	.19	.032	2	5	.03	7	.01	<3	.39	.01	.01	<2	4
L46+00N 67+00E	<1	2	9	5	.5	1	<1	13	.53	26	<5	<2	<2	6	<.2	<2	<2	12	.07	.048	4	14	.02	8	.01	<3	1.04	.01	.02	<2	2
L46+00N 67+50E	<1	2	3	8	.3	<1	<1	26	.08	3	<5	<2	2	12	<.2	<2	<2	2	.06	.021	1	2	.07	5	<.01	4	.13	.02	.02	<2	1
L46+00N 68+00E	<1	2	<3	18	.3	<1	<1	13	.06	2	<5	<2	4	17	<.2	<2	3	3	.09	.018	1	3	.10	5	.01	<3	.15	.01	.01	<2	1
L46+00N 68+50E	2	23	9	24	1.6	1	<1	16	.05	19	<5	<2	2	6	.6	<2	3	25	.03	.039	2	11	.04	6	.02	<3	.55	.01	.02	<2	3
L46+00N 69+00E	12	19	13	19	1.9	3	1	25	.11	29	<5	<2	2	6	.6	<2	<2	75	.05	.051	5	16	.03	10	.03	<3	1.12	.01	.02	<2	3
STANDARD C/AU-S	22	56	37	134	6.5	65	31	1036	4.16	37	32	9	37	54	19.0	17	15	61	.51	.096	39	59	.93	197	.07	28	1.87	.06	.16	12	56

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

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
L46+00N 69+50E	3	14	9	41	.7	11	5	337	4.09	19	9	<2	3	6	1.6	2	<2	109	.07	.019	2	64	.82	18	.17	3	1.54	.02	.04	<2	2
L46+00N 70+00E	2	12	16	28	.7	4	2	89	.78	20	<5	<2	<2	10	.4	<2	2	35	.14	.025	4	13	.20	25	.03	<3	.91	.01	.02	<2	5
L44+00N 35+00E	3	45	16	60	.9	11	7	383	4.42	26	6	<2	5	13	<.2	<2	<2	115	.14	.016	4	32	.94	45	.14	<3	3.66	.01	.03	<2	3
L44+00N 35+50E	2	46	16	55	.5	10	6	348	4.39	26	6	<2	3	12	.3	<2	<2	102	.18	.016	5	26	.83	45	.12	<3	3.08	.01	.02	<2	16
L44+00N 36+00E	1	5	4	11	<.3	1	1	55	.86	6	<5	<2	<2	16	.3	<2	<2	15	.20	.033	1	4	.15	10	.02	<3	.37	.02	.04	<2	7
L44+00N 36+50E	1	6	17	19	.4	1	2	159	2.23	4	<5	<2	<2	5	<.2	<2	<2	78	.07	.014	3	13	.38	10	.10	<3	1.26	.01	.02	<2	2
L44+00N 37+00E	3	61	17	55	.4	10	6	293	2.49	26	<5	<2	3	14	<.2	<2	<2	95	.16	.020	5	27	.69	29	.13	<3	4.74	.01	.02	<2	8
L44+00N 37+50E	<1	2	<3	6	<.3	<1	<1	19	.19	<2	<5	<2	2	14	<.2	<2	<2	2	.07	.027	<1	1	.13	3	<.01	<3	.09	.02	.02	<2	<1
L44+00N 38+00E	<1	1	<3	4	<.3	<1	<1	8	.18	<2	<5	<2	2	19	<.2	<2	<2	1	.04	.017	<1	1	.15	3	<.01	<3	.08	.02	.02	<2	<1
L44+00N 38+50E	<1	2	<3	6	<.3	<1	<1	12	.10	<2	<5	<2	<2	35	<.2	<2	3	1	.06	.022	<1	1	.20	7	<.01	<3	.07	.02	.03	<2	1
L44+00N 39+00E	<1	2	<3	3	<.3	<1	<1	7	.16	<2	<5	<2	<2	10	<.2	<2	<2	1	.10	.023	<1	1	.07	3	<.01	<3	.09	.01	.01	<2	<1
RE L44+00N 44+50E	2	57	12	67	<.3	10	7	373	6.33	31	6	<2	<2	8	<.2	<2	<2	94	.11	.030	4	20	1.01	56	.10	<3	3.85	.01	.03	<2	6
L44+00N 39+50E	<1	3	3	5	<.3	<1	<1	12	.31	<2	<5	<2	<2	13	<.2	<2	<2	2	.09	.032	<1	2	.07	6	<.01	<3	.09	.02	.01	<2	1
L44+00N 40+00E	<1	2	<3	6	<.3	<1	<1	10	.33	<2	<5	<2	<2	9	<.2	<2	2	1	.08	.031	<1	1	.07	3	<.01	<3	.08	.02	.03	<2	<1
L44+00N 40+50E	<1	2	<3	5	<.3	<1	<1	11	.10	<2	<5	<2	<2	19	.2	<2	<2	1	.48	.023	<1	2	.10	3	<.01	3	.07	.02	.02	<2	<1
L44+00N 41+00E	<1	1	<3	4	<.3	<1	<1	30	.04	<2	<5	<2	<2	35	<.2	<2	<2	1	.13	.016	<1	1	.23	4	<.01	3	.07	.03	.01	<2	<1
L44+00N 41+50E	<1	2	<3	6	<.3	<1	<1	23	.23	<2	<5	<2	<2	14	<.2	<2	<2	1	.13	.032	<1	1	.07	3	<.01	<3	.06	.02	.02	<2	<1
L44+00N 42+00E	<1	2	<3	10	<.3	<1	<1	13	.16	<2	<5	<2	<2	26	.2	<2	<2	1	.10	.026	<1	1	.16	6	<.01	<3	.06	.02	.03	<2	<1
L44+00N 42+50E	1	3	6	7	.6	<1	1	27	.26	2	<5	<2	3	6	<.2	<2	<2	29	.04	.020	3	6	.10	11	.01	<3	1.02	.01	.02	<2	1
L44+00N 43+00E	<1	8	3	11	<.3	1	1	35	1.02	5	<5	<2	<2	9	.3	<2	<2	9	.06	.040	1	3	.12	11	.01	<3	.39	.01	.03	<2	<1
L44+00N 43+50E	2	64	9	51	.6	8	6	302	3.80	13	<5	<2	3	13	<.2	<2	<2	82	.17	.027	5	20	.68	33	.11	<3	3.54	.01	.03	<2	4
L44+00N 44+00E	1	8	15	14	1.1	1	2	96	3.54	4	<5	<2	<2	6	<.2	<2	<2	122	.05	.011	2	11	.20	12	.15	<3	1.46	<.01	.02	<2	2
L44+00N 44+50E	2	58	13	68	.6	10	7	389	6.52	31	<5	<2	<2	8	<.2	<2	<2	95	.10	.031	4	21	1.02	58	.10	<3	3.98	.01	.03	<2	5
L44+00N 45+00E	1	6	<3	10	.3	1	1	61	.58	2	<5	<2	<2	15	<.2	<2	<2	17	.18	.035	1	6	.17	9	.02	<3	.68	.01	.02	<2	<1
L44+00N 45+50E	<1	3	<3	9	.5	<1	<1	66	.50	<2	<5	<2	2	18	<.2	<2	<2	12	.04	.027	1	3	.22	9	.04	<3	.40	.01	.02	<2	5
L44+00N 46+00E	<1	9	9	15	.3	2	1	145	.96	2	<5	<2	<2	7	<.2	<2	<2	27	.07	.020	2	9	.32	11	.05	<3	1.02	.01	.02	<2	1
L44+00N 46+50E	3	56	13	67	.6	9	6	359	9.07	42	5	<2	3	5	<.2	<2	<2	82	.03	.029	3	18	1.09	81	.06	<3	6.39	.01	.02	<2	14
L44+00N 47+00E	2	27	6	29	1.0	4	3	164	4.99	16	<5	<2	3	6	<.2	<2	<2	106	.06	.024	5	26	.46	16	.13	<3	4.92	.01	.02	<2	4
L44+00N 47+50E	2	40	11	48	.9	7	4	243	5.70	25	<5	<2	4	7	<.2	<2	<2	118	.07	.020	3	25	.61	26	.12	<3	3.79	.01	.01	<2	16
L44+00N 48+00E	2	47	14	56	.7	8	6	332	5.48	25	<5	<2	3	6	<.2	<2	<2	109	.14	.024	3	27	.79	39	.14	<3	4.15	.01	.02	<2	121
L44+00N 48+50E	<1	5	5	10	<.3	1	1	47	1.14	4	<5	<2	2	11	.2	<2	<2	12	.16	.034	1	4	.11	6	.02	<3	.35	.01	.02	<2	1
L44+00N 49+00E	1	28	10	38	.7	7	5	237	5.56	14	<5	<2	3	9	<.2	<2	<2	90	.09	.010	4	20	.61	44	.07	<3	3.41	.01	.02	<2	10
L44+00N 49+50E	1	41	13	73	.8	9	6	360	5.28	23	<5	<2	4	7	<.2	<2	<2	122	.09	.017	3	27	.81	36	.13	<3	3.95	.01	.02	<2	11
L44+00N 50+00E	1	24	10	27	.7	5	3	207	1.89	7	<5	<2	2	19	<.2	<2	<2	82	.33	.007	3	17	.56	46	.10	<3	2.26	.01	.02	<2	4
L44+00N 50+00E dup.	1	15	10	28	1.0	7	4	254	2.37	10	<5	<2	3	13	<.2	<2	<2	109	.22	.006	5	20	.65	42	.07	<3	2.50	.01	.02	<2	2
STANDARD C/AU-S	19	59	38	128	6.5	67	32	1099	4.11	37	21	8	44	50	17.6	18	20	63	.48	.096	40	54	.92	187	.06	28	1.79	.06	.14	12	51

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

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
L44+00N 50+50E	1	9	3	17	1.1	4	2	130	.94	15	<5	<2	3	22	.2	<2	<2	46	.30	.016	4	12	.27	33	.06	<3	1.53	.01	.01	<2	15
L44+00N 51+00E not rec.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L44+00N 51+50E not rec.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L44+00N 52+00E	1	4	<3	11	<.3	2	1	89	1.27	18	<5	<2	3	15	<.2	2	<2	13	.18	.042	3	3	.13	15	.02	<3	.59	.01	.03	<2	1
L44+00N 52+50E	<1	3	<3	13	<.3	1	1	48	.39	6	<5	<2	<2	22	.2	2	<2	2	.26	.035	<1	1	.08	7	<.01	<3	.08	.01	.01	<2	1
L44+00N 53+00E	<1	2	<3	7	<.3	1	<1	7	.08	4	<5	<2	4	27	.3	2	<2	1	.06	.022	1	1	.22	6	<.01	3	.04	.02	.02	<2	<1
L44+00N 53+50E	<1	5	<3	22	<.3	1	1	9	1.35	16	<5	<2	4	32	.2	<2	2	4	.40	.036	1	1	.07	8	<.01	<3	.10	.02	.02	<2	1
L44+00N 54+00E	2	53	5	55	.8	10	4	312	5.18	23	<5	<2	4	16	<.2	<2	<2	118	.21	.019	3	30	.55	26	.21	<3	3.69	.01	.02	<2	6
L44+00N 54+50E	1	29	9	39	1.0	6	2	228	4.75	32	<5	<2	4	13	<.2	<2	<2	139	.15	.012	6	22	.35	21	.15	<3	2.62	.01	.01	<2	22
L44+00N 55+00E	2	39	7	45	1.0	7	3	225	5.76	28	<5	<2	4	11	<.2	<2	<2	132	.12	.016	4	26	.41	20	.17	<3	3.23	.01	.02	<2	4
L44+00N 55+50E	2	17	12	23	1.4	4	1	149	3.99	18	<5	<2	4	10	<.2	<2	<2	120	.11	.010	4	17	.27	12	.15	<3	1.80	.01	.02	<2	8
L44+00N 56+00E	2	31	5	34	1.5	7	3	213	5.61	21	<5	<2	5	11	<.2	<2	<2	136	.11	.013	4	33	.46	18	.18	<3	2.49	.01	.03	<2	3
L44+00N 56+50E	2	42	8	55	1.7	8	4	340	6.58	24	<5	<2	4	14	<.2	<2	<2	133	.14	.017	4	26	.60	27	.19	<3	3.33	.01	.04	<2	3
L44+00N 57+00E	2	19	20	22	1.0	5	1	141	2.22	12	<5	<2	5	14	<.2	<2	<2	103	.15	.007	6	23	.27	17	.20	<3	2.46	.01	.03	<2	15
L44+00N 57+50E	1	10	15	14	1.0	3	1	125	1.73	8	<5	<2	3	10	<.2	<2	<2	90	.12	.008	6	16	.19	13	.18	<3	1.65	.01	.02	<2	5
L44+00N 58+00E	2	15	10	24	1.4	5	2	167	7.16	22	<5	<2	6	10	<.2	<2	<2	166	.11	.007	3	24	.28	13	.26	<3	1.97	.01	.01	<2	8
L44+00N 58+50E	<1	5	<3	14	<.3	3	1	69	.93	8	<5	<2	<2	18	.6	2	<2	4	.15	.038	1	2	.09	11	.01	<3	.13	.02	.02	<2	<1
L44+00N 59+00E	<1	4	<3	14	<.3	2	1	20	.79	7	<5	<2	<2	19	.3	<2	<2	2	.22	.033	<1	1	.06	7	<.01	<3	.07	.01	.01	<2	<1
L44+00N 59+50E	<1	3	<3	18	<.3	1	<1	17	.14	4	<5	<2	<2	27	.4	<2	<2	1	.12	.030	1	2	.21	5	<.01	<3	.05	.02	.03	<2	1
RE L44+00N 60+50E	2	39	12	36	1.0	5	2	198	5.87	47	<5	<2	3	13	<.2	<2	<2	153	.15	.009	4	31	.32	18	.22	<3	2.79	.01	.01	<2	8
L44+00N 60+00E	<1	3	<3	13	<.3	1	<1	52	.17	4	<5	<2	2	27	<.2	<2	<2	2	.19	.030	<1	1	.19	4	<.01	<3	.07	.02	.02	<2	1
L44+00N 60+50E	2	40	13	36	.9	5	2	194	5.82	48	<5	<2	3	13	<.2	<2	<2	152	.15	.009	4	30	.31	18	.22	<3	2.79	.01	.01	<2	12
L44+00N 61+00E	<1	7	<3	12	<.3	1	<1	45	1.32	13	<5	<2	<2	18	<.2	<2	<2	11	.25	.024	1	3	.06	12	.02	<3	.34	.01	.01	<2	1
L44+00N 61+50E	2	23	10	26	1.3	4	2	144	3.96	38	<5	<2	4	11	<.2	<2	<2	135	.13	.008	5	26	.17	14	.14	<3	2.17	.01	.01	<2	22
L44+00N 62+00E	2	27	14	38	1.3	6	2	176	5.58	63	<5	<2	5	12	<.2	<2	<2	146	.14	.012	4	39	.24	16	.19	<3	2.66	.01	.01	<2	79
L42+00N 35+00E	1	5	4	6	<.3	1	1	26	3.77	4	<5	<2	<2	15	<.2	<2	2	8	.15	.045	<1	<1	.06	10	.01	<3	.18	.02	.02	<2	2
L42+00N 35+50E	<1	3	<3	6	<.3	2	<1	14	.73	4	<5	<2	<2	8	.2	<2	<2	4	.06	.030	<1	3	.05	6	<.01	<3	.11	.02	.01	<2	1
L42+00N 36+00E	<1	3	<3	5	<.3	1	<1	84	.27	5	<5	<2	<2	20	.2	<2	<2	3	.13	.019	<1	1	.11	7	<.01	<3	.11	.02	.01	<2	<1
L42+00N 36+50E	<1	3	3	4	<.3	1	<1	48	.36	4	<5	<2	<2	14	.2	<2	<2	2	.14	.025	<1	1	.07	4	<.01	<3	.07	.01	.01	<2	1
L42+00N 37+00E	<1	3	4	8	<.3	1	<1	146	.10	2	5	<2	<2	17	.2	<2	2	1	.10	.027	<1	1	.09	5	<.01	<3	.06	.02	.03	<2	<1
L42+00N 37+50E	1	5	4	9	<.3	2	1	36	.09	4	<5	<2	<2	23	1.4	<2	<2	3	.10	.025	1	2	.13	6	<.01	3	.12	.02	.03	<2	1
L42+00N 38+00E	1	3	3	7	<.3	2	1	55	.06	3	<5	<2	<2	29	.6	<2	<2	2	.24	.025	<1	2	.14	5	<.01	4	.08	.03	.03	<2	1
L42+00N 38+50E	<1	7	5	5	<.3	2	<1	40	.14	5	<5	<2	<2	17	.4	<2	<2	3	.15	.033	<1	3	.08	6	<.01	<3	.15	.02	.03	<2	<1
L42+00N 39+00E	1	16	9	9	.7	2	1	43	.36	8	<5	<2	2	21	<.2	<2	<2	27	.13	.028	2	7	.14	15	.02	<3	.67	.02	.02	<2	1
L42+00N 39+50E	<1	3	3	5	<.3	1	<1	19	.16	2	<5	<2	<2	11	.2	<2	<2	3	.07	.025	<1	2	.09	3	<.01	<3	.12	.02	.02	<2	<1
STANDARD C/AU-S	18	60	37	123	6.2	67	30	1069	3.91	39	17	7	36	49	16.1	19	22	59	.48	.090	38	55	.89	184	.08	26	1.84	.06	.14	12	48

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

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
L42+00N 40+00E	<1	3	4	7	<.3	1	<1	77	.09	3	<5	<2	<2	33	.4	<2	<2	1	.19	.027	<1	1	.17	10	<.01	4	.07	.02	.03	<2	2
L42+00N 40+50E	<1	3	4	6	<.3	1	<1	17	.17	2	<5	<2	<2	14	.3	<2	<2	1	.16	.029	<1	1	.08	5	<.01	<3	.07	.02	.03	<2	1
L42+00N 41+00E	<1	2	6	8	<.3	1	<1	62	.22	3	<5	<2	<2	20	.2	<2	<2	1	.12	.025	<1	1	.13	5	<.01	<3	.05	.02	.03	<2	<1
L42+00N 41+50E	<1	2	<3	5	<.3	1	<1	18	.26	2	<5	<2	<2	14	<.2	<2	<2	1	.14	.026	<1	1	.07	3	<.01	<3	.07	.01	.01	<2	<1
L42+00N 42+00E	<1	3	5	9	.3	1	<1	26	.16	2	<5	<2	<2	28	<.2	<2	<2	2	.20	.032	<1	1	.17	4	<.01	<3	.10	.02	.03	<2	<1
RE L42+00N 44+00E	2	38	18	50	1.2	8	4	259	4.57	14	<5	<2	<2	11	<.2	<2	<2	96	.14	.021	4	26	.57	25	.15	<3	4.65	.01	.02	<2	10
L42+00N 42+50E	<1	6	5	11	.3	3	<1	57	.84	5	<5	<2	<2	17	.2	<2	<2	13	.14	.028	1	6	.13	8	.02	<3	.35	.02	.02	<2	1
L42+00N 43+00E	2	14	18	16	1.2	3	2	107	4.32	8	<5	<2	3	9	<.2	<2	<2	102	.09	.012	6	15	.20	15	.08	<3	2.45	.01	.01	<2	4
L42+00N 43+50E	3	58	12	68	.6	12	6	402	5.74	20	<5	<2	<2	17	<.2	<2	<2	95	.19	.031	5	28	.86	39	.18	<3	3.90	.01	.03	<2	8
L42+00N 44+00E	2	41	22	54	1.5	9	4	279	4.89	15	<5	<2	2	12	.2	<2	<2	104	.15	.021	5	30	.60	28	.17	<3	5.09	.01	.03	<2	11
L42+00N 44+50E	1	15	23	22	1.3	4	1	150	1.60	7	<5	<2	2	10	.2	<2	<2	85	.11	.011	7	16	.28	18	.13	<3	2.18	.01	.03	<2	6
L42+00N 45+00E	3	58	13	48	1.3	8	4	244	4.27	20	<5	<2	2	13	.2	<2	<2	102	.17	.020	4	30	.52	24	.18	<3	5.07	.01	.02	<2	8
L42+00N 45+50E	3	27	20	43	1.4	8	3	277	2.74	10	<5	<2	2	12	.3	<2	<2	94	.14	.016	6	24	.60	25	.15	<3	3.05	.01	.02	<2	7
L42+00N 46+00E	3	35	25	56	1.6	8	3	308	3.88	12	<5	<2	<2	12	<.2	<2	<2	133	.15	.013	6	25	.75	29	.18	<3	4.35	.01	.02	<2	7
L42+00N 46+50E	1	33	18	48	.8	10	4	306	1.72	3	<5	<2	<2	14	<.2	<2	<2	81	.16	.013	7	36	.74	25	.15	<3	4.00	.01	.02	<2	11
L42+00N 47+00E	<1	5	4	11	.3	3	1	49	.32	<2	<5	<2	<2	12	.3	2	<2	11	.04	.023	1	5	.19	6	.02	<3	.44	.02	.01	<2	1
L42+00N 47+50E	<1	4	3	4	<.3	1	<1	15	.13	<2	<5	<2	<2	18	<.2	<2	<2	4	.08	.023	1	2	.12	7	.01	<3	.22	.02	.02	<2	2
L40+00N 50+00E	<1	3	3	14	.3	1	<1	9	.28	<2	<5	<2	<2	10	.2	<2	2	1	.04	.026	1	1	.11	7	<.01	<3	.07	.02	.02	<2	3
L40+00N 50+50E	<1	2	4	32	.3	1	<1	9	.13	2	<5	<2	2	14	<.2	<2	<2	2	.06	.018	<1	1	.13	4	<.01	<3	.14	.02	.01	<2	2
L40+00N 51+00E	<1	2	<3	30	.3	1	<1	8	.21	<2	<5	<2	2	12	.3	<2	2	2	.08	.021	1	1	.08	5	<.01	<3	.11	.02	.01	<2	2
L40+00N 51+50E	<1	2	<3	15	.3	1	<1	19	.09	2	<5	<2	<2	25	<.2	<2	<2	1	.10	.019	1	<1	.14	4	<.01	3	.09	.02	.02	<2	1
L40+00N 52+00E	<1	4	5	21	.4	2	<1	33	.29	2	<5	<2	2	12	<.2	<2	<2	6	.07	.026	1	3	.10	7	.01	<3	.26	.02	.01	<2	2
L40+00N 52+50E	1	9	9	11	1.3	2	<1	33	.48	2	<5	<2	4	6	<.2	<2	<2	22	.05	.033	4	8	.06	10	.03	<3	1.39	.01	.02	<2	2
L40+00N 53+00E	2	31	27	131	1.2	8	5	434	3.68	16	<5	<2	<2	11	<.2	<2	<2	88	.13	.010	4	20	.76	31	.13	<3	3.52	.01	.02	<2	25
L40+00N 53+50E	2	38	24	67	1.1	7	4	316	5.55	20	<5	<2	3	11	<.2	<2	<2	128	.13	.011	3	30	.51	28	.18	<3	3.87	.01	.02	<2	8
L40+00N 54+00E	1	15	23	25	1.0	4	1	143	1.03	4	<5	<2	2	8	<.2	2	<2	56	.08	.011	5	21	.23	17	.14	<3	2.00	.01	.01	<2	7
L40+00N 54+50E	3	44	14	48	1.2	6	3	218	5.14	17	<5	<2	2	12	<.2	<2	<2	115	.16	.017	4	39	.37	22	.19	<3	4.96	.01	.02	<2	45
L40+00N 55+00E	2	37	17	61	1.0	7	4	308	6.32	26	<5	<2	<2	11	<.2	<2	<2	128	.16	.013	5	30	.45	28	.19	<3	3.70	.01	.01	<2	7
L40+00N 55+50E	<1	4	4	19	.5	1	<1	21	.34	<2	<5	<2	<2	15	.2	<2	<2	6	.03	.031	1	3	.13	13	.01	<3	.27	.02	.02	<2	2
L40+00N 56+00E	3	29	15	49	1.2	6	3	223	4.08	16	<5	<2	2	12	<.2	<2	<2	108	.15	.017	6	25	.39	26	.16	<3	3.89	.01	.02	<2	7
L40+00N 56+50E	2	17	18	36	1.3	6	2	216	1.82	13	<5	<2	4	11	<.2	<2	<2	84	.15	.016	6	25	.37	22	.16	<3	2.22	.01	.04	<2	10
L40+00N 57+00E	3	39	15	52	1.1	7	4	290	4.99	27	<5	<2	3	13	<.2	<2	<2	125	.17	.015	4	31	.40	25	.20	<3	3.31	.01	.02	<2	14
L40+00N 57+50E	2	30	15	60	1.2	8	6	366	4.28	26	<5	<2	4	12	<.2	<2	<2	104	.17	.012	6	25	.58	33	.19	<3	2.98	.01	.04	<2	27
L40+00N 58+00E	1	19	16	69	.9	9	9	439	3.44	27	<5	<2	2	10	<.2	<2	<2	79	.15	.010	8	19	.77	44	.17	<3	2.74	.01	.06	<2	15
L40+00N 58+50E	2	16	19	46	1.6	7	3	228	3.51	10	<5	<2	2	13	<.2	<2	2	86	.15	.010	7	23	.48	36	.13	<3	3.04	.01	.02	<2	10
STANDARD C/AU-S	19	61	39	129	7.2	68	31	1113	4.13	35	17	7	36	51	18.1	18	20	59	.51	.096	40	59	.93	191	.09	27	1.94	.06	.15	11	48

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

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
L40+00N 59+00E	1	33	6	32	.4	3	1	55	1.02	5	<5	<2	3	24	.3	2	<2	7	.21	.058	2	4	.11	25	.01	<3	.32	.03	.04	<2	5
L40+00N 59+50E	1	21	<3	34	<.3	1	<1	25	.15	<2	<5	<2	<2	16	.4	2	<2	2	.10	.044	1	1	.11	6	<.01	<3	.12	.02	.02	<2	3
RE L40+00N 59+50E	<1	14	<3	34	<.3	2	<1	25	.15	2	<5	<2	2	17	.2	2	<2	2	.11	.046	1	2	.11	6	<.01	<3	.12	.02	.01	<2	3
STANDARD C/AU-S	21	57	35	130	6.8	70	32	1069	4.04	39	20	8	38	54	18.5	20	20	57	.50	.093	41	60	.92	181	.08	24	1.83	.06	.15	11	50

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

APPENDIX II

COST STATEMENT

KNOB HILL PROPERTY -- 1995 and 1996 SURVEYS

The following expenditures were incurred for exploration on the Knob Hill Project between November 16 1996 and October 15 1996. The main exploration work programme was carried out in two phases, initial camp and sampling Nov 16-Dec 10 1995 and second phase work June 15-October 16 1996.

STATEMENT OF COSTS

The following expenses were incurred on the Knob Hill project for establishment of exploration camps (fly-in), grid construction (16 line KM), mag survey 16 km, soil sampling (1657 soils) and geological and geophysical interpretations, during late 1995 and 1996.

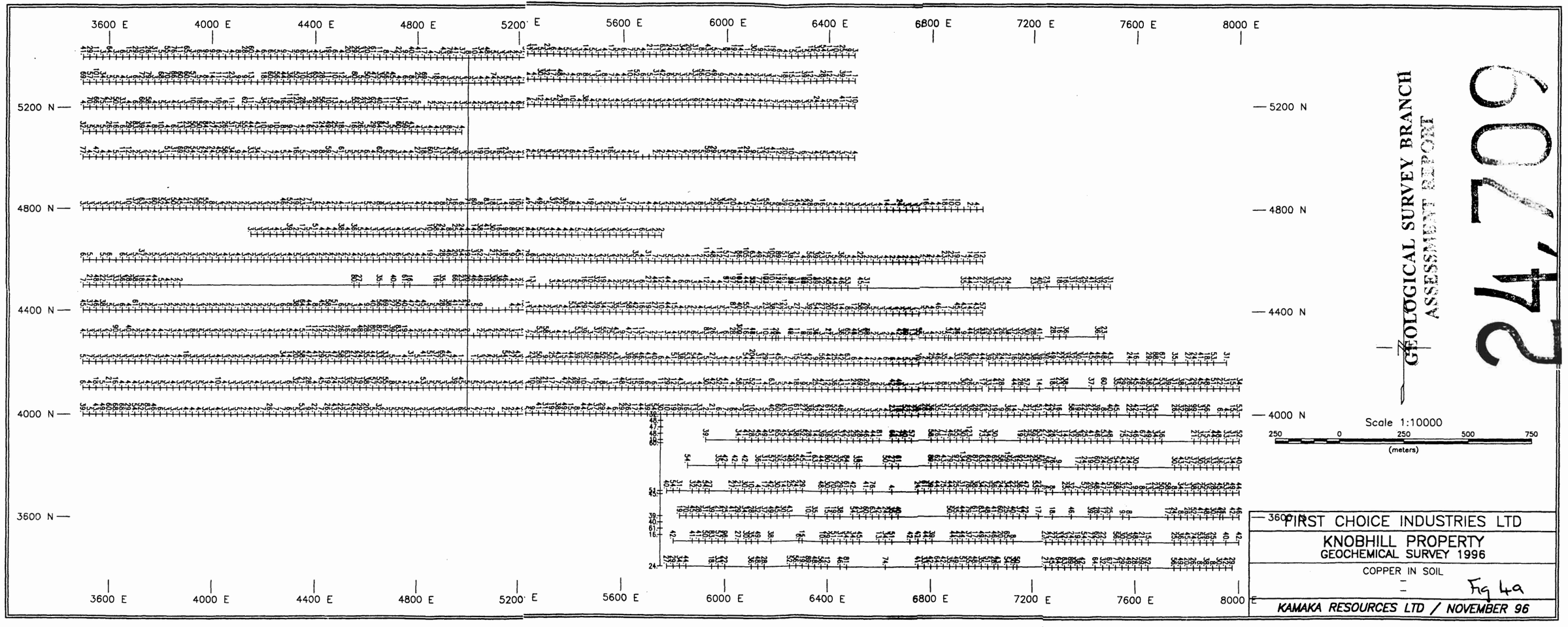
Personnel- Linecutting, geophysical and sampling crid, camp const. Prelim mapping, interpretation, clean-up of old Chevron Camp (1976), predominantly during period 16 Nov 1995-15 Dec 1996, with follow-up survey/grid work and soil sampling June-July August 1996, and prep for drill programme October 1996.

P. Dasler, M.Sc. - Senior Geologist - 42 days @ $380/day	$ 17,423.00	
D. G. Leighton. - Senior Geologist - 7 days @ $380/day	2,660.00	
P. MacDonald - Field Assist/Linecutter - 32 days @ $275/day	8,800.00	
J. Telegus - Field Assist/Linecutter - 25days @ $275/day	6,875.00	
S. Salmon Field AssistPrep. - 16 days @ $275/day	4,400.00	
J. Boutwell Field Assistant - 14 days @ $275/day	3,850.00	
S. Oakley- Field Assistant- 41 days @ $275/day	11,275.00	
E Grenier- field Assistant- 10 days@ $275/day	2,750.00	
A Wardwell- field Assistant- 11 days @$275/day	3,025.00	
D. Oneill- Snr Field Assist/ Linecutter - 89.5 days @ $275/day	24,642.50	$ 85,670.50

Field Costs

Food and Accommodation - 280 man days @ $25.35/day	$ 7,098.40	
Field Supplies (2 camp const, grid pickets etc)	10,072.63	
Equipment Rental - radio, field camp, field gear saws etc	1,979.87	
Vehicles - 2, 4x4 - 95 days @ $85/day plus fuel	8,804.35	
Helicopter (approx 22Hrs @ $850)	19,279.37	
Office/Secretarial - report, drafting, telephone,	1,992.86	
Expediting	2,256.85	
Assays 1657 soils @$16.46 incl freight, reassays	27,274.58	
Disbursement Fees	10,742.09	
GST	11,842.04	$ 101,649.04

TOTAL **$187,319.54**



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,709

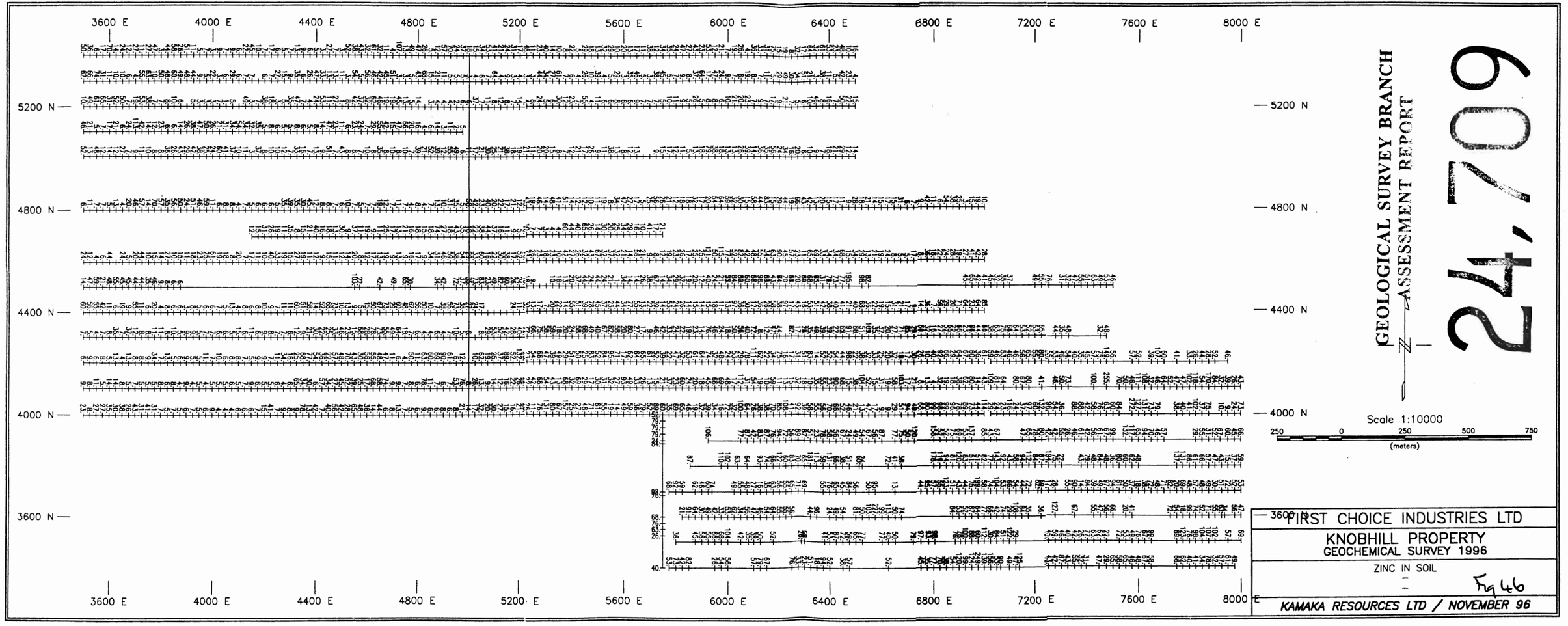
FIRST CHOICE INDUSTRIES LTD

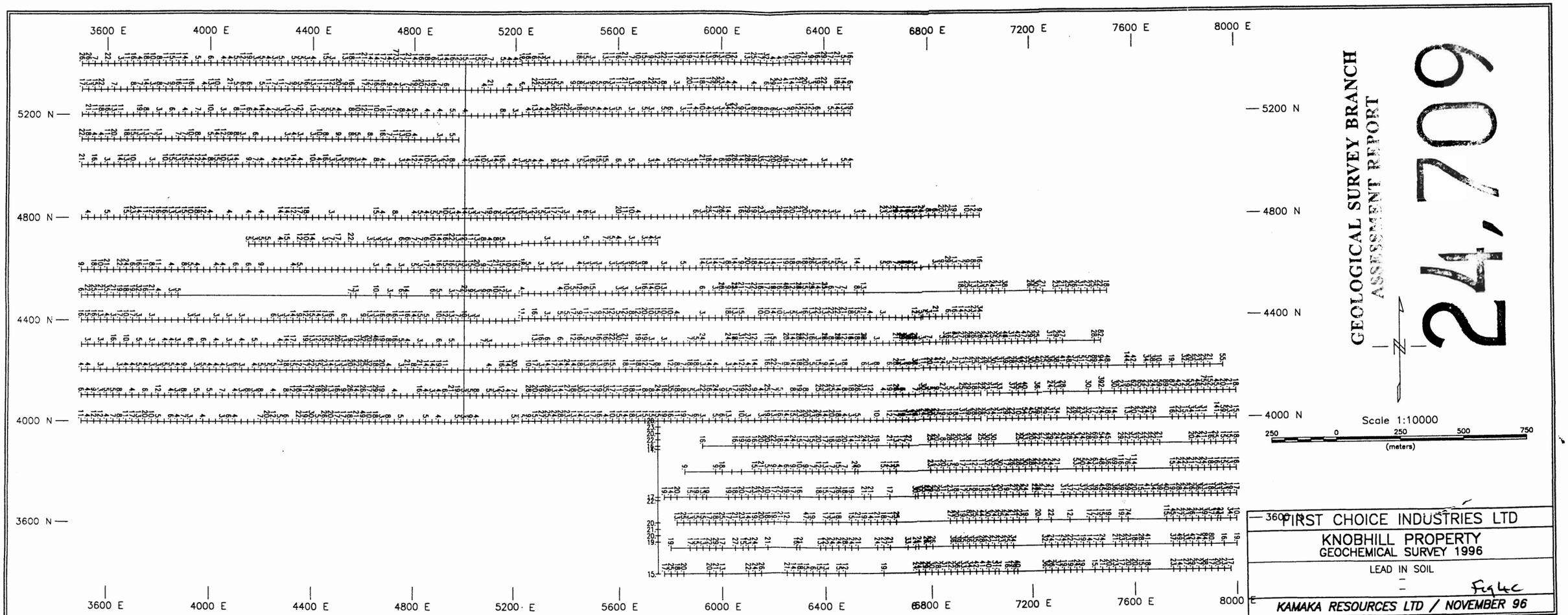
KNOBHILL PROPERTY
GEOCHEMICAL SURVEY 1996

COPPER IN SOIL

Fig 4a

KAMAKA RESOURCES LTD / NOVEMBER 96


3600 E
4000 E
4400 E
4800 E
5200 E
5600 E
6000 E
6400 E
6800 E
7200 E
7600 E
8000 E
5200 N
4800 N
4400 N
4000 N
3600 N
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
24,709
Scale .1:10000
250 0 250 500 750
(meters)
FIRST CHOICE INDUSTRIES LTD
KNOBHILL PROPERTY
GEOCHEMICAL SURVEY 1996
ZINC IN SOIL
Fig 46
KAMAKA RESOURCES LTD / NOVEMBER 96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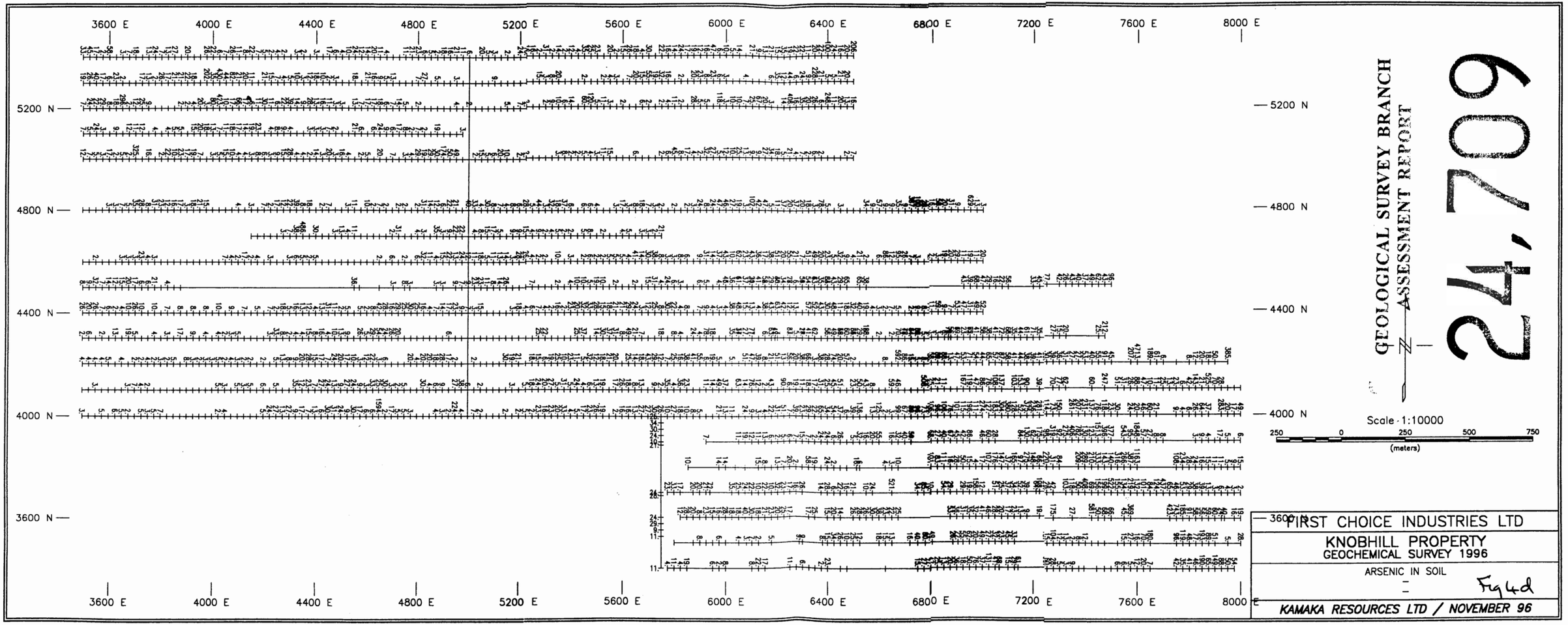
4000 E
4400 E
4800 E
5200 E
5600 E
6000 E
6400 E
6800 E
7200 E
7600 E
8000 E
5200 N
4800 N
4400 N
4000 N
3600 N
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
24,709
N
Scale 1:10000
250 0 250 500 750
(meters)
FIRST CHOICE INDUSTRIES LTD
KNOBHILL PROPERTY
GEOCHEMICAL SURVEY 1996
LEAD IN SOIL
Fig 4c
KAMAKA RESOURCES LTD / NOVEMBER 96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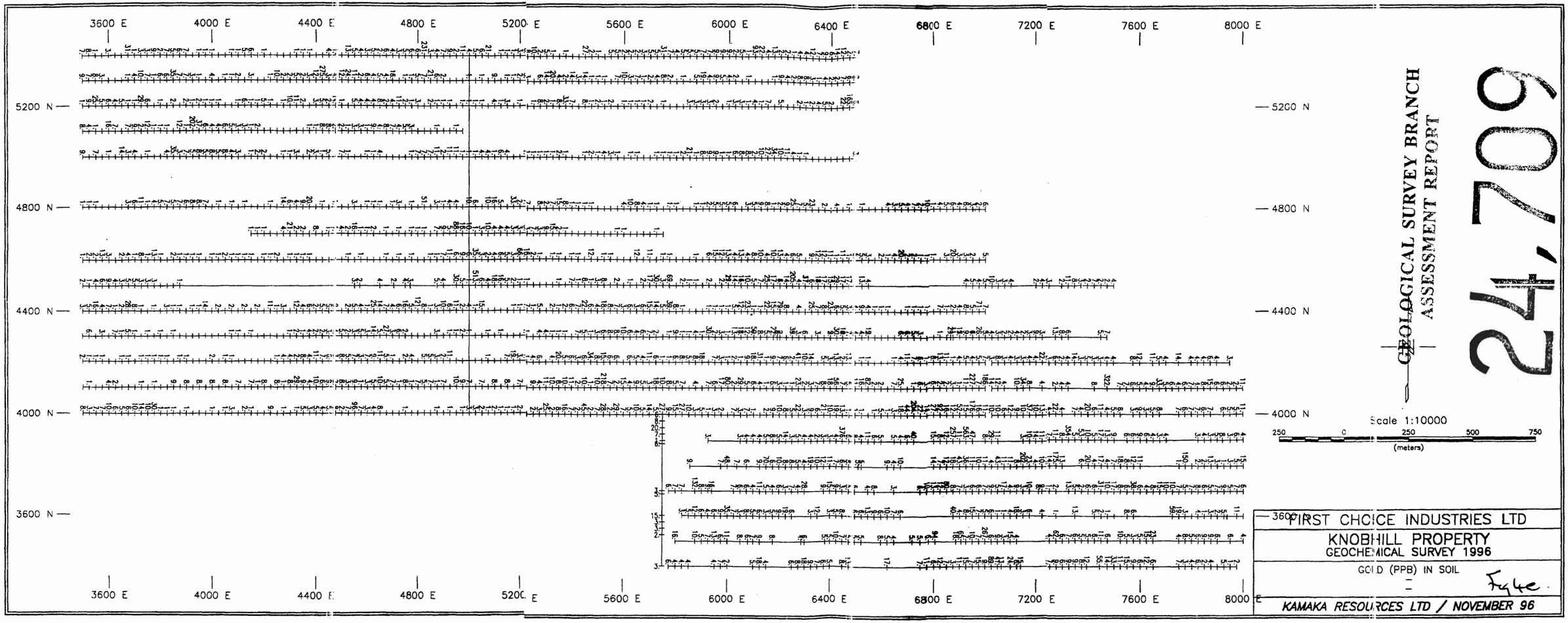
4000 E
4400 E
4800 E
5200 E
5600 E
6000 E
6400 E
6800 E
7200 E
7600 E
8000 E
5200 N
4800 N
4400 N
4000 N
3600 N
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
24,709
Scale - 1:10000
250 0 250 500 750
(meters)
FIRST CHOICE INDUSTRIES LTD
KNOBHILL PROPERTY
GEOCHEMICAL SURVEY 1996
ARSENIC IN SOIL
Fig 4d
KAMAKA RESOURCES LTD / NOVEMBER 96



KNOB HILL

L.50N
L.49N
L.48N
L.47N
L.46N
L.45N
L.44N
L.43N
L.42N
L.41N
L.40N
L.39N
L.38N
L.37N
L.36N
L.35N
L.34N

520m
496m
464m
475m
495m
250
400
244

Sample: Qtz/lat. & Tuff
Sample: Siliceous green w/diss py & ?
Sample: Qtz flt w/sulph
Sample: Qtz flt w/sulph
Camp
Old Cabin
Drillsite
Tuff Dyke
CLAIM LINE

METERS
0 50 100 150 200 250m

COMPANY: FIRST CHOICE INDUSTRIES LTD.

DRAWING TITLE:
KNOB HILL PROJECT
ZINC (ppm)
GEOCHEMISTRY

LOCATION: Vancouver Island, British Columbia

DATE: April 1997 | SCALE: 1:5000
DRAWN: 97090.dwg | GEOLOGIST:
DATA: | FIGURE: 5a

KNOB HILL

L.50N
L.49N
L.48N
L.47N
L.46N
L.45N
L.44N
L.43N
L.42N
L.41N
L.40N
L.39N
L.38N
L.37N
L.36N
L.35N
L.34N

520m
475m
496m
464m
495m
250
400
244

Sample:
Qtz/lat.
& Tuff

Sample:
Siliceous green
w/diss py & ?

Sample:
Qtz fit
w/sulph

Sample:
Qtz fit
w/sulphy

Camp

Old
Cabin

Drillsite

Tuff
Dyke

CLAIM LINE

N

METERS
0 50 100 150 200 250m

COMPANY:	FIRST CHOICE INDUSTRIES LTD.
DRAWING TITLE:	KNOB HILL PROJECT COPPER (ppm) GEOCHEMISTRY
LOCATION:	Vancouver Island, British Columbia
DATE: April 1997	SCALE: 1:5000
DRAWN: 97090.dwg	GEOLOGIST:
DATA:	FIGURE: 5

KNOB HILL

L.50N
L.49N
L.48N
L.47N
L.46N
L.45N
L.44N
L.43N
L.42N
L.41N
L.40N
L.39N
L.38N
L.37N
L.36N
L.35N
L.34N

520m
500
496m
475m
464m
495m
400
250
244

Camp
53+50E

Old Cabin

Drillsite

Sample: Qtz/lat. & Tuff

Sample: Siliceous green w/diss py & ?

Sample: Qtz flt w/sulph

Sample: Qtz flt w/sulph

Tuff Dyke

CLAIM LINE

METERS
0 50 100 150 200 250m

COMPANY: FIRST CHOICE INDUSTRIES LTD.

DRAWING TITLE:
KNOB HILL PROJECT
LEAD (ppm) GEOCHEMISTRY

LOCATION: Vancouver Island, British Columbia

DATE: April 1997
DRAWN: 97090.dwg
DATA:
SCALE: 1:5000
GEOLOGIST:
FIGURE: 5c


KNOB HILL
L.50N
L.49N
L.48N
L.47N
L.46N
L.45N
L.44N
L.43N
L.42N
L.41N
L.40N
L.39N
L.38N
L.37N
L.36N
L.35N
L.34N
Sample: Qtz/lat. & Tuff
Sample: Siliceous green w/diss py & ?
Sample: Qtz flt w/sulph
Camp
Old Cabin
Drillsite
475m
464m
495m
496m
CLAIM LINE
Sample Qtz flt w/sulph
Tuff Dyke
100
200
250
400
METERS
0 50 100 150 200 250m
COMPANY: FIRST CHOICE INDUSTRIES LTD.
DRAWING TITLE:
KNOB HILL PROJECT
ARSENIC (ppm) GEOCHEMISTRY
LOCATION: Vancouver Island, British Columbia
DATE: April 1997
SCALE: 1:5000
DRAWN: 97090.dwg
GEOLOGIST:
DATA:
FIGURE: 5d

KNOB HILL

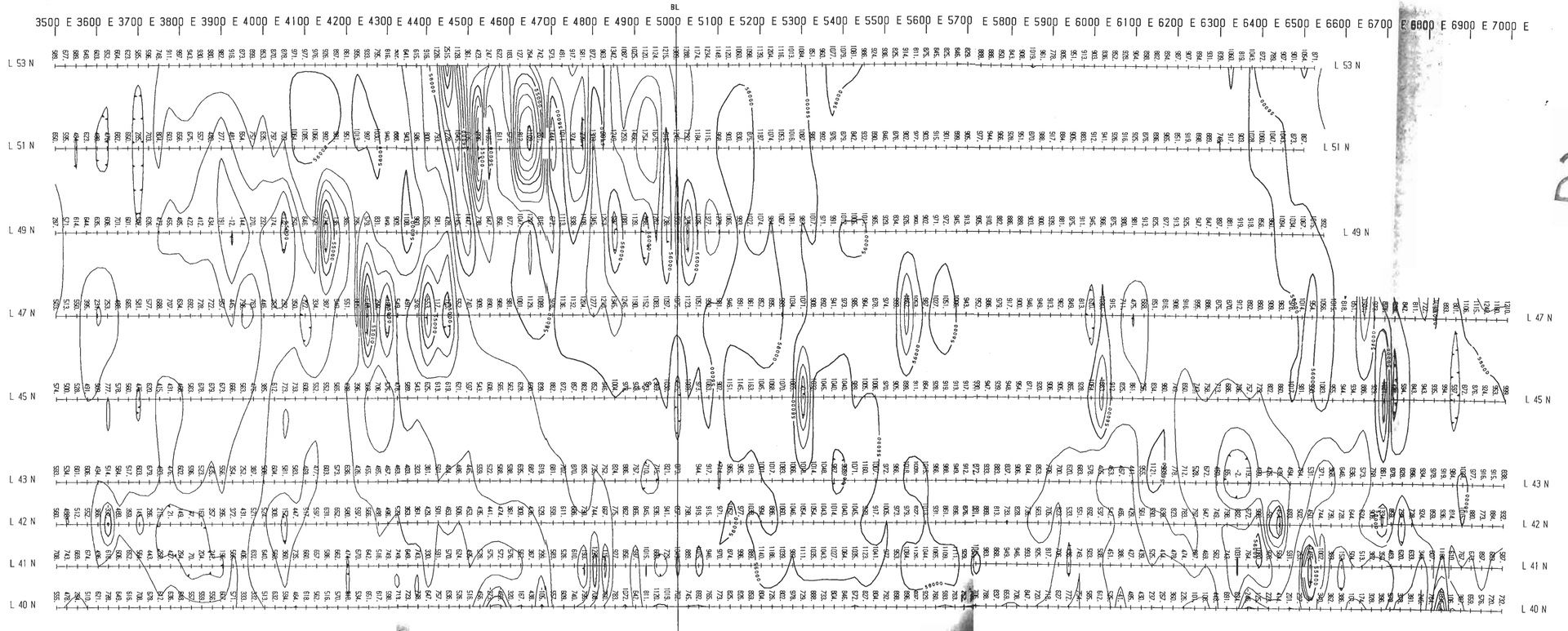
L.50N
L.49N
L.48N
L.47N
L.46N
L.45N
L.44N
L.43N
L.42N
L.41N
L.40N
L.39N
L.38N
L.37N
L.36N
L.35N
L.34N

520m
500
475m
496m
464m
495m
250
244

Sample: Qtz/lat. & Tuff
Sample: Siliceous green w/diss py & ?
Sample: Qtz flt w/sulph
Sample Qtz flt w/sulpt
Old Cabin
Drillsite
Tuff Dyke
CLAIM LINE

METERS
0 50 100 150 200 250m

COMPANY:	FIRST CHOICE INDUSTRIES LTD.
DRAWING TITLE:	KNOB HILL PROJECT GOLD (ppb) GEOCHEMISTRY
LOCATION:	Vancouver Island, British Columbia
DATE: April 1997	SCALE: 1:5000
DRAWN: 97090.dwg	GEOLOGIST:
DATA:	FIGURE: 5e



Declination: 23

Instrumentation: Scintrex Proton Precession Magnetometer, Model MP-2

Contour Interval: 250 nT (gammas)

Note: 55,000 nT (gammas) has been deducted from each value.

Surveyed By: David O'Neill

Survey Date: Dec. 1995

Data reduction: Geotronics Surveys Ltd.

Scale 1:5000

50 0 50 100 150 200 250
(metres)

KAMAKA RESOURCES LTD

FIRST CHOICE INDUSTRIES LTD

KNOB HILL PROPERTY

NORTHERN VANCOUVER ISLAND
NANAIMO M.D., B.C.

MAGNETIC SURVEY CONTOUR PLAN

Fig. 6

Drawn by:	Job No.	LTS	Scale	Date	Dwg No.
RTM	95-27	1021/16	1:5000	Jan. 96	GP-1