BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
Geochemical, Prospecting and Trenching Report	$68,021.60

AUTHOR(S) Paul S Cowley
Alan R Raven

SIGNATURE(S)

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S)

YEAR OF WORK 2004

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 3216887/Sept. 14, 2004

PROPERTY NAME Tommy Jack

CLAIM NAME(S) (on which work was done) TJ 10 (338272) TJ 8 (370169)

COMMODITIES SOUGHT Gold, Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 094D031

MINING DIVISION Omineca NTS 094D/04

LATITUDE 56 ° 07 ' " LONGITUDE 127 ° 37 ' " (at centre of work)

OWNER(S)

1) Alan R Raven 2)

MAILING ADDRESS
Box 204
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OPERATOR(S) [who paid for the work]

1) Gold City Industries Ltd 2)

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550 - 580 Hornby St
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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Jurassic, Bowser Lake Group, Bulkley Intrusives, Dacites, Siltstones, Sandstones, Stockworks, Chalcopyrite, Pyrite, Galena, Sphalerite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 13778, 14631, 15515, 24589 26197, 26978

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	1502 (1170 collected 2004) (332 Historic)	TJ 8 and TJ 10	21,417.73
Silt			
Rock	17	TJ 8 and TJ 10	included
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)	25.18 km (establish and collect samples)	TJ 8 and TJ 10	43,103.87
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)	3 hand trenches total length 16 metres	TJ 8 and TJ 10	3,500.00
Underground dev. (metres)			
Other			
		TOTAL COST	$68,021.60

GEOCHEMICAL, PROSPECTING AND TRENCHING REPORT

ON THE

TOMMY JACK PROPERTY

Consisting of the
TJ - 1 to 4, TJ 8, 9 and 10, TJ – 11 to 16
Mineral Claims
(48 Units)

OMINECA MINING DIVISION

Lat. 56° 07' N Long. 127° 37 ' W
N.T.S. 094D04E

Prepared for:

Gold City Industries Ltd.
550-580 Hornby Street
Vancouver, BC
V6C 3B6

By:

Paul Cowley, P.Geo. and Alan Raven

December 13, 2004 **Vancouver, B.C.**

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SUMMARY

The Tommy Jack property, under option to Gold City Industries Ltd., is composed of 48 claim units. The property is situated 95 kilometres north of Hazelton, B.C., in the Atna Range of the Skeena Mountains, near the confluence of Tommy Jack Creek with the Sicintine River.

The Tommy Jack property in conjunction with the adjoining Warren ground covers a 2 x 3.5 km zone of pervasive carbonate alteration. Within this zone are widespread gold-silver-lead-zinc-bearing quartz-carbonate veins in shears and stockworks in Bowser Group sedimentary rocks and in granodiorite (dacite) dykes and sills. The nature of the mineralization is compared to the Silver Standard Mine, 85 kilometres to the south (past production of 203,839 tonnes totaling 463,000 grams of gold and 236,000,000 grams of silver). However, gold mineralization found to date in float on the Tommy Jack appears to be of significantly higher gold tenor than at the Silver Standard Mine.

Work completed by Intertech Minerals in 1989, while in a joint venture with Noranda Exploration Ltd., included 14.1 kilometres of grid, geochemical sampling, geophysical surveys and geological mapping. This work generated a number of gold and multi-element soil anomalies to the southwest and southeast of the area worked by Noranda. Several strong VLF anomalies were also found to correlate with the general southwest trend of the geochemical anomalies. The targets generated by the Intertech work are now completely covered by the current Tommy Jack property. The highest grade gold values found to date (2.2 oz/t gold) are from float found in the vicinity southeast of the Noranda study area. The work done by Raven (1995) further extended the geochemical anomalies, particularly east of Unnamed Creek.

A short field program of detailed prospecting and hand trenching carried out by Gold City Industries in 2002 established that additional exposures of bedrock can be located even though the area has extensive glacial cover. The program was successful in locating numerous exposures of bedrock, both barren and mineralized, as well as confirming the bedding of the sedimentary rocks dips to the east in the northern portion of the property which calls into question the drill results of a number of the Noranda holes drilled in 1986/87.

In July and August of 2004, Gold City Industries Ltd. conducted a 24 day field program of geochemical soil sampling, hand trenching and prospecting.

The soil survey generated numerous gold/multi-element anomalies in the Western grid and a large Pb/Zn/As anomaly and triangular shaped Au/As anomaly in the Eastern grid. The 2004 soil program added new gold/multi-element (gold, silver, arsenic, lead and zinc) anomalies and extended others from the existing soil sampling database.

The relatively high values of mercury, arsenic and silver with sporadic gold values hosted by altered felsic intrusive and sedimentary rocks with varying degrees of silicification and quartz veining indicates the upper portion of an epithermal system.

Although bedrock sources of the high precious metal float material were not found, the results of the work conducted during the 2004 season are encouraging. Trenching, prospecting and sampling should continue on the Tommy Jack property. Geophysical and soil surveys should be expanded. Promising anomalies should receive more detailed soil sampling density.

OBJECTIVES

The objective of the 2004 program was to expand the area covered by soil geochemistry to better locate bedrock sources of the high-grade precious metal float mineralization on the property. Specific strategies and tasks were:

1. To expand the areas covered by soil geochemical surveys in order to determine the extent of the mineralized portion of the property.
2. To further investigate the origins of the previous soil anomalies and the transported high grade floats in light of the interpretation that the direction of the last ice movement was southerly (uphill).
3. To hand trench of some of the soil anomalies developed by Noranda/Intertech/Raven/Gold City during earlier work programs in order to determine their source.
4. To prospect, map and sample any newly discovered exposures of bedrock.

INTRODUCTION

The Tommy Jack property covers widespread gold-multi-element soil anomalies and geophysical anomalies (VLF and self-potential) occurring in Bowser Group sedimentary rock that are intruded by dacite dykes and sills. This ground is part of the former large claim group (139 units) held under option by Noranda in a joint venture with Gold Cap, and then Intertech Minerals (1986 to 1989). The "Warren" ground that adjoins the Tommy Jack property on the north and west was where most of the Noranda drilling took place but a much larger area (139 units) was the subject of preliminary exploration programs. These programs consisted of geochemical, geophysical and geological surveys that delineated a much larger area than that covered by the "Warren" ground. The anomalies (soil and geophysical), have not been fully defined and need much more work to determine their merits.

The purpose of this report is to summarize the results of the fieldwork conducted in 2004 by Gold City Industries Ltd. The 2004 field work consisted of an extensive soil sampling survey, hand trenching and detail prospecting. The report summarizes the previous work carried out by Noranda, Intertech and Raven.

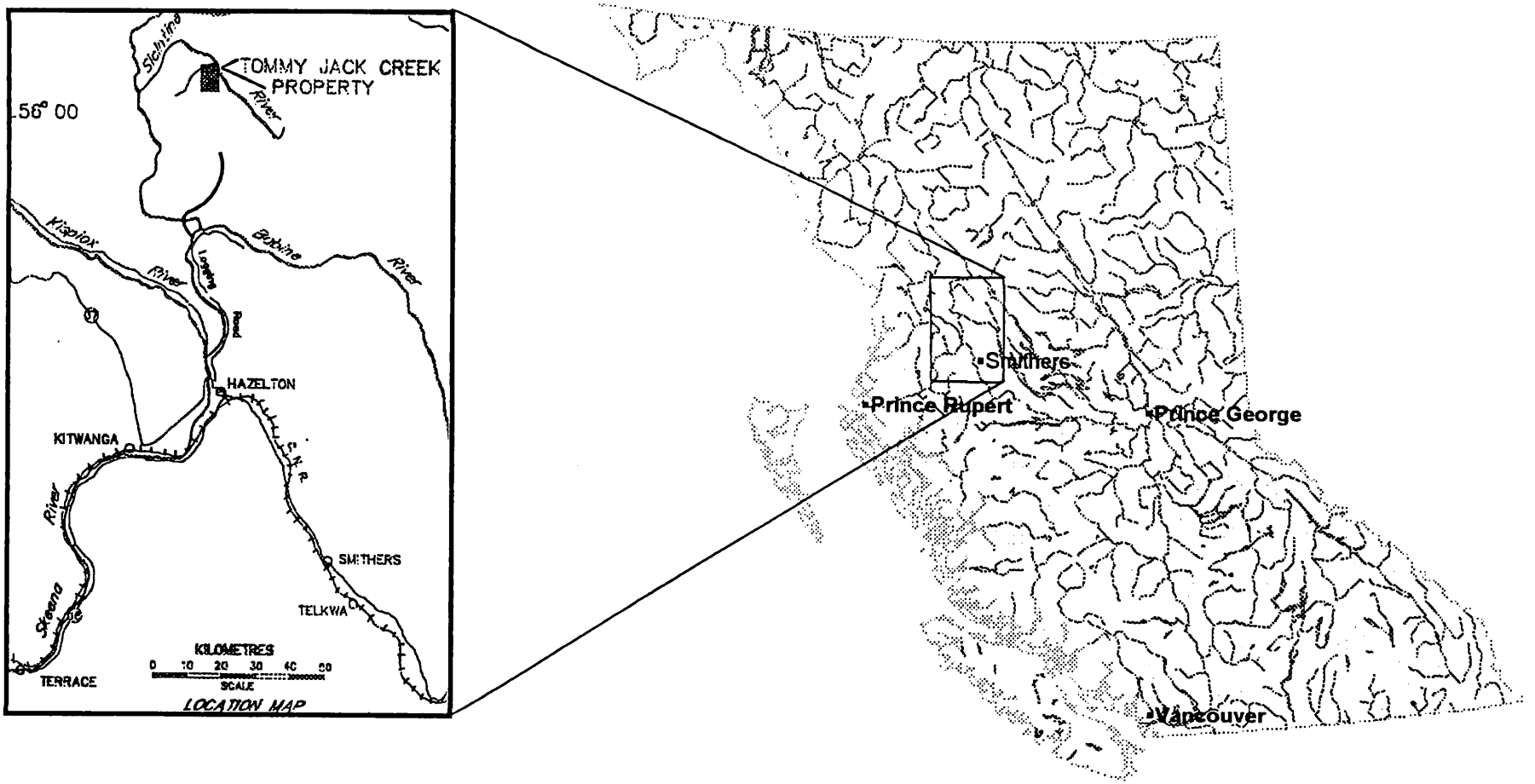
LOCATION, ACCESS, PHYSIOGRAPHY

The Tommy Jack property is situated 95 kilometres north of Hazelton in the Omineca Mining Division (Figure No. 1). The property lies immediately to the south of the confluence of Tommy Jack Creek with the Sicintine River, which in turn flows into the Skeena River. The property is centered at Lat. 56^{o} 07' N Long. 127^{o} 37' W on map sheet N.T.S. 094D04E.

Access is by helicopter (approximately 1 hour) from Smithers. There are presently new logging roads being built into the immediate area. Currently, the closest road is about 10 kilometres to the south of the property.

The property is in the Atna Range of the Skeena Mountains. The slopes are gentle to moderately steep with elevations ranging from 1140 to 1760 metres. A heavy virgin forest growth of balsam, fir, spruce and hemlock covers most of the claim area up to 1500 metres elevation, above which heather, scrub fir and grass-covered areas.

LOCATION MAP Figure #1



CLAIM DATA

The Tommy Jack property comprises 48 claim units (Figure 2). All claims are owned 100% by Alan Raven and under option to Gold City Industries Ltd. Claim information is presented in Table 1 below.

Table 1: Claim Information

CLAIM NAME	TENURE NUMBER	STATUS Good standing	TAG NUMBER	UNITS
TJ - 1	370954	2011-Oct-01	618368M	1
TJ - 2	370955	2011-Oct-01	618369M	1
TJ - 3	370956	2011-Oct-01	618370M	1
TJ - 4	370957	2011-Oct-01	618371M	1
TJ 8	370169	2011-Oct-01	61358	20
TJ 9	338271	2011-Oct-01	625415M	1
TJ 10	338272	2011-Oct-01	126267	18
TJ-11	389993	2011-Sept-16	698873M	1
TJ-12	389995	2011-Sept-16	698874M	1
TJ-13	389995	2011-Sept-16	698875M	1
TJ–14	389996	2011-Sept-16	698876M	1
TJ-15	389997	2011-Sept-16	698877M	1
TJ-16	389998	2011-Sept-16	698878M	1

Note: Date assumes acceptance of work expenditures in this report.

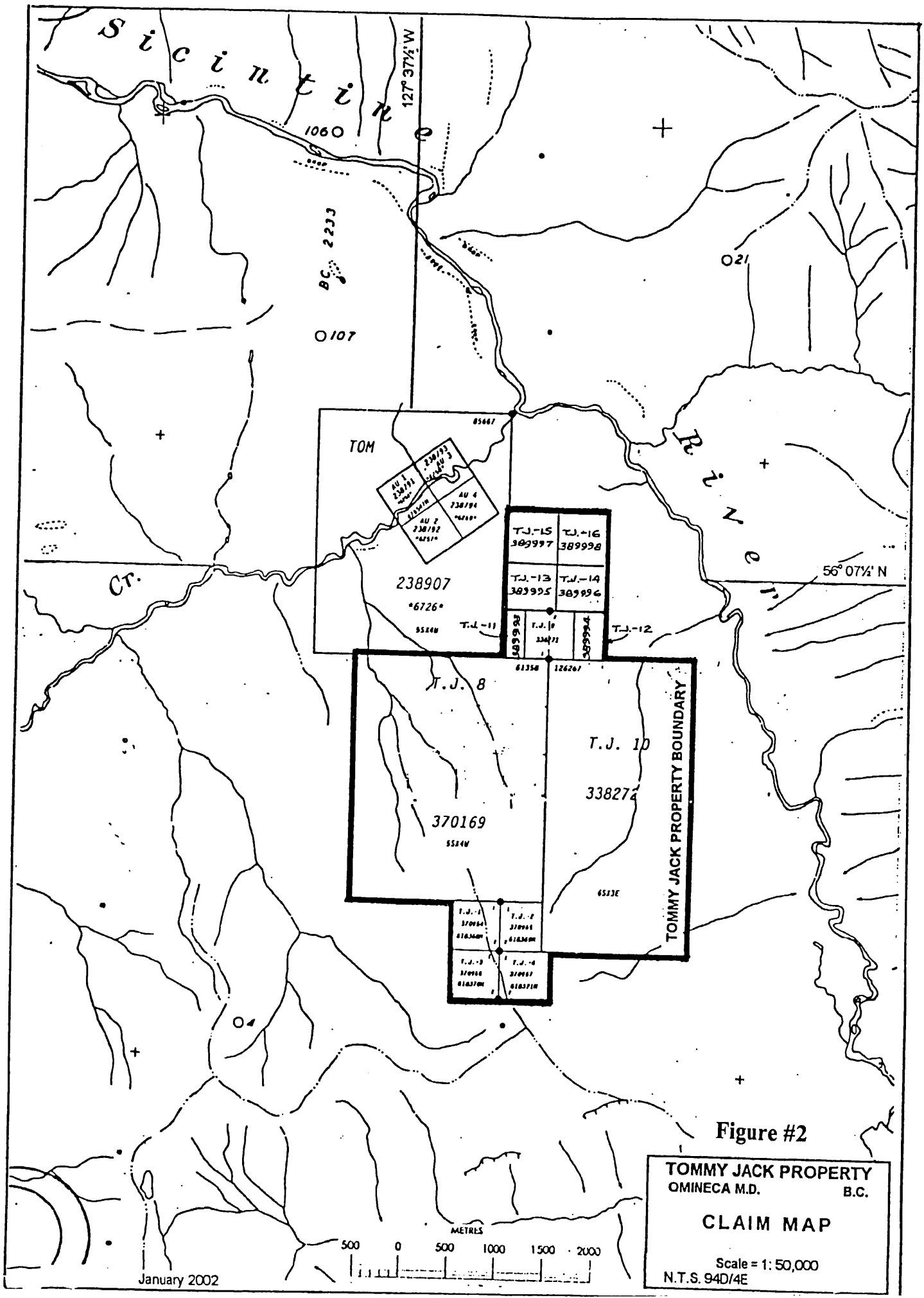


Figure #2

TOMMY JACK PROPERTY
OMINECA M.D. **B.C.**

CLAIM MAP

Scale = 1: 50,000
N.T.S. 94D/4E

HISTORY OF THE PROPERTY

- 1964-65: Canex Aerial Exploration
- 1984: Lorne Warren staked property.
- 1984-85: Property optioned by Noranda; conducted geological and geochemical surveys.
- 1986-87: Option continued and additional ground staked Noranda/Gold Cap JV; program of geological, geochemical, geophysical surveys with drilling carried out on the "Warren" ground.
- 1988-89: Option continued with Noranda/Gold Cap/Intertech JV; conducted geological, geochemical and geophysical surveys on the "Raven" ground, new targets generated.
- 1989-1995: Property idle but in good standing. Option with Warren dropped.
- 1995: Raven acquired 19 units as some of the ground covered by the new targets as ground lapses; conducted a geological, geochemical and prospecting program.
- 1996: Raven acquired 6 units as additional ground lapses (Warren also acquires adjoining claims).
- 1999: Raven acquired 24 units (which include 6 units staked in 1995) to cover target areas; conducted a geological, geochemical, geophysical surveys and prospecting program.
- 2001: Raven acquired 6 units on the north boundary; conducted a geological mapping, sampling, prospecting and hand-trenching program.
- 2002: Gold City Industries carried out a geological, geochemical and prospecting program
- Approximate total expenditures on exploration in the immediate area to date is $775,000.00

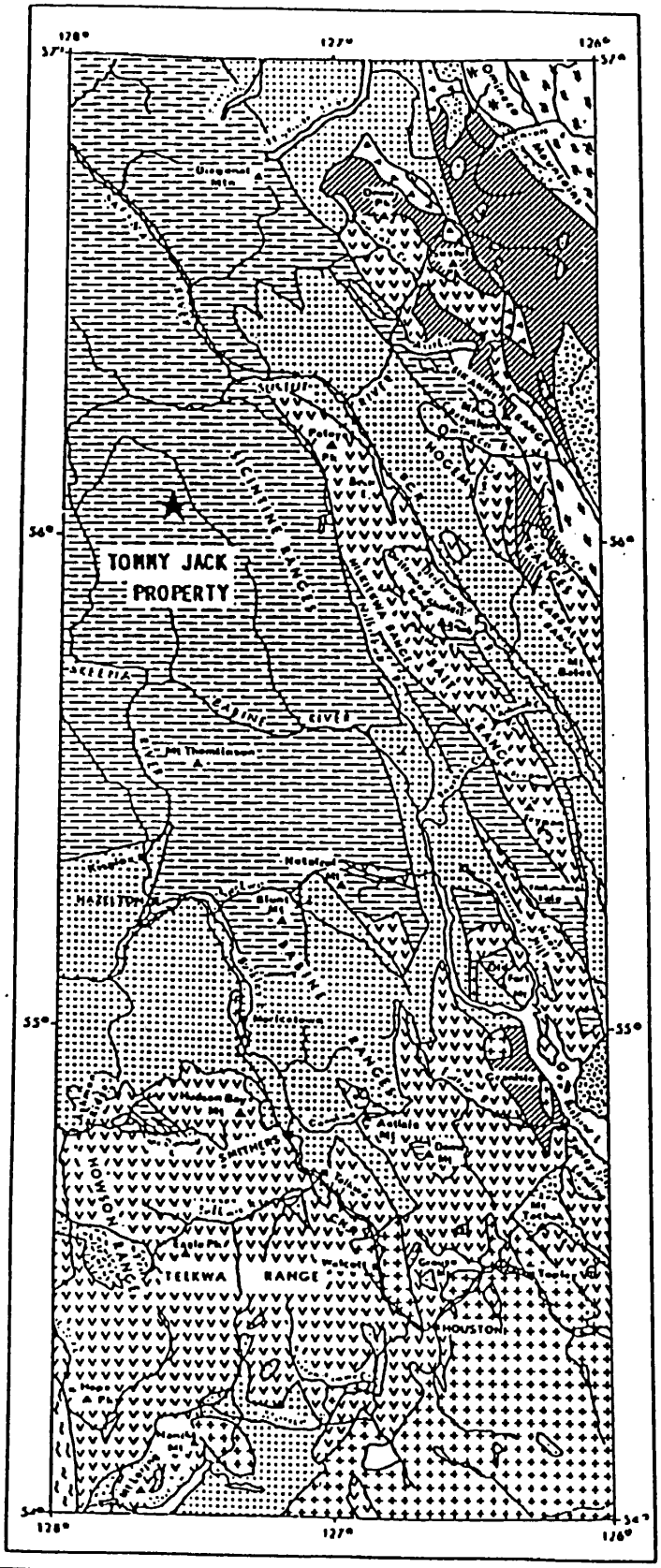
Note: The majority of the Noranda/Gold Cap monies (drilling) were spent on Warren's ground that adjoins the Tommy Jack property on the north and west with the most of the remainder spent on what is now the "Raven" ground. (TJ series of mineral claims).

GEOLOGY

Regional Geology

The Tommy Jack Creek property lies in the Intermontane belt, one of the five major subdivisions of the Canadian Cordillera (Figure 3). The belt consists of Mesozoic volcanic and sedimentary rocks and is bounded on the east by the metamorphic rocks of the Omineca Belt and on the west by the Coast Crystalline Belt.

The rocks underlying the claim area are part of a thick assemblage of marine and non-marine sediments composed of shale, siltstone, sandstone and conglomerate (Figure 2). The assemblage, referred to as the Bowser Lake Group, was deposited in a broad basin (Bowser Basin) at least 200 kilometres wide and 300 kilometres long. This basin is interpreted by Eisbacher (1977) to be a marginal basin developed along the continental margin, open to the west and filled with sediments derived from a tectonically thickened welt in the east and from the older terranes and



GENERAL GEOLOGY

of the

SMITHERS, HAZELTON

and

McCONNELL CREEK MAP-AREAS

LEGEND

Tertiary (Paleocene to Miocene)

- Ootsa Lake and Endako Groups

Lower Cretaceous (Hauterivian) to Eocene

- Skeena and Sustut Groups

Middle to Upper Jurassic (Bathonian to Oxfordian)

- Bowser Lake Group

Lower to Middle Jurassic (Sinemurian to Callovian)

- Hazelton Group

Upper Triassic to Lower Jurassic

- Intrusive Rocks

Upper Triassic

- Takla Group

Upper Paleozoic

- Asitka Group
- Cache Creek Group
- Lay Range Assemblage

Crystalline Terranes

- Omineca Crystalline Belt
- Coast Plutonic Complex

Kilometres

0 60 120

G.S.C.

January 2002

REGIONAL GEOLOGICAL SETTING
OF THE
TOMMY JACK PROPERTY

After Tipper and Richards (1974)

Figure #3

volcanic chains on the west. Subsequent sea floor spreading and subduction resulted in:

1) the welding of the older volcanic-plutonic terranes onto the continental crust and

2) uplift and deformation of the rocks of the Bowser Basin.

Intrusive into the Jurassic Bowser Group sedimentary rocks are a Cretaceous series of stocks and small batholiths of porphyritic granodiorite and quartz monzonite termed the Bulkley Intrusions. They lie in a belt 80 kilometres wide and 300 kilometres long, and include a cluster of intrusions in the Atna and Sicintine Ranges in the north and extend southward to include the Quanchus Intrusions in the Whitesail Lake area. The Tommy Jack Creek property is ten kilometres north of the known northern limit of this belt.

The Bulkley Intrusions have a number of common characteristics including:

1) Cretaceous age (70 to 84 million years),
2) high level characteristics,
3) host to a number of important copper-molybdenum and molybdenum-tungsten deposits (Carter, 1981) such as Mt. Tomlinson and Glacier Gulch, and,
4) host to a number of important precious and base metal deposits such as the Silver Standard and Rocher Deboule Mines, both near Hazelton.

Property Geology

The Tommy Jack property is on the eastern edge of the Bowser Basin.

The property is underlain by the Bowser Sediments that, in the claim area, consist of interbedded sedimentary clastics; siltstone, arkosic sandstone, shale and argillite with minor conglomerates. There are exposures of siltstone and sandstone throughout the property. Minor conglomerate was encountered only by several of the drill holes in the area. These beds are gently folded with a generally westward dip and exposed on the East Scarp of Moret Ridge. The sedimentary units are further deformed by a series of fault zones on the property resulting in an east dip on the eastern boundary of the property.

The sediment package is intruded by a felsic unit of the Cretaceous Bulkley Intrusive Suite(?). The field term used is dacite. Multiple intersections of the dacite in the drill holes suggest that there are multiple dykes within fault zones (dyke swarms) or that intense faulting has broken single dykes into small sections. The dacites have pervasive sericite and carbonate alteration. The mafic minerals alter to chlorite.

Structure

Extensional tectonics generated steeply dipping multiple sub-parallel faults trending northwest to north as well as northeast to east. The northwest to north block faulting down-dropped a series blocks progressively eastward. This interpretation is based on drill sections, air photo lineaments and topography. There are a series of sub-parallel faults with a NNW strike that cross the property and are sub-parallel to or a splay of the major Sicintine fault zone that is located just to the east of the property. There are also indications of fault zones at almost right angles to the main fault zone as indicated by the drainage pattern of the bottom of Unnamed Creek, the strike of a dacite dike in Unnamed Creek and air photo lineaments on the southeast corner of the area. The fault interpreted by Allen (NNE trending) goes from the headwaters area of Beaver Creek towards the area of Noranda's most concentrated drilling. This NNE trending fault (Allen's) may

also be the reason for the fragmentation and deflection of the soil and VLF anomalies in the upper area of Beaver Creek. These block fault zones provided conduits and areas of weakness for the penetration of the intrusive bodies and the mineralizing solutions. Multiple episodes of fracturing resulted in the rock units becoming receptive to mineralization in both the sediments and the intrusive bodies.

There is a possible uplift of one of the central blocks as indicated by a circular feature expressed on the air-photo. This may be the result of a buried intrusive from which the dacite dykes may have originated and/or from which the mineralizing fluids may have derived.

Mineralization

Mineralization on the property consists of pyrite, arsenopyrite, galena, sphalerite, tetrahedrite and chalcopyrite, primarily in quartz veins or quartz-carbonate altered rock. The mineralization is related to dykes and/or faults hosted by veins, veinlets and/or stockworks and carries values in gold and silver. The alteration consists of quartz-carbonate (ankerite, calcite, dolomite) sericite and chlorite (mafic minerals in the granodiorite dykes). The dykes themselves show alteration (clay minerals, carbonate and sericite) and contain stockworks of mineralized quartz veins. The sandstones, being more permeable, show the greatest degree of carbonate alteration with ankerite, calcite and quartz-carbonate forming veins and fracture fillings. The carbonate alteration zone mapped to date is approximately 2 km. by 3.5 km. and is open to the southeast. In Allen's 1989 report for Intertech his statistical analysis indicates that there are at least two populations of mineralization, thus suggesting at least two mineralizing pulses and possible overprinting of alteration/mineralization.

The quartz and quartz/carbonate veining is multi-directional in both the sediments (sandstone and siltstone) and the dacite dykes. The data from previous drilling supports the interpretation that this veining occurs within broad fault zones within all rock types that the structures penetrate.

Historically (Noranda/Intertech/Raven), there have been many rock samples found throughout the property. Primarily, these samples are of float blocks but suspected of very local origin. They are typically of excellent precious metal grade. The grades range from 0.2 to 2.1 oz/ton gold and 0.3 to 74 oz/ton silver. These rock samples are usually of sulphide rich quartz but the quartz can be sulphide poor and still carry excellent gold grades (Noranda/Intertech data). The float samples can be found in most drainage patterns within the target area as well as scattered within the overburden. These float samples are found in an area from immediately west of Beaver Creek to east of Unnamed Creek, a distance of approximately 3 kilometres. This wide area that contains the float samples also crosses the strike of the structures and includes the geophysical and geochemical anomalies.

The relatively high values of mercury, arsenic and silver with sporadic gold values hosted by altered felsic intrusive and sedimentary rocks with varying degrees of silicification and quartz veining appears to indicate the upper portion of an epithermal system.

Ice Movement

Raven interpreted the last ice direction in the area was southerly based on air photos. There is, however, no obvious evidence of significant ice movement affecting soil anomalies. It is further interpreted that all the source rocks are therefore from the immediate vicinity.

WORK PROGRAM

Description

Gold City Industries Ltd. completed a 2004 exploration program consisting of a 24 field-day soil sampling, prospecting and trenching program. The field program ran from July 12, 2004 until August 4, 2004. Work was carried out from a tent camp mobilized by truck to the end of logging road in Tommy Jack pass and ferried by helicopter from road end to the property. Canadian Helicopters Ltd. based in Smithers provided helicopter services. Crews accessed work areas by foot from the tent camp.

Prior to the field season, 332 stored soil pulps from an earlier survey on the property were analyzed for 30 elements in order to extend the multi-element coverage.

Two slope corrected control grids (East and West Grids) were established to facilitate the collection of soil and rock samples, locate bedrock exposures and establish controls for any future surveys. Grid lines were spaced 100 metres apart with samples and stations established/collected at 20 metre intervals. A Tyvek tag with the grid co-ordinate marked on it was secured by a wire tie to vegetation at each grid station. West Grid covered an area of approximately 1500 metres by 1300 metres. The East Grid covered an area of 1300 metres by 800 metres and located 400 metres east of the West Grid. Both the West and East grids are tied to the same co-ordinate system which originates at 20000N 20000E located ~140 metres west of Beaver Creek.

B-horizon soil was collected from hand dug pits 10-65 cm deep. Samples were placed in Kraft paper sample bags with their corresponding sample grid station written on each paper sample bag. A total of 1170 soil samples were collected within the 25.18 kilometres of grid.

A total of 4 hand trenches were dug to expose or better expose bedrock from which 17 rock samples were collected.

Rock sampling during the 2004 program was restricted mainly to mineralized bedrock exposures located during the establishment of the control grid and some areas within previously located soil anomalies.

Descriptions of the samples are available in Appendix II.

Methodology

The slope corrected control grids were established by two man crews using compass, clinometers and hard chain. The soil samples were collected using steel bladed shovels, put into high strength Kraft soil bags, transported to base camp, checked for damaged or incorrectly numbered bags, air dried and packed for shipment to Acme Labs in Vancouver. Field notes collected at each site included: line and station number, line slope angle, line direction, topographic slope direction, soil colour, sample depth, any bedrock exposures in the area and comments not ordinary within the survey area such as soil horizons out of the ordinary, any swamps, creeks, previous grids or old workings.

Geochemical Sample Preparation and Analyses

Rock and soil samples were sent to Acme Analytical Laboratories Ltd. in Vancouver, BC. Rock samples were pulverized and sieved to -150 mesh. Soils were sieved to -80 mesh. Samples were analyzed for 30 elements. This involved a 30gm sample leached with 180 ml of $HCL-HNO_3-H_2O$ at 95° C for one hour, diluted to 600ml and then analyzed by Optima ICP-ES and MS. Elements provided were the following: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, and Zn. Samples were run for fire assay- atom absorption finish for Au with a 2 ppb detection limit.

SOIL SAMPLING PROGRAM

Results of the soil survey are presented in Appendix I and in summary form below in text and Figures 5 through 9. A statistical analyses was conducted on the soil data set to determine anomalous values. Table 2 presents key elements and their corresponding values. Statistically, an anomaly was defined by the mean plus one standard deviation and a stronger anomaly starting at the mean plus two standard deviations. However, gold values greater than 20 ppb Au and silver values greater than 0.6 ppm Ag were considered anomalous.

Table 2: Statistics on Geochemical Soil Data

	Gold ppb	Silver ppm	Arsenic ppm	Lead ppm	Zinc ppm
Average	25.8	1.61	128.5	51.5	128.2
Std	53.5	2.37	173.9	90.1	119.3
1st Std Dev	79.3	3.98	302.3	141.5	247.5
2nd Std Dev	132.8	6.36	476.2	231.7	366.8
Maximum	728.7	41.40	2191.7	1837.6	1396.0

Description of Geochemical Soil Anomalies

West Grid

Gold

A series of northwest trending (330° to 340°) sub-parallel linear gold anomalies are defined by soils on the West Grid ranging in strike length from 200 to 700 metres. Values range from 0.9 ppb Au to 661 ppb Au. The end points of six anomalies are located by the following grid coordinates: 18700N x 21140E to 18800N 21060E; 19100N x 20980E to 19300N x 20840E; 19000N x 21240E to 19700N x 20860E; 19600N x 21140E to 19800N x 21080E; 19300N x 21740E to 19900N x 21640E; and 19700N x 21780E to 20000N x 21640E.

Arsenic

A near continuous northwest trending (340°) linear anomaly >1400 metres in length was established on the West Grid. This anomaly is coincident with one of the gold soil anomalies. Values ranged from 4.7 ppm As to 762 ppm As. The end points of the two anomalies are located by the following grid coordinates: 18500N x 21340E to 19800N x 21000E (disjointed linear) and 19400N x 21700E to 19600N x 21600E.

Lead

A series of short, ~200 to 250 metres, northwest trending linear lead anomalies are coincident with some of the gold anomalies. Values ranged from 5.9 ppm Pb to 1837 ppm Pb. The end points of four anomalies are located by the following grid coordinates: 19200N x 20840E to 19700N x 20880E; 19000N x 21200E to 19700N x 21040E; 19600N x 21140E to 19800N x 21000E; and 19300N x 21700E to 19600N x 21480E.

Zinc
A series (4) of short, ~200 metres, northwest trending linear sub-parallel zinc soil anomalies were identified on the West Grid and were found coincident with some of the gold soil anomalies. Values ranged from 27 ppm Zn to 1396 ppm Zn. The end points of four anomalies are located by the following grid coordinates: 19200N x 20840E to 19700N x 20880E; 19500N x 21200E to 19800N x 21000E; 19500N x 21360E to 19700N x 21300E; and 19800N x 21640E to 20000Nx 21400E

Silver
The overall high background values and the sporadic high values in the target area make it difficult to determine a preferred orientation for the silver soil anomalies. However, one discontinuous northwest trending (335^{o}) linear silver soil anomaly 500-600 metres long appears to be located slightly offset to the west of the one gold soil anomaly. Values ranged from 0.2 ppm Ag to 12.4 ppm Ag

East Grid

Gold
The soil survey identified a triangular shaped gold soil anomaly 300 metres by 140 metres in size and located in the southwest portion of the grid. The gold soil anomaly coincides with a much larger arsenic soil anomaly described below. The gold values in this anomaly ranged from <0.5 ppb Au to 728 ppb Au. The end points of the anomaly are located by the following grid coordinates: 18900N x 22400E to 18900N x 22580E to 19100N x 22460E.

Arsenic
A large (500 metres long x 400 metres wide) arsenic soil anomaly has been identified in the southern portion of the grid. Arsenic values ranged from 0.9 ppm As to 2191 ppm As. It is interpreted that there appears to be two sources of the arsenic, one linked with the gold and the other with the lead/zinc. Examination of the raw analytical data suggests that there are two arsenic anomalies that merge into each other, one a triangular one associated with the gold and a linear one associated with the lead/zinc. The end points of the anomaly are located by the following grid coordinates: on line 18800N from 22300E to 22680E extending northerly to line 19500N while maintaining a width of about 400 metres.

Lead
A northwest trending (330^{o}) linear lead soil anomaly approximately 600 metres long is present on this grid. Values ranged from 38.9 ppm Pb to 1259.4 ppm Pb. coincident with the zinc anomaly. Another triangular lead anomaly trending north 300 metres long is located 260 metres west of the southern end of the above lead anomaly. Values ranged from 36.8 ppm Pb to 478.6 pm Pb. This anomaly appears to be coincident with the gold soil anomaly. The end points of the two anomalies are located by the following grid coordinates: 18900N x 22360E to 18900N x 22540E to 19200N x 22440E; and 18800N x 22900E to 19500N x 22460E .

Zinc

A pronounced northwest trending (330^{o}) linear zinc soil anomaly approximately 800 metres long extends from the southeast corner of the grid toward the northwest corner. Values range from 70 ppm Zn to 936 ppm Zn. This anomaly coincides with the long lead soil anomaly described above. A second 200 metre long zinc soil anomaly is located approximately 200 metres west of the south end of the other zinc anomaly and is coincident with the gold anomaly. The end points of two anomalies are located by the following grid coordinates: 18800N x 22400E to 19000N x 22360E; and 18800N x 22900E to 19600N x 22420E.

Silver

A northwest trending linear silver soil anomaly 800 metres long is coincident with the long zinc soil anomaly. Values ranged from 0.3 ppm Ag to 17.9 ppm Ag. A smaller linear silver soil anomaly 100 metres long overlaps the gold soil anomaly. Silver values in this anomaly range from 0.6 ppm Ag to 12.0 ppm Ag. The end points of the linear disjointed anomaly are located by the following grid coordinates: 18800N x 22880E to 19700N x 22300E.

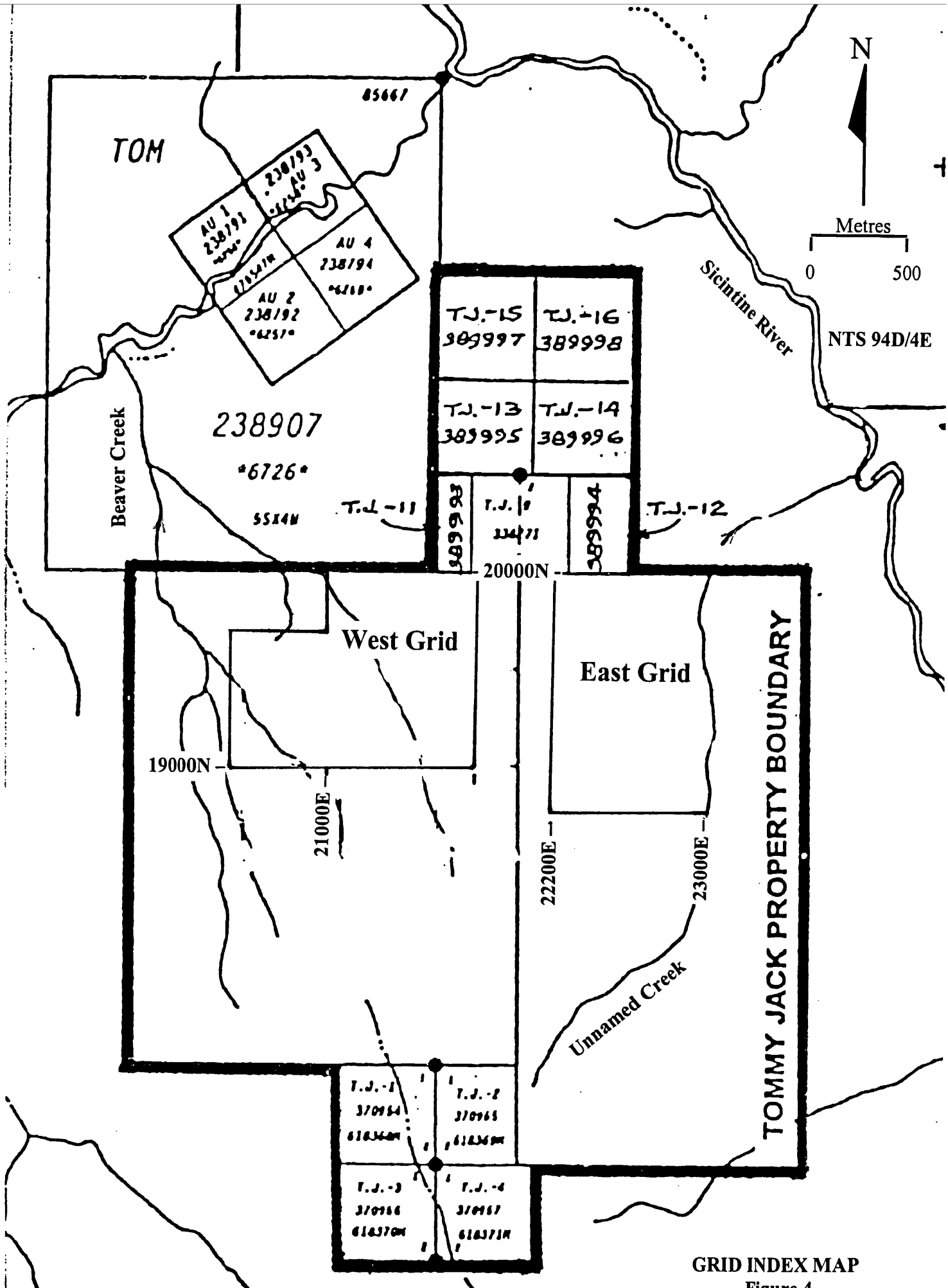
Discussion of Geochemical Soil Anomalies

West Grid

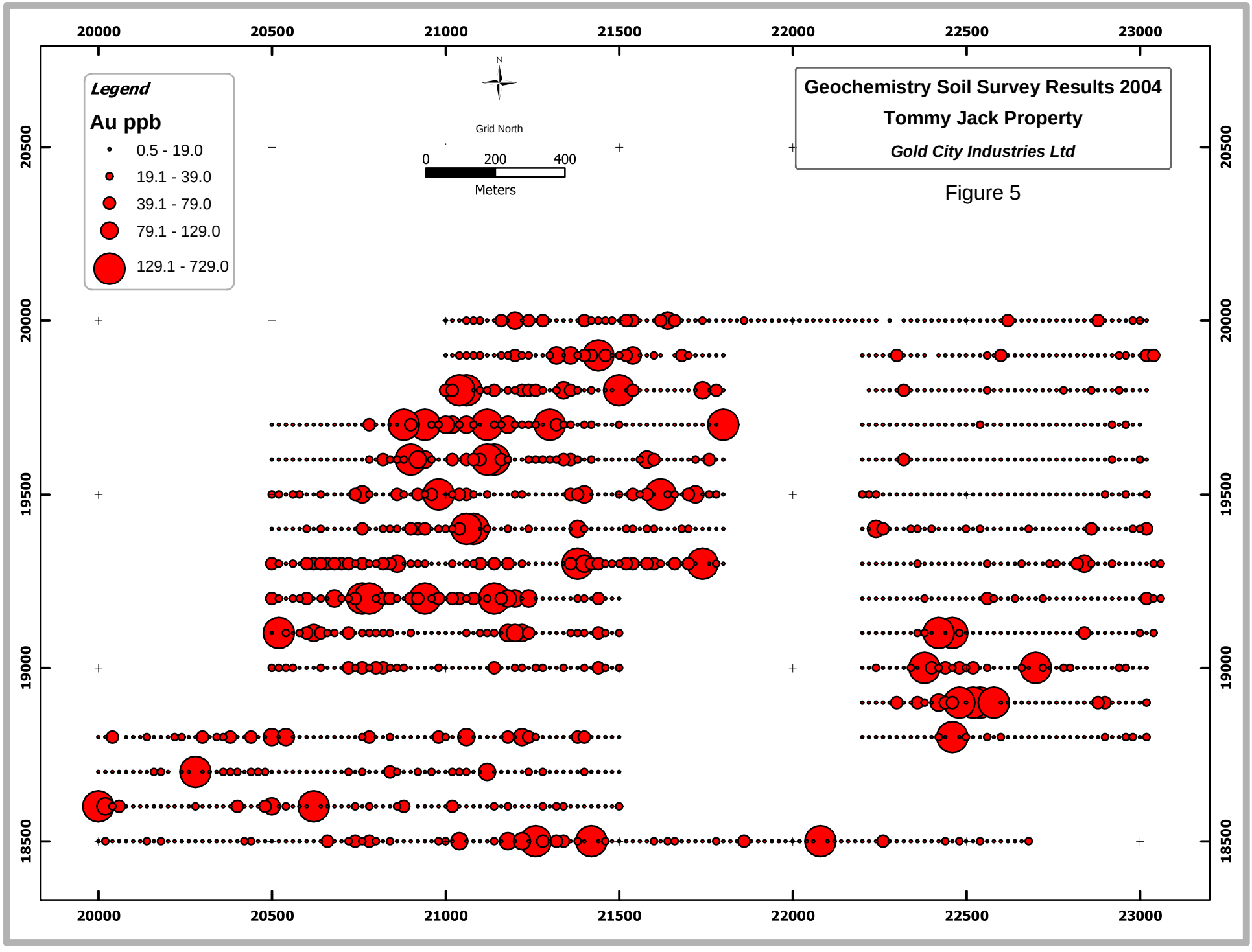
A series of northwest trending linear sub-parallel gold/multi-element anomalies cover an area of about 1400 metres long and 100 to 250 metres wide in the central area of the grid. The multi-element component includes gold, silver, arsenic, lead and zinc. This swath of anomalies corresponds to an area of dacite dykes intruding the sedimentary rocks (sandstone, siltstone and minor conglomerates) that are transected by a series of northwest trending structures (faults ?) as interpreted from air photographs. Glacial dispersion, to the south and southeast, of the soil anomalies probably increased the physical size of the anomalies but the cohesiveness of the metal values suggests the dispersion was minimal.

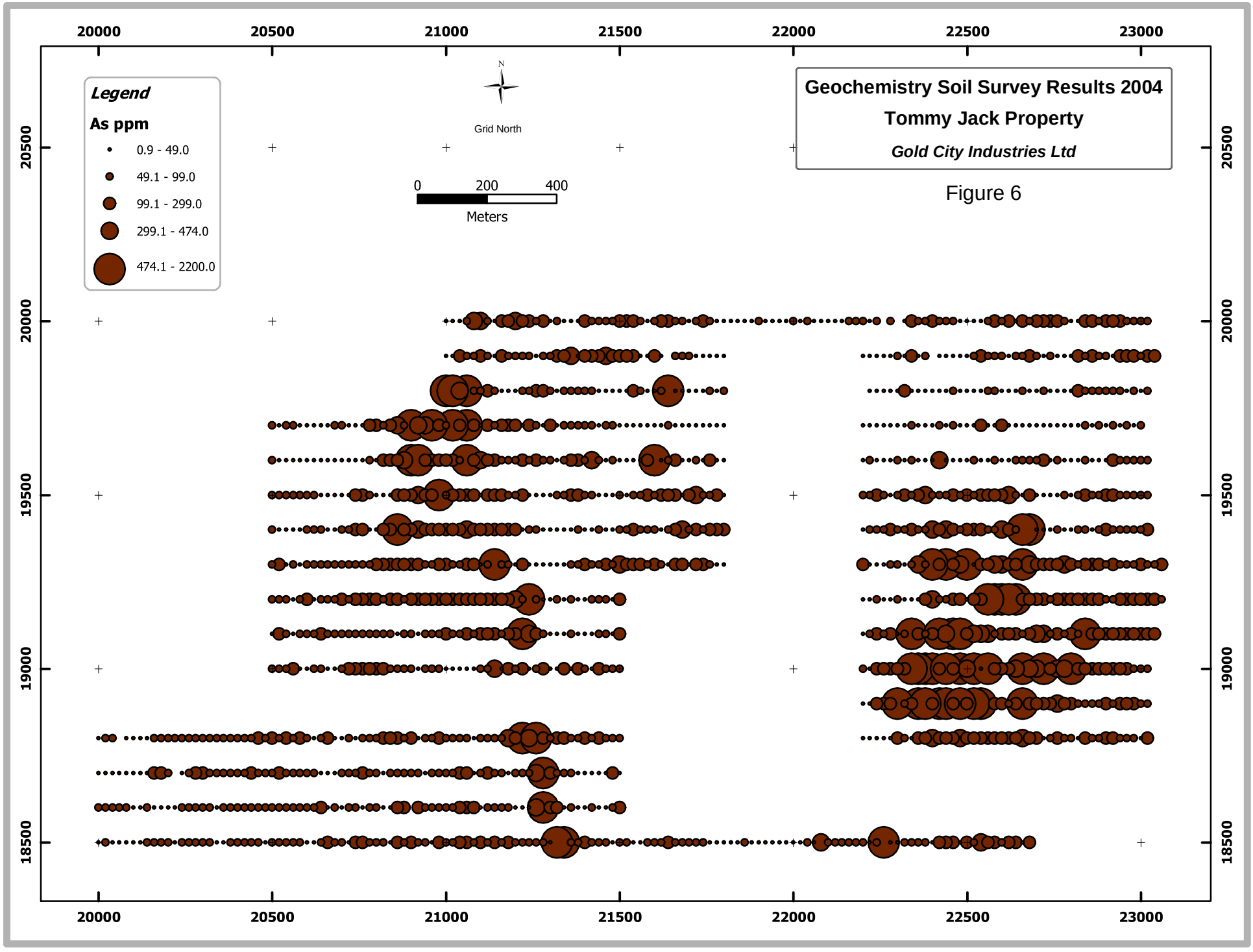
East grid

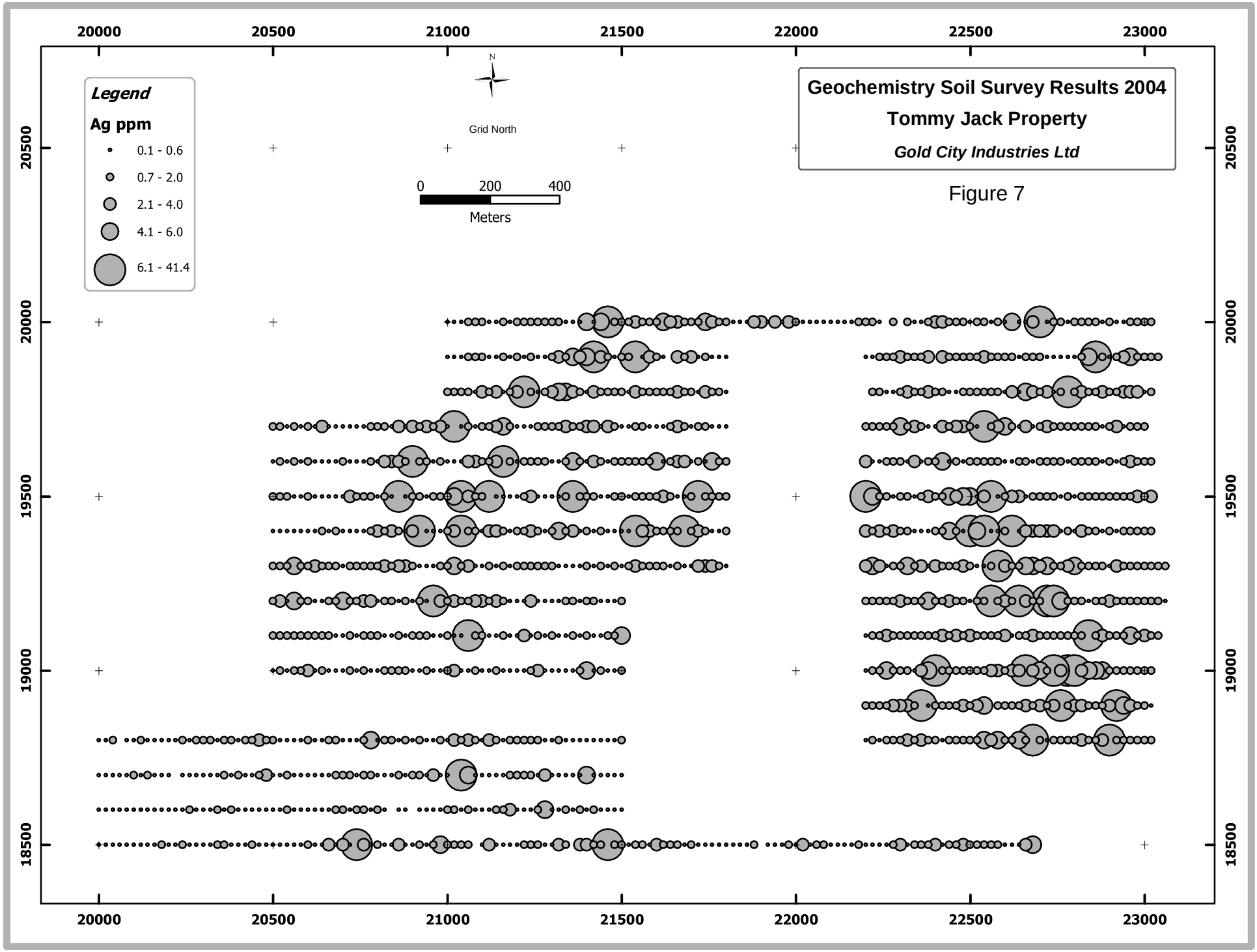
The dispersion patterns and the element associations suggest two episodes of mineralization. The large northwest trending anomaly consists of coincident lead, zinc, arsenic and silver values with very little gold. This linear anomaly is very persistent over 800 metres and suggests an underlying bedrock source that is enriched in these metals. The anomaly situated ~200 metres west of the south end of the large anomaly and striking north-south, is primarily gold and arsenic rich with supporting lead and zinc values.

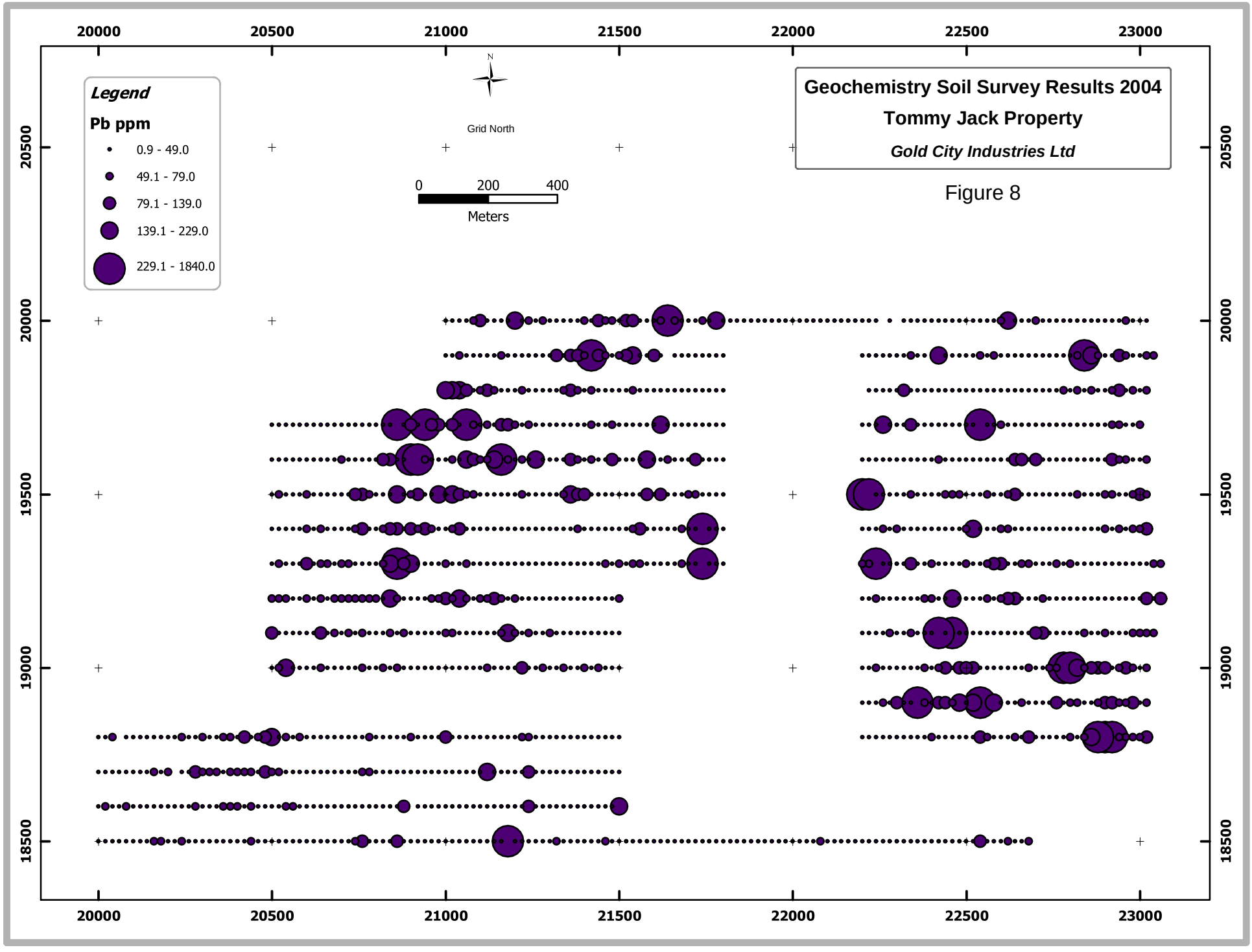


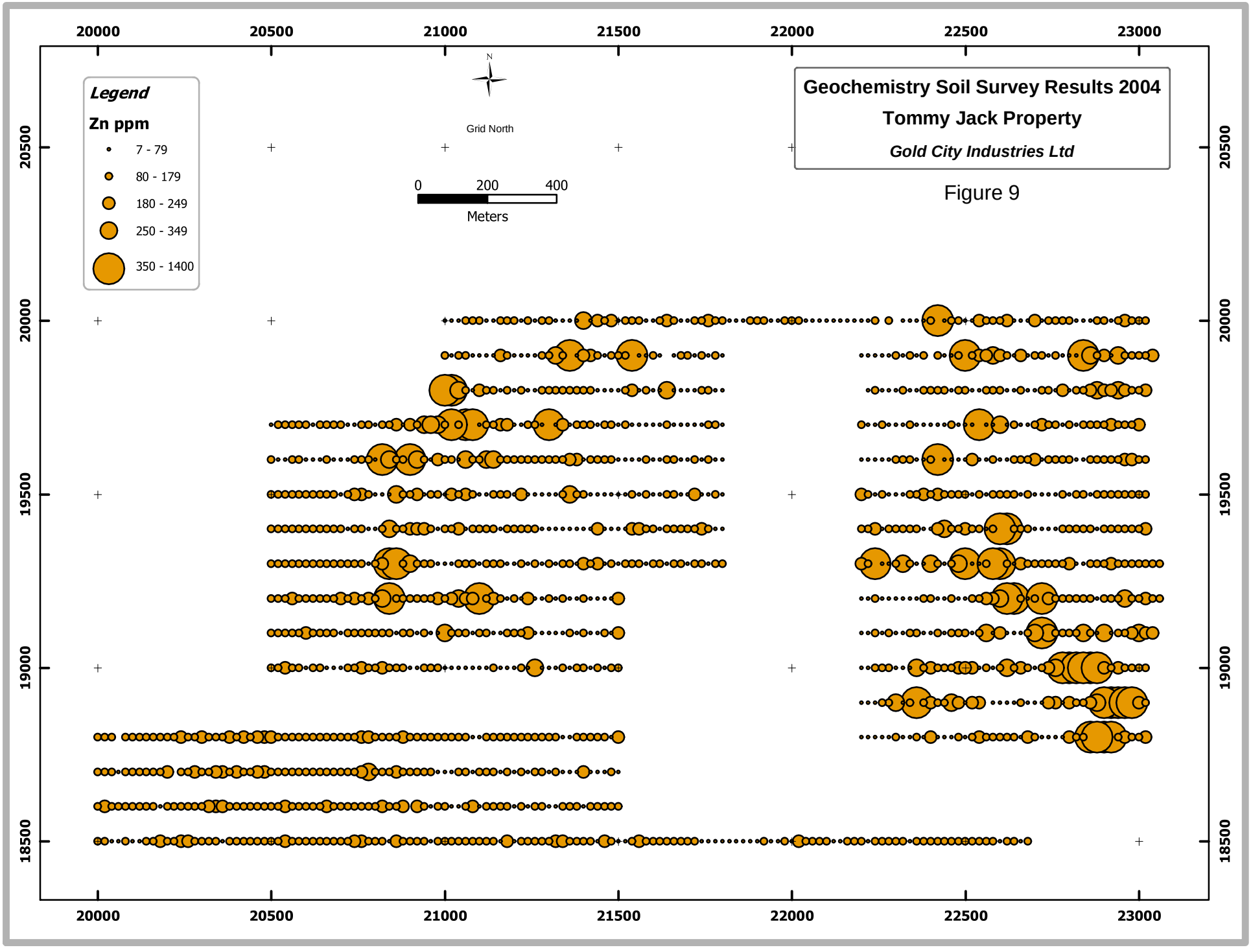
GRID INDEX MAP
Figure 4


Legend
Au ppb
0.5 - 19.0
19.1 - 39.0
39.1 - 79.0
79.1 - 129.0
129.1 - 729.0
N
Grid North
0
200
400
Meters
Geochemistry Soil Survey Results 2004
Tommy Jack Property
Gold City Industries Ltd
Figure 5
20000
20500
21000
21500
22000
22500
23000
18500
19000
19500
20000
20500


Legend
As ppm
0.9 - 49.0
49.1 - 99.0
99.1 - 299.0
299.1 - 474.0
474.1 - 2200.0
N
Grid North
0
200
400
Meters
Geochemistry Soil Survey Results 2004
Tommy Jack Property
Gold City Industries Ltd
Figure 6
20000
20500
21000
21500
22000
22500
23000
18500
19000
19500
20000
20500


Legend
Ag ppm
0.1 - 0.6
0.7 - 2.0
2.1 - 4.0
4.1 - 6.0
6.1 - 41.4
N
Grid North
0
200
400
Meters
Geochemistry Soil Survey Results 2004
Tommy Jack Property
Gold City Industries Ltd
Figure 7
20000
20500
21000
21500
22000
22500
23000
18500
19000
19500
20000
20500


Legend
Pb ppm
0.9 - 49.0
49.1 - 79.0
79.1 - 139.0
139.1 - 229.0
229.1 - 1840.0
N
Grid North
0
200
400
Meters
Geochemistry Soil Survey Results 2004
Tommy Jack Property
Gold City Industries Ltd
Figure 8
20000
20500
21000
21500
22000
22500
23000
18500
19000
19500
20000
20500


Legend
Zn ppm
7 - 79
80 - 179
180 - 249
250 - 349
350 - 1400
N
Grid North
0
200
400
Meters
Geochemistry Soil Survey Results 2004
Tommy Jack Property
Gold City Industries Ltd
Figure 9
20000
20500
21000
21500
22000
22500
23000
20500
20000
19500
19000
18500

TRENCHING PROGRAM

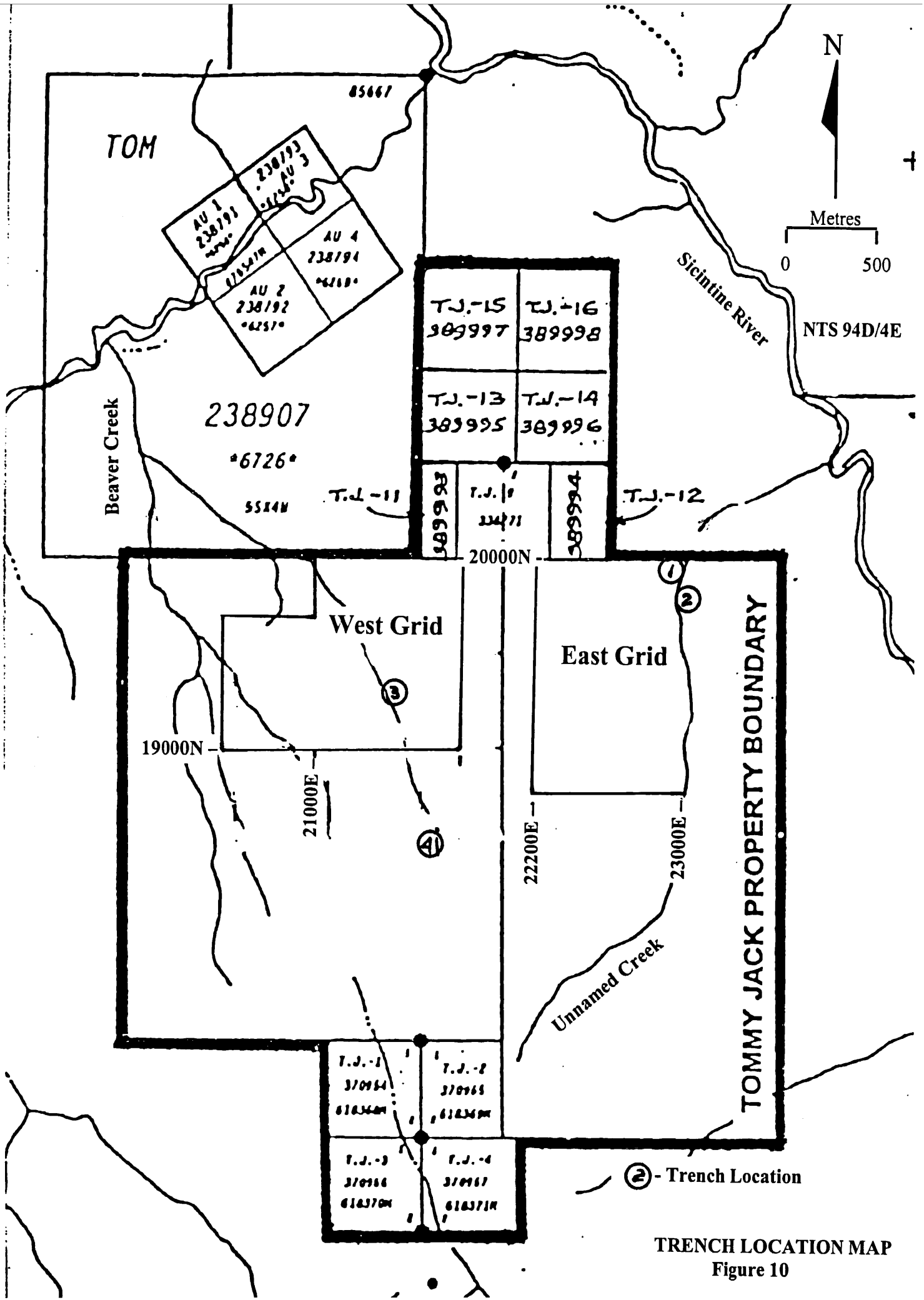
Hand trenching was carried out on selective geophysical anomalies and areas of geochemical soil anomalies developed from previous work. The location of the trenches are shown in Figure 10. This handwork is slow and labour intensive, but is very beneficial to determine the source of the anomalies. These trenches were dug in various parts of the property as follows:

1. 19950N x 23040E on the West side of Unnamed Creek, subcrop of metasediments with quartz and pyrite, sample # MR-001
2. 19850N x 23040E on the East side of Unnamed Creek, exposed 4.5 metres of quartz stockwork in the sedimentary rock, sample # MR-002 to MR-006
3. 193040N 21400E in an area of shallow overburden where a small creek had a concentration of quartz floats, the trench exposed ~12 metres of the quartz vein , attitude of the vein is 345^{o}/70E, sulphide mineralization was pyrite, sample # MR-007 to MR-012
4. 18500N 21640E in the area of a 117ppb gold anomaly, trenching uncovered an area of small quartz veins in sedimentary rock, general strike of quartz veins is 340^{o} with an east dip, sample # MR-013 to MR-016

Trenching revealed that even relatively low value gold anomalies may indicate bedrock mineralization and that the overburden can be penetrated by hand trenching.

PROSPECTING PROGRAM

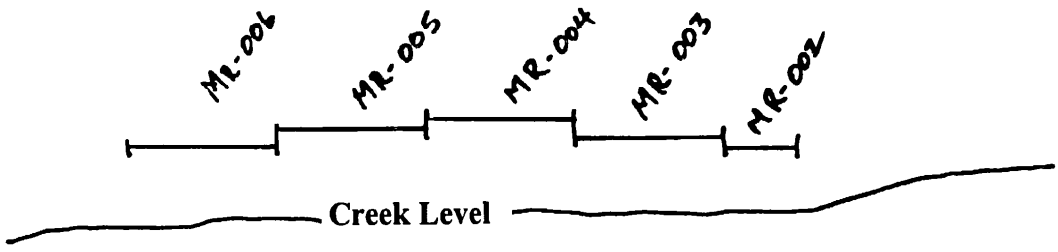
The prospecting program was minimal because of time restrictions and for the most part was done in conjunction with the soil survey. The field crew made note of any bedrock exposures they encountered and when time permitted these exposures were examined. The prospecting did locate priority trenching locations and some of these were exposed and sampled during the field work. See figure 10 for locations and Appendix II for sample details.



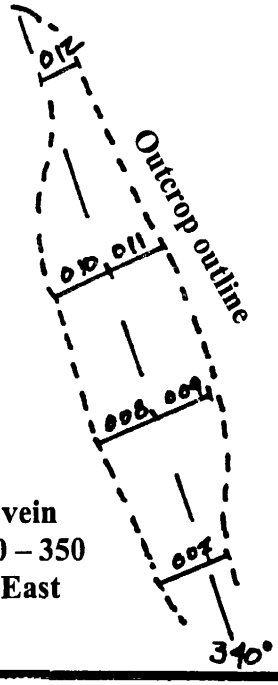
TRENCH LOCATION MAP
Figure 10

Sample Layout in Trenches

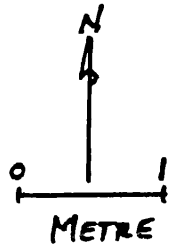
T-04-MR Series of Samples



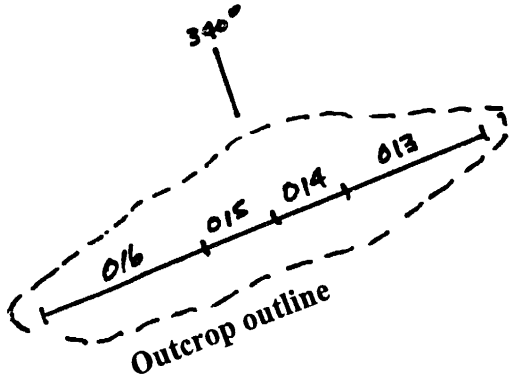
Trench # 2
East Side of Unnamed Creek
19850N 23040E

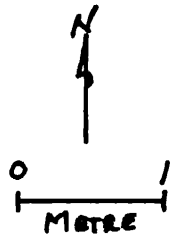


Quartz vein
Strike 340 – 350
Dip 70 East



Trench # 3
193040N 21400E





Trench # 4
18500N 21640E

Figure # 11

CONCLUSIONS

The exploration program of soil sampling, prospecting, and trenching carried out on the Tommy Jack property by Gold City Industries Ltd. in 2004 was successful in expanding the areas of gold/multi-element anomalies, locating new outcrops and exposing by hand trenching low level precious and base metal values from quartz veins.

The successful delineation of multiple linear gold/multi-element soil anomalies in both the West and East Grid suggests the presence of a mineralizing system within the property area. These multiple sub-parallel northwest trending linear soil anomalies range from 200 metres up to 1400 metres long in the West grid where they traverse the central area of the grid. In the East grid area a linear coincident lead, zinc, arsenic and silver anomaly 800 metres long traverses diagonally from the southeast corner to the northwest side. Located approximately 200 metres west of the south end of the lead/zinc anomaly there is coincident gold, arsenic, lead and zinc approximately 300 metres long but strikes north/south.

The hand trenching carried out during the 2004 program over soil anomalies proved useful in exposing bedrock with some quartz veining.

The relatively high values of mercury, arsenic and silver with sporadic gold values with varying degrees of silicification and quartz veining indicate the upper portion of an epithermal system.

Although the source of the high-grade precious metal float blocks was not found during the 2004 program, the results of the work conducted during the 2004 season are encouraging. The program indicated that detail prospecting and geological mapping can locate additional areas of mineralization.

RECOMMENDATIONS

Geochemistry

Expand the soil geochemistry survey to completely cover soil anomalies currently extending to the edges of the existing grids. Higher density soil sampling should be undertaken to better define most promising soil anomalies.

Trenching

More hand trenching should be carried out on the geochemical and geophysical anomalies. This handwork is slow and labour intensive but is very beneficial to help define the source of anomalies. Mechanized trenching should be considered in appropriate terrain.

Self Potential Survey

The SP survey should be expanded in order to more fully understand the structural components of the property as indicated by the graphite rich structures and to locate precise targets for further trenching. A few lines should be run over the best Noranda drill results to determine if there is an

SP signature. This would, of course, depend on permission from the owner of the "Warren" ground.

V.L.F Survey

An expansion of the area covered by the previous VLF survey is warranted in order to delineate any extensions of the present anomalies and to locate any further anomalies that might be associated with precious metal mineralization.

Geological Mapping and Detail Prospecting

Grid based geological mapping at 1:2000 scale should be undertaken to aid in the context of the mineralization and anomalies.

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APPENDIX I

Analytical Results

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Gold City Industries Ltd. PROJECT TOMMY JACK File # A404351 Page 1

550 - 580 Hornby St., Vancouver BC V6C 3B6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
20000N 21000E	.9	18.3	11.0	45	.2	5.4	7.2	911	5.15	11.1	.1	.9	.3	3	.1	1.5	.2	106	.02	.128	5	9.4	.08	41	.012	2	1.10	.006	.02	.3	.04	2.6	.1	<.05	9	<.5	7.5
20000N 21020E	.4	41.5	8.3	69	.3	15.8	16.5	1180	2.77	6.7	.3	1.4	1.3	37	.1	1.2	.1	39	.74	.058	21	10.0	.05	263	.001	2	.44	.005	.06	.1	.06	10.6	.1	<.05	1	.5	15.0
20000N 21040E	2.7	47.8	18.3	61	.2	8.3	8.1	264	4.21	18.5	.1	1.0	.5	8	.1	1.7	.1	43	.06	.050	6	6.5	.05	71	.001	1	.61	.004	.02	.6	.03	3.2	.1	<.05	3	<.5	15.0
20000N 21060E	1.3	47.4	29.6	109	.9	11.7	15.6	2193	5.06	88.9	.2	20.4	.3	6	.4	1.2	.2	60	.05	.080	6	11.3	.23	71	.009	1	1.39	.006	.03	.5	.08	4.0	.1	<.05	5	<.5	15.0
20000N 21080E	1.2	55.9	60.4	80	.9	13.3	11.7	1137	5.94	312.3	.1	31.6	.2	12	.2	1.5	.3	61	.18	.130	8	8.1	.07	70	.003	1	.81	.007	.05	.6	.08	4.0	.2	<.05	4	<.5	1.0
20000N 21100E	1.1	50.9	120.1	133	1.4	16.0	15.9	3888	5.17	321.4	.2	38.4	.3	16	.7	1.0	.3	50	.27	.128	12	8.3	.06	90	.005	1	1.19	.006	.03	.5	.08	6.3	.1	<.05	4	<.5	7.5
20000N 21120E	1.0	28.1	20.1	62	.4	5.0	5.3	376	3.69	51.1	.1	3.7	.2	6	.2	1.0	.2	69	.03	.067	7	7.0	.08	44	.005	1	.93	.006	.02	.4	.07	2.4	.1	<.05	7	<.5	7.5
20000N 21140E	1.4	21.6	25.0	71	.5	4.5	9.0	1300	2.89	37.6	.1	1.5	.1	9	.3	.9	.1	64	.09	.050	8	5.7	.06	83	.009	<1	.96	.006	.03	.3	.03	2.0	.1	<.05	7	<.5	7.5
20000N 21160E	1.3	38.1	40.4	137	1.7	8.9	9.4	947	10.36	173.4	.1	70.0	.6	4	.2	1.6	.2	89	.03	.253	6	16.0	.27	39	.005	1	1.85	.006	.03	.4	.08	4.8	.1	<.05	8	<.5	15.0
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20000N 21220E	1.5	28.6	38.2	72	.9	5.8	7.6	483	4.18	141.7	.2	14.1	.2	6	.2	1.3	.2	62	.07	.056	7	5.4	.09	39	.007	1	1.00	.006	.02	.5	.05	2.3	.1	<.05	7	<.5	7.5
20000N 21240E	1.5	41.7	62.3	82	1.3	6.9	9.7	609	9.23	223.1	.2	64.4	.3	4	.3	2.0	.5	65	.05	.142	7	12.6	.11	29	.010	1	1.22	.006	.02	.4	.10	2.4	.1	<.05	9	.5	7.5
20000N 21260E	1.2	31.2	30.5	72	1.0	7.4	7.1	355	6.13	55.4	.2	12.5	.3	8	.2	1.2	.2	74	.13	.054	5	12.5	.25	51	.018	<1	1.67	.006	.03	.4	.06	3.2	<.1	<.05	7	<.5	7.5
RE 20000N 21260E	1.2	31.5	29.0	73	1.0	7.8	6.6	356	6.03	53.8	.2	7.2	.2	8	.3	1.1	.1	74	.12	.052	5	13.1	.24	47	.021	1	1.57	.006	.03	.4	.07	3.0	.1	<.05	8	<.5	7.5
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20000N 21320E	1.3	33.9	43.5	74	.8	8.4	7.5	277	7.04	66.7	.4	9.5	.6	19	.5	.9	.2	83	.23	.057	5	16.1	.27	67	.013	1	2.67	.007	.02	.4	.08	4.7	.1	<.05	8	.6	15.0
20000N 21340E	.5	7.4	3.4	15	.2	2.2	1.8	138	.74	6.5	.1	3.9	.1	3	.1	.3	.1	28	.03	.030	8	4.7	.08	18	.006	1	.46	.006	.02	.2	.03	.5	<.1	<.05	5	<.5	1.0
20000N 21360E	.5	9.1	2.0	14	.2	1.3	1.4	156	.67	4.7	.1	.5	.1	2	<.1	.2	<.1	21	.03	.020	8	2.3	.04	10	.008	3	.29	.007	.02	.1	.02	.8	.1	<.05	3	<.5	1.0
20000N 21380E	5.2	19.3	10.1	42	.3	6.5	7.7	319	2.75	30.7	.1	1.1	.6	29	.2	1.9	.1	30	.57	.032	8	4.2	.15	67	.001	1	.77	.007	.04	.2	.03	2.8	.1	<.05	4	<.5	15.0
20000N 21400E	1.2	74.2	54.8	257	4.9	16.4	13.3	1994	4.42	112.1	.5	45.4	.7	59	2.2	1.2	.1	48	.99	.112	15	15.5	.47	147	.009	2	2.34	.008	.04	.3	.21	14.6	.2	.07	6	1.3	15.0
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20000N 21440E	1.2	171.4	109.1	183	5.5	21.8	27.9	1940	5.43	88.0	.7	35.2	1.0	88	2.4	1.6	.1	54	1.38	.139	24	18.0	.54	170	.006	2	2.85	.011	.06	.3	.18	12.1	.1	.10	6	1.2	1.0
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20000N 21480E	1.9	51.3	52.4	248	1.0	14.9	21.8	4601	5.81	98.0	.2	32.9	.5	47	1.2	1.6	.2	62	.64	.090	7	15.1	.50	174	.011	1	2.28	.007	.05	.4	.06	5.3	.1	<.05	8	.6	7.5
20000N 21500E	1.2	19.2	48.7	65	.9	4.1	5.2	251	3.68	111.7	.1	12.6	.2	41	.3	1.1	.1	57	.57	.052	5	5.9	.14	65	.008	2	.87	.006	.03	.6	.04	2.1	.1	<.05	6	<.5	7.5
20000N 21520E	1.9	34.7	116.5	84	.9	6.1	8.5	548	7.60	163.5	.4	46.7	.4	17	.6	1.8	.2	79	.19	.056	6	11.9	.16	79	.018	1	1.79	.005	.02	.8	.08	3.8	.1	<.05	8	.6	15.0
20000N 21540E	1.5	47.6	85.0	144	2.4	9.6	13.6	747	8.05	149.3	.4	48.4	.4	12	1.2	1.7	.2	63	.16	.091	9	13.7	.29	122	.015	2	2.27	.006	.03	.5	.12	4.9	.1	<.05	7	.6	15.0
20000N 21560E	1.2	30.5	45.4	106	1.2	6.7	8.2	603	4.85	71.8	.2	6.5	.5	4	.3	1.4	.1	56	.05	.054	6	8.1	.17	65	.007	2	1.42	.005	.03	.4	.05	3.6	.1	<.05	6	<.5	15.0
20000N 21580E	.9	26.0	14.1	68	.9	10.1	7.8	425	5.31	21.2	.3	<.5	.4	7	.3	.8	.1	75	.07	.064	5	14.4	.38	65	.031	2	2.13	.006	.02	.2	.09	3.7	<.1	<.05	8	.5	15.0
20000N 21600E	1.4	21.1	32.4	72	1.6	4.7	4.9	505	4.64	83.2	.3	13.9	.3	5	.4	1.1	.2	62	.04	.060	8	9.2	.15	43	.010	1	1.44	.007	.02	.3	.07	2.1	.1	<.05	9	<.5	15.0
20000N 21620E	.8	75.8	53.6	179	5.6	15.2	9.8	1453	3.98	117.5	.6	75.4	.5	57	1.4	1.5	.1	45	1.04	.140	15	14.2	.55	112	.021	2	1.96	.010	.04	.3	.14	8.4	.1	.09	6	1.5	15.0
20000N 21640E	1.1	43.4	372.3	184	3.4	14.1	27.2	4229	5.88	160.9	.4	85.0	.5	28	1.1	1.7	.2	51	.52	.182	11	12.2	.32	111	.007	1	2.16	.009	.05	.5	.15	4.1	.1	<.05	8	.6	7.5
STANDARD DS5	12.3	141.2	25.5	137	.3	23.9	11.9	747	2.94	17.3	6.2	44.0	2.7	45	5.4	3.7	6.0	58	.72	.088	11	183.3	.64	132	.091	17	1.92	.032	.14	5.0	.16	3.4	1.1	<.05	6	4.9	15.0

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data N FA ____ DATE RECEIVED: AUG 9 2004 DATE REPORT MAILED: Aug. 31/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
20000N 21660E	1.1	68.1	54.9	173	3.8	21.9	16.2	2019	4.31	75.8	.3	39.3	.4	43	.6	1.3	.1	54	.62	.103	10	15.7	.57	157	.012	1	2.49	.010	.06	.4	.09	6.8	.1<.05	6	.8	15.0
20000N 21680E	1.0	23.5	27.3	63	.9	6.4	6.3	771	4.48	82.5	.1	7.9	.2	10	.2	1.4	.2	59	.12	.079	5	8.0	.19	57	.012	2	1.26	.007	.04	.2	.10	2.4	.3 .23	7	1.1	15.0
20000N 21700E	1.1	17.7	11.8	37	1.3	5.0	5.7	144	2.23	46.1	.1	4.2	.4	5	.2	.9	.1	44	.01	.036	7	2.6	.03	22	.003	1	.74	.004	.04	.5	.04	1.8	.1<.05	5	.5	15.0
20000N 21720E	1.2	40.0	34.4	83	1.5	9.1	10.3	461	7.92	84.3	.2	11.4	.8	5	.3	1.4	.1	69	.03	.045	6	15.3	.35	51	.015	1	2.15	.005	.02	.4	.07	4.1	.1<.05	7	.7	15.0
20000N 21740E	4.9	100.9	60.1	154	4.5	8.3	8.5	2821	3.38	104.0	2.8	37.9	.4	110	2.6	1.3	.2	34	1.90	.279	31	14.2	.16	167	.018	2	2.47	.009	.03	.1	.32	5.6	.1 .17	5	4.5	15.0
20000N 21760E	1.8	69.1	43.5	186	2.8	15.9	16.1	2659	4.66	65.8	.5	15.4	.7	85	1.6	1.3	.1	54	1.45	.171	12	18.1	.66	177	.005	1	2.57	.011	.06	.3	.15	9.5	.1 .07	7	1.6	15.0
20000N 21780E	1.0	40.5	185.0	161	.6	15.0	13.4	655	4.62	42.1	.3	7.3	.4	20	.3	.9	.1	70	.26	.059	5	18.1	.68	121	.011	1	2.58	.009	.05	.2	.03	4.9	.1<.05	8	.6	15.0
20000N 21800E	1.1	28.4	16.1	111	.6	11.4	11.5	1113	4.13	20.2	.2	1.7	.5	10	.1	.6	.1	71	.13	.081	5	15.1	.54	85	.014	2	2.39	.008	.04	.2	.05	4.5	.1<.05	8	.5	15.0
20000N 21820E	1.3	24.3	12.4	51	.4	7.4	6.7	421	5.66	31.9	.1	2.0	.3	4	.1	.9	.1	94	.05	.102	4	13.3	.34	28	.050	1	1.58	.007	.02	.3	.04	2.7	<.1<.05	8	.6	15.0
20000N 21840E	.9	11.7	7.4	42	.3	5.1	4.3	275	2.49	11.5	.1	.9	.3	5	.1	.5	.1	59	.06	.036	6	8.6	.28	42	.049	1	1.32	.007	.03	.2	.03	2.1	.1<.05	8	<.5	15.0
20000N 21860E	.8	13.5	5.9	29	.4	2.4	3.2	206	2.76	14.9	.1	38.2	.1	3	<.1	.7	.2	100	.05	.071	5	5.6	.08	22	.023	3	.83	.008	.03	.2	.03	1.5	<.1<.05	9	<.5	15.0
20000N 21880E	1.1	38.2	15.9	88	2.3	7.9	7.2	1541	3.83	48.6	.3	8.6	.2	51	.6	.9	.2	61	.78	.074	13	12.2	.43	125	.017	2	1.88	.008	.04	.4	.10	8.7	.1<.05	8	1.0	15.0
20000N 21900E	.8	40.5	15.3	167	2.6	12.9	13.5	1996	4.06	77.1	.4	11.0	.3	53	.5	1.0	.1	51	.84	.122	10	15.4	.63	92	.017	1	2.27	.009	.04	.2	.10	7.3	.1<.05	6	.7	15.0
20000N 21920E	1.7	21.0	8.1	96	.4	5.1	6.1	404	5.82	34.6	.1	1.1	.4	24	.2	.7	.1	93	.40	.053	6	9.8	.18	77	.007	1	1.11	.006	.03	.3	.03	3.0	<.1<.05	8	.6	15.0
20000N 21940E	2.3	54.3	19.1	73	2.5	7.4	15.6	3071	2.41	40.3	.8	9.2	.2	205	1.9	1.0	.1	30	3.60	.211	13	10.0	.23	195	.009	3	1.68	.012	.03	.1	.23	4.0	.2 .17	4	3.8	7.5
20000N 21960E	1.3	15.5	3.6	24	.2	2.4	3.3	79	1.25	16.6	.1	2.4	.2	6	.1	.8	.1	74	.04	.018	7	2.8	.04	27	.007	2	.92	.006	.02	.2	.01	1.4	.1<.05	8	.5	15.0
20000N 21980E	3.4	39.8	22.1	126	2.5	9.8	18.5	3690	4.05	42.0	.9	8.4	.4	138	1.1	.8	.1	50	2.27	.270	15	14.4	.41	216	.009	4	2.54	.012	.05	.1	.24	7.3	.2 .15	5	3.1	7.5
RE 20000N 21780E	.9	37.0	182.4	145	.5	13.7	12.0	576	4.31	37.4	.3	6.0	.4	19	.2	.8	.1	64	.25	.062	5	15.9	.66	113	.012	1	2.49	.009	.04	.2	.04	4.7	.1<.05	7	<.5	15.0
20000N 22000E	1.8	31.4	17.7	83	.6	9.4	9.1	326	4.90	49.7	.3	4.0	.2	51	.3	1.0	.1	72	.68	.044	5	14.5	.41	102	.027	1	2.03	.008	.04	.3	.05	3.8	<.1<.05	8	.8	7.5
20000N 22020E	1.6	32.9	14.6	111	.2	10.1	8.9	508	3.63	30.1	.2	9.3	.2	37	.3	.7	.1	59	.56	.035	7	13.3	.52	137	.020	1	2.09	.008	.04	.3	.03	4.5	.1<.05	7	.7	15.0
20000N 22040E	1.2	35.1	27.0	63	.3	8.8	8.9	394	5.29	56.1	.2	12.6	.3	6	.2	1.2	.1	86	.05	.052	5	14.2	.43	51	.037	2	1.97	.007	.03	.2	.04	4.1	.1<.05	8	.5	15.0
20000N 22060E	1.1	27.7	13.4	67	.5	9.0	8.6	401	4.89	41.8	.1	4.6	.2	5	.1	.8	.1	86	.04	.070	5	14.5	.46	50	.054	1	2.01	.006	.04	.2	.03	3.5	.1<.05	8	<.5	15.0
20000N 22080E	1.4	29.0	16.9	50	.2	8.0	7.7	353	9.27	37.9	.2	1.4	.5	5	.1	1.1	.1	100	.05	.103	5	17.2	.36	44	.083	2	2.13	.006	.03	.3	.06	3.7	<.1<.05	9	.6	15.0
20000N 22100E	1.0	26.5	13.4	54	.2	7.3	7.6	393	4.66	33.0	.2	2.8	.2	5	.1	.9	.1	78	.06	.083	5	11.9	.35	46	.025	1	1.85	.006	.03	.3	.06	3.3	.1<.05	8	.7	15.0
20000N 22120E	1.1	23.5	19.2	52	.4	6.9	7.1	510	6.14	44.3	.2	5.6	.3	5	.1	1.2	.1	100	.08	.211	4	13.7	.33	32	.032	1	1.54	.006	.02	.3	.06	3.0	<.1<.05	7	.6	7.5
20000N 22140E	1.5	23.3	16.7	48	.2	5.9	6.4	606	5.30	28.8	.2	8.8	.3	4	.1	.9	.1	69	.04	.065	6	11.6	.23	33	.044	1	1.64	.007	.02	.3	.06	2.7	.1<.05	8	.6	15.0
20000N 22160E	1.3	28.4	24.5	66	.4	7.5	11.5	4740	7.40	79.8	.2	5.7	.3	5	.1	1.0	.1	83	.08	.214	4	15.8	.36	66	.052	2	1.72	.006	.03	2.3	.10	3.2	.1<.05	7	.5	15.0
20000N 22180E	1.4	39.3	26.9	71	.9	8.2	7.9	491	5.94	63.1	.2	4.5	.3	6	.2	1.0	.1	74	.06	.079	4	12.9	.29	73	.014	2	2.04	.006	.03	.3	.08	3.8	.1<.05	7	.5	7.5
20000N 22200E	1.8	33.8	13.6	61	.7	5.0	6.4	443	9.10	72.1	.2	2.3	.7	3	.1	.8	.1	63	.03	.042	5	12.0	.16	30	.015	1	1.64	.004	.02	.3	.05	4.0	.1<.05	6	.5	7.5
20000N 22220E	1.8	30.5	16.5	75	.9	10.6	9.4	446	3.75	27.7	.4	3.6	.6	34	.3	.4	.1	56	.35	.093	11	15.4	.39	86	.002	1	1.95	.008	.04	.1	.11	6.7	.1<.05	7	.8	7.5
20000N 22240E	1.5	47.4	25.3	82	.4	8.7	8.2	250	4.54	59.8	.3	7.9	.3	19	.7	.9	.1	49	.16	.052	9	12.5	.30	52	.014	1	2.27	.005	.02	.3	.07	3.7	<.1<.05	6	.9	15.0
20000N 22280E	1.1	21.5	12.1	114	.7	8.9	9.7	653	3.37	56.0	.3	3.1	.2	54	.2	.6	.1	45	.92	.049	6	13.2	.54	96	.033	2	1.60	.006	.03	.2	.04	4.4	<.1<.05	5	.6	15.0
20000N 22320E	1.1	31.9	19.0	53	.6	6.6	5.9	221	7.73	42.2	.3	6.2	.9	4	.1	1.0	.2	77	.04	.032	5	16.4	.29	35	.019	1	2.55	.005	.02	.3	.07	3.9	.1<.05	8	.8	15.0
20000N 22340E	1.5	24.7	11.7	70	.2	9.6	8.9	315	4.36	140.7	.1	2.0	.4	22	.3	2.4	.1	51	.32	.030	8	4.2	.05	54	.003	1	.68	.005	.02	.6	.02	4.7	.1<.05	5	.6	15.0
STANDARD DS5	13.1	147.0	25.6	137	.3	24.3	12.5	754	3.09	18.0	6.1	43.2	2.6	47	5.7	4.0	6.4	60	.77	.094	12	184.5	.68	137	.093	19	2.03	.035	.15	5.0	.17	3.6	1.0<.05	7	5.0	15.0

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

Data d FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
20000N 22360E	1.5	30.5	17.8	64	.5	6.2	5.3	194	8.28	93.9	.2	4.7	.6	4	.1	1.5	.2	108	.02	.026	6	17.1	.25	28	.041	2	1.83	.005	.02	.5	.06	3.1	.1	.09	12	.6	15.0
20000N 22380E	1.4	34.3	19.0	65	.8	7.0	6.6	254	7.33	59.4	.2	5.1	.8	4	.1	1.5	.1	81	.03	.067	6	18.8	.28	27	.033	1	1.76	.005	.02	.4	.08	3.5	.1	<.05	8	.5	15.0
20000N 22400E	1.7	29.3	39.5	99	3.0	8.3	7.2	309	5.63	99.9	.2	5.9	.5	5	.1	1.5	.1	75	.05	.047	6	15.7	.37	38	.024	1	1.98	.006	.03	.4	.08	3.4	.1	.06	8	.5	15.0
20000N 22420E	1.8	44.0	15.9	550	2.2	12.3	6.9	1940	3.05	54.0	.3	4.7	.4	60	2.2	1.8	.1	49	.95	.106	9	14.6	.52	185	.008	1	1.81	.007	.04	.3	.09	4.8	.1	.06	6	1.1	15.0
20000N 22440E	1.1	24.8	17.9	51	.8	5.5	5.7	241	5.72	91.4	.1	5.1	.4	4	.1	2.6	.1	87	.03	.098	6	11.6	.18	31	.023	1	1.56	.005	.02	.3	.05	2.7	.1	<.05	9	.5	15.0
20000N 22460E	1.2	23.5	36.8	93	.8	10.8	8.4	1022	10.45	59.4	.2	6.6	.8	6	.2	1.4	.2	108	.06	.178	4	25.4	.39	50	.045	1	2.72	.005	.03	.5	.09	3.4	.1	<.05	9	.6	15.0
20000N 22480E	1.4	27.4	26.4	91	1.3	6.9	7.6	525	6.24	41.6	.2	2.7	.6	7	.3	1.2	.1	92	.08	.063	6	13.3	.24	52	.022	<1	1.88	.005	.02	.3	.06	3.4	.1	<.05	8	<.5	15.0
20000N 22500E	1.2	20.2	22.9	53	.3	4.6	5.3	391	4.40	35.2	.2	1.4	.2	5	.1	1.5	.1	81	.04	.055	6	10.0	.18	66	.041	1	1.16	.006	.02	.3	.04	2.3	.1	<.05	7	<.5	15.0
20000N 22520E	1.1	22.1	21.6	57	1.2	4.7	5.1	282	3.75	35.1	.2	3.0	.1	8	.3	1.1	.1	78	.08	.051	7	7.9	.14	78	.023	1	1.40	.006	.03	.3	.06	2.3	.1	.06	8	<.5	15.0
20000N 22540E	1.9	31.0	40.4	200	.6	6.4	12.9	897	6.12	46.5	.3	2.9	.3	33	1.1	.9	.2	76	.53	.123	13	10.3	.20	113	.014	1	1.77	.007	.04	.3	.07	3.4	.1	<.05	9	<.5	15.0
20000N 22560E	.9	27.6	10.1	156	.2	6.7	6.7	489	2.16	86.9	.1	.7	.3	4	.1	1.0	.1	50	.08	.031	5	3.1	.03	45	.001	2	.63	.005	.04	.3	.02	3.0	.1	<.05	4	<.5	15.0
20000N 22580E	1.0	35.7	39.8	96	.6	6.6	6.4	209	3.01	181.7	.1	2.6	.4	21	.4	1.7	.1	44	.37	.039	8	3.7	.07	110	.003	1	.92	.005	.04	.3	.02	3.7	.1	<.05	5	.5	15.0
20000N 22600E	1.3	35.0	54.1	90	.5	9.6	8.8	405	7.52	84.8	.2	9.7	1.0	6	.2	2.0	.1	83	.07	.042	5	20.3	.41	53	.048	<1	2.39	.006	.02	.4	.06	4.6	.1	<.05	8	<.5	15.0
20000N 22620E	1.0	88.8	155.8	204	4.8	8.1	8.5	310	6.36	231.7	.2	70.8	.5	18	.5	9.6	.4	40	.26	.070	5	5.1	.07	92	.001	2	1.11	.004	.05	.3	.13	4.9	.2	<.05	5	1.6	15.0
20000N 22640E	1.1	34.1	8.7	64	.2	8.2	6.0	171	3.31	40.8	.1	<.5	.4	7	.1	1.9	.2	32	.12	.031	12	3.8	.06	36	.002	2	.56	.006	.04	.3	.01	3.9	.1	<.05	5	<.5	15.0
20000N 22660E	1.3	29.7	26.1	60	.5	5.3	5.7	360	6.10	159.8	.3	6.0	.2	6	.3	3.6	.2	68	.07	.067	6	7.6	.09	51	.008	1	1.10	.005	.03	.7	.05	2.3	.1	.06	7	.5	15.0
20000N 22680E	1.5	26.0	12.4	55	2.3	4.4	4.4	149	3.30	82.9	.1	1.8	.4	5	.2	1.8	.1	77	.08	.031	7	5.9	.05	59	.006	3	1.02	.005	.02	.5	.06	2.8	.1	<.05	6	<.5	15.0
20000N 22700E	1.7	111.1	76.9	208	6.9	23.2	20.0	3591	5.05	124.9	1.0	10.1	.7	90	2.3	2.9	.2	44	1.72	.154	27	15.5	.36	246	.005	2	2.52	.011	.06	.5	.21	13.7	.2	.06	5	1.3	7.5
20000N 22720E	1.2	27.8	23.9	66	.3	5.4	5.8	316	5.47	172.5	.1	9.5	.6	6	.1	2.1	.2	86	.08	.039	7	9.3	.09	61	.009	1	1.43	.006	.03	.3	.03	3.9	.1	<.05	9	<.5	7.5
RE 20000N 22720E	1.0	24.5	23.4	60	.3	5.0	5.4	288	4.97	159.6	.1	3.6	.5	5	.1	1.9	.1	74	.07	.035	6	7.7	.08	56	.007	1	1.29	.005	.03	.4	.04	3.6	.1	<.05	8	<.5	7.5
20000N 22740E	.9	24.3	42.1	83	.7	5.6	5.4	285	6.42	288.4	.2	17.4	.4	5	.2	2.2	.4	77	.06	.070	6	11.6	.11	51	.005	2	1.48	.006	.02	1.0	.07	3.2	.1	<.05	6	<.5	15.0
20000N 22760E	1.1	30.9	40.2	90	1.2	6.4	7.3	579	7.44	159.7	.2	6.7	.3	4	.3	1.8	.1	66	.04	.088	6	12.3	.16	39	.007	1	1.49	.006	.02	.5	.07	3.2	.1	<.05	6	.5	7.5
20000N 22780E	1.2	42.3	7.6	136	.3	15.4	16.4	343	3.97	60.6	.1	.6	.4	6	.1	3.0	.1	47	.09	.060	12	4.5	.05	32	.001	2	.54	.005	.03	.6	.02	7.6	.1	<.05	3	<.5	15.0
20000N 22800E	.9	31.9	26.6	138	.9	10.6	19.0	3886	4.77	36.2	.3	2.1	.5	44	.9	.7	.1	63	.90	.178	9	12.4	.48	177	.003	<1	2.12	.008	.05	.2	.07	4.8	.1	<.05	9	.7	7.5
20000N 22820E	.6	25.8	24.1	52	.7	2.5	3.5	151	4.20	17.6	.1	1.1	.5	4	.4	.9	.1	64	.05	.084	7	6.8	.07	48	.001	1	1.24	.006	.02	.3	.05	3.5	.1	<.05	7	<.5	7.5
20000N 22840E	1.1	18.8	17.9	47	1.1	4.0	4.1	231	3.05	165.6	.1	7.7	.1	3	.1	1.9	.1	60	.02	.082	7	4.3	.04	26	.005	2	.82	.006	.03	1.2	.06	1.7	.1	<.05	5	<.5	15.0
20000N 22860E	.8	23.7	30.0	71	1.4	8.2	6.6	380	5.44	103.3	.1	2.0	.5	2	.1	3.9	.1	55	.02	.121	8	5.9	.07	29	.004	2	1.16	.005	.03	.4	.04	4.9	.2	<.05	5	<.5	15.0
20000N 22880E	.9	22.2	30.5	133	.3	7.2	8.2	828	6.80	85.5	.1	68.0	.5	6	.2	1.8	.1	67	.09	.146	6	12.6	.27	51	.016	2	1.83	.006	.03	.4	.03	3.5	.1	<.05	8	.6	7.5
20000N 22900E	1.2	30.4	29.0	105	1.2	6.5	6.7	310	6.86	166.6	.1	5.4	.6	4	.2	2.2	.2	58	.02	.098	7	10.4	.19	52	.008	1	1.57	.005	.03	.3	.06	3.6	.1	<.05	7	.6	15.0
20000N 22920E	2.9	13.7	7.6	28	.4	3.2	3.1	94	1.40	100.3	.1	6.6	.3	1	.1	1.3	.1	31	.01	.018	5	1.7	.02	13	.005	2	.48	.005	.02	.3	.02	1.5	.1	<.05	5	<.5	15.0
20000N 22940E	1.1	27.6	30.2	115	.4	6.7	6.0	236	6.00	102.7	.1	16.7	.5	3	.4	1.8	.1	65	.03	.129	6	11.3	.21	35	.011	2	1.75	.005	.03	.4	.03	3.5	.1	<.05	6	<.5	15.0
20000N 22960E	1.2	31.5	59.1	209	1.7	8.0	7.8	292	6.17	65.0	.1	6.3	.6	4	.5	2.6	.1	66	.04	.074	6	13.2	.28	45	.008	1	2.21	.004	.03	.4	.07	4.2	.1	<.05	7	.6	15.0
20000N 22980E	1.1	50.0	48.9	139	.8	15.7	17.4	439	4.69	49.2	.2	21.8	.9	7	.3	1.8	.2	57	.08	.050	8	15.0	.56	58	.020	1	2.17	.006	.05	.3	.05	5.5	.1	<.05	5	.5	15.0
20000N 23000E	1.7	45.6	44.9	150	1.6	9.3	12.6	1367	4.02	80.5	.1	34.1	.2	19	.8	2.1	.7	52	.50	.064	7	7.0	.12	64	.008	1	.71	.005	.09	.5	.04	2.8	.1	<.05	4	.5	15.0
STANDARD DS5	13.1	147.1	23.9	139	.3	24.2	12.6	738	2.99	18.0	6.3	42.0	2.7	46	5.7	4.0	6.0	60	.73	.092	12	188.3	.68	134	.097	17	2.00	.033	.14	5.1	.17	3.6	1.1	<.05	7	4.8	15.0

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

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
20000N 23020E	1.5	49.0	33.6	114	.8	9.7	9.6	460	4.00	76.8	.1	9.2	.2	8	.5	1.8	.4	58	.14	.061	5	9.6	.21	69	.008	1	1.02	.006	.03	.7	.04	2.8	<.1	<.05	5	<.5	15.0
19900N 21000E	1.1	15.5	5.5	83	.3	2.8	12.5	313	4.76	41.0	.1	7.5	.5	4	.1	.5	.1	78	.05	.071	5	1.6	.07	27	<.001	2	.42	.004	.02	1.5	.02	3.6	.1	<.05	4	<.5	15.0
19900N 21020E	1.5	36.1	5.5	48	.3	6.9	9.3	150	2.64	25.1	.2	2.7	.1	7	.1	.7	.1	57	.02	.058	9	4.2	.04	19	.005	2	.44	.004	.02	.2	.02	1.5	.1	<.05	7	<.5	15.0
19900N 21040E	1.1	39.9	56.4	102	.3	7.5	6.6	533	8.68	124.9	.1	19.4	.6	7	.2	2.1	.2	80	.05	.099	5	14.4	.19	39	.004	1	1.49	.005	.02	.4	.08	3.8	.1	.06	8	.5	7.5
19900N 21060E	1.0	43.9	42.9	133	.6	12.2	12.2	703	4.50	83.3	.1	37.5	.7	7	.2	2.0	.2	47	.09	.064	8	11.8	.40	59	.004	<1	1.42	.006	.04	.8	.04	4.8	.1	<.05	5	<.5	7.5
19900N 21080E	.8	40.9	18.6	64	.7	6.4	11.1	1169	6.01	49.7	.1	20.2	.6	7	.2	.9	.2	54	.07	.102	5	7.5	.06	42	.002	2	.70	.006	.03	.3	.08	3.2	.1	<.05	7	<.5	7.5
19900N 21100E	2.3	29.5	24.7	72	.8	10.2	13.6	308	5.48	99.3	.1	31.3	.4	2	.1	2.2	.1	122	.03	.064	4	8.9	.09	21	.003	<1	.93	.004	.02	.3	.03	3.6	.1	<.05	8	<.5	7.5
19900N 21120E	1.2	18.7	6.4	27	.4	12.4	12.1	342	3.84	52.9	.1	14.3	.3	18	.1	.5	.1	84	.17	.069	4	6.0	.11	32	.002	<1	.94	.004	.02	.2	.02	3.9	.1	<.05	6	<.5	15.0
19900N 21140E	.7	18.3	8.5	42	.2	3.2	2.6	111	1.88	41.8	<.1	8.7	.2	3	<.1	1.1	.1	29	.01	.024	4	2.6	.03	12	.008	1	.32	.003	.01	.3	.02	1.4	.1	<.05	3	<.5	7.5
19900N 21160E	1.3	40.5	56.3	201	1.3	9.1	16.0	914	7.47	123.6	.2	26.8	.6	8	.4	.5	.2	65	.09	.096	6	12.5	.28	88	.002	<1	2.03	.006	.03	.3	.06	4.2	.1	<.05	8	.5	15.0
19900N 21180E	1.2	29.1	31.9	85	.3	6.1	7.6	566	3.29	98.1	.1	21.6	.2	9	.2	1.6	.2	57	.10	.044	8	6.0	.14	36	.012	<1	.97	.006	.04	.5	.01	3.0	.1	<.05	6	<.5	15.0
19900N 21200E	1.6	24.1	33.2	56	.9	4.4	4.8	236	3.79	71.0	.2	43.0	.3	5	.2	1.7	.2	66	.02	.061	7	5.2	.06	30	.013	1	1.29	.006	.02	.7	.05	2.3	.1	<.05	9	<.5	15.0
19900N 21220E	1.1	31.4	33.8	79	.4	6.2	5.9	286	4.68	74.8	.2	35.8	.6	5	.1	1.6	.1	63	.02	.052	8	8.9	.19	40	.007	1	1.51	.006	.03	.4	.06	3.2	.1	<.05	7	<.5	15.0
19900N 21240E	1.4	30.1	32.2	60	.6	4.6	5.4	388	3.40	83.8	.1	21.6	.1	10	.1	1.7	.2	76	.04	.041	8	4.5	.06	44	.011	1	1.03	.006	.03	.6	.02	1.9	.1	<.05	8	<.5	15.0
19900N 21260E	.9	33.1	6.6	59	.2	11.4	12.2	415	4.36	23.4	.1	<.5	.5	8	.1	1.4	.1	79	.13	.058	8	9.8	.07	45	.002	<1	.76	.005	.02	.2	.02	2.9	.1	<.05	6	<.5	7.5
19900N 21280E	1.7	34.8	32.5	90	.1	4.7	9.4	1021	6.81	53.3	.2	10.9	.2	5	.2	1.0	.7	75	.05	.106	9	8.3	.09	55	.010	<1	1.25	.005	.03	.4	.03	2.2	.1	<.05	12	<.5	15.0
19900N 21300E	1.2	30.6	22.9	137	1.1	7.1	7.9	419	3.82	53.8	.2	21.9	.4	23	.7	.7	.2	48	.29	.063	8	9.8	.31	66	.006	1	1.58	.008	.04	.4	.06	3.2	.1	<.05	7	<.5	7.5
19900N 21320E	2.5	89.1	88.9	283	2.7	17.3	35.2	1174	5.55	180.9	.6	93.6	1.1	30	.6	1.5	.2	59	.35	.072	7	18.2	.41	190	.002	1	3.19	.010	.06	.4	.29	10.9	.2	.06	7	1.6	7.5
19900N 21340E	1.6	43.0	23.9	140	.9	6.8	8.5	431	3.69	166.5	.3	16.2	.2	104	.7	1.1	.1	40	1.95	.072	7	8.3	.22	108	.006	1	1.13	.008	.04	.3	.07	3.6	.1	.10	5	.9	15.0
19900N 21360E	1.8	140.2	119.9	385	5.9	22.5	22.2	3177	5.13	370.0	1.0	98.5	.6	109	3.9	2.1	.2	47	1.74	.159	18	15.0	.51	179	.008	1	2.31	.012	.07	.4	.19	12.8	.2	.08	5	2.3	15.0
19900N 21380E	1.8	105.4	88.5	38	2.8	10.4	8.0	1541	1.49	41.2	.9	20.1	.1	224	1.4	1.9	<.1	10	4.74	.110	10	4.7	.18	127	.009	3	.72	.010	.01	.1	.21	1.9	.1	.16	2	4.2	1.0
RE 19900N 21380E	1.8	102.3	86.9	36	2.7	9.8	7.8	1416	1.40	40.5	.9	20.6	.1	221	1.5	1.9	.1	10	4.63	.110	9	4.8	.18	122	.009	3	.70	.010	.01	.1	.21	1.8	.1	.20	2	4.1	1.0
19900N 21400E	2.2	89.5	59.1	210	5.0	13.5	13.0	1113	5.33	126.1	.9	40.2	.4	90	1.8	1.6	.2	44	1.69	.112	14	12.1	.33	117	.010	1	1.67	.009	.04	.2	.14	6.2	.1	<.05	5	1.8	15.0
19900N 21420E	1.7	138.7	257.0	235	7.0	22.4	28.5	2135	5.04	141.7	1.3	65.5	.6	104	1.9	2.4	.2	42	1.94	.158	18	15.1	.41	184	.005	2	2.27	.011	.06	.4	.21	10.5	.2	.10	5	2.8	7.5
19900N 21440E	1.5	40.6	86.7	109	2.2	5.7	7.9	265	6.59	165.3	.8	144.6	.9	8	.5	1.0	.3	60	.10	.062	9	10.6	.17	49	.006	<1	1.79	.005	.03	.4	.11	4.7	.1	<.05	7	.8	15.0
19900N 21460E	1.7	24.5	54.7	71	.7	4.4	5.3	326	5.95	314.1	.2	50.6	.4	4	.2	1.2	.2	81	.04	.043	9	8.3	.14	43	.012	2	1.53	.006	.03	.4	.04	2.3	.1	<.05	12	<.5	15.0
19900N 21480E	.9	28.7	34.6	114	.3	8.7	13.1	641	4.99	131.4	.2	7.4	.4	39	.4	.9	.1	32	.70	.084	9	4.8	.14	114	.001	<1	.99	.004	.05	.2	.04	5.0	.1	<.05	4	.5	15.0
19900N 21500E	.9	43.5	58.6	80	1.7	8.9	9.4	410	8.35	118.2	.3	36.0	.7	5	.3	2.3	.1	79	.05	.039	5	17.8	.33	52	.024	1	2.17	.006	.03	.3	.11	4.3	.1	<.05	7	<.5	15.0
19900N 21520E	1.1	36.3	102.2	161	.9	7.5	8.9	781	5.38	117.9	.2	43.2	.3	7	.3	1.8	.1	69	.08	.099	5	10.7	.27	72	.012	1	1.62	.007	.04	.5	.07	3.3	.1	<.05	7	<.5	7.5
19900N 21540E	1.3	100.1	202.9	393	11.9	28.1	21.6	6421	5.45	125.9	.7	84.1	1.1	58	5.6	1.3	.1	57	.85	.235	27	18.8	.59	315	.004	2	4.28	.012	.10	.3	.28	12.0	.3	.09	7	1.7	15.0
19900N 21560E	.9	22.4	22.3	53	.4	5.1	4.8	354	3.48	43.9	.1	5.9	.1	6	.1	1.5	.1	56	.07	.084	7	6.3	.10	32	.008	3	.83	.006	.03	.2	.05	1.7	.1	<.05	6	<.5	15.0
19900N 21580E	1.0	17.1	13.6	30	2.4	3.4	3.5	262	3.26	18.1	.2	1.8	.2	4	.1	.8	.1	65	.04	.089	5	6.7	.11	32	.036	1	1.19	.006	.02	.3	.07	1.9	.1	.07	7	<.5	15.0
19900N 21600E	1.2	33.0	136.7	81	1.0	5.8	6.6	428	9.06	158.9	.2	20.9	.2	5	.2	3.2	.2	87	.05	.187	5	11.9	.18	28	.019	1	1.41	.005	.04	.5	.08	2.7	.1	<.05	8	.5	15.0
19900N 21620E	3.4	33.7	21.6	49	.4	8.8	6.7	262	9.78	27.4	.2	2.3	.7	4	.2	1.3	.3	94	.03	.039	5	21.6	.32	46	.032	1	2.15	.005	.02	.3	.09	3.9	.1	<.05	8	.5	15.0
STANDARD DS5	12.3	145.4	25.3	139	.3	24.0	12.2	735	3.04	17.7	6.2	41.2	2.6	47	5.4	4.0	6.3	60	.77	.093	11	178.5	.68	132	.096	17	2.00	.032	.15	5.1	.17	3.3	1.1	<.05	7	4.9	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19900N 21660E	1.8	28.9	15.7	53	3.1	7.1	6.9	292	6.64	67.6	.2	7.3	.7	7	.2	1.2	.2	86	.06	.028	5	15.6	.30	53	.029	4	1.82	.006	.02	.3	.08	3.8	.1	.07	10	.5	15.0
19900N 21680E	1.4	36.3	47.5	98	1.8	10.3	9.3	542	5.41	91.2	.3	51.2	.5	10	.3	1.4	.1	61	.08	.055	5	14.9	.35	76	.011	2	1.92	.006	.03	.4	.14	3.8	.1	.07	6	.5	7.5
19900N 21700E	4.8	91.2	46.6	123	3.3	9.9	12.2	3529	2.58	82.3	2.7	21.4	.7	169	1.1	1.6	.1	27	3.39	.233	34	14.9	.24	231	.008	4	2.23	.008	.03	.1	.31	14.9	.2	.27	3	4.7	7.5
19900N 21720E	1.1	27.2	10.6	45	.3	8.3	6.5	315	6.04	18.1	.3	<.5	.6	6	.2	.7	.1	80	.09	.040	5	17.3	.34	43	.058	2	2.08	.005	.02	.3	.08	4.1	<.1	<.05	8	.6	15.0
19900N 21740E	1.0	20.0	10.9	105	1.9	8.4	8.0	639	3.44	17.5	.2	3.5	.2	20	.3	.6	.2	63	.28	.052	7	11.3	.45	97	.021	2	1.80	.007	.03	.2	.05	2.6	.1	<.05	9	.5	15.0
19900N 21760E	1.1	16.6	13.2	36	.4	4.6	4.2	233	3.24	16.8	.2	1.2	.3	4	.1	.6	.2	84	.06	.050	7	8.7	.18	28	.054	2	1.14	.006	.03	.2	.05	1.9	<.1	<.05	9	<.5	7.5
19900N 21780E	.9	20.5	9.5	82	.3	10.7	9.6	754	3.60	12.8	.2	.5	.2	31	.2	.6	.1	65	.45	.056	7	14.7	.60	105	.041	1	1.90	.007	.03	.2	.05	3.6	.1	<.05	7	<.5	15.0
19900N 21800E	.9	22.0	8.7	54	.5	9.7	6.9	339	3.81	16.1	.2	.7	.3	7	.2	.6	.1	71	.10	.057	5	14.2	.49	45	.060	2	1.71	.006	.02	.3	.06	3.3	<.1	<.05	8	<.5	15.0
19900N 22200E	1.2	15.6	8.4	36	.2	4.6	4.7	330	4.61	21.4	.2	<.5	.2	4	.1	.7	.1	87	.03	.073	5	10.8	.18	24	.036	2	1.23	.006	.02	.2	.07	1.8	<.1	<.05	8	<.5	15.0
19900N 22220E	1.1	14.5	7.0	32	.4	3.6	4.4	256	3.28	13.7	.1	<.5	.1	4	<.1	.7	.1	79	.03	.067	7	6.2	.08	23	.023	1	.90	.006	.02	.2	.04	1.5	.1	<.05	8	<.5	15.0
19900N 22240E	1.3	24.8	14.8	54	1.2	7.4	7.5	616	5.13	23.3	.2	1.5	.4	5	.1	.9	.1	79	.06	.063	5	13.6	.28	47	.039	1	1.72	.005	.02	.2	.07	3.1	.1	<.05	7	<.5	15.0
19900N 22260E	1.1	29.2	13.9	65	1.0	8.7	8.4	458	6.94	38.0	.3	3.0	1.0	5	.2	.9	.1	83	.04	.028	5	20.8	.42	50	.081	2	2.70	.005	.02	.4	.13	4.5	.1	.06	8	.6	15.0
19900N 22280E	1.7	20.1	11.0	33	.8	3.1	3.8	137	2.52	37.4	.1	5.9	.3	23	.2	1.0	.2	96	.35	.019	7	5.9	.07	72	.029	1	1.08	.007	.02	.2	.03	2.0	.1	<.05	10	<.5	15.0
19900N 22300E	2.3	48.0	31.1	131	2.5	11.1	10.7	4386	2.42	77.6	1.4	53.0	.3	155	2.1	1.2	.1	32	2.67	.169	17	10.9	.30	198	.010	2	1.87	.011	.03	.1	.17	5.7	.2	.17	4	3.0	1.0
19900N 22320E	1.4	32.3	14.4	51	1.8	6.0	5.3	337	4.35	30.1	.5	1.9	.1	13	.5	.7	.2	96	.16	.038	9	11.9	.17	68	.024	<1	2.12	.007	.02	.3	.07	2.9	<.1	<.05	10	.5	15.0
19900N 22340E	4.6	100.9	58.1	105	1.4	12.7	24.8	3009	4.77	120.1	1.5	13.7	.5	105	.8	1.1	.1	57	1.59	.108	26	14.5	.39	122	.015	2	2.30	.012	.04	.2	.22	9.2	.1	.10	6	2.0	7.5
19900N 22360E	.8	60.6	18.5	66	.9	9.4	9.2	1046	2.24	43.3	.8	9.4	.4	123	1.0	1.0	.1	28	2.56	.090	13	9.9	.34	132	.011	3	1.31	.008	.03	.1	.14	4.2	.1	.14	3	1.4	7.5
19900N 22380E	2.5	102.9	46.7	103	3.5	16.8	24.0	5322	3.21	68.4	1.4	12.1	.7	125	2.5	1.5	.1	41	2.60	.188	23	14.5	.44	246	.012	2	2.25	.013	.06	.1	.26	9.7	.5	.19	6	2.4	7.5
RE 19900N 22260E	1.1	32.4	14.3	67	1.0	9.2	8.5	473	7.27	40.8	.3	3.6	1.1	5	.2	.9	.1	88	.05	.029	5	21.5	.44	54	.091	1	2.80	.006	.02	.4	.14	5.0	.1	<.05	8	.6	15.0
19900N 22420E	1.8	68.9	165.8	151	2.2	13.6	16.0	1464	3.76	45.5	.9	7.7	.6	114	1.1	.8	.1	51	1.91	.171	20	16.3	.47	196	.006	1	2.74	.012	.05	.1	.21	7.3	.1	.12	6	1.4	7.5
19900N 22440E	1.0	35.8	14.5	69	.7	9.2	8.8	359	6.36	32.1	.2	1.4	.8	5	.2	1.0	.1	83	.05	.056	6	18.7	.36	49	.045	1	2.85	.006	.02	.2	.09	5.1	<.1	<.05	8	.6	15.0
19900N 22460E	1.2	20.2	12.5	44	.6	5.8	5.1	244	2.45	18.7	.2	2.1	<.1	7	.1	.6	.1	74	.06	.035	5	10.1	.27	51	.012	<1	1.66	.009	.04	.2	.04	1.7	.1	<.05	8	<.5	7.5
19900N 22480E	1.2	28.1	17.2	103	.6	11.4	13.7	1057	4.21	30.4	.2	1.1	.1	15	.2	1.0	.1	78	.20	.036	7	16.3	.55	98	.017	1	2.08	.008	.05	.2	.03	3.0	.1	<.05	9	<.5	15.0
19900N 22500E	1.8	38.2	15.3	1058	1.6	12.3	9.7	3394	3.75	46.2	.4	3.3	.4	54	23.4	2.1	.1	58	.93	.089	9	15.9	.59	227	.011	2	2.10	.008	.05	.2	.10	5.6	.1	.07	7	1.3	15.0
19900N 22520E	1.3	34.3	29.3	93	1.0	7.8	6.7	295	4.23	63.8	.4	3.5	.3	21	.7	1.0	.1	69	.32	.050	6	13.1	.27	81	.011	1	1.82	.010	.03	.2	.09	2.8	.1	<.05	7	.5	15.0
19900N 22540E	1.0	140.0	74.5	248	2.3	15.2	9.2	368	3.60	128.4	.6	7.0	.3	42	4.0	1.5	.2	59	.62	.066	15	13.7	.34	143	.008	<1	1.85	.010	.05	.2	.08	4.0	.1	<.05	8	<.5	7.5
19900N 22560E	.8	22.8	45.8	235	.6	10.8	10.5	1090	3.71	67.5	.2	30.0	.3	33	.7	.8	.1	67	.45	.046	8	14.7	.57	130	.017	1	1.93	.007	.04	.2	.03	3.9	.1	<.05	8	<.5	15.0
19900N 22580E	1.1	24.5	74.8	252	1.2	5.2	11.2	1332	3.78	75.4	.2	2.7	.1	12	1.7	1.3	.2	82	.18	.071	7	8.0	.14	55	.017	1	1.26	.006	.03	.3	.05	1.6	.1	<.05	8	<.5	15.0
19900N 22600E	.8	36.9	19.1	188	1.0	12.2	13.3	1145	5.59	64.9	.3	67.1	.6	9	.6	1.2	.1	72	.13	.127	8	15.3	.53	89	.013	1	2.18	.005	.04	.3	.06	4.6	.1	<.05	8	<.5	15.0
19900N 22620E	1.2	39.0	39.9	90	.7	11.3	11.8	886	8.62	46.3	.3	1.2	.8	5	.2	1.2	.1	102	.06	.053	6	19.4	.48	74	.032	<1	2.64	.006	.03	.3	.10	5.2	.1	<.05	10	.7	15.0
19900N 22640E	1.0	25.6	25.1	50	.4	4.5	4.9	199	5.20	59.2	.2	4.6	.8	7	.1	1.0	.1	82	.04	.032	7	10.6	.13	51	.014	1	1.44	.007	.03	.4	.08	3.3	.1	<.05	7	<.5	15.0
19900N 22660E	1.0	39.1	47.6	190	1.0	14.3	10.6	501	5.33	92.3	.2	18.2	.6	25	.2	1.3	.1	68	.36	.036	5	15.8	.53	136	.013	1	2.04	.007	.03	.2	.05	4.9	.1	<.05	7	<.5	7.5
19900N 22680E	1.1	28.7	39.5	65	1.2	6.6	6.1	251	4.85	289.8	.2	10.6	.3	9	.3	1.2	.1	65	.09	.043	6	10.7	.21	72	.009	1	1.61	.007	.03	.2	.06	2.9	.1	.06	7	.5	15.0
19900N 22700E	1.0	35.4	20.8	136	1.1	11.5	9.8	380	4.32	55.2	.3	3.5	.4	40	.4	1.1	.1	70	.68	.059	9	14.3	.50	144	.011	<1	2.28	.010	.04	.3	.05	5.5	.1	.09	8	<.5	15.0
STANDARD DS5	12.3	144.6	25.4	139	.3	25.9	12.3	790	3.01	18.8	6.1	42.2	2.7	47	5.4	3.7	6.0	63	.72	.086	12	189.2	.67	136	.097	19	2.00	.032	.14	4.7	.17	3.3	1.1	<.05	7	4.9	15.0

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19900N 22720E	1.3	27.0	16.7	85	.5	9.0	8.6	533	6.86	29.1	.3	3.5	.4	12	.2	1.1	.1	79	.19	.047	5	15.6	.42	68	.037	3	2.13	.007	.02	.2	.06	3.6	<.1	<.05	8	.7	15.0
19900N 22740E	1.3	24.4	11.9	40	.3	4.1	4.9	226	4.60	54.1	.2	1.8	.5	4	.1	1.1	.2	109	.03	.023	5	9.6	.13	44	.036	2	1.32	.006	.03	.3	.05	3.2	<.1	<.05	9	<.5	15.0
19900N 22760E	1.1	38.6	19.5	82	.5	11.4	11.2	524	6.78	22.5	.3	2.1	.8	8	.2	1.1	.1	65	.09	.042	5	19.0	.53	78	.042	2	2.72	.007	.03	.3	.10	5.2	<.1	<.05	6	.8	15.0
19900N 22780E	1.1	23.0	10.9	29	.4	2.7	2.8	101	2.18	17.4	.2	1.4	.2	7	.1	1.0	.2	68	.08	.029	9	4.8	.03	72	.006	2	.80	.007	.03	.3	.03	1.6	.1	<.05	6	.5	15.0
19900N 22800E	.9	10.4	5.1	29	.2	3.1	3.0	136	1.36	17.7	.1	1.9	.1	8	.2	.8	.1	50	.09	.011	8	3.0	.03	39	.008	4	.55	.007	.02	.3	.01	.9	.1	<.05	6	<.5	15.0
19900N 22820E	1.2	37.6	50.0	72	1.3	7.5	7.3	353	8.92	231.7	.2	9.0	.4	5	.3	2.5	.2	72	.06	.067	4	14.9	.15	46	.008	2	1.62	.005	.02	.3	.07	3.9	.1	<.05	6	.9	7.5
19900N 22840E	1.2	107.3	235.5	356	4.5	15.1	16.0	1324	3.90	65.2	.5	9.7	.4	70	3.8	2.0	.1	51	1.45	.120	17	15.6	.46	144	.007	2	2.11	.010	.05	.2	.20	7.0	.1	.06	5	1.2	7.5
19900N 22860E	1.5	87.7	185.6	327	7.5	21.3	18.9	1587	5.09	113.2	.7	13.1	.8	69	2.2	2.1	.2	61	1.34	.145	21	18.1	.57	247	.005	2	3.40	.013	.08	.2	.25	12.0	.2	.07	7	1.3	15.0
19900N 22880E	1.2	25.9	53.3	148	.7	5.9	5.5	617	3.31	80.4	.1	2.7	.4	44	1.7	1.5	.1	60	.85	.040	9	7.2	.13	137	.006	2	1.15	.007	.04	.4	.03	2.7	.1	<.05	5	.5	15.0
19900N 22900E	1.0	22.7	30.8	182	.5	4.8	5.8	544	3.22	57.6	.1	1.2	.5	34	1.0	1.0	.2	47	.57	.039	10	7.4	.14	131	.004	2	1.08	.008	.04	.2	.03	3.3	.1	<.05	5	<.5	15.0
19900N 22920E	1.0	30.5	13.5	73	.7	4.8	4.3	193	3.37	32.5	.1	3.0	.6	14	.7	1.3	.1	74	.26	.062	8	6.2	.13	90	.005	3	1.03	.005	.10	.3	.08	3.2	.1	<.05	5	<.5	15.0
19900N 22940E	1.1	54.3	92.7	259	2.3	14.6	15.9	483	5.58	177.2	.1	27.1	.8	6	.8	4.7	.4	41	.12	.036	7	6.9	.13	55	.002	2	1.28	.004	.06	.3	.06	6.5	.1	<.05	4	.5	7.5
19900N 22960E	1.5	46.3	63.7	130	4.0	11.2	10.2	287	4.62	140.7	.1	34.2	.8	7	.4	4.0	.2	40	.15	.038	7	8.2	.24	38	.005	2	1.22	.005	.06	.3	.04	4.5	.1	<.05	4	.6	15.0
19900N 22980E	1.2	38.0	40.5	143	.8	8.9	8.2	306	5.31	133.6	.1	16.4	.6	4	.5	2.6	.2	55	.04	.076	7	8.8	.17	54	.008	2	1.43	.006	.04	.4	.03	3.9	.1	<.05	5	<.5	15.0
19900N 23000E	1.3	48.2	41.8	136	1.2	13.4	13.4	752	5.29	78.2	.2	16.0	.7	9	.6	2.4	.3	49	.19	.098	5	14.1	.43	64	.009	2	1.59	.005	.05	.4	.06	5.0	.1	<.05	4	<.5	7.5
19900N 23020E	1.2	51.6	57.1	174	.9	17.2	14.7	642	4.57	104.0	.2	79.0	1.0	9	.8	2.6	.3	46	.14	.064	8	14.0	.47	54	.012	2	1.72	.005	.04	.4	.04	5.8	.1	<.05	4	.8	15.0
19900N 23040E	1.4	65.8	70.6	188	1.7	22.7	22.3	1479	5.46	101.7	.2	46.9	1.1	18	.8	2.8	.6	48	.34	.084	10	16.8	.57	75	.011	<1	1.81	.005	.06	.5	.05	8.6	.1	<.05	4	.5	15.0
19800N 21000E	.8	42.0	178.5	524	.8	11.3	11.2	1174	4.37	724.4	.2	64.8	.3	11	2.0	1.9	.4	29	.15	.062	5	4.9	.08	41	.004	2	.50	.008	.04	.3	.10	4.7	<.1	<.05	3	.5	1.0
19800N 21020E	1.2	51.1	210.1	734	.9	10.8	14.1	2282	4.27	536.5	.3	46.3	.4	68	4.8	1.7	1.1	38	1.26	.060	6	11.4	.31	87	.008	2	1.39	.008	.04	.4	.06	4.7	.1	<.05	5	.7	7.5
19800N 21040E	1.1	49.7	225.5	335	1.1	8.9	11.9	695	4.11	451.8	.2	130.5	.3	59	2.2	1.8	1.7	35	.89	.056	7	7.4	.17	88	.005	1	1.10	.007	.03	.5	.08	3.0	.1	.07	4	.8	7.5
RE 19900N 23040E	1.4	63.9	69.2	185	1.7	21.5	21.2	1436	5.26	100.2	.2	36.1	1.1	18	.9	2.7	.6	46	.33	.081	10	16.4	.55	72	.012	2	1.74	.006	.06	.4	.05	7.9	.1	<.05	4	.5	15.0
19800N 21060E	1.4	33.0	107.8	97	.6	7.4	7.9	300	3.50	762.3	.1	661.7	.6	13	.2	2.4	.5	24	.02	.033	8	3.0	.04	21	.002	2	.48	.004	.03	.4	.03	2.9	.1	<.05	3	<.5	15.0
19800N 21080E	1.9	25.3	16.3	74	.2	7.0	8.8	787	3.69	96.5	.1	5.7	.4	13	.2	.9	.2	42	.15	.046	6	5.8	.07	40	.018	1	.68	.006	.04	.4	.03	2.6	.1	<.05	8	.5	7.5
19800N 21100E	1.1	67.8	68.6	194	2.5	16.9	12.6	1168	4.78	88.7	.5	24.7	.6	57	.8	1.6	.2	56	.86	.083	12	14.2	.45	114	.004	1	2.49	.009	.05	.2	.10	6.7	.1	<.05	7	.8	15.0
19800N 21120E	1.0	46.1	87.5	126	.8	9.9	10.3	884	7.26	152.4	.3	36.9	.4	7	.5	1.8	.3	65	.07	.085	8	13.0	.28	61	.008	1	2.01	.007	.03	.4	.07	3.8	.1	<.05	7	.7	7.5
19800N 21140E	1.2	50.7	58.5	177	2.1	14.8	11.7	506	4.65	68.6	.4	46.2	.6	17	.4	1.1	.2	48	.18	.105	10	15.7	.45	75	.005	2	2.36	.008	.04	.5	.14	8.0	.1	<.05	5	.8	15.0
19800N 21160E	.7	14.0	15.1	65	.5	3.2	3.4	438	1.40	26.5	.1	4.0	.1	109	.4	.6	.1	20	2.25	.058	3	4.9	.13	98	.005	4	.57	.010	.04	.2	.09	1.3	<.1	.12	2	.5	1.0
19800N 21180E	1.5	36.4	43.0	125	1.1	9.4	10.9	1046	2.74	48.9	.3	31.2	.2	130	1.1	1.4	.1	30	2.62	.085	4	9.6	.33	147	.008	3	1.11	.010	.04	.4	.08	3.8	.1	.09	3	2.1	7.5
19800N 21200E	2.4	106.1	22.5	29	3.5	7.8	3.8	1922	.74	20.8	3.5	23.1	.2	209	1.6	1.4	.1	4	4.91	.133	27	9.5	.10	94	.005	5	1.36	.013	.02	<.1	.28	5.7	.1	.18	<1	8.6	7.5
19800N 21220E	4.1	100.2	51.3	177	9.2	18.4	19.2	3194	3.50	70.0	2.8	63.7	.8	77	5.1	1.6	.1	30	1.34	.213	49	18.9	.23	125	.006	2	3.53	.011	.05	.2	.38	17.9	.1	.11	4	4.9	7.5
19800N 21240E	1.3	28.4	20.1	52	.7	4.6	5.3	260	3.26	87.6	.1	42.3	.2	5	.1	1.7	.2	61	.07	.057	7	5.6	.07	24	.005	3	.87	.005	.03	.5	.05	2.4	.1	<.05	6	<.5	7.5
19800N 21260E	1.9	30.0	18.5	55	.5	5.0	7.5	430	5.37	218.0	.1	40.4	.2	5	.2	1.2	.3	71	.07	.097	6	6.8	.07	34	.005	3	.92	.006	.04	.4	.07	2.5	.1	<.05	6	<.5	7.5
19800N 21280E	1.6	30.2	34.7	130	1.2	6.9	11.1	1252	5.02	116.5	.2	24.1	.2	11	.3	1.5	.3	66	.08	.083	7	9.3	.24	75	.009	1	1.60	.006	.04	.7	.05	2.5	.1	<.05	8	<.5	15.0
19800N 21300E	4.0	35.9	44.9	116	2.2	14.5	35.4	8095	5.41	69.2	.5	8.0	.3	41	1.1	1.1	.2	55	.94	.231	10	17.4	.26	78	.008	2	2.65	.008	.05	.2	.17	4.6	.1	.06	6	.7	7.5
STANDARD DS5	12.8	145.5	25.3	139	.3	24.8	12.3	797	3.03	18.1	6.3	41.1	2.7	47	5.7	4.0	6.0	62	.76	.091	12	187.9	.68	135	.101	17	1.95	.034	.15	4.8	.17	3.4	1.1	<.05	6	5.1	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19800N 21320E	3.1	193.2	5.3	159	4.2	41.4	14.3	10680	1.28	11.7	.6	23.2	.3	222	6.5	1.3	.1	3	4.52	.201	19	5.8	.14	206	.004	4	1.64	.018	.07	.2	.32	5.1	.3	.24	<1	6.2	7.5
19800N 21340E	1.4	67.9	65.7	145	4.9	19.1	10.8	1099	3.84	90.7	.6	93.5	.4	84	1.1	1.2	.4	37	1.46	.122	15	9.6	.28	114	.005	<1	1.91	.009	.05	1.1	.17	6.7	.1	.12	4	2.1	7.5
19800N 21360E	1.7	55.4	101.5	176	2.4	14.2	14.6	2112	3.89	91.8	.7	41.3	.7	109	1.7	1.2	.1	46	1.74	.097	16	15.1	.47	196	.008	<1	2.41	.009	.06	.2	.17	11.1	.1	.11	5	3.0	15.0
19800N 21380E	1.7	29.3	73.9	128	.7	9.3	8.3	356	3.79	87.2	.4	35.0	.3	82	.5	1.1	.1	59	1.34	.061	8	12.1	.36	121	.008	<1	1.80	.010	.04	.3	.08	4.9	.1	.07	6	1.2	15.0
19800N 21400E	2.0	29.0	37.8	93	.5	6.9	8.2	403	5.17	74.9	.2	11.8	.4	48	.2	1.2	.1	83	.61	.038	7	11.4	.26	92	.016	<1	1.70	.008	.04	.3	.03	3.9	.1	<.05	8	<.5	15.0
19800N 21420E	1.1	38.6	55.7	125	2.7	9.5	10.6	1135	2.95	96.6	.4	27.4	.2	160	1.1	.9	.1	38	2.79	.123	6	9.8	.34	175	.008	1	1.42	.010	.04	.4	.17	4.8	.1	.14	4	2.8	15.0
19800N 21440E	.9	18.4	31.8	53	1.0	3.6	4.4	151	2.80	43.2	.3	9.6	.1	59	.5	.9	.1	56	.78	.043	7	7.1	.19	122	.014	<1	1.44	.010	.03	.3	.06	2.3	.1	.07	7	.5	15.0
19800N 21460E	.5	27.7	13.4	35	1.1	4.3	2.5	1136	.52	12.9	.4	7.9	.1	225	1.3	.9	.1	4	5.19	.130	9	4.0	.20	140	.003	5	.56	.013	.02	.2	.14	1.4	.1	.21	<1	2.1	7.5
19800N 21480E	1.0	37.2	20.0	33	1.1	5.8	6.0	2416	1.26	28.8	.5	10.5	<.1	176	.9	1.4	.1	7	3.96	.094	7	3.7	.17	169	.003	4	.43	.014	.03	.1	.14	.9	.1	.25	1	3.0	1.0
19800N 21500E	.3	9.0	4.3	21	1.2	2.0	1.3	100	.44	4.5	.1	40.1	.2	136	.3	.3	.1	6	2.97	.051	1	2.3	.18	73	.005	3	.17	.010	.03	.2	.12	1.0	<.1	.14	1	.7	1.0
19800N 21520E	.9	24.5	36.3	83	.4	10.2	6.6	359	6.23	45.6	.3	5.1	.5	7	.2	.8	.1	79	.07	.068	5	17.3	.39	54	.028	<1	1.92	.008	.03	.3	.10	4.2	.1	<.05	8	.5	15.0
19800N 21540E	1.7	60.6	66.0	244	2.8	16.5	13.2	3753	6.49	257.4	.6	51.4	.7	55	1.7	1.7	.2	67	.82	.164	16	18.2	.57	173	.013	1	2.89	.011	.06	.3	.14	7.7	.1	.07	8	1.2	15.0
19800N 21560E	.8	22.3	21.3	51	.6	4.5	4.5	274	3.04	74.1	.1	12.8	.1	7	.1	1.2	.1	58	.08	.049	7	5.9	.11	30	.013	4	.97	.007	.04	.2	.04	2.2	.1	<.05	6	<.5	7.5
19800N 21580E	1.0	28.7	19.7	120	.8	11.5	9.8	774	5.48	25.8	.2	2.2	.4	6	.2	1.0	.1	67	.11	.078	5	16.3	.51	48	.061	2	2.10	.007	.03	.2	.09	4.1	.1	<.05	6	<.5	15.0
19800N 21600E	1.2	21.3	17.1	43	.6	5.7	4.9	590	5.49	27.8	.2	1.4	.3	4	.1	.9	.1	84	.05	.073	5	11.4	.20	40	.054	2	1.32	.007	.02	.3	.06	2.7	.1	<.05	8	<.5	7.5
19800N 21620E	1.0	23.7	14.0	40	1.1	4.1	4.3	265	3.22	50.1	.2	11.3	<.1	8	.2	1.0	.2	67	.10	.062	6	5.9	.10	50	.013	2	.87	.008	.04	.2	.03	1.9	.1	<.05	6	<.5	15.0
19800N 21640E	19.8	64.0	15.1	275	1.9	12.3	38.6	17740	13.13	694.8	1.9	12.8	.4	118	5.9	2.3	<.1	22	2.40	.162	23	8.0	.13	667	.005	2	1.42	.010	.02	.3	.19	8.5	.4	.12	2	5.6	1.0
19800N 21660E	1.3	21.5	15.8	38	3.9	4.1	5.4	403	1.23	35.6	.5	8.0	.2	332	1.2	.6	.1	16	2.94	.114	8	6.9	.19	140	.004	4	.87	.013	.04	.2	.16	3.8	.1	.14	2	1.6	7.5
19800N 21680E	1.2	16.7	6.7	30	.7	4.1	4.2	283	3.29	22.3	.2	2.9	.2	7	.2	.7	.2	80	.05	.028	7	7.7	.11	30	.021	<1	1.10	.006	.02	.2	.05	2.0	.1	<.05	8	<.5	15.0
19800N 21700E	1.9	36.2	2.5	27	1.0	4.8	5.6	3651	.66	18.1	.6	5.0	.1	458	1.0	1.3	<.1	5	4.50	.181	6	4.4	.20	270	.003	7	.66	.013	.03	.1	.20	1.7	.1	.27	1	4.0	1.0
19800N 21720E	2.3	28.7	7.0	55	.5	6.7	8.5	793	2.22	17.7	.3	3.1	.1	117	.2	1.3	.1	30	2.49	.063	5	8.8	.36	105	.014	3	1.15	.009	.03	.1	.09	2.7	<.1	.08	3	2.5	1.0
RE 19800N 21580E	1.0	26.7	19.3	115	.8	10.9	10.0	765	5.48	24.8	.2	1.8	.4	6	.2	1.0	.1	67	.09	.078	5	17.3	.51	48	.055	1	2.16	.005	.02	.2	.10	4.0	<.1	<.05	6	.5	15.0
19800N 21740E	2.6	30.9	13.8	116	3.4	5.7	5.1	216	1.75	35.5	1.6	99.6	.1	168	.4	1.7	.1	17	3.73	.047	4	4.7	.10	84	.004	2	.40	.010	.03	.3	.12	2.8	<.1	.07	2	2.7	7.5
19800N 21760E	.8	36.5	9.7	105	1.2	17.1	12.7	632	4.52	61.2	.3	7.6	.6	13	.4	.9	.1	71	.22	.031	7	19.3	.74	80	.049	2	2.52	.008	.04	.2	.06	5.9	.1	<.05	6	.6	15.0
19800N 21780E	1.3	24.9	18.0	48	.7	7.9	6.9	338	7.77	44.2	.2	58.7	.7	4	.1	1.1	.1	102	.04	.061	5	17.0	.38	50	.079	2	1.98	.009	.03	.3	.07	3.8	.1	<.05	9	.5	1.0
19800N 21800E	2.5	28.0	25.0	49	.4	10.3	11.8	1117	5.86	50.2	.1	.8	.2	3	.1	2.5	.1	74	.03	.079	4	11.2	.23	33	.009	2	1.34	.005	.03	.2	.07	3.1	.1	<.05	6	.5	7.5
19800N 22220E	.9	34.5	2.9	8	.8	3.8	1.2	140	.40	2.6	1.1	4.1	.1	239	.4	1.1	<.1	5	4.97	.070	8	3.3	.17	78	.006	5	.39	.012	.01	.2	.11	1.0	<.1	.17	1	4.8	1.0
19800N 22240E	3.2	45.5	20.9	100	1.6	11.1	16.3	2561	3.22	39.8	1.2	11.7	.4	117	.7	1.1	.1	43	2.78	.177	11	13.5	.48	142	.014	2	1.83	.013	.04	.2	.15	7.5	.2	.12	5	3.0	15.0
19800N 22260E	.8	24.8	7.1	19	.4	2.6	1.2	55	.89	12.1	.3	2.8	.1	166	.4	.6	.1	16	3.81	.043	10	3.6	.18	93	.008	1	.66	.009	.02	.3	.07	1.5	<.1	.09	2	1.6	7.5
19800N 22280E	1.5	46.4	17.4	58	.5	8.4	7.0	417	2.87	44.2	.3	1.9	.2	74	1.0	.8	.1	67	.91	.041	9	10.9	.32	82	.015	1	1.15	.009	.04	.2	.03	2.9	<.1	<.05	7	<.5	15.0
19800N 22300E	1.3	41.5	14.8	59	.7	7.0	5.4	352	2.88	35.9	.4	8.6	.2	79	.9	.6	.2	49	1.26	.056	10	9.2	.34	99	.026	<1	1.21	.010	.04	.2	.06	2.4	<.1	<.05	8	.6	15.0
19800N 22320E	2.8	92.9	108.8	100	3.2	14.8	17.8	5690	3.92	293.1	1.4	40.1	.5	107	2.5	1.2	.1	36	2.58	.116	31	12.6	.45	201	.012	2	2.08	.011	.03	.2	.23	8.5	.2	.08	4	3.0	7.5
19800N 22340E	.8	30.2	20.8	31	1.2	5.1	8.5	663	.74	20.7	.5	2.9	.1	156	.6	1.3	<.1	10	4.04	.087	9	4.6	.20	121	.006	4	.86	.010	.02	.1	.12	1.6	.1	.10	1	1.8	1.0
19800N 22360E	1.3	33.2	26.7	54	1.3	6.4	6.7	427	4.81	33.9	.4	6.8	.1	9	.4	.8	.1	77	.10	.041	8	12.9	.25	48	.015	1	1.91	.008	.03	.2	.05	2.5	<.1	<.05	10	.7	15.0
STANDARD DS5	13.0	144.7	25.3	136	.4	25.7	12.5	819	3.07	18.5	6.3	41.3	2.7	46	5.7	4.0	6.5	64	.76	.095	12	190.7	.68	135	.100	17	1.99	.034	.15	4.8	.17	3.4	1.0	<.05	6	5.0	15.0

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

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19800N 22380E	1.2	43.2	20.5	84	2.2	9.0	11.1	2145	2.25	40.9	.9	7.5	.2	115	.9	1.1	.1	26	2.98	.126	12	9.3	.34	150	.013	3	1.48	.011	.04	.2	.16	3.7	.1	.13	3	1.4	1.0
19800N 22400E	1.2	47.3	45.7	99	.7	11.9	15.9	2023	3.93	28.0	.4	1.9	.2	48	.7	.9	.1	61	1.02	.085	8	15.1	.57	133	.024	1	2.16	.010	.05	.2	.06	3.7	.1	<.05	7	.8	15.0
19800N 22420E	1.2	52.1	20.2	87	.7	13.7	26.8	1183	4.06	30.6	.6	3.9	.6	66	.5	.9	.1	57	1.58	.098	7	15.0	.52	191	.008	2	2.47	.010	.06	.2	.12	5.3	.1	.07	7	.9	1.0
19800N 22440E	1.1	32.3	11.1	127	.4	12.6	10.2	408	3.94	44.5	.4	1.3	.3	21	.4	.8	.1	66	.23	.043	8	15.9	.62	119	.025	1	2.28	.007	.05	.2	.04	4.8	.1	.06	7	.6	15.0
19800N 22460E	1.4	18.1	6.7	26	.2	3.0	3.2	119	2.73	51.7	.1	1.8	.3	5	.1	1.1	.1	57	.04	.039	6	6.5	.10	19	.010	3	.84	.007	.03	.2	.04	1.6	.1	<.05	6	<.5	15.0
19800N 22480E	1.1	29.6	21.1	89	.6	10.1	9.4	399	4.66	40.2	.2	2.7	.4	11	.2	1.5	.1	85	.13	.018	6	16.0	.50	81	.054	1	2.00	.007	.03	.3	.03	4.1	.1	<.05	8	<.5	15.0
19800N 22500E	1.0	34.5	9.0	93	.6	12.3	12.2	833	3.92	38.9	.3	6.3	.3	37	.4	.9	.1	62	.74	.039	7	15.4	.69	98	.053	1	2.00	.007	.04	.2	.03	4.8	.1	<.05	6	.6	15.0
19800N 22520E	.6	25.3	7.2	31	.6	4.1	3.1	125	1.37	14.5	.2	1.1	.1	140	.4	.6	.1	14	2.97	.076	5	5.3	.21	95	.010	2	.71	.008	.02	.1	.08	1.0	<.1	.10	2	.8	1.0
19800N 22540E	1.1	85.3	27.3	75	1.8	9.7	11.5	394	2.68	40.4	.4	3.1	.2	97	1.9	1.1	.1	42	1.87	.060	10	7.9	.23	127	.022	1	1.07	.011	.04	.2	.08	2.4	<.1	.06	6	.9	7.5
19800N 22560E	.8	25.1	14.1	120	.6	10.5	9.1	812	3.44	51.9	.3	25.2	.3	39	.3	1.0	.1	53	.69	.058	7	13.8	.57	103	.034	<1	1.78	.006	.05	.2	.04	4.1	.1	<.05	6	<.5	15.0
19800N 22580E	.9	23.3	15.5	135	.6	9.4	7.8	747	3.53	81.8	.2	3.9	.4	46	.3	1.1	.1	53	.76	.043	8	13.0	.57	129	.019	1	1.84	.007	.04	.2	.03	4.1	.1	.08	6	<.5	15.0
19800N 22600E	.9	27.1	27.3	141	.4	11.7	10.1	939	3.75	45.3	.2	7.0	.5	38	.4	1.0	.1	61	.48	.050	8	15.8	.60	160	.013	1	2.27	.008	.05	.2	.03	4.4	.1	<.05	7	<.5	15.0
19800N 22620E	1.5	30.4	20.0	69	2.4	7.6	6.9	304	3.52	34.4	.3	2.0	.1	26	.5	1.0	.1	67	.35	.058	9	10.9	.34	96	.019	1	1.65	.008	.04	.2	.07	2.3	.1	<.05	7	.5	15.0
19800N 22640E	1.4	25.0	17.4	49	.5	4.9	5.5	210	2.47	25.4	.2	2.9	.1	20	.3	.9	.1	61	.31	.026	8	7.0	.20	75	.021	<1	1.12	.007	.04	.3	.02	1.8	.1	<.05	7	.5	15.0
19800N 22660E	1.9	115.6	42.7	105	4.4	13.2	21.1	1032	3.96	69.0	.8	7.8	.5	113	1.8	1.7	.3	39	2.49	.114	18	12.1	.40	169	.005	1	1.80	.012	.06	.2	.17	7.2	.1	.11	4	1.3	1.0
19800N 22680E	.8	41.4	17.0	64	3.4	7.3	6.3	443	1.54	20.2	.3	3.4	.1	146	1.2	.9	.1	18	3.25	.070	14	6.4	.26	129	.014	3	.90	.011	.03	.1	.13	2.3	<.1	.09	2	.9	1.0
19800N 22700E	1.1	44.4	14.0	41	.6	4.9	3.0	84	1.52	37.1	.2	3.7	.1	94	1.5	1.1	.1	26	1.96	.033	7	5.0	.13	120	.008	2	.59	.011	.02	.2	.05	1.4	<.1	.08	3	.7	7.5
19800N 22720E	2.5	80.7	47.9	153	2.2	12.0	17.8	5624	3.49	52.4	.6	2.5	.4	80	3.8	1.0	.1	48	1.67	.119	15	12.5	.34	230	.006	1	2.00	.010	.06	.2	.12	5.1	.2	.06	6	.7	1.0
19800N 22740E	.9	27.5	15.7	87	.3	9.1	8.3	512	4.11	32.3	.2	2.6	.3	36	.2	.9	.1	68	.39	.035	6	13.5	.37	89	.029	2	2.06	.010	.05	.2	.02	3.6	.1	<.05	8	<.5	15.0
19800N 22760E	1.0	20.7	12.4	46	1.6	5.0	4.8	337	2.64	12.6	.3	.9	<.1	6	.1	.5	.1	51	.06	.063	6	9.9	.23	63	.010	<1	1.45	.009	.05	.2	.10	1.0	.1	<.05	7	.5	7.5
19800N 22780E	1.3	82.5	51.7	194	11.0	25.1	15.8	3727	4.62	43.4	.8	23.3	.8	70	1.7	1.6	.1	65	1.29	.209	23	20.1	.65	265	.004	3	3.97	.014	.08	.2	.28	12.0	.2	.10	7	1.5	7.5
19800N 22800E	1.1	17.2	13.7	58	.6	5.1	4.7	207	4.07	19.0	.2	1.9	.3	17	.2	.8	.1	82	.27	.052	6	10.5	.19	57	.039	<1	1.48	.007	.03	.3	.05	2.8	<.1	<.05	8	.5	15.0
19800N 22820E	1.6	30.1	70.2	179	3.4	5.3	6.5	442	6.81	238.5	.1	8.0	.3	6	.6	9.5	.2	111	.07	.107	5	9.1	.15	35	.055	1	1.35	.008	.04	.3	.06	3.1	.1	.06	9	.6	7.5
RE 19800N 22840E	1.0	46.4	31.8	130	.9	10.1	8.7	338	5.00	61.5	.1	4.7	.6	7	.5	2.3	.1	56	.09	.054	6	12.6	.41	61	.030	1	1.62	.005	.03	.3	.05	4.3	.1	<.05	5	.6	7.5
19800N 22840E	1.0	44.5	31.8	131	1.0	9.7	8.9	333	5.06	60.5	.1	6.1	.6	7	.4	2.4	.1	60	.10	.055	6	12.8	.41	62	.030	1	1.61	.005	.03	.3	.06	4.7	.1	<.05	5	<.5	7.5
19800N 22860E	1.0	54.4	58.6	190	1.7	12.7	10.2	365	5.88	65.0	.2	21.0	.8	4	.5	2.8	.1	49	.07	.055	6	15.1	.45	71	.010	1	2.20	.005	.02	.3	.08	6.4	.1	<.05	4	.7	15.0
19800N 22880E	1.0	46.8	43.1	345	2.9	14.2	19.7	783	4.67	50.4	.2	8.3	.8	13	1.7	2.2	.1	57	.23	.060	9	14.7	.52	137	.014	1	2.00	.006	.04	.3	.08	7.1	.1	<.05	5	.5	7.5
19800N 22900E	1.0	53.4	48.9	206	1.6	12.7	13.5	546	4.83	50.7	.2	7.2	.7	18	.7	2.5	.1	58	.37	.057	8	13.8	.45	101	.010	1	1.84	.008	.05	.3	.06	7.2	.1	<.05	5	.5	15.0
19800N 22920E	1.1	57.1	49.2	199	1.2	14.8	15.5	805	4.45	51.1	.2	12.5	.7	26	1.0	2.6	.1	51	.48	.054	9	14.1	.54	108	.022	1	1.74	.009	.06	.3	.06	7.7	.1	<.05	5	<.5	15.0
19800N 22940E	.9	50.1	93.8	277	2.4	15.0	14.8	1006	4.44	55.5	.2	33.4	.6	29	1.5	3.0	.1	50	.56	.068	7	14.6	.52	113	.008	1	1.93	.009	.05	.4	.07	6.3	.1	.06	5	.6	15.0
19800N 22960E	.9	58.3	36.0	200	2.2	15.1	10.7	573	4.44	45.6	.2	11.8	.6	32	.7	2.1	.1	52	.66	.063	8	13.6	.58	126	.005	1	1.94	.010	.05	.3	.09	7.1	.1	<.05	5	.6	7.5
19800N 22980E	1.0	56.4	49.7	175	2.0	15.8	15.4	1122	4.22	53.5	.3	13.9	.8	56	1.5	2.0	.1	45	1.07	.096	12	13.2	.58	184	.007	2	2.07	.011	.08	.3	.09	9.8	.1	.06	5	.7	15.0
19800N 23000E	.8	31.5	36.7	95	.5	11.8	14.6	701	3.48	26.4	.2	8.8	.6	33	.6	1.8	.1	41	.52	.076	8	12.1	.48	84	.026	2	1.29	.009	.05	.3	.07	5.9	.1	.08	4	.7	7.5
19800N 23020E	.9	58.2	62.5	190	1.6	17.9	17.8	924	4.49	51.5	.3	18.6	.9	46	1.1	3.2	.1	52	.79	.081	10	15.3	.71	116	.030	2	1.62	.011	.07	.3	.06	9.5	.1	.06	5	.6	15.0
STANDARD DS5	13.0	144.9	25.4	140	.3	24.8	12.3	749	3.06	17.7	6.2	44.1	2.7	47	5.5	4.0	6.3	59	.72	.090	12	190.8	.68	136	.103	18	1.99	.033	.15	4.9	.17	3.5	1.1	<.05	7	5.0	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19700N 20500E	.9	33.9	44.0	73	1.0	5.6	5.1	299	5.30	63.5	.2	11.1	.6	6	.3	1.3	.1	59	.05	.086	7	10.4	.15	63	.005	1	1.46	.006	.03	.3	.12	3.3	.1	<.05	7	.5	15.0
19700N 20520E	1.3	24.1	22.4	84	.6	5.6	6.7	593	6.68	44.1	.2	3.9	.6	4	.1	.9	.1	70	.02	.087	7	12.5	.17	49	.003	1	1.86	.010	.02	.4	.07	3.0	.1	<.05	8	<.5	15.0
19700N 20540E	.9	30.8	26.4	86	.5	8.5	7.9	506	6.27	54.5	.1	3.9	.6	3	.2	1.2	.1	67	.02	.134	8	14.3	.28	49	.002	1	1.99	.006	.03	.2	.08	3.8	.1	<.05	7	.5	15.0
19700N 20560E	1.0	32.0	29.1	96	1.3	9.7	8.0	451	5.03	49.9	.1	13.3	.6	4	.2	1.2	.1	61	.03	.061	7	13.6	.33	54	.003	1	1.86	.005	.03	.3	.08	3.6	.1	<.05	6	<.5	15.0
19700N 20580E	1.5	35.4	20.4	84	.3	8.3	10.0	879	3.90	31.4	.1	2.3	.5	7	.2	1.0	.1	59	.07	.059	10	10.0	.27	78	.003	<1	1.44	.006	.04	.2	.03	3.1	.1	<.05	7	<.5	15.0
19700N 20600E	1.3	37.9	19.2	89	.7	7.6	10.7	888	4.13	21.3	.2	2.6	.4	10	.3	.7	.1	53	.11	.115	11	9.4	.25	128	.001	1	1.77	.007	.04	.2	.07	3.4	.1	<.05	7	.5	15.0
19700N 20620E	1.4	14.3	11.0	48	.2	3.8	4.7	347	3.90	20.5	.1	.5	.4	5	.1	.6	.1	69	.04	.065	9	7.3	.14	43	.002	1	1.38	.008	.04	.2	.05	1.9	.1	<.05	8	<.5	7.5
19700N 20640E	2.4	91.3	39.1	144	2.2	16.0	15.5	2240	4.43	41.5	.6	9.4	.8	82	1.6	1.4	.1	57	1.53	.138	33	16.7	.41	218	.002	1	2.42	.009	.05	.2	.16	7.7	.1	<.05	6	1.0	15.0
19700N 20660E	.7	33.8	47.2	118	.3	9.0	8.4	402	3.44	41.6	.2	11.4	.7	11	.2	1.2	.2	52	.16	.059	11	10.0	.35	116	.003	1	1.70	.007	.04	.2	.02	3.8	.1	<.05	6	<.5	7.5
RE 19700N 20660E	.7	31.9	45.4	111	.4	8.9	7.7	393	3.28	40.6	.2	108.1	.6	11	.2	1.2	.2	53	.16	.056	11	9.9	.33	109	.004	<1	1.60	.007	.04	.2	.03	3.8	.1	<.05	6	<.5	7.5
19700N 20680E	.9	34.3	30.4	152	.4	10.6	10.6	797	4.54	64.7	.2	9.3	.5	17	.4	1.2	.1	63	.33	.080	9	13.7	.46	141	.002	<1	2.06	.009	.06	.2	.05	4.3	.1	<.05	7	<.5	15.0
19700N 20700E	1.0	32.1	28.8	87	.4	7.7	8.1	689	4.77	53.8	.2	5.9	.5	6	.2	1.1	.1	60	.04	.084	8	11.4	.31	50	.007	1	1.85	.006	.03	.2	.05	3.4	.1	<.05	7	<.5	15.0
19700N 20720E	.4	16.2	19.2	44	.1	5.2	7.4	236	5.30	31.8	.1	1.3	.3	4	<.1	1.5	.2	63	.03	.050	10	10.4	.26	52	.001	2	1.89	.006	.05	.1	.04	2.4	.1	<.05	8	<.5	15.0
19700N 20740E	1.1	25.5	16.9	66	.5	5.4	6.3	322	4.55	21.4	.1	2.0	.5	5	.1	1.0	.2	64	.04	.086	8	9.6	.16	50	.003	1	1.37	.006	.03	.2	.06	2.7	.1	<.05	7	<.5	7.5
19700N 20760E	.8	56.8	13.6	94	.3	12.9	11.1	597	5.40	14.3	.1	.6	.7	2	.2	.7	.1	52	.03	.058	7	14.6	.50	70	<.001	<1	2.59	.006	.03	<.1	.04	5.4	.1	<.05	6	<.5	15.0
19700N 20780E	.7	50.0	34.4	121	.9	18.3	16.1	799	4.37	105.3	.1	49.5	1.2	5	.4	2.0	.1	32	.05	.051	11	5.1	.13	69	<.001	<1	.68	.005	.03	.2	.03	9.2	.1	<.05	1	.5	15.0
19700N 20800E	.3	37.4	12.3	74	1.2	9.4	6.7	721	5.47	109.3	.1	10.5	.4	3	.1	1.8	.1	42	.03	.099	6	5.9	.11	38	.001	2	.84	.005	.04	.1	.07	4.9	.2	<.05	3	.5	15.0
19700N 20820E	.7	39.9	13.2	118	1.5	16.2	11.0	1188	3.58	52.9	.1	16.2	.6	7	.7	1.9	.1	35	.06	.047	10	5.4	.15	174	<.001	1	1.01	.006	.03	.1	.03	5.4	.2	<.05	3	<.5	15.0
19700N 20840E	1.6	29.5	23.7	133	.3	6.4	7.2	376	3.64	148.4	.1	15.3	.6	13	.5	1.6	.2	64	.21	.025	9	6.1	.10	58	.006	1	1.10	.005	.02	.2	.02	3.3	.1	<.05	6	<.5	15.0
19700N 20860E	2.7	80.3	236.3	189	2.2	10.6	33.5	12368	5.03	470.3	.5	14.7	.5	59	5.3	1.9	.3	37	1.21	.150	15	11.0	.17	173	.006	2	2.04	.007	.05	.3	.17	6.7	.2	.06	6	.7	7.5
19700N 20880E	.7	18.0	10.9	54	.3	5.6	6.7	393	1.61	96.6	.1	213.7	.7	6	.1	.5	.1	37	.12	.015	11	2.2	.03	32	.003	3	.62	.004	.03	.2	.01	1.7	.1	<.05	4	<.5	15.0
19700N 20900E	2.1	135.8	113.0	199	2.9	14.1	21.0	7369	5.67	622.9	.6	52.8	.3	68	5.9	2.8	.4	23	1.55	.183	15	8.7	.14	150	.008	2	1.46	.007	.03	.4	.15	6.3	.2	.09	3	2.0	7.5
19700N 20920E	1.0	51.0	18.2	96	.7	5.8	8.1	438	5.37	461.8	.1	13.9	.5	18	.4	1.7	.1	64	.33	.034	8	9.1	.14	46	.004	1	1.24	.006	.03	.3	.04	3.4	.1	<.05	6	<.5	7.5
19700N 20940E	1.4	45.8	678.4	320	2.8	5.7	9.0	456	4.74	462.0	.2	312.4	.5	34	1.3	6.1	.4	56	.78	.037	10	7.0	.14	71	.004	1	1.14	.006	.03	.3	.05	3.4	.1	<.05	6	<.5	7.5
19700N 20960E	1.3	71.6	86.0	258	1.6	9.1	14.0	1318	5.39	516.7	.4	27.0	.5	27	1.9	1.2	.3	46	.34	.068	13	12.1	.18	93	.005	1	1.53	.007	.04	.4	.11	6.8	.1	<.05	5	.9	15.0
19700N 20980E	1.4	64.7	121.3	289	3.5	13.0	13.2	2878	4.39	256.7	.8	34.5	.5	58	3.0	1.3	.2	41	1.23	.172	14	13.4	.28	109	.005	1	2.54	.010	.05	.3	.21	6.7	.2	.08	5	.8	7.5
19700N 21000E	1.6	25.5	35.4	86	.4	4.7	5.6	398	4.76	96.6	.1	79.7	.3	5	.2	1.3	.4	73	.04	.045	7	7.2	.08	31	.014	2	1.12	.006	.03	.4	.05	2.3	.1	<.05	8	<.5	7.5
19700N 21020E	2.3	81.4	105.0	360	6.4	16.2	16.8	2708	4.80	579.9	1.1	125.6	.9	65	4.6	2.2	.4	36	1.59	.192	19	17.4	.35	89	.006	1	2.29	.011	.05	.5	.31	11.1	.1	<.05	4	2.1	7.5
19700N 21040E	2.0	34.9	29.2	83	.5	4.9	5.5	339	5.52	142.4	.1	32.1	.5	6	.2	1.5	.2	78	.05	.030	8	5.5	.07	35	.003	3	.83	.005	.02	.5	.02	3.4	.1	<.05	8	<.5	7.5
19700N 21060E	1.6	58.5	468.6	791	1.7	8.6	31.6	3709	7.51	1721.8	.3	92.3	.3	14	3.0	1.7	7.4	53	.22	.108	8	10.2	.25	48	.007	1	1.74	.006	.04	.3	.08	2.6	.1	<.05	7	.6	7.5
19700N 21080E	1.0	46.6	64.9	499	.5	13.9	13.5	1584	4.73	187.8	.3	30.9	.6	21	2.0	1.2	.2	54	.27	.076	9	13.8	.35	125	.007	1	2.19	.007	.07	.3	.05	5.4	.1	<.05	6	<.5	15.0
19700N 21100E	.3	18.0	11.4	29	1.6	2.8	2.1	615	.48	12.9	.2	3.5	.2	158	.6	.5	.1	3	4.08	.074	6	3.7	.17	59	.005	4	.46	.012	.02	.1	.15	2.0	<.1	.11	1	.9	1.0
19700N 21120E	.8	38.4	65.7	116	1.0	12.8	11.1	958	3.91	122.6	.4	151.3	.5	58	.4	1.7	.1	45	.99	.071	9	12.8	.52	78	.012	1	1.62	.007	.04	.3	.08	5.4	.1	<.05	5	.7	15.0
19700N 21140E	1.0	57.9	39.1	104	2.8	11.2	11.7	560	4.07	65.9	.8	24.9	.3	86	.9	1.5	.1	44	1.68	.109	13	13.5	.35	80	.011	1	1.89	.008	.03	.3	.15	4.5	.1	<.05	5	1.4	7.5
STANDARD DS5	13.0	143.8	25.3	140	.3	24.2	12.3	803	3.04	18.1	6.2	44.0	2.7	47	5.7	3.9	6.0	62	.77	.092	12	190.4	.69	136	.107	17	2.05	.034	.15	4.9	.17	3.4	1.0	<.05	7	5.0	15.0

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

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19700N 21160E	2.7	110.8	128.7	203	5.5	14.3	14.5	4179	5.01	115.3	1.5	35.9	1.1	109	2.8	1.7	.2	38	1.98	.311	20	16.1	.34	162	.018	1	3.27	.010	.04	.2	.28	12.4	.1	.09	6	3.0	7.5
19700N 21180E	2.0	39.4	98.9	184	1.8	9.1	23.3	1258	4.94	137.0	.2	98.2	.4	32	.6	2.0	.4	62	.53	.088	7	11.7	.32	107	.004	<1	1.83	.008	.05	.9	.04	4.3	.1	<.05	8	<.5	7.5
19700N 21200E	1.5	34.6	50.5	78	.4	6.9	8.1	617	5.20	112.9	.1	28.7	.3	6	.2	2.8	.2	71	.03	.068	6	9.5	.20	43	.010	2	1.42	.006	.04	.6	.03	3.7	.1	<.05	8	.5	7.5
19700N 21220E	.9	10.3	22.3	33	.3	1.9	2.3	113	1.84	30.8	.2	19.4	.3	5	.1	.5	.1	42	.06	.047	6	4.0	.06	27	.003	1	1.09	.006	.03	.3	.04	1.5	.1	<.05	6	<.5	7.5
19700N 21240E	2.0	40.1	60.1	100	.2	6.6	7.9	309	6.44	153.0	.2	24.4	.7	15	.2	2.6	.2	81	.20	.027	6	11.2	.17	53	.007	2	1.64	.005	.03	.9	.03	5.3	.1	<.05	8	.5	15.0
19700N 21260E	1.9	75.2	48.9	146	1.4	10.4	11.0	548	3.64	93.3	.5	38.0	.3	78	1.1	1.8	.1	46	1.63	.073	9	12.1	.39	117	.009	1	1.75	.008	.04	.6	.08	5.9	.1	<.05	5	1.5	15.0
19700N 21280E	1.1	43.8	8.3	27	1.1	3.6	3.0	109	1.03	18.1	.1	10.4	.1	124	1.0	.9	.1	28	2.82	.040	6	5.1	.13	67	.009	2	.67	.010	.03	.2	.07	1.9	.1	<.05	3	1.5	7.5
19700N 21300E	2.2	88.6	43.7	385	.8	9.2	11.1	651	5.52	235.7	1	221.2	.5	26	.6	2.9	1.4	50	.04	.035	6	5.8	.07	46	.005	3	.83	.005	.03	.6	.03	4.0	.1	<.05	5	.8	7.5
19700N 21320E	2.6	21.9	8.4	56	.8	7.6	8.8	240	2.21	41.0	.1	40.9	.4	11	.2	1.1	.1	73	.21	.042	11	9.4	.10	37	.002	2	.72	.007	.04	.3	.06	4.2	.1	<.05	6	<.5	1.0
19700N 21340E	2.3	43.7	43.2	215	3.3	11.7	11.9	519	3.90	67.4	.8	23.7	.4	39	.9	1.1	.2	41	.77	.120	12	11.9	.30	99	.005	1	2.29	.009	.05	.3	.22	6.8	.1	<.05	5	1.5	7.5
19700N 21360E	1.8	23.7	28.4	71	.6	5.0	5.6	279	2.80	68.4	.1	27.9	.2	12	.2	1.1	.1	57	.18	.037	8	7.5	.20	76	.010	1	1.23	.007	.04	.4	.03	3.2	.1	<.05	6	<.5	15.0
19700N 21380E	1.6	21.6	48.0	103	1.7	6.6	6.9	213	3.15	61.9	.4	19.0	.3	54	.4	.4	.2	53	.70	.093	7	11.1	.25	107	.006	1	1.97	.011	.04	.2	.11	4.0	.1	<.05	7	.8	7.5
19700N 21400E	1.4	51.7	42.5	89	2.7	8.6	9.0	482	2.96	64.3	.5	24.2	.2	161	.6	1.1	.1	37	2.76	.102	12	11.1	.29	142	.007	2	1.85	.010	.04	.7	.14	4.2	.1	.08	5	3.2	7.5
19700N 21420E	3.5	51.7	77.5	171	2.1	16.3	20.1	3091	4.37	89.9	.9	21.9	.6	91	1.7	1.1	.1	50	1.66	.114	13	16.0	.55	184	.011	2	2.35	.011	.05	.2	.13	9.2	.1	<.05	5	2.3	15.0
19700N 21440E	1.4	18.2	12.2	25	.1	4.4	4.0	131	4.62	12.9	.2	<.5	.2	8	.1	.8	.2	112	.06	.027	5	12.4	.16	53	.029	2	1.88	.006	.02	.2	.06	2.8	<.1	<.05	10	<.5	7.5
RE 19700N 21440E	1.5	18.5	12.1	25	.1	4.7	3.9	132	4.81	12.9	.3	.5	.2	8	.1	.8	.1	104	.06	.027	5	12.0	.17	54	.024	1	1.77	.006	.01	.2	.06	2.5	<.1	<.05	9	.5	7.5
19700N 21460E	2.0	30.6	35.0	137	2.2	10.2	8.0	363	4.51	51.9	.5	9.3	.2	98	.5	.9	.1	65	1.59	.060	7	14.2	.45	155	.018	1	2.20	.009	.04	.3	.10	4.5	.1	<.05	8	1.6	7.5
19700N 21480E	1.1	29.6	51.2	98	.8	7.6	8.5	737	4.18	96.6	.1	16.4	.1	33	.3	1.5	.2	65	.50	.056	6	9.0	.29	63	.013	<1	1.51	.008	.03	.3	.03	2.5	.1	<.05	7	<.5	15.0
19700N 21500E	1.2	20.9	29.2	50	.5	8.4	7.0	417	5.63	25.1	.1	35.8	.4	9	.2	1.2	.1	114	.13	.035	5	20.6	.37	53	.033	2	1.65	.007	.03	.2	.06	3.5	.1	<.05	9	<.5	7.5
19700N 21520E	5.5	44.2	3.6	122	.5	11.0	15.2	16071	.66	16.7	2.6	5.2	<.1	256	6.1	1.7	<.1	5	5.25	.092	3	3.6	.14	703	.002	7	.31	.013	.02	<.1	.16	.4	.2	.17	1	5.5	1.0
19700N 21540E	.6	36.0	8.3	34	1.2	4.9	4.0	747	1.22	43.5	.6	11.0	.2	170	.5	.7	.1	9	3.73	.150	8	5.9	.18	139	.006	5	.75	.011	.02	<.1	.20	2.8	.1	.27	1	5.2	1.0
19700N 21560E	1.0	19.7	17.1	30	.6	4.4	3.5	138	3.91	27.2	.3	6.0	.3	6	.2	.7	.1	66	.08	.035	5	12.7	.17	40	.017	1	1.98	.006	.02	.3	.08	3.4	.1	<.05	8	.6	7.5
19700N 21580E	.9	14.5	6.9	25	.4	4.5	5.2	457	3.02	20.0	.1	<.5	.2	7	.1	.6	.1	79	.10	.069	5	8.5	.14	30	.035	3	1.00	.008	.03	.2	.03	2.1	.1	<.05	8	<.5	7.5
19700N 21600E	1.1	23.6	12.9	42	.5	5.6	5.9	477	5.86	36.2	.2	1.5	.5	4	.1	.9	.1	91	.04	.081	5	11.8	.22	36	.033	2	1.74	.005	.02	.3	.07	3.3	.1	<.05	9	.6	15.0
19700N 21620E	1.5	11.9	227.9	31	.3	2.5	3.3	451	1.52	23.7	.1	8.0	<.1	5	.1	.8	.1	39	.05	.040	7	3.3	.07	25	.012	2	.80	.007	.03	.2	.02	1.1	.1	<.05	8	<.5	7.5
19700N 21640E	1.7	27.9	17.7	86	.7	9.6	15.6	657	3.79	53.1	.4	3.0	.1	52	.4	.7	.1	64	1.03	.062	9	13.6	.42	130	.018	2	2.14	.009	.04	.2	.06	3.2	.1	<.05	8	.7	7.5
19700N 21660E	3.8	85.6	15.9	33	2.1	8.1	5.5	2883	.88	27.8	1.3	7.9	.2	317	.9	1.2	.1	14	3.80	.099	20	6.6	.17	168	.020	3	.99	.016	.02	.1	.22	2.7	.1	.15	3	4.7	1.0
19700N 21680E	5.9	17.4	10.1	14	1.2	4.0	6.4	2758	.85	8.0	1.2	1.7	.1	215	1.2	.9	.1	10	4.28	.092	7	4.6	.11	128	.005	5	.58	.014	.02	.1	.11	1.2	.1	.09	2	2.5	1.0
19700N 21700E	1.2	28.5	13.2	57	.2	7.6	7.7	444	5.71	42.3	.1	2.2	.5	16	.1	1.2	.1	79	.03	.053	5	9.5	.17	34	.014	2	1.36	.006	.03	.3	.04	3.5	.1	<.05	8	<.5	15.0
19700N 21720E	1.5	25.3	20.3	57	.6	5.2	5.7	501	5.55	29.5	.3	1.8	.2	6	.3	1.0	.2	86	.07	.062	5	10.7	.19	60	.045	1	1.92	.007	.02	.3	.07	2.4	.1	<.05	9	.5	15.0
19700N 21740E	2.3	22.0	21.9	65	.6	5.4	5.1	392	2.93	23.7	.5	2.3	.1	51	.3	.5	.1	54	.78	.060	10	9.0	.23	107	.012	1	1.54	.008	.03	.2	.06	2.5	.1	<.05	8	.6	15.0
19700N 21760E	1.5	21.2	8.7	92	.5	9.4	8.4	330	3.70	21.5	.3	.5	.3	20	.2	.4	.1	57	.28	.048	6	13.6	.55	104	.009	1	2.05	.008	.02	.1	.05	3.5	<.1	<.05	7	.5	15.0
19700N 21780E	1.9	17.6	17.6	89	.5	7.7	7.5	360	3.19	17.6	.1	2.8	.3	7	.1	.4	.1	52	.07	.033	7	11.1	.42	53	.009	1	1.81	.007	.03	.3	.03	2.7	.1	<.05	9	<.5	7.5
19700N 21800E	1.2	13.5	4.5	30	.3	3.4	3.8	112	1.46	25.7	.1	218.1	.4	8	.1	1.4	.1	39	.07	.024	8	2.8	.05	31	.002	2	.69	.007	.03	.1	.01	2.2	.1	<.05	5	<.5	7.5
STANDARD DS5	13.0	144.8	25.4	137	.3	24.8	12.3	746	3.01	17.9	6.1	44.4	2.7	45	5.6	4.0	6.0	61	.75	.092	11	189.1	.67	133	.097	17	1.99	.034	.15	4.9	.15	3.6	1.1	<.05	7	5.0	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19700N 22200E	.9	80.2	26.2	100	.9	11.0	16.7	1333	2.67	28.8	.6	6.5	.2	111	1.0	1.9	.1	24	3.28	.093	16	8.1	.22	92	.005	1	1.21	.007	.03	.1	.11	4.0	.1	.12	3	1.1	7.5
19700N 22220E	.5	28.6	5.0	29	.9	3.0	1.0	213	.27	1.9	.3	1.4	.1	135	.6	.8	.1	1	3.07	.106	12	2.9	.09	91	.003	6	.55	.004	.03	<.1	.18	1.0	<.1	.18	<1	1.1	7.5
19700N 22240E	.4	27.2	4.0	30	.6	3.0	1.1	44	.51	4.2	.2	2.4	.1	122	.6	.7	.1	6	3.48	.043	6	3.5	.16	86	.015	2	.38	.005	.02	.1	.09	1.0	<.1	.15	1	.9	7.5
19700N 22260E	3.3	33.3	151.5	140	.7	11.8	47.1	9777	4.84	34.1	.4	5.6	.1	51	2.8	.9	.2	55	1.23	.104	10	13.8	.32	184	.009	<1	2.63	.008	.05	.2	.08	2.2	.1	.06	8	.6	7.5
19700N 22280E	.5	27.4	7.4	63	.8	4.6	4.2	509	1.47	16.8	.5	3.2	.1	105	1.0	.5	.1	18	2.86	.098	15	6.8	.19	167	.008	1	1.20	.007	.03	.1	.15	1.5	<.1	.13	2	1.2	7.5
19700N 22300E	.7	37.8	7.7	20	4.3	5.8	2.6	903	.61	9.3	.8	5.2	.1	129	.9	.9	<.1	4	3.85	.108	22	4.5	.16	108	.003	4	.88	.007	.02	.1	.19	1.7	.1	.15	1	1.5	1.0
19700N 22320E	.6	21.0	11.3	37	1.2	3.6	3.0	56	1.31	33.9	.6	9.8	.1	61	.4	.7	.1	19	1.67	.057	6	4.5	.10	85	.010	<1	.78	.005	.03	.1	.10	1.5	<.1	.09	2	1.2	7.5
19700N 22340E	1.7	67.3	116.8	111	2.8	9.6	16.3	5983	2.64	74.3	1.4	7.1	.2	95	2.7	1.1	.1	31	2.69	.126	17	11.4	.26	223	.008	2	1.75	.007	.04	.2	.17	3.5	.2	.09	5	1.7	7.5
19700N 22360E	.5	17.8	26.1	50	1.4	2.3	2.5	590	.50	7.4	.4	2.3	.1	111	.6	.7	.1	3	3.29	.095	7	3.4	.12	119	.005	5	.53	.008	.02	.1	.15	.9	<.1	.11	1	.9	1.0
19700N 22380E	1.1	28.6	11.9	57	.4	6.8	7.1	330	3.09	27.7	.2	1.3	.2	42	.3	.9	.1	54	.90	.030	7	10.4	.30	133	.043	1	1.25	.007	.04	.2	.04	3.2	.1	<.05	7	<.5	7.5
19700N 22400E	.6	19.7	3.4	28	.5	2.4	1.8	92	.71	4.4	.2	2.3	.1	147	.5	.3	.1	9	3.67	.042	5	3.4	.18	112	.020	2	.38	.005	.02	.1	.08	.8	<.1	.07	2	.6	7.5
19700N 22420E	.9	185.5	15.8	56	3.2	9.0	4.0	187	2.13	64.7	2.2	7.6	.2	161	1.6	1.6	.1	19	3.67	.090	27	9.5	.21	141	.009	<1	1.33	.006	.02	.1	.21	5.4	.1	.10	3	4.2	7.5
19700N 22440E	.9	48.1	2.5	23	1.0	4.5	1.0	226	.28	7.7	.5	2.6	.1	209	.9	2.1	<.1	1	5.16	.091	13	2.7	.20	117	.004	6	.56	.007	.02	.1	.15	1.4	.1	.15	1	1.7	1.0
19700N 22460E	1.1	68.6	13.8	113	2.0	12.4	11.9	1068	3.02	50.1	.7	4.8	.3	94	1.1	1.7	.1	39	2.14	.092	15	13.1	.51	137	.012	1	1.68	.007	.05	.1	.16	5.4	.1	<.05	5	1.5	7.5
19700N 22480E	2.3	36.3	14.7	41	2.9	4.6	7.9	1961	1.09	41.8	.4	3.3	.1	130	1.5	2.0	.1	12	3.67	.070	8	4.2	.18	139	.018	5	.58	.007	.02	.1	.11	1.7	.1	.10	3	1.0	1.0
19700N 22500E	.5	28.0	3.4	16	.9	3.3	.4	45	.18	3.4	.2	1.0	.1	155	.5	1.5	<.1	<1	3.72	.047	8	2.6	.13	106	.003	3	.33	.006	.01	<.1	.09	.8	<.1	.10	<1	1.2	1.0
19700N 22520E	.4	24.1	.9	11	.3	2.7	.1	28	.10	1.6	.1	<.5	<.1	136	.5	1.2	<.1	1	3.73	.034	3	1.9	.13	83	.002	4	.17	.007	.02	<.1	.07	.4	<.1	.11	<1	.5	1.0
19700N 22540E	1.5	74.8	399.5	413	14.6	12.4	12.0	2180	2.60	237.8	1.6	23.4	.3	101	4.8	1.3	.1	30	2.54	.173	33	12.5	.35	197	.004	3	2.24	.012	.07	.1	.36	6.2	.1	.11	4	3.1	7.5
19700N 22560E	.3	26.8	17.3	72	1.1	3.1	.8	81	.20	7.9	.2	1.7	.1	128	1.4	1.6	<.1	<1	3.62	.047	6	2.4	.13	101	.002	3	.35	.006	.02	<.1	.11	1.0	<.1	.12	<1	1.1	1.0
19700N 22580E	.6	45.2	44.0	58	2.2	4.6	1.2	681	.34	20.6	.4	3.1	.1	144	2.0	1.8	<.1	<1	4.40	.072	22	2.8	.14	111	.002	4	.62	.007	.01	<.1	.12	1.8	<.1	.09	<1	1.4	1.0
19700N 22600E	1.2	57.1	78.3	314	4.1	13.8	15.9	1664	3.47	167.0	.7	9.1	.4	79	3.3	1.1	.1	44	1.88	.123	18	14.1	.46	187	.005	2	2.35	.010	.07	.2	.18	6.1	.1	.06	5	1.1	7.5
RE 19700N 22640E	1.3	41.8	20.6	124	.5	14.5	16.2	843	4.39	42.2	.3	3.0	.5	34	.3	1.3	.1	65	.64	.072	11	15.6	.69	105	.059	1	2.17	.008	.05	.3	.04	6.3	<.1	<.05	7	<.5	15.0
19700N 22620E	.7	41.9	9.8	56	1.4	6.3	4.4	240	1.68	25.6	.3	2.6	.2	123	.5	1.1	.1	20	3.43	.079	12	6.6	.29	134	.005	2	1.05	.008	.03	.2	.10	2.5	.1	.07	3	.8	7.5
19700N 22640E	1.2	37.1	18.5	126	.5	13.6	14.4	814	4.16	39.5	.3	5.8	.5	34	.2	1.2	.1	64	.67	.072	11	16.1	.67	105	.067	1	2.14	.011	.06	.2	.04	6.2	.1	<.05	6	<.5	15.0
19700N 22660E	.5	29.0	6.0	22	2.7	3.4	2.6	224	.82	4.1	.2	4.2	.1	76	.6	.4	<.1	10	1.57	.071	16	4.2	.11	97	.003	1	.67	.007	.04	.1	.10	2.0	<.1	.06	2	.6	1.0
19700N 22680E	.1	4.3	.9	15	.2	.7	.3	22	.08	.9	<.1	.5	<.1	27	.2	.1	<.1	<1	.72	.037	<1	1.8	.04	46	.002	2	.05	.007	.03	<.1	.11	.3	<.1	.09	<1	<.5	1.0
19700N 22700E	.9	50.4	33.5	119	1.4	9.7	11.6	793	3.08	36.7	.5	2.9	.6	67	.8	1.1	.1	44	1.59	.090	9	12.5	.46	130	.012	1	1.57	.009	.05	.1	.07	4.1	.1	<.05	5	.6	1.0
19700N 22720E	1.3	91.5	38.6	207	2.5	15.9	18.4	1621	4.07	46.2	.6	5.1	.4	87	1.9	.6	.1	58	2.05	.182	13	16.8	.55	226	.005	1	2.59	.013	.11	.2	.12	6.2	.2	<.05	7	.7	7.5
19700N 22740E	1.4	53.9	27.1	149	.6	15.8	13.7	1053	4.63	37.2	.4	2.3	.2	37	.5	1.0	.1	78	.63	.078	10	19.7	.74	158	.024	1	2.90	.011	.08	.1	.04	5.0	.1	<.05	9	.5	15.0
19700N 22760E	1.1	35.0	19.3	109	.7	10.9	12.3	1390	3.98	31.9	.3	2.4	.2	34	.3	.8	.1	70	.61	.070	10	16.3	.68	124	.030	<1	2.31	.008	.06	.2	.04	4.6	.1	<.05	8	<.5	15.0
19700N 22780E	1.0	26.8	14.6	77	1.6	6.8	8.8	624	3.60	42.2	.2	<.5	.2	24	.2	1.0	.1	75	.47	.077	8	10.8	.32	95	.037	<1	1.49	.008	.06	.1	.03	3.5	.1	<.05	9	<.5	15.0
19700N 22800E	1.1	32.1	18.3	120	.6	11.1	10.2	553	6.52	30.3	.2	4.5	.4	8	.4	1.0	.1	84	.10	.084	6	18.6	.46	71	.037	1	2.33	.011	.05	.2	.07	4.0	.1	<.05	8	.5	15.0
19700N 22820E	1.1	19.1	11.1	58	.6	5.8	5.9	352	4.22	16.9	.1	.7	.2	6	.4	.7	.1	83	.07	.100	7	9.9	.19	49	.014	1	1.56	.007	.05	.2	.05	2.6	.1	<.05	9	<.5	15.0
19700N 22840E	2.3	46.5	23.3	81	.8	9.3	9.9	405	7.24	67.8	.1	4.0	.4	3	.1	3.4	.2	71	.03	.120	6	10.3	.20	50	.004	1	1.64	.005	.07	.3	.07	3.6	.1	<.05	7	.5	15.0
STANDARD DS5	13.0	144.4	25.4	138	.3	24.3	11.7	782	3.03	17.8	6.2	44.7	2.9	47	5.3	3.8	5.8	62	.77	.092	13	190.6	.69	132	.103	18	2.00	.034	.15	4.3	.17	3.6	1.0	<.05	7	4.8	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19700N 22860E	2.1	37.3	17.0	82	.6	9.0	9.3	477	4.86	39.9	.1	1.5	.3	4	.2	3.8	.1	47	.03	.084	5	5.7	.08	57	.003	2	.90	.005	.04	1.3	.05	3.5	.1	<.05	4	<.5	15.0
19700N 22880E	1.4	38.7	37.8	107	.4	9.4	8.7	701	6.79	57.6	.1	10.0	.4	4	.2	3.0	.1	66	.04	.084	5	13.1	.28	51	.013	2	1.48	.005	.03	.4	.06	3.8	.1	<.05	6	<.5	15.0
19700N 22900E	1.1	62.0	36.2	177	1.8	17.1	16.0	610	4.51	47.6	.3	11.1	.8	29	.8	2.5	.1	48	.56	.091	10	12.8	.54	108	.004	1	1.67	.007	.05	.3	.05	8.7	.1	<.05	5	.5	15.0
19700N 22920E	1.1	64.7	69.0	224	2.7	16.9	18.7	972	4.78	67.2	.3	26.5	.8	44	1.2	2.5	.1	54	.86	.110	12	15.6	.62	122	.008	2	1.98	.012	.07	.4	.08	8.5	.1	<.05	6	.9	7.5
19700N 22940E	1.0	43.4	65.2	151	.4	11.8	10.9	481	4.63	37.3	.2	12.0	.7	7	.4	2.0	.1	57	.14	.068	7	13.7	.45	70	.012	1	1.88	.005	.04	.2	.04	4.4	.1	<.05	5	.5	15.0
19700N 22960E	1.5	43.3	41.8	131	.9	9.8	9.7	622	5.68	77.2	.3	20.2	.7	8	.2	1.8	.1	79	.13	.105	7	14.0	.35	70	.013	1	2.05	.005	.06	.6	.09	4.7	.1	<.05	7	<.5	15.0
19700N 22980E	1.1	43.7	29.6	143	.6	12.3	15.0	529	4.71	44.7	.3	9.9	.9	18	.2	1.2	.1	72	.24	.058	8	15.9	.54	111	.027	1	2.19	.006	.04	.3	.03	6.7	.1	<.05	7	<.5	15.0
19700N 23000E	1.3	56.8	49.4	186	.6	23.3	23.7	1723	5.02	49.8	.2	14.8	1.0	32	1.0	2.3	.1	59	.56	.082	10	15.5	.65	95	.039	2	1.71	.008	.06	.2	.05	8.3	.1	<.05	5	.5	15.0
19600N 20500E	1.1	53.3	30.2	113	.2	11.7	11.4	382	4.49	55.8	.1	9.3	.8	6	.1	1.7	.1	53	.05	.079	11	11.2	.34	77	.002	1	1.73	.006	.05	.2	.03	4.6	.1	<.05	5	.6	15.0
19600N 20520E	1.3	36.8	21.3	74	.9	7.7	7.8	320	4.58	30.9	.1	2.5	.4	5	.1	1.4	.1	49	.04	.080	7	9.6	.16	55	.001	1	1.53	.008	.03	.3	.07	2.9	.1	<.05	6	.7	7.5
19600N 20540E	.5	14.7	7.8	32	.2	3.4	3.3	133	1.33	15.1	.1	1.6	.2	16	.1	.5	.1	20	.14	.030	3	3.3	.08	26	.001	1	.49	.005	.02	.1	.03	1.4	<.1	<.05	2	<.5	15.0
19600N 20560E	1.0	43.4	16.8	102	.6	13.1	11.0	739	3.83	20.4	.2	3.4	.6	112	.3	.5	.1	40	.69	.085	9	10.0	.33	145	.001	<1	1.44	.010	.06	.3	.06	6.9	.1	<.05	4	.6	15.0
19600N 20580E	1.1	56.6	18.7	93	.3	11.7	12.7	603	3.98	25.9	.2	2.2	.6	67	.3	.7	.1	34	.46	.073	10	7.4	.16	119	<.001	<1	.85	.007	.04	.6	.03	7.1	<.1	<.05	2	<.5	15.0
19600N 20600E	.5	25.1	10.7	37	.6	2.7	3.0	376	4.12	4.6	.1	<.5	.3	6	.1	.2	.2	54	.06	.130	9	7.5	.10	50	.001	2	1.17	.007	.03	.1	.08	2.5	.1	<.05	5	<.5	1.0
19600N 20620E	.7	29.3	16.7	65	.3	8.3	9.9	588	6.22	12.2	.1	2.6	.4	8	.1	.4	.2	61	.04	.084	8	12.2	.34	77	<.001	1	1.97	.006	.03	.1	.05	3.2	.1	<.05	7	.5	15.0
19600N 20640E	1.2	29.5	13.9	48	.2	6.4	4.5	157	3.61	10.2	.1	.6	.4	8	.1	.4	.1	70	.03	.048	8	11.3	.17	74	.001	1	1.52	.007	.02	.1	.05	2.2	.1	<.05	7	<.5	15.0
19600N 20660E	1.3	47.9	23.5	85	.1	10.4	9.3	502	6.06	31.6	.2	2.4	.6	7	.1	1.4	.1	109	.03	.086	9	17.8	.32	81	.002	<1	1.78	.006	.04	.2	.06	4.3	.1	<.05	8	<.5	7.5
RE 19600N 20660E	1.5	47.5	23.7	95	.1	10.0	9.6	497	6.16	31.9	.2	3.6	.6	7	.1	1.3	.1	115	.04	.084	9	18.8	.33	84	.002	<1	1.72	.006	.05	.2	.06	4.6	.1	<.05	8	<.5	7.5
19600N 20680E	1.1	41.1	17.3	75	.2	8.8	7.5	417	5.03	18.4	.1	.8	.5	5	.1	.7	.1	66	.04	.178	10	12.9	.30	46	.002	<1	1.56	.007	.05	.1	.05	4.1	.1	<.05	6	<.5	15.0
19600N 20700E	.8	25.3	54.8	57	.6	5.7	6.0	350	4.97	46.0	.1	1.2	.6	8	.2	1.4	.1	74	.05	.169	7	11.6	.19	40	.005	2	1.34	.006	.03	.2	.06	2.9	.1	<.05	7	<.5	7.5
19600N 20720E	2.9	43.3	16.3	58	.3	15.8	17.6	347	5.17	20.5	.1	<.5	.3	3	.2	.8	.1	45	.03	.070	5	11.1	.33	37	<.001	<1	1.68	.006	.03	<.1	.05	4.8	.1	<.05	5	<.5	15.0
19600N 20740E	1.4	51.0	20.7	83	.2	8.3	5.8	161	3.80	46.6	.1	9.3	.4	40	.2	1.4	.1	52	.03	.070	8	7.4	.09	74	.002	1	.82	.006	.03	.2	.03	4.1	.1	<.05	4	.5	15.0
19600N 20760E	.8	66.4	12.9	92	.1	11.2	5.1	119	4.58	13.0	.2	2.3	.6	49	.1	.5	.1	48	.02	.045	11	8.6	.07	77	<.001	<1	1.02	.006	.03	.1	.02	5.6	.1	<.05	2	<.5	15.0
19600N 20780E	1.3	50.2	34.5	140	.8	16.8	15.7	7642	3.96	59.0	.3	30.8	.6	51	1.8	1.6	.1	46	.68	.123	9	11.5	.38	256	.006	1	1.64	.007	.06	.3	.08	5.9	.2	<.05	4	.6	15.0
19600N 20800E	.8	35.0	5.6	67	.2	10.8	8.6	135	3.65	19.7	.1	1.8	.4	33	.1	1.2	.1	65	.03	.063	10	8.3	.08	58	<.001	1	.64	.004	.02	.1	.01	3.2	.1	<.05	5	<.5	7.5
19600N 20820E	1.3	96.9	92.5	634	2.4	11.0	15.5	1529	4.86	177.6	.6	53.5	.4	85	4.5	1.0	.3	50	1.62	.118	16	14.6	.32	99	.009	1	1.89	.008	.04	.2	.15	6.2	.1	<.05	7	1.5	15.0
19600N 20840E	1.6	78.0	106.1	318	3.5	14.8	18.5	2180	4.17	116.0	.6	25.2	.4	91	4.2	1.6	.1	42	1.72	.152	13	12.5	.33	82	.002	1	1.38	.011	.04	.1	.15	8.5	.1	<.05	3	1.9	7.5
19600N 20860E	1.2	105.9	45.5	168	2.3	15.7	13.8	1480	4.16	107.5	.4	25.7	.5	35	1.4	.9	.1	48	.65	.069	12	13.3	.59	88	.011	1	1.97	.007	.05	.3	.07	6.2	.1	<.05	6	.7	15.0
19600N 20880E	3.4	73.1	44.8	151	.6	9.0	13.2	479	4.86	314.9	.2	28.6	.3	30	1.6	1.3	.6	40	.47	.049	4	7.2	.09	60	.004	<1	.83	.008	.02	.2	.04	2.7	.1	<.05	6	1.0	15.0
19600N 20900E	1.4	469.4	1837.6	1396	12.4	13.6	14.8	659	8.65	941.0	4	268.1	.8	33	9.9	2.4	5.7	46	.65	.089	12	13.1	.49	53	.009	1	1.81	.007	.05	.3	.17	8.3	.1	<.05	6	1.8	15.0
19600N 20920E	1.2	46.2	376.4	309	1.7	9.6	20.4	1906	5.00	659.5	.2	83.6	.5	30	.8	1.2	.3	47	.57	.071	7	10.3	.29	60	.005	1	1.53	.006	.04	.4	.09	4.8	.1	<.05	6	.6	15.0
19600N 20940E	1.4	44.7	62.9	123	.6	7.2	7.4	440	6.96	209.0	.2	115.5	.6	9	.2	1.9	.5	72	.07	.043	7	12.0	.16	71	.006	<1	1.43	.006	.02	1.0	.03	4.1	.1	<.05	8	<.5	15.0
19600N 20960E	1.6	60.7	11.7	39	.1	7.4	10.0	232	4.05	215.5	.1	25.3	1.1	2	.1	3.4	.6	45	.03	.027	18	2.3	.03	19	.005	3	.46	.003	.03	.3	.01	2.6	.1	<.05	6	.5	7.5
19600N 20980E	1.8	52.9	32.8	227	.6	9.4	8.7	473	6.18	160.7	.2	16.3	.4	37	.8	1.7	.2	72	.81	.064	7	13.6	.35	77	.010	1	1.61	.006	.03	.3	.04	4.8	.1	<.05	8	.6	15.0
STANDARD DS5	13.2	144.7	25.2	138	.3	24.7	11.9	788	3.05	17.8	6.2	41.4	2.6	45	5.5	3.9	6.2	62	.75	.096	12	193.0	.68	134	.106	17	2.01	.034	.15	4.7	.17	3.5	1.1	<.05	6	4.9	15.0

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

Data k FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19600N 21000E	1.6	40.1	35.7	83	.2	5.8	5.7	215	5.51	113.7	.2	15.3	.3	19	.2	1.8	.2	76	.38	.037	6	9.1	.13	62	.012	<1	1.05	.006	.03	.4	.04	3.5	.1	<.05	6	<.5	15.0
19600N 21020E	1.7	42.9	51.5	110	.3	8.8	8.1	365	7.83	117.7	.2	46.1	.7	17	.3	1.7	.2	71	.31	.025	5	16.3	.30	49	.008	6	1.86	.006	.02	.4	.04	4.3	.1	<.05	6	<.5	15.0
19600N 21040E	1.4	18.5	29.5	48	.4	4.5	4.6	213	2.81	65.0	.1	7.7	.2	15	.2	.9	.2	66	.22	.033	6	5.6	.10	60	.008	<1	.84	.006	.03	.2	.04	2.0	<.1	<.05	7	<.5	7.5
19600N 21060E	1.1	106.9	150.6	287	2.8	16.1	16.6	921	4.95	520.3	.6	69.7	.5	49	1.6	1.9	.3	48	.97	.077	10	14.7	.42	113	.005	1	1.92	.007	.04	.4	.13	9.0	.1	.07	5	1.6	15.0
19600N 21080E	.9	74.9	99.5	177	3.6	16.4	16.9	1300	4.04	230.1	.5	54.7	.4	50	1.9	1.3	.2	46	1.05	.118	12	13.2	.41	121	.005	<1	1.98	.008	.04	.3	.15	7.6	.1	.09	5	1.5	7.5
19600N 21100E	1.5	28.4	70.0	159	1.1	4.7	7.4	429	3.34	332.3	.1	71.7	.1	31	.6	1.2	.4	63	.57	.046	6	5.9	.12	55	.004	<1	.98	.009	.03	.4	.03	1.8	.1	<.05	9	<.5	7.5
19600N 21120E	.9	55.5	59.8	326	1.0	16.0	15.5	850	4.29	159.6	.3	155.8	.7	34	1.2	1.8	.5	52	.61	.084	10	13.7	.63	59	.023	<1	1.74	.008	.05	.3	.05	7.5	<.1	<.05	5	.6	15.0
19600N 21140E	1.0	71.4	206.4	276	2.5	9.6	6.9	415	4.48	243.5	.5	310.1	.4	49	1.2	1.3	.4	40	1.06	.071	10	9.3	.24	51	.003	<1	1.63	.007	.04	.5	.12	5.1	.1	.08	5	1.8	7.5
19600N 21160E	1.2	73.6	280.1	174	12.1	17.5	20.8	1825	5.09	97.3	1.5	69.3	1.1	39	2.6	1.7	.1	43	.69	.209	32	17.8	.25	115	.005	<1	3.67	.011	.05	.5	.50	15.3	.1	.08	4	2.7	15.0
19600N 21180E	.9	45.8	51.3	150	1.1	15.4	14.2	738	4.70	97.1	.2	27.6	.7	20	.5	1.7	.1	51	.33	.038	8	13.3	.46	105	.006	7	1.83	.007	.04	.5	.04	5.2	.1	<.05	5	.6	7.5
19600N 21200E	1.2	30.0	37.8	82	.4	6.1	7.1	564	3.44	78.3	.1	10.0	.1	5	.1	1.6	.1	57	.03	.065	6	7.2	.17	39	.008	<1	1.30	.007	.04	.5	.03	2.1	.1	<.05	6	<.5	7.5
19600N 21220E	1.1	45.8	54.4	122	.9	10.3	10.5	508	5.64	103.9	.2	12.1	.5	10	.3	2.3	.1	63	.11	.042	7	14.0	.38	70	.011	<1	1.88	.006	.04	.5	.04	4.6	.1	<.05	7	.5	7.5
RE 19600N 21220E	1.2	48.7	54.0	126	.9	11.1	10.9	531	5.59	103.2	.2	15.2	.5	10	.4	2.4	.1	62	.11	.046	6	13.9	.40	71	.009	<1	1.92	.006	.04	.7	.04	4.7	.1	<.05	7	<.5	7.5
19600N 21240E	1.1	48.0	48.6	164	1.1	15.8	13.7	811	4.61	97.9	.3	21.9	.7	20	.5	1.8	.1	53	.25	.057	10	13.9	.59	96	.011	<1	2.06	.007	.05	.5	.05	6.4	.1	<.05	6	.6	15.0
19600N 21260E	1.1	47.7	184.4	107	.7	10.1	9.8	488	6.20	103.9	.3	26.3	.3	8	.3	2.8	.1	62	.08	.060	7	14.1	.40	51	.012	<1	1.97	.007	.04	.6	.05	4.0	.1	<.05	7	.6	15.0
19600N 21280E	1.4	66.5	49.0	158	.8	16.0	18.2	1527	4.08	66.2	.6	38.0	.5	53	.7	1.8	.1	52	.99	.087	10	14.6	.56	103	.024	1	2.13	.009	.05	.5	.08	8.7	.1	<.05	5	1.7	15.0
19600N 21300E	1.1	29.4	40.0	91	.4	7.5	7.6	370	5.34	67.8	.2	22.5	.7	5	.2	1.4	.1	68	.04	.050	6	11.8	.28	59	.007	7	1.99	.006	.04	.5	.04	3.8	.1	<.05	7	<.5	15.0
19600N 21320E	1.3	28.8	43.0	83	.3	5.7	6.2	293	3.11	43.7	.2	32.7	.3	14	.2	.9	.1	54	.20	.040	7	7.1	.19	72	.006	<1	1.45	.008	.04	.4	.03	2.9	.1	<.05	7	<.5	7.5
19600N 21340E	1.9	38.4	43.4	177	.9	13.2	10.9	737	4.27	63.4	.3	39.3	.3	50	.6	1.1	.1	65	.73	.053	9	15.4	.56	126	.017	<1	2.10	.008	.05	.3	.04	4.7	.1	<.05	7	.6	15.0
19600N 21360E	4.7	69.7	86.4	227	4.3	13.7	12.9	2887	3.63	139.7	2.0	50.0	.6	102	3.3	1.2	.2	39	1.96	.251	26	15.2	.38	158	.009	2	2.75	.010	.05	.1	.27	11.1	.2	.13	5	3.7	7.5
19600N 21380E	2.0	46.7	62.8	239	1.1	12.4	13.7	711	4.62	164.9	.9	24.4	.5	60	.9	1.4	.1	50	.95	.070	13	15.3	.40	127	.005	<1	2.00	.009	.05	.3	.08	7.0	.1	<.05	5	1.5	15.0
19600N 21400E	2.0	26.4	46.7	55	.3	5.5	6.3	301	3.59	63.2	.2	13.8	.4	10	.1	1.1	.5	78	.12	.032	7	8.6	.20	67	.010	4	1.47	.007	.03	.2	.04	3.4	.1	<.05	9	.6	7.5
19600N 21420E	11.5	41.4	53.5	150	2.1	15.7	24.3	2491	7.78	404.1	2.0	21.6	.7	87	.6	1.1	.1	50	1.39	.127	12	16.6	.59	210	.006	<1	2.18	.011	.04	.4	.13	9.3	.1	.07	5	4.6	15.0
19600N 21440E	1.1	35.8	47.5	95	.7	7.7	7.1	325	5.00	49.1	.2	10.4	.3	6	.4	1.2	.2	70	.05	.055	6	12.4	.32	55	.015	<1	2.05	.008	.04	.2	.07	3.5	.1	<.05	8	<.5	15.0
19600N 21460E	1.2	31.2	21.8	124	.5	12.0	9.7	587	4.01	40.9	.2	8.7	.2	17	.3	1.0	.1	62	.22	.048	7	15.3	.56	117	.014	8	2.10	.009	.04	.2	.03	3.5	.1	<.05	7	<.5	15.0
19600N 21480E	2.0	46.9	93.7	144	1.0	12.1	30.2	2046	5.12	66.6	.5	10.3	.5	34	1.0	.9	.2	72	.45	.121	8	13.4	.36	175	.004	<1	2.37	.012	.06	.3	.06	5.4	.1	<.05	8	.6	7.5
19600N 21500E	1.7	53.5	30.7	57	1.6	6.9	8.1	346	2.93	33.3	1.4	6.2	.2	93	.5	.8	.1	48	1.54	.056	17	10.7	.20	116	.011	<1	1.78	.009	.03	.2	.11	5.1	.1	<.05	6	2.0	15.0
19600N 21520E	1.1	29.5	14.6	40	.6	7.1	6.0	267	5.98	21.7	.3	.5	.4	4	.1	.9	.1	73	.05	.030	6	14.7	.31	34	.042	<1	1.98	.006	.02	.2	.08	3.8	<.1	<.05	8	<.5	15.0
19600N 21540E	1.2	31.4	20.3	70	.6	8.0	7.1	296	4.84	23.8	.4	1.3	.3	6	.5	.9	.1	74	.08	.051	8	14.3	.33	60	.020	<1	2.77	.006	.02	.2	.08	4.1	.1	<.05	9	.9	15.0
19600N 21560E	1.1	33.8	23.6	45	.9	5.3	5.9	318	8.33	32.9	.3	20.8	.1	6	.4	1.1	.1	93	.04	.067	6	14.0	.21	38	.023	<1	2.07	.007	.02	.2	.11	2.9	.1	<.05	9	.6	15.0
19600N 21580E	1.3	54.0	154.7	179	.9	12.9	12.9	992	5.37	120.9	.3	83.6	.6	8	.4	1.8	.2	55	.14	.063	7	14.5	.47	55	.018	<1	2.32	.007	.03	.3	.11	4.7	.1	<.05	6	.8	15.0
19600N 21600E	3.9	242.2	15.3	50	5.3	14.4	9.6	1206	6.00	687.2	4.9	53.1	1.6	91	2.6	3.6	.1	34	2.29	.334	43	12.5	.13	125	.034	13	2.85	.010	.01	.3	.62	18.8	.1	.38	7	10.2	7.5
19600N 21620E	.9	22.3	15.8	46	.5	6.4	4.7	218	3.13	28.1	.2	1.1	.1	8	.3	.8	.1	59	.09	.036	7	9.3	.23	58	.015	<1	1.61	.008	.02	.2	.04	2.2	.1	<.05	8	<.5	15.0
19600N 21640E	6.2	32.7	63.6	168	1.8	11.1	24.0	14696	5.56	76.1	.9	5.9	1.0	74	4.0	1.5	.2	35	1.49	.366	14	16.5	.13	221	.016	<1	3.83	.009	.04	.2	.16	4.9	.2	.12	6	1.9	7.5
STANDARD DS5	13.0	145.0	24.9	141	.3	24.1	12.4	794	3.03	17.9	6.2	41.4	2.7	45	5.6	4.0	6.0	59	.73	.089	11	185.0	.70	132	.095	16	1.96	.034	.15	4.9	.16	3.3	1.1	<.05	6	4.9	15.0

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

Data A FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19600N 21660E	5.4	79.1	26.2	109	2.7	11.2	15.5	5343	2.61	128.4	4.3	16.1	.4	127	2.1	1.6	.1	25	3.16	.173	30	12.8	.23	198	.006	3	1.93	.013	.03	.1	.21	9.1	.2	.18	2	6.4	1.0
19600N 21680E	1.2	72.2	14.7	35	2.5	6.1	3.8	448	1.80	24.6	6.2	18.8	.3	147	.7	.9	.1	16	3.08	.074	22	10.7	.09	102	.057	3	1.68	.011	.01	<.1	.29	8.1	<.1	.08	4	4.0	1.0
19600N 21700E	3.5	15.3	9.0	34	.3	3.3	3.8	131	4.14	27.8	.2	6.8	.3	14	.5	.6	.2	99	.18	.038	10	8.6	.12	109	.006	1	1.80	.006	.02	.2	.03	3.1	<.1	<.05	12	<.5	15.0
19600N 21720E	3.7	45.0	125.5	135	1.2	11.9	11.0	861	5.18	62.5	1.0	20.6	.6	76	1.3	1.1	.2	42	1.21	.102	16	14.5	.27	112	.014	2	3.60	.009	.03	.2	.14	6.4	.1	<.05	6	1.5	15.0
19600N 21740E	2.1	15.0	7.3	23	.2	2.6	2.8	76	1.19	13.0	.2	2.4	.1	102	.3	.5	.1	30	1.92	.038	6	3.4	.07	101	.003	<1	.75	.006	.03	.2	.05	1.3	<.1	<.05	4	.8	15.0
19600N 21760E	7.3	110.7	23.2	114	5.9	12.2	8.6	5001	2.54	101.5	2.8	40.3	.7	125	2.0	1.5	.1	25	2.82	.298	47	14.3	.25	172	.010	3	2.70	.009	.03	<.1	.36	9.1	.2	.13	4	4.8	7.5
19600N 21780E	1.5	34.2	13.7	79	1.0	6.7	6.5	419	2.73	42.9	.4	18.0	.1	8	.3	.8	.2	44	.06	.069	8	9.0	.27	56	.003	<1	1.73	.006	.04	.2	.08	1.6	.1	<.05	6	<.5	7.5
19600N 21800E	1.2	33.9	16.5	70	1.0	9.2	7.2	346	3.65	45.1	.2	8.6	.2	6	.2	1.0	.1	61	.04	.039	7	14.1	.46	43	.010	<1	2.07	.006	.04	.4	.07	3.1	.1	<.05	7	<.5	15.0
19600N 22200E	.6	41.8	44.6	22	2.7	3.7	9.5	390	1.21	20.1	.7	5.7	.1	149	.9	.8	.1	10	3.92	.111	15	5.1	.17	82	.007	2	1.08	.007	.02	.1	.18	1.7	<.1	.10	2	1.2	7.5
19600N 22220E	1.6	26.4	18.2	63	.5	5.8	5.3	299	5.12	62.1	.2	7.0	.2	8	.3	1.0	.1	82	.12	.056	7	13.8	.17	111	.006	<1	1.42	.006	.04	.2	.06	3.2	.1	<.05	9	<.5	7.5
19600N 22240E	.6	23.4	9.9	28	.4	4.2	3.4	107	1.69	28.6	.2	3.2	.4	7	.2	.5	.1	27	.10	.071	8	4.4	.08	71	.001	1	.99	.008	.04	.1	.05	1.9	.1	<.05	4	<.5	1.0
19600N 22260E	1.4	22.2	15.7	72	.7	5.1	6.1	428	3.43	32.1	.2	2.8	.2	49	.2	.9	.1	48	1.45	.045	5	6.7	.18	55	.007	<1	.97	.006	.03	.2	.06	2.7	<.1	<.05	5	<.5	1.0
19600N 22280E	.6	31.2	9.7	77	1.4	4.8	3.1	295	2.04	18.1	.6	5.2	.1	110	1.2	.6	.1	25	3.16	.063	9	7.2	.24	102	.008	2	1.08	.008	.03	.2	.10	2.4	<.1	.08	3	1.2	7.5
19600N 22300E	1.2	25.6	7.5	127	.6	11.1	8.9	476	4.84	55.2	.2	1.3	.4	30	.3	1.4	.1	31	.89	.048	7	5.5	.11	93	<.001	<1	.79	.005	.05	.3	.02	5.2	.1	<.05	3	<.5	7.5
19600N 22320E	12.1	141.7	23.5	135	.3	23.9	11.4	768	3.02	19.0	5.7	41.0	2.9	45	5.5	3.8	5.8	59	.72	.083	12	188.4	.67	127	.090	17	1.95	.032	.14	4.7	.17	4.2	1.0	<.05	6	4.8	7.5
19600N 22340E	.8	43.7	33.6	109	2.2	11.5	11.2	1702	2.81	64.7	.8	17.6	.3	132	.7	1.2	.2	33	3.04	.118	10	12.1	.41	167	.009	3	1.52	.009	.04	.2	.17	6.0	.1	.08	3	3.2	15.0
19600N 22360E	.6	15.4	8.3	46	.5	4.1	3.9	202	1.95	20.4	.2	3.6	.1	100	.4	.6	.1	37	2.27	.049	6	8.0	.26	88	.009	2	.93	.007	.03	.2	.08	1.9	<.1	<.05	4	.6	1.0
19600N 22380E	.5	33.7	8.0	30	1.4	2.5	2.9	158	1.18	21.1	.5	3.0	.1	161	.6	.5	.1	13	3.93	.065	16	5.1	.18	98	.008	3	.80	.008	.02	.1	.12	1.6	<.1	.08	2	.9	1.0
19600N 22400E	.5	75.0	5.9	124	1.8	5.1	1.8	525	.40	34.9	1.5	5.3	.2	225	3.0	1.2	<.1	3	4.69	.100	18	5.7	.20	129	.002	7	.87	.008	.02	<.1	.20	3.6	.1	.11	<1	3.7	1.0
19600N 22420E	2.4	155.5	56.7	625	5.9	16.9	18.2	6082	3.10	363.8	2.5	18.5	1.3	128	11.2	3.2	.1	30	2.75	.311	43	15.4	.33	231	.011	4	2.71	.010	.05	.1	.43	20.1	.3	.10	5	4.6	1.0
19600N 22440E	.4	15.4	3.7	34	.2	2.4	1.8	69	1.22	10.6	.1	1.3	.2	53	.3	.5	.1	21	1.07	.037	4	4.0	.09	64	.002	2	.53	.006	.02	.1	.04	1.7	<.1	<.05	2	.6	1.0
19600N 22460E	1.6	104.2	26.7	65	1.4	8.5	10.2	2825	1.94	28.5	.7	1.9	.1	136	1.9	1.5	.1	26	3.11	.094	11	8.2	.23	161	.015	4	1.04	.009	.03	.2	.14	1.9	.1	<.05	5	1.2	1.0
19600N 22480E	1.3	19.4	15.1	68	.3	5.9	7.3	420	3.35	40.8	.2	1.8	.1	82	.3	1.0	.1	50	2.00	.051	5	10.3	.31	107	.019	2	1.00	.006	.03	.2	.04	2.7	<.1	<.05	6	.5	15.0
19600N 22500E	.5	15.7	3.7	30	.6	3.2	1.2	57	.59	6.7	.2	.7	.1	106	.5	.3	<.1	12	2.69	.054	5	5.8	.12	91	.010	2	.43	.008	.02	.2	.09	.9	<.1	.07	1	.5	1.0
RE 19600N 22500E	.5	14.6	3.4	27	.6	2.9	1.1	53	.53	6.0	.1	.8	.1	100	.5	.4	.1	11	2.48	.051	5	5.1	.12	87	.009	3	.39	.008	.02	.1	.09	.7	<.1	.07	1	.5	1.0
19600N 22520E	4.0	44.9	23.7	194	.6	12.0	16.8	6084	3.96	64.9	.3	1.6	.2	58	3.9	1.2	.2	57	1.39	.083	9	17.9	.69	172	.019	1	2.68	.009	.04	.2	.06	5.2	.1	.16	7	.5	7.5
19600N 22540E	.3	20.8	2.0	18	.6	2.6	.6	58	.17	2.6	.1	.8	.1	122	1.1	.7	<.1	2	3.19	.046	4	2.6	.11	82	.003	2	.46	.010	.01	<.1	.08	1.0	<.1	.12	<1	.7	1.0
19600N 22560E	.7	38.7	2.4	25	1.2	4.5	.5	119	.22	7.6	.2	2.2	.1	153	1.5	2.1	<.1	2	4.12	.072	12	3.1	.17	88	.002	3	.72	.012	.02	<.1	.10	1.9	<.1	.12	<1	1.1	1.0
19600N 22580E	.9	24.0	25.0	93	.6	6.0	7.3	458	2.64	83.2	.2	13.0	.2	64	.4	1.0	.1	35	1.52	.043	7	9.0	.31	119	.003	1	1.15	.009	.04	.2	.05	3.2	.1	<.05	4	.5	7.5
19600N 22600E	.2	8.5	2.5	19	.4	1.4	.8	52	.40	5.2	.1	<.5	<.1	100	.4	.2	<.1	7	2.40	.029	1	3.0	.14	76	.017	3	.22	.008	.01	<.1	.05	.7	<.1	.07	1	<.5	1.0
19600N 22620E	.9	31.9	10.9	47	.4	3.7	2.4	86	1.00	20.9	.1	2.2	.1	51	.7	.7	.1	24	1.10	.027	5	3.9	.09	86	.013	<1	.42	.007	.03	.3	.04	.9	<.1	<.05	3	<.5	7.5
19600N 22640E	3.2	44.7	82.1	146	.9	12.5	22.0	8532	4.29	64.4	.5	3.3	.8	56	2.9	1.4	.6	55	1.06	.114	9	16.5	.35	230	.006	1	2.60	.011	.09	.5	.10	5.2	.2	<.05	8	.7	7.5
19600N 22660E	3.0	46.6	81.6	166	.9	13.8	24.9	9590	4.63	64.1	.4	1.5	.5	53	2.8	1.3	.2	67	1.16	.130	9	14.6	.39	229	.004	<1	3.08	.012	.09	.4	.10	6.4	.2	.13	9	<.5	7.5
19600N 22680E	1.6	39.8	16.4	105	.3	11.2	10.5	574	4.93	55.5	.3	1.5	.2	25	.2	1.3	.2	77	.42	.059	8	14.8	.45	124	.006	<1	2.07	.009	.06	.3	.03	4.2	.1	<.05	9	.5	15.0
STANDARD DS5	12.7	147.0	24.3	138	.3	25.1	11.8	781	2.99	18.0	6.0	42.6	2.6	47	5.6	3.8	5.9	61	.72	.082	12	188.7	.66	135	.090	18	1.96	.031	.15	4.7	.17	3.3	1.0	<.05	6	4.9	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19600N 22700E	2.3	52.6	91.4	183	1.3	13.5	34.0	5285	6.26	64.0	.4	4.7	.8	52	1.1	.9	.2	90	.87	.096	7	19.1	.49	225	.003	1	3.24	.016	.12	.2	.05	6.5	.2	<.05	11	<.5	1.0
19600N 22720E	.9	12.5	37.8	43	.6	3.8	3.7	229	2.59	126.1	.1	.6	.1	17	.3	1.5	.1	63	.29	.030	6	7.5	.19	74	.010	<1	1.01	.008	.03	.3	.04	1.9	.1	<.05	8	<.5	7.5
19600N 22740E	.9	31.8	24.3	132	.6	11.3	9.6	598	3.54	29.0	.2	2.8	.4	29	.4	.9	.1	56	.44	.055	8	14.2	.52	129	.006	1	2.20	.008	.04	.2	.03	4.8	.1	<.05	7	<.5	7.5
19600N 22760E	.9	29.7	30.7	138	.8	10.6	11.3	429	3.72	52.3	.3	7.6	.6	17	.4	.8	.1	58	.23	.057	7	13.7	.37	126	.003	1	2.03	.010	.06	.2	.06	4.9	.1	<.05	6	<.5	1.0
19600N 22780E	.8	29.1	32.8	109	.3	12.0	12.8	953	3.96	34.9	.2	6.4	.5	10	.5	1.3	.1	53	.17	.069	8	14.0	.51	96	.007	<1	1.59	.006	.04	.2	.03	4.3	<.1	<.05	5	<.5	7.5
19600N 22800E	1.0	27.0	32.9	140	.7	7.5	8.4	1955	2.80	39.4	.3	1.9	.5	23	1.4	1.1	.2	45	.30	.068	10	9.5	.21	188	.002	1	1.72	.008	.05	.2	.07	4.6	.1	<.05	6	<.5	7.5
19600N 22820E	1.7	23.1	15.3	65	1.0	5.4	7.1	587	7.70	35.4	.2	.9	.4	4	.1	1.0	.2	107	.03	.143	5	13.2	.19	45	.026	2	1.63	.007	.03	.3	.09	2.8	.1	<.05	9	<.5	7.5
19600N 22840E	1.3	35.3	22.1	79	1.7	8.8	7.9	378	6.64	49.2	.1	3.2	.6	3	.4	1.6	.1	72	.02	.091	6	14.7	.29	36	.012	1	1.68	.005	.03	.3	.08	3.9	.1	<.05	7	<.5	15.0
19600N 22860E	.9	41.2	47.7	131	.7	13.3	9.1	399	4.65	43.7	.2	6.6	.7	8	.5	1.5	.1	52	.12	.070	6	15.5	.41	71	.006	1	2.38	.007	.05	.3	.09	4.6	.1	<.05	6	<.5	7.5
19600N 22880E	.8	32.9	31.3	105	.4	10.6	8.5	414	3.71	32.6	.1	5.0	.6	10	.4	1.5	.1	48	.11	.060	7	12.8	.37	70	.006	1	1.55	.008	.05	.2	.05	4.2	.1	<.05	5	<.5	1.0
19600N 22900E	.6	33.1	37.4	121	.6	12.3	12.2	627	4.03	32.7	.2	12.4	.6	18	.3	1.3	.1	53	.26	.059	9	14.6	.52	93	.012	<1	1.79	.011	.05	.2	.03	5.0	.1	<.05	6	<.5	15.0
19600N 22920E	1.3	50.2	84.8	160	.5	12.9	15.7	730	5.55	107.9	.2	29.7	.8	8	.5	1.8	.1	68	.06	.042	6	16.0	.35	128	.006	<1	2.14	.008	.06	.2	.05	5.9	.1	<.05	7	<.5	1.0
RE 19600N 22920E	1.2	48.7	87.1	153	.5	13.0	14.6	687	5.38	107.0	.2	25.7	.8	7	.6	1.6	.1	65	.06	.043	6	15.9	.35	130	.002	<1	2.11	.008	.06	.2	.04	6.1	.1	<.05	7	<.5	1.0
19600N 22940E	.8	37.5	61.7	148	.8	12.1	15.2	691	4.38	49.2	.2	16.1	.8	11	.4	1.5	.1	55	.14	.051	9	14.9	.54	101	.007	<1	1.92	.007	.05	.2	.05	5.8	.1	<.05	6	<.5	7.5
19600N 22960E	1.1	43.8	74.9	207	2.1	11.6	19.5	998	4.59	65.0	.2	13.3	.7	28	.9	1.1	.1	62	.43	.062	9	14.4	.40	144	.002	1	2.04	.012	.08	.2	.10	6.5	.1	<.05	6	<.5	1.0
19600N 22980E	1.0	47.0	44.7	201	1.3	11.8	12.4	889	4.16	63.5	.3	11.4	.6	27	.9	1.3	.1	57	.47	.079	11	14.5	.45	120	.004	1	2.27	.010	.07	.4	.05	6.8	.1	<.05	6	<.5	1.0
19600N 23000E	.9	51.6	42.8	162	1.1	14.3	13.9	830	4.24	57.4	.2	20.5	.8	26	.8	2.0	.1	48	.45	.087	11	13.4	.58	67	.022	<1	1.69	.007	.04	.3	.04	7.3	<.1	<.05	5	<.5	15.0
19600N 23020E	.9	52.7	52.5	154	.9	16.2	18.0	1037	4.35	60.9	.2	18.5	.9	28	1.1	1.9	.2	50	.49	.101	12	14.1	.66	76	.029	1	1.87	.012	.05	.5	.04	7.7	.1	<.05	5	<.5	15.0
19500N 20500E	1.0	41.8	38.5	115	.6	8.1	6.8	280	3.20	68.1	.1	23.6	.3	16	.3	1.6	.1	45	.14	.058	9	7.9	.14	70	.002	1	.89	.007	.05	.4	.05	3.7	.1	<.05	4	<.5	7.5
19500N 20520E	1.1	35.7	51.2	124	.8	9.9	9.7	451	3.77	66.2	.2	28.7	.6	19	.3	1.4	.1	44	.16	.049	9	9.6	.28	56	.002	1	1.29	.007	.05	.3	.03	4.2	.1	<.05	4	<.5	7.5
19500N 20540E	1.0	33.6	38.4	114	.6	8.6	7.4	312	4.02	60.9	.1	17.8	.5	14	.5	1.3	.1	50	.08	.037	8	8.7	.21	62	.001	1	1.28	.008	.05	.3	.03	3.2	.1	<.05	5	<.5	15.0
19500N 20560E	.7	29.2	44.1	94	.5	7.3	5.8	213	3.00	50.2	.2	19.1	.6	11	.2	1.1	.1	38	.05	.027	10	7.5	.21	54	.002	1	1.45	.006	.03	.2	.04	2.7	.1	<.05	5	<.5	15.0
19500N 20580E	1.0	44.1	43.2	136	.4	12.4	12.0	1758	4.67	50.7	.2	20.8	.6	11	.3	1.1	.2	60	.05	.054	8	13.0	.32	102	.002	1	1.78	.007	.05	.2	.04	4.7	.1	<.05	6	<.5	15.0
19500N 20600E	1.1	51.5	54.8	136	.7	13.6	17.1	1241	4.86	58.5	.1	15.3	.6	21	.3	1.9	.1	53	.20	.072	10	12.1	.31	109	.002	1	1.54	.008	.08	.4	.03	5.0	.1	<.05	4	<.5	15.0
19500N 20620E	1.0	41.9	32.0	93	.5	8.8	8.2	611	4.06	57.3	.1	16.8	.5	9	.2	1.6	.2	55	.03	.065	8	8.9	.16	37	.001	2	1.15	.006	.04	.3	.04	3.3	.1	<.05	4	<.5	7.5
19500N 20640E	.8	43.5	43.3	131	.4	11.2	12.5	1690	4.61	48.9	.2	20.1	.5	10	.4	1.1	.2	59	.05	.054	7	12.0	.33	102	.002	1	1.93	.007	.05	.2	.04	4.4	.1	<.05	6	<.5	15.0
19500N 20660E	.9	42.4	20.6	87	.2	9.4	9.3	565	4.32	36.7	.2	3.1	.5	9	.1	1.0	.1	56	.03	.059	7	11.0	.30	67	.004	<1	1.65	.006	.03	.2	.04	3.8	.1	<.05	5	<.5	15.0
19500N 20680E	.8	38.9	20.8	87	.2	9.9	13.4	587	4.89	27.1	.1	3.4	.5	56	.1	.8	.1	42	.11	.084	5	8.1	.07	75	<.001	1	.69	.007	.03	.4	.04	6.5	<.1	<.05	2	<.5	15.0
19500N 20700E	1.0	44.7	10.5	77	.2	10.8	8.7	206	3.22	30.4	.1	4.0	.4	42	.1	.8	.1	51	.07	.055	11	7.2	.06	43	.001	1	.68	.006	.02	.1	.02	3.9	.1	<.05	3	<.5	15.0
19500N 20720E	1.1	48.7	25.0	138	2.6	10.4	14.5	4310	3.79	44.9	.2	11.9	.6	49	.6	1.0	.2	52	.37	.099	10	10.3	.12	270	.001	1	1.23	.007	.05	.1	.09	6.2	.1	<.05	4	.6	7.5
19500N 20740E	.9	49.8	85.2	190	.9	11.0	15.1	917	4.40	149.8	.2	77.9	.6	38	.5	1.7	.3	42	.59	.052	7	9.9	.34	111	.001	1	1.43	.007	.04	.4	.05	5.0	.1	<.05	4	<.5	15.0
19500N 20760E	1.0	53.3	89.2	214	.9	12.1	17.1	795	4.36	161.3	.8	102.7	.6	41	.6	1.8	.3	45	.63	.052	7	9.8	.36	111	.001	1	1.62	.007	.04	.5	.05	4.5	.1	<.05	4	<.5	15.0
19500N 20780E	.7	82.6	58.4	107	1.9	11.3	9.4	1380	1.95	68.8	.2	37.0	.3	123	1.9	1.2	.1	20	2.58	.119	11	7.3	.29	93	.002	3	1.10	.009	.04	.2	.16	5.6	.1	.08	2	1.7	1.0
19500N 20800E	.4	19.0	3.5	34	.5	3.1	2.5	100	1.86	27.8	.1	3.6	.4	58	.4	.2	.1	30	1.13	.027	8	4.7	.19	88	<.001	1	.93	.006	.04	.1	.04	2.0	<.1	.07	4	<.5	7.5
STANDARD DS5	12.7	140.4	25.3	133	.3	24.5	11.6	736	2.93	17.4	6.2	44.1	2.6	46	5.3	3.8	5.9	58	.72	.087	11	187.5	.67	132	.090	17	1.94	.033	.14	4.8	.17	3.3	1.0	<.05	6	4.8	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19500N 20820E	.5	43.3	8.2	31	1.5	5.2	2.2	121	.60	19.4	.2	4.4	.2	160	1.5	.5	.1	7	3.50	.056	10	3.4	.22	81	.003	4	.46	.010	.02	.1	.08	2.1	<.1	.18	1	.6	7.5
19500N 20840E	.6	18.5	4.8	26	.3	4.2	5.6	148	1.43	11.9	.1	2.7	.3	50	.2	.3	.1	44	.39	.043	8	5.6	.10	48	<.001	3	.59	.008	.03	.1	.03	1.7	.1	.12	4	<.5	7.5
19500N 20860E	1.5	98.5	148.5	286	7.3	17.9	14.5	2271	4.10	219.8	.8	57.8	.5	94	4.7	1.4	.3	34	1.89	.203	13	12.0	.41	117	.004	1	2.11	.009	.06	.3	.28	9.8	.2	.16	4	2.0	1.0
19500N 20880E	1.2	39.3	35.5	85	.4	5.9	6.4	354	5.34	112.8	.2	36.3	.5	46	.4	1.4	.2	66	.88	.036	9	9.5	.21	59	.005	<1	1.30	.007	.03	.2	.04	3.6	.1	.06	7	<.5	7.5
19500N 20900E	1.4	41.7	55.7	152	.6	7.2	9.9	561	5.00	188.1	.2	17.9	.2	48	.9	.9	.2	47	.83	.060	7	9.6	.23	62	.007	10	1.35	.007	.04	.2	.03	3.3	.1	.07	7	<.5	7.5
19500N 20920E	2.1	54.1	93.2	247	1.3	8.2	9.9	386	6.38	472.0	.3	60.1	.6	47	1.0	1.3	.4	72	.75	.056	9	12.6	.22	75	.006	2	1.84	.009	.04	.4	.07	5.1	.1	<.05	10	.5	15.0
19500N 20940E	1.2	35.0	31.5	75	.2	5.1	5.9	302	3.73	228.4	.1	35.4	.3	8	.1	1.5	.2	77	.06	.034	9	6.1	.06	39	.004	1	1.08	.006	.03	.5	.03	2.9	.1	<.05	7	<.5	15.0
19500N 20960E	.9	47.8	28.8	168	1.8	13.8	10.0	1231	3.88	120.0	.3	52.9	.3	44	.9	.9	.2	47	.78	.080	12	12.5	.49	86	.010	2	1.86	.008	.05	.4	.08	6.0	.1	<.05	6	<.5	7.5
19500N 20980E	2.4	51.8	173.2	129	1.6	8.9	16.1	1034	8.84	1409.9	.3	604.4	.4	8	1.4	2.3	.3	41	.11	.115	6	9.3	.28	49	.004	<1	1.62	.008	.04	4.0	.13	4.0	.1	<.05	5	1.3	7.5
19500N 21000E	1.4	21.7	21.6	49	.6	4.3	4.6	267	3.30	63.7	.1	16.7	.2	7	.2	1.2	.2	80	.04	.039	8	6.1	.08	37	.009	<1	1.17	.005	.03	.5	.03	2.1	.1	<.05	8	<.5	15.0
19500N 21020E	.9	76.5	165.2	226	5.2	12.0	10.9	2660	2.41	237.0	.6	33.1	.3	106	5.7	1.2	.1	22	2.86	.177	15	8.3	.33	107	.005	2	1.52	.009	.04	.2	.23	6.0	.1	.17	3	2.0	1.0
19500N 21040E	1.1	88.4	133.9	125	7.6	10.0	13.8	2724	2.31	239.0	1.6	44.2	.3	140	3.0	1.4	.1	18	3.11	.196	17	10.3	.29	117	.005	3	1.65	.009	.03	.2	.28	7.7	.1	.18	2	3.1	1.0
19500N 21060E	.9	67.3	74.5	187	2.3	10.1	10.3	1285	2.90	291.5	.5	46.3	.2	90	1.7	1.1	.2	31	2.28	.122	12	10.1	.33	123	.005	2	1.50	.010	.05	.6	.15	5.2	.1	.12	4	1.2	7.5
19500N 21080E	1.0	59.9	74.4	169	1.9	11.5	12.5	1307	3.45	200.1	.5	24.9	.3	69	1.6	1.2	.1	40	1.71	.127	10	10.9	.38	110	.006	2	1.64	.009	.05	.2	.12	6.0	.1	.12	4	1.4	7.5
19500N 21100E	.5	33.1	9.6	25	1.7	3.8	.9	104	.28	12.2	.2	3.5	.1	146	.8	.8	.1	3	3.72	.063	5	2.1	.19	59	.003	4	.31	.010	.02	.1	.11	1.4	<.1	.17	1	1.3	1.0
RE 19500N 21100E	.5	30.0	8.5	24	1.6	3.6	.7	93	.24	10.7	.2	3.3	.1	137	.9	.7	.1	3	3.65	.060	4	2.7	.18	54	.003	3	.30	.009	.02	<.1	.09	1.1	<.1	.21	1	1.1	1.0
19500N 21120E	.6	48.8	23.3	35	6.5	8.2	10.2	3492	1.11	133.7	.5	38.4	.1	144	1.3	1.1	<.1	5	3.38	.099	11	4.9	.17	77	.003	2	.53	.011	.03	<.1	.21	3.7	<.1	.18	1	2.9	1.0
19500N 21140E	1.3	35.8	30.7	151	.4	9.8	11.1	769	4.14	103.0	.2	13.6	.3	25	.4	1.5	.1	69	.45	.060	10	12.1	.32	89	.006	1	1.61	.008	.07	.4	.02	3.6	.1	<.05	7	<.5	7.5
19500N 21160E	1.4	35.4	30.8	148	.3	9.9	10.9	742	4.21	101.2	.2	13.9	.3	25	.3	1.5	.2	70	.44	.060	10	11.9	.33	90	.006	1	1.67	.008	.07	.3	.03	3.7	.1	<.05	7	<.5	15.0
19500N 21180E	.9	24.5	43.5	87	.3	6.3	6.3	295	3.10	69.6	.1	11.8	.4	13	.2	1.0	.1	51	.17	.045	8	8.3	.25	76	.003	<1	1.50	.007	.05	.3	.02	3.2	.1	<.05	6	<.5	7.5
19500N 21200E	.8	24.3	30.1	59	.3	5.4	4.7	200	3.70	59.4	.2	22.4	.5	7	.1	1.1	.1	56	.04	.034	9	9.2	.18	46	.005	1	1.70	.007	.05	.3	.05	3.1	.1	<.05	7	<.5	15.0
19500N 21220E	1.3	33.8	53.6	198	1.1	11.1	12.0	2403	4.07	103.8	.4	22.9	.2	45	1.0	1.1	.2	44	.66	.157	9	11.0	.37	123	.007	1	1.81	.008	.06	.3	.07	3.6	.1	<.05	5	.6	7.5
19500N 21240E	1.1	24.0	24.3	40	2.0	4.2	3.5	129	2.14	36.6	.4	14.1	.2	7	.4	.6	.1	40	.04	.080	7	7.8	.16	45	.004	<1	1.60	.007	.04	.3	.13	2.0	.1	<.05	5	.5	7.5
19500N 21260E	1.6	25.8	20.8	59	.4	5.9	9.2	1177	3.29	37.9	.2	4.8	.2	27	.4	.9	.1	64	.49	.060	8	9.4	.24	66	.005	<1	1.57	.008	.05	.3	.05	3.4	.1	<.05	7	<.5	7.5
19500N 21280E	1.5	25.5	20.0	57	.4	5.3	8.7	1155	3.20	36.6	.2	5.9	.2	28	.4	.9	.1	63	.49	.062	8	8.6	.25	68	.005	1	1.59	.008	.05	.2	.05	3.2	.1	<.05	7	<.5	7.5
19500N 21300E	1.2	20.2	18.0	56	.3	5.5	5.1	199	2.70	29.6	.1	2.9	.3	7	.2	.5	.1	70	.06	.042	7	9.0	.20	40	.002	<1	1.48	.007	.04	.2	.02	2.5	.1	<.05	8	<.5	7.5
19500N 21320E	2.5	12.6	12.5	53	.2	6.1	8.0	555	6.28	67.5	.2	2.9	.8	4	.1	.7	.1	109	.02	.039	7	12.5	.15	26	.001	<1	1.19	.008	.03	.2	.03	4.8	.1	<.05	6	<.5	7.5
19500N 21340E	1.1	36.3	50.1	96	1.3	7.6	8.2	377	6.53	89.5	.3	15.3	.3	5	.4	1.1	.2	56	.03	.071	5	13.5	.24	40	.009	1	1.71	.006	.04	.5	.07	2.6	.1	<.05	6	.7	7.5
19500N 21360E	2.9	94.4	154.7	299	9.3	19.4	16.8	1939	4.70	164.3	1.1	75.5	1.0	37	2.4	1.4	.2	39	.51	.240	19	16.8	.34	129	.009	1	3.17	.010	.07	.4	.34	9.2	.1	.09	5	1.7	7.5
19500N 21380E	1.4	35.4	105.7	90	.6	5.6	6.2	316	5.84	115.9	.2	61.6	.4	6	.3	1.8	.2	77	.04	.064	7	9.6	.14	48	.011	1	1.51	.006	.04	.6	.06	3.0	.1	<.05	8	.6	7.5
19500N 21400E	1.3	26.9	83.7	129	.9	6.9	6.7	260	3.32	87.3	.2	127.2	.4	28	.5	1.1	.2	54	.39	.082	9	9.4	.26	107	.003	<1	2.11	.007	.04	.5	.05	3.1	.1	<.05	7	.5	15.0
19500N 21420E	1.7	16.7	20.3	47	.6	5.3	4.0	149	2.80	51.3	.2	11.1	.1	32	.2	.7	.1	54	.45	.026	7	8.7	.21	72	.018	1	1.25	.008	.03	.1	.04	2.5	.1	<.05	7	.6	15.0
19500N 21440E	1.4	26.9	22.0	49	.4	7.7	5.9	242	7.71	26.3	.2	<.5	.5	5	<.1	1.1	.2	82	.05	.049	6	15.9	.30	36	.071	1	1.87	.006	.03	.2	.08	3.4	.1	<.05	9	.6	15.0
19500N 21460E	1.3	22.9	18.2	46	.3	4.6	4.5	209	6.43	48.1	.2	2.7	.6	4	.1	1.1	.2	90	.02	.040	7	10.1	.15	30	.013	1	1.58	.006	.05	.6	.04	3.1	.1	<.05	9	.5	7.5
STANDARD DS5	13.2	145.3	25.7	140	.3	25.2	12.0	765	2.99	18.6	6.2	42.4	2.9	52	5.6	3.8	6.4	61	.79	.094	13	186.6	.69	143	.105	18	2.10	.034	.16	4.6	.17	3.5	1.2	<.05	7	4.8	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19500N 21480E	1.4	24.2	17.1	36	.6	4.7	4.2	234	4.41	27.8	.4	8.4	.3	7	.4	.9	.1	68	.07	.052	5	11.9	.16	54	.018	1	2.06	.005	.02	.3	.11	2.7	<.1	<.05	6	.7	15.0
19500N 21500E	1.6	21.7	23.7	49	.7	4.3	3.8	272	3.61	53.4	.2	23.3	.1	15	.4	.8	.1	63	.18	.057	7	7.4	.12	59	.009	1	1.29	.007	.02	.2	.05	1.7	.1	<.05	7	<.5	15.0
19500N 21520E	1.0	7.5	1.6	17	.1	1.2	.3	17	.16	1.6	.1	<.5	.1	127	.4	.2	.1	3	2.12	.043	1	3.3	.03	56	.003	5	.13	.010	.02	<.1	.12	.5	<.1	.18	<1	.7	1.0
19500N 21540E	2.7	30.6	33.4	88	.8	7.7	9.8	205	5.67	67.1	.3	75.0	.3	37	.7	1.1	.2	98	.40	.071	7	11.2	.18	90	.008	<1	2.24	.008	.03	.3	.06	3.1	.1	<.05	10	.6	15.0
19500N 21560E	1.5	31.8	35.9	55	.6	5.6	4.9	201	5.84	83.2	.2	23.5	.2	5	.3	1.5	.2	89	.02	.060	5	10.8	.13	30	.010	<1	1.43	.006	.03	.4	.06	2.8	.1	<.05	9	<.5	7.5
19500N 21580E	1.7	54.1	95.3	173	1.7	10.8	10.2	316	5.34	183.6	.4	39.1	1.1	7	.4	1.3	.1	61	.05	.044	8	14.0	.32	79	.005	<1	3.15	.006	.03	.5	.08	7.1	.1	<.05	6	.5	15.0
19500N 21600E	1.6	24.5	23.6	41	.8	5.5	7.2	1490	6.62	49.5	.2	2.1	.3	6	.2	.9	.1	82	.03	.069	6	8.3	.09	29	.005	<1	1.25	.007	.03	.3	.04	2.9	.1	<.05	8	.5	1.0
19500N 21620E	1.6	50.4	94.0	64	2.3	8.2	8.8	633	8.10	274.1	.4	278.6	.4	13	.5	2.0	.2	49	.05	.083	7	10.7	.14	43	.008	1	1.69	.005	.03	.5	.13	3.2	.1	<.05	6	1.1	7.5
RE 19500N 21620E	1.5	51.2	93.7	65	2.2	8.0	8.9	634	8.34	281.0	.4	58.7	.5	12	.6	2.1	.2	50	.04	.088	7	10.9	.14	45	.007	<1	1.81	.005	.03	.5	.12	3.3	.1	<.05	5	1.0	7.5
19500N 21640E	2.2	31.2	26.2	84	1.5	8.3	7.8	366	4.40	112.3	.5	25.4	.4	47	.5	1.0	.2	45	.87	.076	12	10.8	.25	114	.006	1	1.90	.008	.03	.4	.09	4.2	.1	<.05	6	.8	15.0
19500N 21660E	1.7	44.3	46.7	81	.5	7.0	6.8	379	7.04	145.1	.3	33.5	.5	7	.6	5.6	.2	74	.04	.055	6	12.1	.17	99	.016	1	1.78	.005	.02	.9	.07	3.9	.1	<.05	6	.5	15.0
19500N 21680E	.4	5.3	3.1	8	.4	1.2	1.1	36	.47	14.0	.1	5.5	.2	5	<.1	.2	<.1	18	.02	.015	10	1.5	.02	19	.003	1	.56	.004	.02	.1	.02	.5	.1	<.05	4	<.5	15.0
19500N 21700E	.9	29.6	54.9	54	.8	5.8	6.7	470	8.27	121.5	.2	64.4	.3	5	.2	1.9	.2	78	.03	.088	5	12.1	.14	36	.020	1	1.56	.005	.02	.3	.08	3.1	.1	<.05	7	<.5	15.0
19500N 21720E	2.8	126.8	61.2	227	6.9	18.8	11.5	3199	3.79	361.4	1.1	617.4	1.0	83	1.5	2.4	.1	40	1.67	.161	57	29.7	.25	250	.007	3	3.09	.011	.05	.1	.39	61.7	.2	.13	3	3.4	15.0
19500N 21740E	1.6	25.6	29.8	48	.8	4.2	5.7	944	4.64	78.6	.3	11.8	.1	5	.2	.9	.2	70	.04	.075	8	7.2	.10	46	.019	1	1.35	.006	.03	.3	.07	1.8	.1	<.05	8	<.5	15.0
19500N 21760E	2.0	34.0	21.0	74	.6	8.0	8.2	532	5.81	86.9	.2	22.1	.1	6	.2	1.4	.2	72	.05	.078	6	10.9	.26	56	.015	<1	1.57	.006	.03	.4	.07	2.7	.1	<.05	8	<.5	7.5
19500N 21780E	3.2	53.2	39.5	125	1.9	12.0	12.4	1551	5.10	242.5	1.4	33.8	.3	71	.9	1.5	.2	52	1.32	.140	15	14.7	.34	171	.010	<1	2.15	.009	.05	.2	.18	5.4	.1	.10	6	2.4	7.5
19500N 21800E	1.1	21.8	48.8	32	.6	4.0	3.7	142	2.49	47.9	.2	8.7	.1	10	.1	1.6	.1	55	.07	.044	7	6.0	.10	47	.011	1	1.29	.007	.03	.3	.04	1.6	.1	<.05	7	<.5	15.0
19500N 22200E	1.1	88.5	698.6	192	12.9	17.7	15.9	1534	4.09	57.5	.9	20.7	.6	71	1.3	2.3	.2	43	1.58	.146	20	15.7	.53	126	.012	2	2.22	.008	.04	.2	.16	9.7	.1	.08	5	2.3	15.0
19500N 22220E	1.4	64.6	348.6	159	5.7	14.6	13.8	4466	3.63	59.0	1.2	20.8	.6	83	2.0	1.7	.2	35	1.79	.243	19	13.6	.42	176	.010	1	2.45	.008	.04	.2	.27	8.0	.1	.14	5	2.1	7.5
19500N 22240E	1.3	30.3	47.9	64	1.1	6.2	6.6	354	7.82	128.1	.4	21.6	.2	38	.4	1.4	.2	66	.76	.090	5	11.7	.20	63	.019	<1	2.30	.006	.02	.3	.07	3.2	<.1	.08	7	.5	7.5
19500N 22260E	1.4	40.6	47.1	172	1.8	14.0	18.5	9617	3.57	75.6	.5	2.1	.6	87	1.1	2.9	.1	24	2.04	.167	11	9.2	.23	249	.004	2	2.17	.010	.04	.3	.16	5.4	.1	.12	3	1.1	7.5
19500N 22280E	2.0	27.1	15.4	52	.5	6.5	6.8	533	7.95	47.0	.2	5.0	.7	6	.1	1.0	.2	102	.05	.056	6	14.2	.25	32	.065	<1	1.66	.006	.03	.3	.06	3.5	.1	<.05	10	<.5	15.0
19500N 22300E	4.2	34.1	9.6	59	1.3	11.6	10.4	369	4.20	93.0	.1	1.6	.4	2	<.1	2.0	.2	59	.03	.079	7	5.7	.05	17	.004	<1	1.06	.003	.03	.4	.03	2.4	.1	<.05	6	<.5	7.5
19500N 22320E	1.9	28.0	18.3	48	.8	6.6	7.5	574	6.56	104.1	.3	4.7	.4	4	.1	1.2	.2	95	.04	.062	6	13.2	.23	33	.066	1	1.57	.005	.02	.3	.05	3.0	.1	<.05	8	<.5	15.0
19500N 22340E	1.6	35.1	52.4	99	.5	7.5	9.9	584	9.54	97.3	.3	6.3	.3	10	.6	1.3	.2	99	.15	.072	6	15.1	.26	103	.040	<1	2.15	.005	.02	.3	.08	3.8	.1	.06	9	.5	15.0
19500N 22360E	2.1	31.7	41.6	120	1.1	8.3	8.9	591	9.19	148.1	.3	15.0	.5	21	.4	1.7	.3	111	.33	.056	7	18.8	.35	96	.054	1	2.05	.007	.03	.4	.06	3.9	.1	<.05	10	<.5	15.0
19500N 22380E	1.4	28.5	19.8	211	2.2	8.9	9.7	583	4.94	327.6	.7	4.7	.3	84	.9	1.1	.2	62	1.11	.089	9	12.1	.34	205	.008	<1	1.98	.007	.04	.3	.10	3.9	.1	.13	9	<.5	7.5
19500N 22400E	1.2	30.2	29.2	178	1.6	4.0	5.3	231	7.41	89.4	.3	5.6	.4	12	1.6	1.2	.2	95	.21	.076	8	12.4	.13	73	.007	1	1.67	.007	.03	.2	.07	2.9	.1	.10	11	.6	15.0
19500N 22420E	1.4	31.8	14.0	185	1.4	5.1	6.3	426	5.47	67.5	.5	1.7	.2	100	3.6	1.3	.1	61	2.04	.066	7	8.7	.17	94	.009	1	1.30	.006	.03	.3	.08	3.0	.1	.13	6	1.1	15.0
19500N 22440E	2.6	87.7	73.1	147	4.6	14.9	14.0	6840	3.12	69.8	1.1	8.0	.4	121	10.2	1.9	.1	35	2.70	.131	23	13.8	.36	260	.006	2	2.54	.011	.05	.3	.23	6.8	.3	.14	5	2.1	7.5
19500N 22460E	1.6	48.7	56.6	95	2.2	5.9	42.3	3285	4.69	110.5	.4	4.4	.3	48	1.7	1.2	.3	31	1.08	.155	15	7.8	.12	127	.004	<1	1.93	.006	.04	.2	.10	2.7	.1	.09	6	.8	15.0
19500N 22480E	2.2	93.6	52.7	112	4.0	13.5	22.8	4954	3.88	78.0	1.4	6.4	1.1	92	2.2	2.0	.2	39	2.15	.184	34	14.7	.38	190	.003	1	2.89	.011	.05	.3	.23	10.5	.2	.12	6	1.8	1.0
19500N 22500E	1.3	174.0	22.4	103	4.1	14.9	14.6	656	3.88	232.8	1.4	5.3	.3	62	2.5	1.9	.2	44	1.37	.079	26	13.5	.41	111	.014	1	1.88	.010	.03	.2	.16	6.0	.1	.06	6	1.4	7.5
STANDARD DS5	13.2	147.0	23.8	136	.3	25.3	11.9	790	2.98	18.8	6.0	42.0	2.7	47	5.6	3.8	6.0	60	.73	.089	12	188.5	.67	135	.097	18	1.93	.033	.15	4.7	.18	3.3	1.0	.06	7	5.1	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19500N 22520E	.4	21.7	9.6	45	.3	3.5	5.2	283	2.19	89.6	.1	<.5	.1	38	.4	.7	.1	25	.88	.029	4	5.1	.17	48	.016	3	.56	.005	.01	.2	.03	1.5	<.1	<.05	3	<.5	7.5
19500N 22540E	1.6	99.1	33.8	132	3.3	13.3	11.5	2456	4.21	149.4	.8	6.1	.6	67	2.1	1.7	.2	44	1.55	.191	17	13.9	.51	156	.008	3	2.42	.009	.05	.3	.15	6.1	.1	.10	7	.8	15.0
19500N 22560E	2.6	119.8	69.5	67	8.3	9.8	14.4	4417	2.31	132.9	1.6	15.2	.7	130	3.3	2.2	.1	22	3.42	.244	34	12.2	.29	189	.008	4	2.04	.010	.03	.2	.43	9.1	.2	.17	4	2.9	1.0
19500N 22580E	1.6	39.7	21.1	119	.4	10.4	12.0	682	4.27	101.9	.2	4.7	.4	29	.2	1.4	.1	64	.59	.042	8	13.6	.48	120	.007	1	1.61	.006	.04	.3	.03	4.5	.1	<.05	6	<.5	15.0
19500N 22600E	1.2	46.5	37.5	145	1.7	11.9	16.3	2654	4.18	179.2	.8	8.0	.5	46	1.3	1.4	.2	45	.99	.072	15	12.1	.37	158	.003	1	1.93	.007	.05	.3	.09	7.7	.1	<.05	5	.7	7.5
19500N 22620E	3.2	54.8	62.3	138	3.1	11.9	23.9	3424	7.21	446.9	1.4	11.4	.9	31	1.5	1.6	.2	49	.64	.125	25	12.2	.31	158	.002	1	2.41	.009	.04	.2	.18	13.0	.1	<.05	4	1.6	15.0
19500N 22640E	3.9	65.6	93.4	100	3.2	10.5	45.0	7011	3.42	86.8	1.2	9.8	.4	99	3.0	2.7	.1	35	2.46	.140	12	11.9	.27	176	.005	2	1.63	.010	.05	.3	.23	6.4	.2	.08	4	1.4	1.0
19500N 22660E	1.4	16.9	8.8	45	.1	3.4	3.6	126	3.28	40.8	.1	3.4	.3	20	.1	1.3	.1	92	.30	.019	6	6.6	.13	39	.022	2	.79	.007	.03	.3	.01	2.1	<.1	<.05	8	<.5	7.5
19500N 22680E	1.2	119.6	45.5	135	1.6	12.6	19.9	1132	5.28	137.9	.8	7.5	.3	55	1.4	2.6	.2	55	1.23	.069	14	16.0	.42	97	.016	3	1.77	.009	.03	.3	.09	6.0	.1	<.05	6	.7	7.5
19500N 22700E	.4	46.0	3.7	41	1.5	3.9	.4	25	.24	3.8	.2	<.5	.1	137	1.3	1.8	.1	1	3.28	.042	7	2.8	.16	102	.004	4	.34	.011	.01	<.1	.08	1.6	<.1	.09	<1	.6	1.0
19500N 22720E	.4	57.2	4.1	43	.7	4.8	.3	27	.16	4.3	.2	<.5	.1	153	1.2	2.6	<.1	1	3.26	.053	8	2.2	.14	90	.002	3	.32	.011	.02	<.1	.08	1.2	<.1	.15	<1	.9	7.5
19500N 22740E	.7	38.2	2.6	26	1.4	4.2	.7	171	.15	3.7	.2	.7	.1	189	1.0	4.1	<.1	2	4.41	.056	8	2.6	.19	83	.002	6	.28	.010	.02	<.1	.11	1.1	<.1	.16	<1	1.1	1.0
19500N 22760E	.3	8.2	2.3	28	.5	1.3	.9	24	.24	15.2	<.1	<.5	.1	51	.3	.3	<.1	7	.82	.029	1	2.5	.05	140	.002	2	.14	.012	.02	.1	.07	.6	<.1	.16	1	<.5	1.0
19500N 22780E	1.1	41.1	34.2	94	1.4	8.0	8.8	389	6.79	49.6	.3	2.7	1.2	5	.4	1.0	.1	73	.04	.037	5	20.6	.36	67	.007	1	3.50	.006	.02	.3	.12	4.9	.1	<.05	7	.7	15.0
19500N 22800E	.5	9.9	3.5	23	.3	1.6	1.7	72	1.03	18.2	.1	<.5	.1	12	.1	.6	.1	41	.20	.026	5	2.8	.03	64	.004	3	.31	.007	.02	.3	.05	.9	<.1	<.05	3	<.5	7.5
19500N 22820E	1.1	34.8	64.0	120	1.1	8.3	7.6	336	6.00	93.0	.2	17.1	.6	4	.3	2.2	.1	53	.04	.034	5	13.3	.32	52	.008	2	1.92	.005	.03	.5	.08	3.6	.1	<.05	6	<.5	15.0
19500N 22840E	2.1	38.0	48.7	113	.8	6.9	7.6	367	8.45	131.8	.2	16.6	.8	5	.2	2.0	.2	89	.05	.158	7	15.4	.19	40	.010	1	1.99	.007	.03	.7	.05	4.0	.1	<.05	8	<.5	7.5
RE 19500N 22780E	1.0	40.3	32.3	90	1.4	8.1	8.2	394	6.66	48.6	.3	3.5	1.2	5	.4	1.0	.1	71	.03	.038	4	20.1	.34	64	.008	<1	3.53	.005	.02	.3	.10	5.4	<.1	<.05	7	.7	15.0
19500N 22860E	1.5	23.5	16.5	60	.7	4.0	4.6	231	6.27	77.8	.1	3.2	.5	7	.2	1.5	.2	97	.09	.120	7	9.2	.11	33	.022	2	1.12	.005	.03	.4	.06	2.6	.1	<.05	10	<.5	15.0
19500N 22880E	1.0	38.7	41.3	97	1.1	7.3	9.2	415	4.04	91.9	.2	9.0	.2	59	.7	1.8	.1	53	1.15	.063	7	8.5	.23	122	.007	1	1.33	.009	.05	.6	.04	3.7	.1	.08	6	<.5	7.5
19500N 22900E	.8	47.6	59.4	152	.9	15.3	15.9	1026	4.22	115.3	.2	19.7	.7	32	.8	2.6	.1	49	.51	.052	7	14.0	.54	132	.009	<1	1.57	.006	.05	.4	.03	6.5	.1	<.05	5	<.5	15.0
19500N 22920E	.8	53.1	57.4	150	.8	15.2	15.6	978	4.21	113.0	.3	14.1	.7	41	.8	2.4	.1	46	.68	.077	8	13.3	.57	138	.007	1	1.78	.009	.06	.4	.05	6.5	.1	<.05	5	.5	7.5
19500N 22940E	1.4	30.6	35.7	130	1.3	7.6	8.4	453	4.58	84.9	.2	10.9	.1	58	.6	2.2	.1	50	1.11	.048	4	10.8	.28	106	.012	<1	1.10	.007	.03	.4	.05	2.7	<.1	.08	4	.5	7.5
19500N 22960E	1.3	49.6	45.2	152	1.3	10.9	10.1	552	4.54	84.4	.2	23.7	.6	40	.8	2.2	.2	56	.70	.066	9	11.2	.32	133	.004	<1	1.64	.007	.05	.5	.07	5.9	.1	<.05	6	<.5	15.0
19500N 22980E	.9	49.6	52.8	157	2.3	13.5	14.7	701	4.52	64.7	.2	11.8	.8	18	.6	1.6	.1	51	.24	.062	9	13.8	.48	134	.003	<1	2.11	.008	.05	.3	.09	7.6	.1	<.05	5	<.5	15.0
19500N 23000E	1.0	60.5	86.9	162	1.6	14.9	13.4	1081	4.34	67.7	.2	12.6	.5	44	1.2	2.6	.1	42	.79	.082	8	11.3	.46	131	.004	<1	1.54	.008	.05	.4	.06	6.4	.1	.08	5	.5	15.0
19500N 23020E	.8	50.4	57.8	175	2.5	13.7	16.2	1262	3.97	68.5	.2	19.3	.6	51	.8	2.0	.1	46	.96	.088	8	12.8	.45	155	.004	<1	1.55	.006	.05	.4	.09	7.0	.1	.08	4	<.5	15.0
19400N 20500E	1.2	37.8	43.2	137	.5	14.1	16.1	847	4.83	51.9	.1	11.0	.8	31	.4	1.0	.1	52	.31	.064	10	12.7	.40	190	.001	<1	1.54	.006	.04	.3	.05	7.1	.1	<.05	5	.7	15.0
19400N 20520E	.9	32.4	23.2	106	.2	10.8	11.6	531	3.78	34.1	.1	8.0	.5	30	.2	.9	.1	54	.29	.065	10	10.7	.30	112	.001	<1	1.41	.006	.04	.3	.02	3.3	.1	<.05	5	<.5	15.0
19400N 20540E	.9	29.7	38.9	92	.2	8.7	8.3	364	3.52	34.9	.1	5.7	.5	27	.2	1.0	.1	47	.28	.051	8	9.9	.25	55	.002	<1	1.24	.007	.04	.2	.02	3.3	.1	<.05	5	<.5	15.0
19400N 20560E	.9	30.4	23.1	109	.2	11.5	12.3	694	3.82	30.4	.1	9.4	.5	28	.2	.9	.1	47	.32	.051	8	12.0	.36	153	.002	<1	1.45	.007	.03	.2	.02	4.0	<.1	<.05	5	.5	7.5
19400N 20580E	.9	56.7	29.0	123	.1	15.1	12.8	478	5.18	36.3	.2	3.7	.6	13	.3	1.2	.1	57	.14	.064	7	14.0	.38	78	.002	<1	1.91	.006	.04	.3	.03	4.6	.1	<.05	5	<.5	15.0
19400N 20600E	1.0	65.6	59.6	169	.2	14.2	13.4	722	4.81	98.5	.2	19.6	.7	10	.4	2.2	.2	51	.08	.059	9	10.1	.31	78	.001	<1	1.50	.004	.03	.4	.04	5.6	.1	<.05	5	.6	15.0
19400N 20620E	.9	40.4	21.0	99	.3	9.3	8.2	319	4.25	52.0	.1	5.0	.3	27	.3	.9	.1	61	.27	.065	9	10.0	.28	65	.003	<1	1.27	.007	.03	.5	.02	3.5	.1	<.05	6	<.5	15.0
STANDARD DS5	12.5	147.1	24.3	139	.3	25.5	11.8	790	3.02	18.9	5.9	42.0	2.4	47	5.7	3.8	5.9	60	.71	.093	11	190.3	.67	137	.091	16	1.96	.032	.15	4.7	.16	3.3	1.0	<.05	6	5.0	15.0

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

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19400N 20640E	1.1	45.2	52.5	128	.6	10.1	10.2	343	4.54	93.1	.2	27.0	.5	44	.3	.8	.3	56	.06	.059	11	9.8	.14	132	.001	<1	1.40	.006	.04	.2	.03	3.7	.1	.06	5	.5	15.0
19400N 20660E	1.0	46.5	31.6	93	.3	12.7	10.5	377	6.08	38.7	.3	8.3	.9	9	.2	.8	.1	64	.03	.034	9	17.8	.41	58	.004	<1	2.47	.005	.03	.2	.06	4.7	.1	<.05	7	<.5	15.0
19400N 20680E	1.0	47.7	22.2	113	.9	11.7	9.0	699	3.52	39.5	.2	7.3	.4	47	.5	.5	.1	35	.72	.071	9	8.7	.34	127	.001	<1	1.37	.008	.04	.2	.06	4.6	.1	<.05	3	.5	7.5
19400N 20700E	.8	29.2	31.5	102	.5	10.4	11.4	430	4.53	55.8	.2	16.0	.5	17	.3	.5	.1	54	.11	.059	10	13.7	.40	94	.002	1	1.88	.007	.04	.3	.04	4.0	.1	<.05	6	<.5	7.5
19400N 20720E	.9	29.2	23.2	49	.3	4.8	4.3	158	3.61	50.6	.2	17.1	.4	11	.2	.9	.1	55	.08	.035	9	6.1	.06	44	.006	1	1.01	.006	.02	.3	.03	2.5	.1	<.05	5	<.5	7.5
19400N 20740E	1.1	57.1	65.1	129	.2	12.7	11.5	461	6.33	139.5	.1	17.0	.6	29	.4	1.2	.2	70	.42	.030	7	16.8	.44	111	.009	1	2.02	.007	.04	.4	.03	5.3	.1	<.05	7	<.5	15.0
19400N 20760E	.9	40.7	113.6	96	.4	6.6	8.0	355	3.63	137.8	.1	49.3	.2	39	.6	1.3	.2	62	.70	.034	8	8.2	.23	81	.008	<1	1.25	.007	.04	.2	.03	2.8	.1	<.05	6	.5	7.5
19400N 20780E	.3	38.0	4.0	20	1.2	4.8	.4	43	.17	3.2	.1	2.7	.1	124	.9	.8	.1	2	3.22	.056	7	2.4	.23	54	.002	3	.31	.010	.02	<.1	.09	1.0	<.1	.15	<1	1.1	1.0
19400N 20800E	.4	60.4	25.4	77	2.0	7.4	3.1	178	1.28	40.1	.2	11.7	.1	126	2.3	1.0	.1	11	3.30	.054	8	4.9	.26	54	.003	3	.59	.008	.02	.1	.09	2.2	<.1	.11	1	1.2	1.0
19400N 20820E	1.1	45.7	51.4	158	.6	6.3	7.0	271	5.06	125.8	.2	23.2	.4	46	.9	1.0	.2	69	.96	.051	9	10.0	.21	55	.003	<1	1.61	.007	.03	.4	.04	3.6	.1	<.05	8	.6	7.5
19400N 20840E	.9	70.3	96.9	265	2.5	11.2	11.4	606	4.36	181.8	.3	32.3	.3	49	.7	1.0	.2	42	.99	.065	10	11.1	.37	68	.005	1	1.44	.008	.05	.3	.08	5.0	.1	<.05	4	.8	7.5
19400N 20860E	1.6	71.6	137.7	177	1.1	10.1	9.4	363	5.25	528.9	.2	37.1	.6	11	.5	1.0	.4	49	.11	.049	11	8.8	.14	63	.003	<1	1.58	.007	.04	.3	.07	4.8	.1	<.05	6	.6	7.5
19400N 20880E	1.4	32.8	34.3	96	.3	7.4	7.5	264	4.88	130.6	.2	16.1	.6	15	.3	.7	.2	62	.14	.029	10	10.4	.20	75	.006	<1	1.53	.006	.04	.2	.04	3.7	.1	<.05	7	<.5	7.5
RE 19400N 20880E	1.4	31.9	37.1	99	.3	6.7	7.0	268	4.70	129.5	.2	12.5	.6	14	.3	.7	.2	59	.15	.029	9	10.3	.20	71	.004	<1	1.55	.006	.03	.2	.03	3.3	.1	<.05	7	<.5	7.5
19400N 20900E	1.8	61.6	104.8	242	2.0	14.3	11.6	596	6.27	282.5	.7	43.8	.4	28	.6	.9	.6	49	.35	.118	11	15.6	.27	142	.005	<1	2.31	.007	.05	.4	.19	4.6	.1	<.05	6	.9	15.0
19400N 20920E	1.9	119.4	78.3	236	6.6	20.0	17.8	2105	4.44	326.4	1.5	66.0	.5	62	2.4	1.4	.3	32	1.13	.215	21	12.7	.30	117	.005	1	2.48	.011	.04	.2	.33	8.3	.1	.08	3	2.3	1.0
19400N 20940E	1.6	54.7	97.7	195	.3	10.6	10.3	466	6.40	288.8	.2	45.8	.5	13	.4	1.2	.5	70	.12	.066	9	13.9	.32	84	.008	1	2.22	.008	.04	.4	.05	4.2	.1	<.05	7	.6	15.0
19400N 20960E	1.6	43.9	57.9	133	.2	9.9	11.5	960	8.66	175.1	.2	17.9	.4	9	.3	1.0	.3	61	.05	.119	7	12.7	.23	58	.010	1	1.71	.007	.05	.3	.06	4.0	.1	<.05	7	<.5	15.0
19400N 20980E	1.5	27.6	30.5	59	.2	5.9	6.0	402	3.33	99.2	.1	33.5	.2	9	.1	.9	.2	76	.06	.031	9	7.9	.15	40	.016	1	1.17	.006	.04	.3	.02	2.4	.1	<.05	9	<.5	15.0
19400N 21000E	.9	54.4	30.1	163	1.1	18.4	12.8	727	4.58	157.3	.3	26.7	.6	35	.3	1.1	.2	55	.55	.089	12	17.1	.63	77	.021	1	2.16	.007	.05	.3	.07	6.3	.1	<.05	6	.5	15.0
19400N 21020E	1.2	54.2	50.0	143	2.5	12.8	11.6	1219	3.62	123.0	.6	31.9	.1	65	1.4	.8	.1	37	1.24	.110	13	12.0	.35	80	.009	2	1.82	.008	.05	.2	.13	3.8	.1	.06	5	1.2	7.5
19400N 21040E	2.2	68.1	103.3	186	6.1	10.5	13.1	4169	2.42	294.1	.8	41.6	.2	120	7.8	.9	.1	20	2.64	.209	19	8.5	.25	107	.006	3	1.58	.007	.02	.1	.29	3.6	.2	.15	3	3.2	1.0
19400N 21060E	1.4	55.4	35.7	65	1.7	7.8	9.0	453	6.08	419.0	.1	136.6	.1	7	.2	1.0	.4	61	.06	.112	5	5.3	.04	27	.007	3	.71	.004	.02	.4	.06	1.4	.1	<.05	7	.6	1.0
19400N 21080E	1.2	30.8	42.9	83	1.1	5.7	6.4	460	4.07	141.6	.1	196.7	.2	7	.3	1.1	.2	74	.04	.055	8	7.7	.11	27	.017	<1	1.22	.005	.03	.4	.04	2.5	.1	<.05	8	<.5	15.0
19400N 21100E	1.1	35.2	45.7	126	.4	9.4	8.3	912	3.97	109.6	.2	14.1	.4	23	.3	.7	.2	57	.34	.060	9	11.8	.35	98	.010	1	1.81	.007	.04	.3	.04	3.6	.1	<.05	7	<.5	7.5
19400N 21120E	1.0	71.0	32.8	179	3.6	12.6	8.9	3039	3.48	171.6	.6	26.9	.3	60	1.4	1.1	.1	39	1.37	.185	19	14.8	.42	155	.008	1	2.23	.008	.05	.4	.18	6.1	.1	.09	5	1.1	15.0
19400N 21140E	.9	46.9	34.4	150	2.7	9.8	8.3	2620	2.60	183.4	.6	19.0	.2	85	1.3	.8	.1	27	2.06	.195	15	11.1	.38	141	.006	2	1.81	.012	.05	.2	.19	4.8	.1	.09	4	.9	7.5
19400N 21160E	1.1	29.8	26.8	72	.6	7.9	7.0	402	6.50	119.0	.2	5.1	.3	7	.2	1.0	.1	86	.04	.062	6	17.4	.31	41	.045	3	1.86	.007	.04	.2	.07	3.7	.1	<.05	9	<.5	15.0
19400N 21180E	1.0	31.9	38.1	128	.3	11.8	10.1	554	4.63	127.2	.2	31.3	.4	9	.4	1.0	.1	59	.08	.058	7	15.8	.51	68	.008	1	2.15	.007	.04	.4	.03	4.3	.1	<.05	6	<.5	15.0
19400N 21200E	2.7	36.6	36.4	140	.6	19.9	25.8	15300	3.94	103.0	.2	16.1	.3	26	3.7	.8	.1	44	.52	.065	7	11.2	.34	224	.006	1	1.69	.007	.04	.3	.05	4.5	.1	<.05	5	.5	7.5
19400N 21220E	1.1	47.3	40.3	101	1.3	11.4	24.0	880	3.07	23.0	.4	10.3	.5	26	.6	.5	.1	37	.44	.104	14	12.8	.44	77	.002	<1	1.98	.009	.04	.2	.11	6.1	.1	<.05	5	.8	7.5
19400N 21240E	.9	43.7	32.3	99	2.2	9.3	8.8	449	3.99	75.7	2.3	19.5	.2	82	.5	1.2	.1	50	1.37	.074	12	14.3	.43	132	.013	<1	2.03	.008	.04	.3	.14	5.5	.1	<.05	6	2.2	15.0
19400N 21260E	1.3	29.7	46.8	111	.6	10.4	11.1	1361	3.84	49.2	.2	5.6	.2	13	.1	.7	.1	58	.15	.048	9	13.7	.50	83	.008	1	1.96	.008	.05	.2	.02	2.9	.1	<.05	8	<.5	15.0
19400N 21280E	1.1	35.1	29.8	66	.5	8.7	6.5	302	5.47	42.1	.4	9.7	.2	6	.2	.9	.1	60	.05	.073	6	14.4	.38	45	.017	1	2.00	.007	.03	.3	.13	3.0	.1	<.05	7	.6	15.0
STANDARD DS5	12.8	144.3	25.4	136	.3	24.1	11.8	782	3.02	18.1	6.2	44.4	2.9	50	5.7	3.9	6.3	63	.78	.095	14	189.8	.70	143	.104	19	2.07	.033	.16	5.0	.15	3.5	1.1	<.05	7	5.0	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19400N 21300E	1.1	30.5	22.3	69	.8	9.0	6.4	345	3.89	42.3	.5	10.0	.2	6	.1	.7	.1	53	.07	.063	6	13.9	.41	45	.012	1	2.07	.007	.03	.3	.09	3.0	.1	<.05	6	.7	7.5
19400N 21320E	1.0	54.9	25.3	18	4.7	4.9	5.5	520	.98	11.2	.8	7.9	.2	215	.9	.8	.1	8	3.94	.152	17	5.5	.17	95	.005	3	.77	.011	.01	.1	.27	3.0	<.1	.18	1	2.4	1.0
19400N 21340E	.7	28.8	8.8	24	1.8	3.4	1.9	410	.46	4.5	.3	4.2	.1	146	1.1	.6	.1	2	3.53	.118	10	4.0	.17	50	.003	5	.50	.014	.03	.1	.13	1.8	<.1	.20	<1	1.8	1.0
19400N 21360E	2.9	13.1	43.9	52	2.5	4.1	12.5	3926	1.17	27.3	.3	14.2	.1	85	2.7	.4	.1	14	1.49	.108	4	5.1	.13	113	.004	2	.53	.011	.04	.1	.16	2.1	.1	.11	2	1.2	1.0
19400N 21380E	1.4	25.2	70.1	66	.3	6.9	6.8	348	3.80	78.3	.2	93.4	.4	11	.1	.9	.2	94	.09	.030	8	11.4	.32	56	.014	2	1.77	.008	.04	.2	.02	3.6	.1	<.05	9	<.5	15.0
19400N 21400E	1.1	22.2	24.7	55	.7	6.8	5.0	193	2.96	28.5	.3	20.8	.2	9	.2	.5	.3	46	.09	.057	6	11.8	.31	52	.010	2	1.62	.009	.03	.3	.10	2.7	.1	<.05	6	.8	15.0
19400N 21420E	1.3	17.2	13.6	68	.2	5.9	5.6	275	3.38	38.4	.1	12.7	.5	45	.1	.5	.2	78	.54	.032	7	11.3	.30	80	.009	1	1.26	.008	.03	.2	.02	2.8	.1	<.05	8	.5	15.0
19400N 21440E	1.2	29.1	46.6	217	1.3	9.5	7.7	335	4.30	49.1	.2	15.3	.4	24	.5	.7	.2	51	.26	.069	7	11.1	.25	93	.006	1	1.87	.007	.04	.4	.10	3.4	<.1	<.05	6	.7	7.5
19400N 21460E	1.3	16.2	19.2	50	.3	3.8	3.5	157	2.42	32.8	.1	11.5	.2	24	.2	.6	.1	53	.32	.040	8	6.7	.15	72	.009	1	.94	.007	.05	.2	.04	2.0	.1	<.05	6	<.5	15.0
19400N 21480E	.8	25.0	12.9	39	.4	3.3	2.9	145	4.96	42.6	.1	11.6	.2	6	.1	.7	.1	81	.08	.049	5	8.7	.08	44	.022	1	.91	.005	.02	.2	.04	1.7	<.1	<.05	6	.5	1.0
RE 19400N 21480E	.9	26.1	13.4	40	.4	3.1	3.0	152	5.24	45.6	.1	10.1	.2	6	.1	.7	.1	84	.08	.049	5	10.1	.08	45	.021	1	.89	.005	.02	.2	.05	1.7	<.1	<.05	7	.6	1.0
19400N 21500E	1.7	35.8	25.7	75	.5	6.4	7.9	438	5.88	87.6	.1	14.1	.2	6	.2	1.0	.2	105	.05	.149	5	11.9	.24	40	.012	2	1.52	.008	.05	.4	.07	3.1	.1	<.05	8	.6	7.5
19400N 21520E	1.8	38.9	35.7	69	.4	6.0	5.9	397	7.72	88.5	.2	24.5	.2	6	.2	1.2	.1	87	.06	.093	6	14.4	.22	41	.021	1	1.81	.007	.03	.3	.07	3.1	.1	<.05	8	.7	15.0
19400N 21540E	9.8	70.2	59.9	198	7.2	13.8	18.6	5874	3.19	136.1	2.8	31.8	.9	143	3.5	1.4	.1	25	2.19	.304	23	14.0	.22	170	.012	2	3.54	.010	.03	.1	.32	10.5	.2	.12	3	4.3	7.5
19400N 21560E	7.6	35.4	89.4	197	2.3	9.6	61.5	15073	4.39	56.8	.5	4.0	.1	49	4.3	1.0	.2	45	.61	.149	9	9.1	.17	196	.006	1	1.65	.009	.04	.3	.09	2.0	.2	.07	6	1.0	1.0
19400N 21580E	4.8	45.2	16.9	178	2.7	13.9	10.1	4220	3.51	70.8	1.4	31.2	.4	95	2.4	1.1	.1	48	1.44	.161	12	14.7	.45	187	.007	<1	2.35	.010	.05	.3	.14	4.6	.1	<.05	6	1.6	15.0
19400N 21600E	1.9	39.0	32.2	122	1.2	9.7	8.2	445	4.37	66.6	.3	33.6	.4	10	.3	1.7	.1	73	.09	.046	10	11.6	.28	88	.008	<1	1.97	.007	.04	.2	.06	3.8	.1	<.05	7	.7	7.5
19400N 21620E	1.1	21.3	12.6	55	.9	4.8	3.8	255	2.06	32.8	.3	10.1	<.1	8	.1	.4	.1	49	.05	.070	6	8.8	.20	44	.007	1	1.64	.009	.05	.2	.08	1.4	.1	<.05	7	.7	7.5
19400N 21640E	1.2	37.2	39.3	128	.9	10.5	10.2	996	4.06	70.4	.3	12.8	.3	15	.3	.7	.1	67	.15	.063	11	14.2	.48	103	.012	1	2.27	.011	.06	.3	.04	3.9	.1	<.05	8	.7	7.5
19400N 21660E	1.2	20.2	9.0	103	1.1	5.2	5.2	810	2.54	158.5	.6	5.4	.2	60	.3	.2	.3	31	1.06	.189	10	10.4	.10	98	.005	<1	2.26	.009	.04	.1	.11	1.5	.1	<.05	7	1.3	15.0
19400N 21680E	6.8	54.1	50.8	81	7.5	7.3	19.8	2384	3.62	303.4	3.3	19.5	1.0	114	1.0	1.2	.1	26	2.52	.397	31	16.8	.10	154	.014	2	4.16	.009	.02	<.1	.47	9.8	.1	.16	4	4.4	7.5
19400N 21700E	1.7	41.9	11.3	120	1.7	20.1	16.3	615	4.97	85.2	.6	28.3	.5	31	.3	.8	.1	56	.46	.107	13	16.0	.45	129	.010	1	2.82	.010	.05	.2	.10	5.4	.1	<.05	6	1.5	7.5
19400N 21720E	3.4	54.8	27.8	88	2.8	12.0	12.4	1053	3.26	192.2	1.5	13.1	.4	93	1.0	.9	.1	30	1.78	.207	38	12.9	.17	148	.012	2	2.97	.011	.04	.1	.24	5.7	.1	.11	4	3.3	7.5
19400N 21740E	4.0	34.3	385.3	197	.7	7.4	8.2	307	3.70	90.0	.4	9.9	.5	14	.3	.8	.1	45	.15	.085	10	8.0	.12	79	.003	<1	1.61	.006	.04	.2	.08	3.8	.1	<.05	6	.7	1.0
19400N 21760E	2.4	35.9	20.2	90	.5	9.4	11.4	600	5.39	102.5	.3	5.2	.3	8	.3	1.1	.1	73	.05	.072	7	14.3	.35	65	.012	<1	1.87	.007	.05	.2	.05	3.7	.1	<.05	8	.6	7.5
19400N 21780E	1.5	22.1	16.1	63	.2	6.4	6.5	294	3.89	111.2	.2	2.0	.2	7	.1	.6	.2	99	.09	.059	6	12.8	.34	67	.042	<1	1.74	.006	.06	.2	.03	3.2	.1	<.05	10	.5	15.0
19400N 21800E	1.7	32.5	6.9	43	.6	4.7	8.5	298	2.36	143.9	1.3	2.3	.1	112	.4	.6	.2	24	2.41	.094	7	8.3	.13	97	.005	1	1.12	.008	.03	.1	.12	2.2	<.1	.14	3	1.8	1.0
19400N 22200E	1.2	39.8	28.2	107	2.5	8.3	9.2	2343	3.39	18.2	.4	3.5	.3	64	.5	1.1	.1	33	1.29	.166	14	10.5	.21	103	.005	1	1.58	.008	.05	.1	.12	3.3	.1	.11	5	1.1	7.5
19400N 22220E	1.1	37.2	26.7	123	.9	12.4	11.4	751	4.69	86.7	.3	7.5	.3	30	.2	1.5	.2	56	.55	.111	8	14.2	.56	73	.010	<1	1.90	.006	.03	.4	.06	4.2	<.1	<.05	6	.7	7.5
19400N 22240E	1.3	45.3	27.6	243	3.5	8.8	7.2	587	4.08	97.9	.5	101.9	.2	72	1.0	1.9	.2	42	1.58	.111	14	10.6	.28	103	.027	1	1.70	.009	.04	.2	.13	3.3	.1	.11	6	1.3	15.0
19400N 22260E	1.3	29.4	72.2	40	.7	4.3	4.4	490	4.74	70.1	.2	60.4	.2	5	.1	3.4	.2	57	.05	.166	6	7.2	.05	44	.003	1	.92	.008	.03	.4	.06	1.5	.1	<.05	5	.8	1.0
19400N 22280E	1.7	45.0	18.2	99	2.6	17.0	13.9	460	5.28	117.5	.4	9.8	.2	10	.4	2.9	.6	35	.14	.122	12	6.9	.11	57	.003	<1	1.36	.006	.04	.4	.07	2.5	.1	<.05	8	.8	7.5
19400N 22300E	2.2	42.5	65.2	96	.9	9.9	16.9	1539	7.72	86.0	.5	10.5	.4	17	.4	1.1	.2	74	.24	.126	15	14.3	.26	84	.014	<1	2.27	.008	.05	.3	.09	4.2	.1	<.05	10	.9	15.0
19400N 22320E	1.2	36.6	28.8	96	.6	10.5	10.7	722	5.27	73.1	.2	6.1	.3	7	.2	1.1	.1	66	.08	.062	6	14.8	.44	56	.013	<1	1.79	.006	.03	.1	.04	3.6	.1	<.05	6	.5	7.5
STANDARD DS5	12.5	148.9	25.6	138	.3	25.4	11.7	791	3.03	19.0	6.2	41.2	2.9	49	5.6	3.9	6.1	65	.77	.097	12	195.5	.70	135	.108	17	2.04	.035	.15	4.8	.16	3.5	1.1	<.05	7	5.2	15.0

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19400N 22340E	1.4	46.8	40.8	165	.5	14.7	14.8	1292	5.56	122.1	.3	30.7	.8	16	.5	1.2	.2	73	.28	.080	9	16.0	.56	172	.010	2	2.68	.009	.06	.4	.05	5.5	.1	.07	8	<.5	15.0
19400N 22360E	1.5	28.3	26.4	86	.3	8.1	8.6	560	5.17	61.2	.3	29.0	.3	6	.2	1.1	.2	71	.08	.057	8	13.2	.37	76	.022	1	1.90	.007	.04	.3	.06	3.2	.1	.06	9	<.5	15.0
19400N 22380E	1.3	19.7	16.3	36	.3	4.1	4.1	185	3.41	57.7	.2	7.3	.2	4	.1	1.0	.2	94	.03	.040	6	6.7	.13	38	.012	<1	1.14	.005	.03	.2	.04	1.9	.1	<.05	9	<.5	7.5
19400N 22400E	1.3	30.1	34.3	72	.6	5.5	5.4	443	4.19	463.8	.2	20.5	.5	6	.1	2.8	.2	74	.03	.047	7	6.7	.08	48	.017	1	1.12	.005	.03	.4	.03	2.8	.1	<.05	8	<.5	7.5
19400N 22420E	1.1	26.0	33.2	181	.9	4.8	5.2	385	4.10	136.1	.3	11.9	.1	5	.4	1.4	.2	68	.04	.065	7	7.9	.11	62	.011	1	1.32	.006	.04	.3	.06	1.7	.1	.06	7	<.5	15.0
19400N 22440E	1.3	172.6	40.0	330	4.8	15.9	16.7	1949	5.29	355.3	1.0	16.8	.8	59	4.9	2.9	.2	56	1.37	.215	19	17.9	.46	164	.009	2	2.81	.008	.06	.2	.20	10.1	.1	.10	6	1.2	7.5
19400N 22460E	1.7	37.9	35.2	130	.8	10.1	9.1	254	5.84	174.6	.3	3.1	.5	20	.7	1.7	.2	63	.32	.061	8	10.8	.23	147	.006	1	1.58	.007	.04	.3	.05	3.8	.1	<.05	7	<.5	15.0
19400N 22480E	1.8	32.3	25.1	115	.5	9.8	10.7	423	5.75	65.6	.2	5.6	.4	31	.3	1.7	.2	53	.57	.054	8	10.4	.23	84	.007	2	1.30	.007	.04	.3	.04	3.5	.1	.06	7	<.5	7.5
19400N 22500E	1.5	86.6	52.3	181	7.0	18.4	15.8	1823	5.24	185.5	.8	20.5	.6	47	1.7	2.1	.4	45	1.12	.161	19	15.9	.43	121	.009	2	2.08	.009	.04	.2	.23	6.9	.1	.08	6	1.6	7.5
19400N 22520E	1.5	67.3	187.3	153	5.4	12.8	17.5	2981	4.79	186.2	.8	17.0	.4	62	1.6	1.8	.2	38	1.54	.173	19	13.4	.29	147	.013	2	3.07	.010	.04	.1	.19	4.4	.1	.10	5	1.5	7.5
19400N 22540E	1.1	74.4	32.0	88	6.5	7.5	8.1	824	3.17	103.0	1.2	19.3	.2	60	.8	1.3	.1	35	1.50	.134	15	10.8	.23	106	.014	1	1.74	.010	.04	.1	.23	4.4	.1	.07	5	1.1	7.5
19400N 22560E	1.1	17.9	42.6	70	.5	4.4	5.7	350	3.18	55.0	.2	4.8	.2	56	.3	1.1	.1	62	1.40	.029	6	7.6	.23	112	.039	<1	1.04	.009	.04	.1	.05	2.2	<.1	.08	7	<.5	7.5
19400N 22580E	1.2	19.8	15.4	100	.4	5.4	5.9	210	4.93	95.3	.2	3.6	.2	31	.4	1.1	.1	69	.69	.036	6	11.2	.28	65	.008	<1	1.39	.007	.03	.2	.03	2.8	<.1	<.05	8	<.5	7.5
19400N 22600E	2.1	53.2	61.6	424	1.0	11.9	28.5	2863	5.98	308.6	.8	11.1	.4	23	2.4	3.4	.3	53	.43	.091	13	16.5	.42	78	.019	2	2.00	.009	.04	.2	.06	6.5	.1	.06	7	.5	15.0
19400N 22620E	2.6	145.2	62.4	545	7.9	12.4	31.4	1908	4.47	274.6	1.7	17.2	.3	60	6.6	3.7	.3	35	1.31	.136	25	11.9	.18	117	.016	3	1.91	.009	.04	.1	.19	7.0	.1	.10	5	1.5	7.5
RE 19400N 22620E	2.4	143.4	60.1	504	7.6	12.2	30.2	1697	4.14	263.8	1.7	36.7	.3	57	6.4	3.6	.3	33	1.24	.132	24	11.1	.17	111	.014	2	1.87	.009	.04	.2	.19	6.6	.1	.07	4	1.4	7.5
19400N 22640E	3.3	34.6	11.1	88	.3	4.7	5.9	186	4.64	52.5	.3	.5	.4	19	.5	2.2	.2	75	.33	.047	9	7.4	.09	70	.007	2	.95	.006	.03	.2	.04	2.9	<.1	<.05	9	<.5	15.0
19400N 22660E	1.5	177.9	39.5	179	3.5	14.2	20.5	1372	4.02	508.7	1.2	10.1	.5	72	2.1	3.1	.2	35	1.57	.099	16	12.1	.34	122	.006	2	1.52	.008	.04	.2	.13	7.4	.1	<.05	5	1.1	15.0
19400N 22680E	1.5	88.4	44.2	154	3.6	15.1	17.2	1492	4.74	513.1	1.3	32.9	.9	38	.6	3.7	.2	41	.76	.115	15	13.6	.44	115	.006	1	1.74	.007	.05	.3	.13	12.6	.1	<.05	4	1.4	15.0
19400N 22700E	.3	46.9	4.5	15	2.7	3.9	.8	73	.24	14.5	.5	2.2	.1	105	.4	2.3	.1	1	2.67	.077	10	3.5	.12	69	.002	2	.34	.012	.03	.1	.13	2.5	<.1	.19	<1	1.6	1.0
19400N 22720E	.5	111.1	4.6	11	3.9	7.3	.5	36	.28	14.9	1.1	4.2	.1	137	.5	2.3	.1	1	3.57	.059	17	4.3	.13	88	.003	4	.50	.009	.01	<.1	.15	3.0	<.1	.14	<1	2.4	1.0
19400N 22740E	.5	100.3	6.7	23	3.7	8.7	1.0	127	.34	15.2	.7	4.4	.1	147	.5	2.8	<.1	2	3.89	.071	15	4.4	.15	93	.002	5	.56	.011	.02	<.1	.16	2.5	<.1	.20	<1	2.6	1.0
19400N 22760E	1.5	25.2	34.9	60	.4	5.5	4.6	142	5.43	80.5	.2	4.9	.3	14	.3	1.7	.1	72	.23	.028	7	10.2	.15	49	.009	<1	1.38	.006	.02	.4	.03	2.8	.1	.07	6	<.5	15.0
19400N 22780E	1.1	41.6	40.4	135	.6	14.5	21.4	582	4.08	35.8	.3	7.8	.8	19	.5	1.6	.1	49	.32	.045	9	12.7	.50	110	.004	1	2.24	.008	.05	.3	.04	4.9	.1	<.05	5	.5	15.0
19400N 22800E	1.1	37.4	16.7	82	.4	8.8	8.4	279	5.37	45.9	.2	2.6	.6	9	.2	1.3	.1	73	.09	.041	7	12.5	.28	94	.004	2	1.55	.007	.03	.2	.03	4.0	.1	<.05	7	<.5	15.0
19400N 22820E	.7	33.9	40.8	122	3.4	8.0	9.0	370	4.13	72.0	.3	4.3	<.1	75	.9	.9	.1	50	1.88	.119	10	10.3	.33	142	.014	2	1.89	.010	.04	.2	.09	1.8	.1	.11	6	.7	15.0
19400N 22840E	1.1	25.2	18.6	84	.7	4.6	4.2	154	3.29	76.6	.1	2.0	.1	31	.3	1.6	.1	64	.75	.044	6	5.8	.13	102	.016	2	.79	.007	.05	.3	.03	2.3	.1	.07	6	<.5	7.5
19400N 22860E	.8	43.6	35.0	99	.9	12.1	10.0	374	5.47	48.5	.1	43.3	.7	6	.3	1.3	.1	55	.08	.061	7	15.8	.48	55	.007	1	1.83	.006	.03	.2	.05	4.4	.1	<.05	6	<.5	15.0
19400N 22880E	.9	33.2	30.0	67	.4	6.5	6.0	214	4.54	49.9	.2	4.3	.4	5	.1	1.4	.1	59	.02	.044	7	10.5	.19	56	.006	1	1.33	.007	.03	.3	.05	3.1	.1	<.05	6	<.5	15.0
19400N 22900E	1.2	62.8	50.6	130	1.2	11.6	10.6	492	5.89	108.4	.3	9.1	.9	8	.3	1.6	.1	66	.07	.041	7	15.3	.29	100	.005	1	2.05	.007	.04	.4	.06	4.9	.1	<.05	7	<.5	15.0
19400N 22920E	1.3	57.4	42.8	124	.5	13.9	16.2	816	4.75	58.1	.2	4.4	.8	29	.5	1.7	.1	63	.53	.071	11	13.7	.45	120	.006	1	1.75	.010	.06	.4	.03	6.3	.1	<.05	6	.5	15.0
19400N 22940E	1.2	59.5	58.3	143	1.3	14.9	15.6	753	4.86	72.3	.3	12.3	.7	37	.6	2.2	.1	59	.72	.068	8	13.6	.47	120	.009	2	1.84	.010	.06	.3	.05	6.3	.1	<.05	6	.7	15.0
19400N 22960E	1.0	44.6	27.6	94	1.2	9.0	8.1	313	3.93	72.8	.2	5.7	.6	12	.4	1.4	.1	51	.18	.069	7	11.3	.28	80	.004	1	1.36	.008	.04	.2	.06	5.0	.1	.07	5	<.5	15.0
19400N 22980E	1.0	49.5	55.7	148	1.7	14.4	14.7	838	4.19	56.5	.2	19.1	.8	30	.7	2.7	.1	50	.54	.071	10	14.3	.53	123	.008	2	1.78	.007	.05	.4	.06	7.3	.1	.06	5	<.5	15.0
STANDARD DS5	12.7	145.5	25.3	138	.3	26.1	12.3	794	3.03	17.7	6.2	41.2	2.6	45	5.6	3.8	6.0	63	.76	.089	12	192.9	.68	133	.104	17	2.01	.034	.16	5.1	.15	3.5	1.1	<.05	6	4.9	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19400N 23000E	.9	50.9	71.0	158	1.0	15.2	14.5	881	4.09	78.4	.2	30.3	.9	24	.8	2.8	.1	45	.41	.081	9	13.0	.53	105	.006	1	1.63	.009	.05	.5	.06	6.9	.1	<.05	5	<.5	15.0
19400N 23020E	1.0	52.3	97.6	197	.6	14.5	16.4	957	4.52	133.5	.2	50.0	.8	17	.6	3.2	.1	47	.29	.081	8	12.7	.46	96	.006	1	1.55	.006	.04	.6	.05	6.2	.1	<.05	4	<.5	15.0
19300N 20500E	1.8	54.2	35.0	154	1.2	18.3	18.8	1945	5.08	54.2	.5	42.7	.9	36	.9	1.2	.1	56	.62	.104	13	17.3	.55	150	.002	<1	1.80	.007	.05	.2	.11	10.9	.1	<.05	6	.8	15.0
19300N 20520E	4.4	66.5	55.8	96	1.6	12.8	28.4	4922	6.85	117.4	.5	23.8	.5	93	1.4	1.6	.1	42	1.64	.107	12	10.7	.23	312	.001	<1	1.42	.008	.04	.4	.15	10.9	.2	<.05	3	4.1	7.5
19300N 20540E	1.1	46.4	37.1	111	.8	14.6	15.8	686	4.60	36.1	.2	12.4	.8	21	.6	.8	.1	46	.41	.071	11	11.8	.50	126	.001	<1	1.79	.007	.03	.2	.07	8.5	.1	<.05	5	.7	15.0
19300N 20560E	1.1	73.4	44.7	127	4.3	12.9	12.0	1161	3.79	71.3	.6	24.8	.5	75	.9	1.2	.1	37	1.70	.108	10	11.1	.26	251	.001	1	1.60	.011	.07	.3	.20	12.1	.1	<.05	4	1.6	7.5
19300N 20580E	3.0	103.8	24.9	127	1.2	17.2	12.4	448	3.96	18.5	1.6	10.9	.6	68	1.0	1.0	.1	56	.91	.139	11	17.9	.35	207	.002	<1	2.10	.008	.03	.1	.24	15.9	.1	.07	7	3.3	15.0
19300N 20600E	3.7	80.1	88.9	164	1.7	18.6	23.4	2458	4.66	91.0	.8	52.5	.6	67	1.8	2.1	.1	48	1.14	.094	12	13.7	.48	132	.004	1	1.62	.012	.06	.6	.10	9.8	.1	<.05	4	4.5	7.5
19300N 20620E	1.7	31.0	44.0	91	2.6	6.8	7.4	325	3.77	54.9	.2	56.0	.5	14	.2	1.2	.1	53	.18	.069	7	9.3	.18	92	.003	1	1.35	.006	.04	.4	.09	3.9	.1	<.05	5	.7	15.0
19300N 20640E	1.5	36.9	57.0	110	.8	8.6	7.6	268	5.09	75.2	.3	47.5	.6	29	.5	1.9	.2	60	.49	.061	8	11.8	.30	88	.004	<1	1.96	.007	.04	.4	.08	4.4	.1	<.05	8	.5	15.0
19300N 20660E	.9	45.6	60.0	170	.8	14.8	13.2	820	4.29	68.4	.3	47.6	.8	33	.6	1.5	.2	60	.51	.043	9	15.1	.54	117	.007	1	1.95	.007	.05	.4	.05	6.7	.1	<.05	6	.6	15.0
19300N 20680E	.8	39.4	47.0	136	1.0	13.1	10.9	556	3.98	62.7	.3	39.3	.7	40	.4	1.2	.1	52	.64	.061	9	14.1	.51	127	.006	1	1.95	.007	.05	.5	.06	7.0	.1	<.05	5	<.5	15.0
19300N 20700E	.7	38.6	53.4	138	.5	14.2	16.0	751	4.26	60.7	.3	50.5	1.1	31	.6	1.0	.1	63	.40	.053	11	15.8	.54	137	.011	2	2.09	.007	.04	.3	.06	7.5	.1	<.05	6	<.5	15.0
19300N 20720E	.7	41.7	62.5	173	1.3	13.3	14.0	748	4.37	88.6	.3	39.2	.8	29	.6	1.2	.1	58	.40	.061	9	14.7	.45	127	.005	1	2.00	.007	.05	.3	.07	6.5	.1	<.05	6	.5	15.0
19300N 20740E	.7	44.9	41.9	152	1.3	13.6	11.8	1014	4.07	69.1	.3	37.8	.6	57	.5	1.4	.1	54	.89	.078	9	14.2	.47	176	.007	2	2.09	.009	.08	.3	.08	7.6	.1	<.05	5	.7	15.0
19300N 20760E	.8	48.5	44.6	141	1.0	15.5	12.6	754	4.21	62.9	.3	45.1	.9	37	.6	1.9	.1	56	.57	.092	11	14.6	.55	110	.015	1	1.83	.007	.06	.4	.07	6.8	.1	<.05	5	.5	15.0
19300N 20780E	1.0	57.9	40.5	70	.8	12.9	11.2	1655	4.40	88.1	.2	29.9	.6	12	.3	3.9	.2	58	.08	.067	9	8.4	.11	63	.003	2	1.05	.005	.04	.2	.06	4.2	.1	<.05	6	.7	7.5
19300N 20800E	1.0	45.6	37.9	152	.6	12.2	11.8	474	4.77	107.4	.2	20.4	.6	22	.5	1.2	.1	63	.28	.039	9	13.8	.47	114	.007	1	1.95	.005	.04	.3	.03	5.9	.1	<.05	6	<.5	15.0
19300N 20820E	1.1	87.0	75.6	234	2.8	16.9	11.6	1833	4.79	111.6	.3	43.2	.7	64	.8	1.6	.2	51	1.04	.118	13	13.1	.47	160	.006	2	2.36	.009	.06	.4	.12	7.8	.1	<.05	6	.7	15.0
19300N 20840E	1.5	59.6	159.2	402	.9	13.8	23.3	5637	6.02	160.0	.3	43.4	.4	56	2.5	1.8	.7	45	.99	.106	9	11.1	.25	147	.014	<1	1.62	.007	.05	.2	.09	6.9	.1	<.05	6	.9	15.0
19300N 20860E	.9	82.3	353.2	358	2.0	14.9	13.5	1674	4.76	133.9	.4	110.7	.5	49	2.6	1.4	.4	50	.91	.172	10	15.7	.45	91	.010	2	2.08	.008	.05	.2	.13	7.9	.1	<.05	5	1.3	15.0
RE 19300N 20760E	.7	48.7	39.0	153	1.1	15.8	11.9	779	4.22	65.2	.3	48.3	.9	37	.6	1.8	.1	56	.57	.088	11	14.8	.54	102	.017	1	1.79	.008	.06	.4	.06	7.3	.1	<.05	5	<.5	15.0
19300N 20880E	1.2	122.3	109.4	163	2.2	15.5	10.1	438	4.38	129.3	.5	17.6	.2	53	3.0	1.2	.2	51	1.00	.065	11	10.6	.21	84	.014	1	1.56	.008	.04	.3	.09	3.7	.1	<.05	8	.8	15.0
19300N 20900E	1.6	36.3	149.8	274	.6	8.5	12.3	958	5.25	225.1	.1	22.7	.4	25	1.0	1.3	.2	71	.35	.063	7	10.9	.17	89	.009	1	1.38	.006	.04	.3	.04	4.2	.1	<.05	7	<.5	7.5
19300N 20920E	1.1	45.3	45.1	159	.4	13.6	13.4	1001	5.52	122.4	.2	25.7	.6	10	.5	1.1	.2	67	.07	.063	7	16.7	.44	83	.006	1	2.27	.006	.04	.3	.04	4.9	.1	<.05	7	<.5	15.0
19300N 20940E	1.1	31.5	34.7	97	.3	7.0	7.3	308	3.27	63.1	.1	34.1	.3	20	.2	.8	.2	71	.25	.044	7	9.7	.18	64	.008	1	1.32	.007	.04	.3	.03	3.0	.1	<.05	8	<.5	15.0
19300N 20960E	1.2	41.0	35.3	136	.4	12.3	11.3	486	5.41	98.9	.2	12.6	.5	35	.3	1.2	.2	77	.57	.053	7	14.7	.44	102	.011	1	2.16	.007	.04	.3	.03	4.8	.1	<.05	8	.5	15.0
19300N 20980E	1.5	49.6	18.8	62	.6	5.6	8.0	415	7.19	101.2	.1	4.4	.4	7	.2	1.6	.2	87	.07	.043	6	11.9	.07	36	.020	2	1.26	.006	.03	.3	.04	3.2	.1	<.05	8	<.5	7.5
19300N 21000E	1.1	39.9	52.6	77	1.2	7.1	6.7	284	8.33	154.3	.2	17.3	.5	6	.3	1.2	.2	66	.03	.041	5	16.5	.17	38	.014	<1	1.93	.005	.02	.4	.06	3.8	.1	<.05	7	.5	15.0
19300N 21020E	1.3	134.4	23.4	77	4.4	11.0	7.4	1062	2.05	79.2	1.4	34.0	.4	129	1.6	1.3	.1	17	2.97	.158	36	11.0	.24	63	.009	2	1.89	.013	.02	.1	.39	6.9	.1	.13	2	5.7	7.5
19300N 21040E	1.6	42.5	29.2	147	1.5	11.5	12.2	1537	3.65	74.2	.5	13.7	.3	79	1.1	1.1	.2	41	1.50	.135	11	13.4	.46	79	.009	1	1.93	.009	.04	.2	.12	5.8	.1	.08	4	.9	7.5
19300N 21060E	1.5	74.1	51.8	162	2.1	14.3	17.3	916	4.01	151.6	.4	33.8	.5	64	1.8	1.5	.2	46	1.25	.090	9	14.2	.46	97	.013	2	1.77	.008	.05	.3	.10	5.8	.1	<.05	5	1.3	7.5
19300N 21080E	1.1	38.3	40.4	123	.5	8.6	8.3	322	4.90	106.0	.2	22.0	.5	13	.8	1.0	.2	68	.14	.065	7	11.4	.26	88	.010	<1	1.75	.007	.04	.4	.04	3.5	.1	<.05	8	<.5	15.0
19300N 21100E	.7	12.3	10.7	20	.5	3.0	3.2	1126	1.51	47.4	.1	54.4	<.1	4	.1	.6	.1	36	.02	.039	8	3.8	.03	40	.005	2	.63	.005	.03	.2	.03	.6	.1	<.05	6	<.5	15.0
STANDARD DS5	12.8	146.0	25.4	132	.3	25.4	11.9	780	3.01	18.0	6.1	41.3	2.7	47	5.6	3.8	6.0	60	.72	.091	11	190.5	.66	135	.091	17	1.95	.032	.14	5.0	.17	3.4	1.1	<.05	6	4.9	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19300N 21120E	1.0	34.8	30.4	89	.8	9.1	9.2	559	5.84	83.3	.2	8.7	.4	5	.1	1.3	.2	73	.04	.067	5	13.6	.31	46	.013	1	1.80	.006	.03	.4	.08	3.8	.1	<.05	7	.5	15.0
19300N 21140E	1.2	41.6	47.8	103	.5	10.6	9.8	572	5.23	555.2	.2	76.9	.2	6	.1	1.5	.2	67	.03	.091	6	14.1	.31	44	.009	2	1.62	.006	.04	.6	.06	3.4	.1	<.05	7	.6	15.0
19300N 21160E	.9	31.7	41.2	81	1.4	7.7	7.5	231	3.19	61.2	.3	15.3	.4	25	.3	.7	.1	47	.51	.085	9	8.8	.25	85	.004	1	2.03	.007	.04	.3	.08	3.6	.1	<.05	6	.6	15.0
19300N 21180E	2.4	45.6	4.0	61	.2	9.1	8.6	274	3.36	55.2	.1	75.3	.2	13	<.1	1.6	.1	45	.02	.049	9	2.4	.04	25	.007	3	.20	.005	.03	.3	.03	1.6	.1	<.05	2	<.5	7.5
19300N 21200E	1.0	23.4	12.4	36	.9	5.3	4.8	220	4.87	25.2	.2	1.3	.3	3	.1	1.1	.1	92	.03	.039	6	11.1	.15	26	.030	1	1.42	.005	.02	.2	.08	2.8	.1	<.05	8	.5	15.0
19300N 21220E	1.5	48.3	35.4	83	.7	8.1	18.2	1659	4.44	119.7	.4	19.3	.2	60	.4	1.1	.1	54	1.31	.091	13	11.3	.28	142	.008	1	1.43	.008	.03	.2	.05	4.6	.1	<.05	5	.9	7.5
19300N 21240E	1.1	25.3	13.9	46	.7	4.9	5.0	155	3.93	20.6	.4	2.4	.5	31	.2	.7	.1	55	.51	.061	6	10.9	.17	60	.006	1	2.53	.007	.02	.2	.09	3.8	<.1	<.05	6	.8	15.0
19300N 21260E	2.5	60.8	26.6	135	.7	16.4	19.1	1230	4.96	40.4	.5	8.2	.5	30	.4	1.0	.1	68	.41	.130	11	17.5	.48	143	.013	1	3.24	.010	.04	.3	.08	5.9	.1	<.05	9	1.1	15.0
19300N 21280E	1.3	35.1	21.6	64	.6	6.9	7.7	494	9.46	39.9	.3	.8	.4	5	.3	1.1	.2	97	.03	.129	5	17.1	.21	37	.023	1	1.90	.006	.03	.3	.09	3.9	.1	<.05	10	.6	15.0
19300N 21300E	1.7	51.5	10.2	161	1.4	12.3	10.2	934	3.96	28.5	.4	1.8	.3	50	.4	1.1	.1	62	.81	.106	15	15.3	.52	102	.017	1	2.35	.007	.04	.2	.08	6.4	.1	<.05	7	1.1	15.0
19300N 21320E	.9	8.2	11.1	30	.5	2.6	3.6	449	1.56	10.0	.1	.7	.2	35	.2	.4	.1	51	.52	.027	8	5.7	.14	84	.031	1	.92	.005	.03	.1	.03	1.7	.1	<.05	7	<.5	7.5
19300N 21340E	1.3	28.5	25.7	104	.2	6.8	5.8	205	3.90	49.0	.2	17.4	.2	53	.2	.8	.1	64	.88	.049	5	10.4	.29	83	.010	<1	1.50	.006	.03	.5	.05	3.5	<.1	<.05	6	<.5	15.0
19300N 21360E	1.3	41.1	39.9	89	.3	9.3	8.5	343	5.54	66.1	.3	63.5	.4	8	.6	1.0	.1	76	.11	.063	6	14.8	.41	53	.011	1	2.03	.007	.03	.5	.05	4.2	.1	<.05	8	.6	15.0
19300N 21380E	1.4	23.5	14.9	31	.5	2.7	3.4	147	4.82	50.8	.1	222.9	.3	5	.1	.9	.2	76	.02	.037	7	7.1	.06	24	.010	<1	1.23	.005	.02	.3	.03	2.2	.1	<.05	9	<.5	7.5
RE 19300N 21380E	1.5	22.0	15.9	30	.5	2.8	3.1	146	4.71	51.1	.1	12.7	.3	5	.1	1.0	.2	76	.02	.038	8	7.3	.06	26	.011	2	1.34	.005	.02	.4	.03	2.1	.1	<.05	9	<.5	7.5
19300N 21400E	2.2	41.3	45.8	191	1.7	10.4	11.2	534	5.00	148.8	.4	122.8	.5	40	.6	1.4	.5	52	.65	.072	10	13.4	.42	67	.010	1	1.70	.007	.03	.3	.09	5.8	.1	<.05	7	1.2	15.0
19300N 21420E	2.2	48.2	31.4	111	.4	9.1	10.6	431	7.74	94.4	.4	50.1	.4	11	.5	1.0	.2	68	.11	.075	6	18.7	.35	52	.013	1	2.36	.006	.02	.4	.06	4.3	.1	<.05	7	.7	7.5
19300N 21440E	2.7	53.3	42.5	214	1.5	13.2	15.0	1364	4.90	97.1	.7	44.2	.4	55	1.3	1.1	.2	51	.80	.161	13	14.6	.40	117	.011	1	2.40	.008	.04	.3	.10	5.6	.1	<.05	7	1.2	7.5
19300N 21460E	2.4	40.9	57.8	67	.5	6.0	5.9	477	9.17	112.5	.4	27.4	.6	5	.5	1.1	.3	92	.03	.072	9	17.2	.16	34	.048	2	1.83	.008	.03	.5	.08	3.6	.1	<.05	12	.7	15.0
19300N 21480E	3.0	35.5	47.5	81	1.2	7.7	6.9	232	4.54	91.9	.4	22.6	.5	12	.4	.8	.1	64	.10	.087	7	12.6	.33	80	.007	<1	1.96	.006	.03	.3	.08	4.0	.1	<.05	7	.5	15.0
19300N 21500E	1.2	25.9	63.5	54	.3	3.4	4.7	403	7.15	353.5	.2	38.0	.2	4	.2	1.4	.2	121	.05	.164	6	11.2	.10	26	.014	2	1.11	.006	.03	.3	.06	1.8	.1	<.05	10	<.5	15.0
19300N 21520E	4.5	58.0	26.3	155	1.5	12.3	11.8	1329	4.63	140.8	.7	43.7	.5	51	.6	1.1	.2	42	.73	.164	8	13.2	.37	100	.008	1	2.08	.007	.04	.2	.11	5.1	.1	<.05	7	1.1	7.5
19300N 21540E	5.4	65.9	74.6	174	2.1	13.4	20.1	1857	4.86	132.0	1.1	63.6	.6	105	.8	1.5	.2	53	1.51	.160	10	15.4	.40	176	.010	2	2.62	.010	.06	.4	.13	7.2	.1	<.05	7	1.0	7.5
19300N 21560E	1.7	8.9	77.8	131	1.1	2.2	4.1	380	3.18	130.8	.3	16.3	1.1	17	.4	.4	.1	26	.28	.074	9	2.8	.05	70	.002	1	1.23	.005	.04	.1	.05	1.5	.1	<.05	5	.5	15.0
19300N 21580E	1.9	39.4	25.6	64	.6	6.3	6.2	278	6.48	83.7	.3	45.6	.3	6	.4	1.2	.2	95	.05	.067	7	12.4	.17	56	.022	2	1.54	.006	.03	.3	.09	3.2	.1	<.05	9	.7	15.0
19300N 21600E	1.3	50.7	34.3	129	1.2	13.1	12.8	874	5.51	101.3	.3	46.5	.7	7	.2	1.3	.1	73	.04	.076	6	16.6	.48	69	.008	<1	2.24	.007	.04	.3	.07	5.3	.1	<.05	7	.6	7.5
19300N 21620E	1.1	48.7	43.4	150	.9	14.5	14.7	1006	6.00	92.1	.3	21.6	.8	7	.5	1.3	.1	67	.05	.062	6	18.0	.53	74	.019	2	2.43	.007	.05	.3	.10	5.5	.1	<.05	7	.5	15.0
19300N 21640E	.7	13.8	13.5	28	.5	3.4	3.7	769	1.71	21.9	.2	11.5	<.1	6	.1	.5	.1	28	.10	.157	5	6.7	.12	36	.008	5	.80	.007	.06	.2	.12	.9	.1	<.05	5	.5	7.5
19300N 21660E	2.5	38.4	41.1	130	.7	12.4	19.7	2657	6.32	148.2	.6	75.5	.3	19	.6	2.1	.2	52	.20	.155	15	12.6	.26	140	.010	1	1.69	.009	.04	.3	.09	4.0	.1	<.05	9	1.0	7.5
19300N 21680E	2.4	32.7	52.1	104	.5	7.7	9.2	667	5.42	118.6	.2	16.5	.2	8	.2	1.2	.1	71	.08	.088	6	13.1	.23	66	.012	1	1.61	.006	.04	.2	.06	3.4	.1	<.05	7	<.5	15.0
19300N 21700E	6.7	22.3	11.7	41	.4	4.0	3.9	199	4.04	46.3	.3	55.0	.2	7	.2	1.3	.2	55	.07	.060	8	7.0	.11	80	.008	<1	1.32	.006	.03	.3	.07	2.4	.1	<.05	9	<.5	15.0
19300N 21720E	3.5	57.0	23.8	101	2.9	9.4	14.1	1126	4.09	134.0	1.4	13.8	.4	77	.9	1.3	.1	42	1.83	.201	21	13.4	.23	123	.011	1	2.48	.010	.04	.2	.17	6.7	.1	.08	5	3.1	15.0
19300N 21740E	2.7	43.1	723.7	177	2.9	11.8	15.1	1067	4.57	142.1	.5	509.8	.4	24	.6	10.4	.2	54	.41	.119	9	13.3	.52	108	.009	1	2.18	.009	.05	.3	.09	4.6	.1	<.05	7	.7	15.0
19300N 21760E	3.7	35.7	23.9	77	2.5	6.5	6.9	381	8.28	84.5	.6	4.9	.1	15	.9	.8	.1	73	.25	.156	8	13.5	.16	89	.014	1	2.57	.007	.03	.3	.19	3.2	.1	<.05	7	.8	15.0
STANDARD DS5	12.7	140.2	24.6	137	.3	24.5	12.2	746	2.99	17.8	5.8	41.0	2.7	45	5.6	4.0	5.9	59	.72	.088	12	188.4	.65	133	.100	17	1.98	.031	.15	5.0	.16	3.6	1.1	<.05	7	4.9	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19300N 21780E	2.4	40.5	31.4	118	.7	11.8	15.9	1602	4.62	45.9	.3	19.3	.3	25	.5	.8	.1	72	.36	.181	7	16.0	.49	147	.008	2	2.89	.010	.06	.4	.06	3.5	.1	<.05	8	.6	7.5
19300N 21800E	1.9	35.3	21.4	117	.3	12.7	17.3	1918	4.66	45.5	.3	7.6	.2	15	.2	.9	.2	62	.17	.077	8	16.2	.62	93	.008	2	2.55	.008	.04	.2	.03	2.3	.1	<.05	8	.6	15.0
19300N 22200E	3.0	44.9	68.1	197	2.7	11.7	10.9	6631	5.41	213.3	.5	7.1	.7	33	1.4	2.2	.4	46	.53	.169	11	12.1	.26	124	.010	2	2.22	.006	.04	.2	.11	7.3	.2	<.05	6	.7	15.0
19300N 22220E	1.2	27.9	70.9	90	4.2	8.1	8.7	635	6.57	37.5	.2	1.4	.3	5	.1	2.3	.2	85	.06	.125	5	12.3	.23	39	.023	1	1.61	.006	.03	.2	.07	3.3	.1	<.05	9	.5	15.0
19300N 22240E	.9	14.1	365.4	671	3.9	3.5	5.9	4062	2.58	36.2	.2	4.3	.6	23	3.2	1.9	.3	26	.41	.078	9	5.3	.10	115	.003	1	1.50	.006	.04	.1	.07	1.5	.1	<.05	5	.5	15.0
19300N 22260E	.8	24.9	4.1	38	.3	7.2	9.0	182	2.29	30.4	.1	1.3	.3	20	.1	.8	.3	44	.29	.048	4	4.7	.06	32	.001	1	.42	.007	.03	.1	.02	2.5	<.1	<.05	4	<.5	15.0
19300N 22280E	1.2	19.3	27.5	61	.8	4.0	4.2	331	3.82	49.1	.1	11.0	.6	6	.1	1.4	.1	49	.05	.043	8	6.7	.09	30	.005	4	1.00	.006	.03	.1	.04	1.9	.1	<.05	6	<.5	15.0
19300N 22300E	1.2	27.6	32.5	139	.7	6.3	6.9	416	4.13	49.8	.2	6.8	.6	5	.4	1.7	.2	65	.02	.049	7	10.0	.21	54	.005	1	1.87	.006	.03	.2	.06	3.7	.1	<.05	9	.5	15.0
19300N 22320E	2.0	22.7	35.2	293	4.5	12.1	8.5	201	2.05	45.3	.1	.6	.2	3	.3	3.7	.1	44	.03	.039	12	3.8	.04	15	.005	4	.50	.006	.02	.2	.04	1.0	.1	<.05	4	<.5	7.5
19300N 22340E	1.1	31.2	112.2	106	.8	6.2	9.1	804	4.04	87.6	.1	11.2	.1	3	.2	2.9	.2	93	.03	.041	7	12.0	.21	27	.019	1	1.32	.006	.03	.2	.03	2.5	.1	<.05	8	<.5	15.0
19300N 22360E	1.2	36.0	25.2	58	3.2	5.5	6.8	425	4.35	374.5	.1	36.8	.1	5	.2	1.6	1.9	79	.05	.075	6	7.4	.13	46	.008	3	1.15	.007	.03	.2	.05	2.0	.1	<.05	7	.5	7.5
19300N 22380E	.8	19.4	17.4	47	.4	3.5	3.8	201	2.97	75.6	.1	4.7	.1	3	.1	1.0	.2	59	.02	.046	8	6.0	.09	45	.010	1	1.13	.007	.02	.2	.04	1.6	.1	<.05	6	<.5	15.0
19300N 22400E	16.2	96.6	71.5	256	2.7	22.3	21.4	649	8.29	519.0	.2	2.6	.5	4	.3	6.9	.4	57	.07	.118	6	5.2	.08	42	.004	3	.68	.005	.04	.1	.05	3.0	.1	<.05	4	.8	1.0
19300N 22420E	2.2	28.5	40.9	177	.7	10.6	10.7	168	2.51	231.7	.1	18.4	.2	10	.2	17.3	.5	70	.03	.042	9	5.3	.05	24	.003	1	.46	.005	.02	.2	.02	2.0	.1	<.05	5	<.5	15.0
19300N 22440E	2.9	24.7	25.3	76	1.0	5.0	5.3	395	7.58	592.0	.2	11.5	.2	4	.6	1.8	.7	129	.03	.094	6	13.3	.12	29	.012	1	1.55	.006	.02	.5	.07	2.2	.1	<.05	10	<.5	17.5
19300N 22460E	2.7	26.6	29.1	138	.9	5.9	5.7	295	4.30	103.9	.2	4.7	.4	19	.7	1.5	.2	77	.30	.056	7	10.5	.21	74	.008	1	1.67	.007	.04	.2	.04	3.2	.1	<.05	8	<.5	15.0
19300N 22480E	2.1	54.0	32.5	277	3.8	9.7	10.2	363	4.88	399.4	.5	9.4	.3	33	2.9	1.8	.2	58	.61	.126	10	13.6	.33	87	.008	1	2.35	.009	.04	.2	.16	4.1	.1	<.05	7	<.5	7.5
19300N 22500E	4.8	36.6	55.1	706	.7	11.7	27.9	12098	4.89	1194.9	.3	7.7	.2	37	10.2	2.6	.3	52	.60	.101	6	14.0	.40	261	.020	2	2.09	.007	.05	.2	.06	3.4	.2	<.05	9	.6	15.0
19300N 22520E	.9	13.1	2.5	27	.3	4.3	4.2	125	1.51	43.6	.1	3.2	.1	6	<.1	.5	.4	33	.04	.023	8	2.7	.03	17	.006	3	.26	.006	.03	.6	.02	.7	.1	<.05	3	<.5	7.5
19300N 22540E	1.8	24.2	17.2	54	.4	4.6	4.6	227	2.64	244.7	.2	11.2	.2	12	.2	1.7	.8	64	.19	.029	7	5.4	.07	37	.014	<1	.96	.005	.02	.3	.02	1.9	.1	<.05	7	<.5	7.5
19300N 22560E	2.5	38.9	52.1	109	.9	4.2	8.0	195	3.72	242.6	.2	19.4	.1	22	.9	1.8	.5	50	.44	.082	5	5.5	.06	45	.007	1	.94	.008	.03	.2	.04	1.6	<.1	<.05	6	<.5	7.5
19300N 22580E	1.3	89.3	118.1	485	6.8	9.1	7.9	1234	3.06	388.2	.7	17.8	.2	60	5.1	3.8	.4	36	1.20	.119	15	9.0	.26	103	.009	1	1.67	.009	.04	.2	.16	4.0	.1	<.05	5	.7	15.0
19300N 22600E	1.0	43.9	134.3	524	3.2	10.7	9.2	439	4.12	445.0	.6	17.2	.6	32	1.5	2.2	.2	43	.61	.075	10	12.7	.38	92	.005	1	1.91	.008	.04	.3	.10	5.3	.1	<.05	6	<.5	7.5
19300N 22620E	1.9	31.7	38.2	93	1.2	6.3	7.5	342	5.00	241.5	.2	8.3	.3	36	.5	2.2	.3	66	.71	.056	6	9.1	.18	72	.015	1	1.40	.007	.03	.4	.06	3.1	.1	<.05	7	<.5	7.5
RE 19300N 22640E	1.8	21.1	43.0	57	.9	3.5	3.7	152	3.94	146.8	.2	3.7	.3	31	.3	1.8	.2	68	.67	.032	6	7.1	.10	58	.010	1	1.28	.008	.02	.3	.04	2.4	<.1	<.05	7	.5	7.5
19300N 22640E	1.6	22.8	42.1	61	.9	3.9	3.7	154	4.12	151.3	.2	4.0	.3	31	.3	1.7	.2	76	.66	.031	7	7.5	.10	60	.014	2	1.24	.008	.02	.4	.04	2.3	.1	<.05	7	.5	7.5
19300N 22660E	1.7	233.5	68.7	247	4.4	15.6	30.5	2020	5.05	962.3	1.4	27.1	.3	82	4.9	3.4	.2	42	1.71	.173	17	13.5	.30	139	.016	1	1.72	.008	.04	.2	.15	5.6	.1	<.05	5	1.3	15.0
19300N 22680E	1.6	109.4	60.8	151	5.7	12.5	22.6	2675	3.90	357.1	1.4	10.6	.4	87	1.7	2.8	.2	37	1.84	.150	22	15.1	.33	139	.019	1	1.97	.013	.05	.2	.20	8.1	.1	.06	5	1.4	7.5
19300N 22700E	1.4	73.9	41.9	167	2.8	15.1	19.1	1282	5.03	290.2	.8	16.1	.8	49	.6	2.0	.2	56	.95	.166	12	17.4	.51	115	.005	1	1.98	.009	.04	.3	.09	9.6	.1	<.05	6	.6	15.0
19300N 22720E	2.1	68.6	15.8	126	5.1	15.6	24.0	2589	6.03	225.3	.5	4.9	.4	22	.8	2.0	.8	37	.51	.237	6	9.8	.15	66	.005	1	1.66	.008	.05	.3	.16	3.7	.1	<.05	4	.6	7.5
19300N 22740E	1.6	44.3	39.0	153	1.2	13.2	20.4	8926	5.45	149.1	.3	26.0	.4	27	.7	1.7	.4	51	.51	.163	13	11.7	.25	220	.007	1	1.54	.006	.05	.2	.09	4.3	.2	<.05	7	<.5	7.5
19300N 22760E	1.3	44.7	49.6	137	1.4	10.7	9.7	618	5.62	131.9	.2	19.6	.8	4	.2	2.4	.1	55	.06	.082	6	12.0	.36	41	.008	1	1.58	.005	.04	.4	.08	4.6	.1	<.05	5	<.5	15.0
19300N 22780E	1.4	41.6	29.1	113	2.8	10.2	10.4	410	6.21	339.4	.4	12.0	.4	23	.4	1.5	.1	65	.41	.070	8	13.3	.32	101	.016	<1	2.21	.007	.03	.3	.12	4.5	.1	<.05	8	.5	15.0
19300N 22800E	2.4	113.7	55.5	210	4.8	14.6	15.6	8409	4.74	104.8	1.2	7.6	.5	60	2.5	2.0	.3	48	1.13	.246	23	15.4	.27	195	.023	1	2.36	.011	.05	.1	.18	7.0	.2	<.05	11	1.2	15.0
STANDARD DS5	13.1	149.0	25.5	141	.3	25.5	12.6	830	3.05	19.0	6.3	42.0	2.6	50	5.6	4.0	6.0	61	.77	.097	12	194.9	.68	135	.101	17	2.09	.033	.15	4.8	.18	3.5	1.1	<.05	7	4.9	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19300N 22820E	.9	22.3	20.4	62	1.0	5.6	7.8	640	5.65	70.3	.2	43.6	.1	12	.5	1.4	.2	75	.22	.130	7	9.4	.18	60	.006	1	1.25	.007	.04	.3	.06	1.9	.1	<.05	7	<.5	7.5
19300N 22840E	.9	22.2	24.9	54	1.3	3.9	4.4	278	4.86	111.8	.2	122.3	.1	7	.2	1.3	.2	78	.15	.107	5	9.6	.09	60	.009	3	.98	.005	.05	.4	.10	2.0	.1	<.05	6	<.5	15.0
19300N 22860E	1.2	44.8	46.0	133	1.2	6.4	9.2	746	3.94	194.8	.2	23.1	.2	31	.5	1.8	.2	62	.74	.076	11	7.4	.14	126	.011	1	1.28	.006	.04	.5	.05	3.7	.1	<.05	7	.5	15.0
19300N 22880E	.9	27.9	34.2	130	1.3	6.8	7.2	351	4.07	111.0	.1	7.3	.4	17	.9	1.3	.1	57	.31	.066	6	8.6	.18	148	.002	<1	1.08	.006	.03	.3	.05	2.8	.1	<.05	6	<.5	7.5
19300N 22900E	.8	53.4	25.4	121	.4	15.5	18.7	988	4.69	78.1	.1	4.4	.8	12	.4	1.3	.1	56	.21	.041	7	15.7	.58	120	.003	<1	1.93	.007	.04	.1	.02	5.2	<.1	<.05	6	.5	15.0
19300N 22920E	.9	83.3	49.0	200	2.2	19.8	18.9	949	5.15	129.5	.3	27.1	1.2	21	1.0	1.7	.1	52	.37	.071	12	17.4	.54	183	.003	<1	2.44	.009	.05	.2	.08	12.3	.1	<.05	6	.7	15.0
19300N 22940E	.7	50.3	37.0	142	.6	14.6	16.0	612	4.16	56.9	.2	11.9	.9	12	.4	1.3	.1	50	.21	.061	9	14.3	.50	112	.009	<1	1.81	.006	.04	.3	.03	6.9	.1	<.05	5	.7	15.0
19300N 22960E	1.0	47.1	38.8	136	.7	12.9	17.5	723	4.49	63.3	.1	6.9	.7	22	.7	1.6	.2	52	.38	.070	8	13.2	.47	126	.007	<1	1.59	.008	.05	.2	.02	5.4	<.1	<.05	5	.5	15.0
19300N 22980E	.9	51.3	36.8	120	.6	14.0	18.8	987	4.80	83.6	.2	8.7	.9	25	.4	1.7	.1	54	.49	.071	9	14.7	.60	113	.008	<1	1.72	.008	.05	.2	.03	6.8	<.1	<.05	6	.8	15.0
19300N 23000E	1.2	53.5	42.3	113	1.3	7.0	6.2	253	3.68	120.2	.2	14.5	.3	36	.6	1.8	.2	58	.77	.066	7	7.7	.18	90	.007	1	1.25	.008	.06	.4	.05	3.5	.1	<.05	6	.5	15.0
19300N 23020E	1.2	30.4	33.5	95	1.0	8.9	8.0	415	4.42	66.8	.2	7.4	.3	8	.3	1.6	.1	65	.10	.067	6	13.1	.29	108	.009	1	1.70	.008	.05	.5	.05	3.4	.1	<.05	6	.5	15.0
19300N 23040E	.9	40.1	52.6	148	1.2	13.9	11.3	549	3.75	59.2	.2	21.1	.6	32	.8	2.2	.1	46	.52	.093	9	13.2	.46	83	.016	1	1.48	.007	.06	.5	.06	5.8	.1	<.05	5	.5	15.0
19300N 23060E	1.1	41.8	77.8	168	1.3	13.4	17.2	1081	4.37	104.8	.2	19.7	.9	33	.9	1.9	.1	46	.48	.086	8	12.0	.47	78	.006	<1	1.38	.007	.05	.7	.04	6.8	<.1	<.05	4	.7	7.5
RE 19300N 23060E	1.0	43.9	78.4	170	1.5	13.6	17.7	1118	4.43	107.7	.2	22.8	.9	34	.8	1.9	.2	46	.49	.086	8	12.4	.50	77	.006	2	1.49	.007	.05	.6	.04	6.9	.1	<.05	5	.9	7.5
19200N 20500E	2.1	47.1	54.6	165	1.9	12.6	11.3	1269	3.97	82.2	.3	47.5	.4	74	1.1	1.2	.2	48	1.30	.120	8	12.3	.35	144	.004	<1	1.47	.009	.06	.4	.12	6.2	.1	<.05	5	1.7	15.0
19200N 20520E	3.6	65.0	49.2	153	3.5	19.3	18.3	1399	5.19	68.8	.9	26.2	.8	55	1.9	.8	.1	61	.81	.146	17	19.5	.54	155	.003	1	2.41	.011	.05	.2	.19	15.6	.1	<.05	5	3.0	7.5
19200N 20540E	1.1	50.1	50.5	143	.4	12.2	10.2	441	4.70	50.0	.1	6.8	.6	29	.4	1.2	.1	62	.59	.049	8	13.3	.43	152	.004	1	1.76	.007	.04	.2	.03	5.4	.1	<.05	6	.5	15.0
19200N 20560E	1.3	74.7	29.0	186	4.3	20.6	16.3	1732	5.03	37.5	.5	22.4	.9	31	.9	1.0	.1	56	.70	.123	17	17.9	.59	164	.002	<1	2.59	.009	.06	.1	.12	14.5	.1	<.05	6	1.0	15.0
19200N 20580E	1.1	46.6	47.1	97	.6	8.4	8.4	602	7.45	92.2	.2	20.8	.6	7	.3	1.3	.1	65	.03	.075	7	13.6	.24	43	.007	1	1.88	.007	.03	.3	.08	4.7	.1	<.05	7	.6	15.0
19200N 20600E	1.1	27.5	59.0	97	1.8	5.9	7.2	698	7.54	162.4	.2	57.8	.5	6	.2	1.6	.2	69	.04	.103	9	10.6	.15	37	.007	1	1.52	.006	.03	.6	.07	3.3	.1	<.05	8	.6	15.0
19200N 20620E	1.0	58.0	31.2	105	.5	8.8	13.2	1505	5.42	48.6	.2	10.9	.7	5	.4	.8	.2	52	.05	.086	5	10.9	.31	45	.002	1	1.74	.005	.03	.2	.06	5.6	.1	<.05	5	.9	7.5
19200N 20640E	1.1	50.3	54.7	136	.3	11.4	9.5	398	5.14	98.2	.2	22.6	.8	10	.3	1.7	.2	58	.09	.097	7	12.1	.31	59	.004	1	1.89	.006	.04	.4	.05	5.2	.1	<.05	5	<.5	7.5
19200N 20660E	1.0	25.3	34.4	99	.6	6.4	6.4	692	3.27	53.8	.1	17.3	.4	10	.3	.9	.1	51	.07	.056	7	8.0	.21	68	.004	2	1.45	.006	.05	.4	.02	3.1	.1	<.05	6	<.5	15.0
19200N 20680E	1.1	52.7	67.2	159	1.1	16.3	18.8	1072	4.28	76.6	.2	88.9	1.0	36	1.1	2.0	.1	49	.55	.085	10	13.4	.58	93	.025	1	1.63	.010	.07	.4	.04	7.8	.1	<.05	5	.7	15.0
19200N 20700E	1.1	95.5	68.9	211	4.1	19.4	18.5	1422	5.87	162.5	.5	28.7	1.0	64	1.7	1.4	.2	58	1.01	.125	15	16.2	.49	181	.002	2	2.58	.015	.13	.3	.16	14.7	.1	.07	6	1.8	7.5
19200N 20720E	1.0	50.9	52.5	140	1.1	11.6	9.6	629	3.85	93.5	.2	21.5	.4	70	.8	1.3	.2	50	1.33	.062	9	11.1	.32	111	.007	2	1.44	.009	.07	.4	.06	5.8	.1	<.05	6	.7	15.0
19200N 20740E	1.1	65.7	57.0	188	.7	19.1	18.4	1025	4.79	101.2	.2	45.5	1.1	39	.8	2.0	.2	59	.53	.086	11	14.5	.60	107	.029	2	1.93	.012	.09	.4	.03	8.8	.1	<.05	6	.5	15.0
19200N 20760E	1.3	62.2	56.9	179	2.8	16.2	13.1	861	5.21	147.4	.3	150.4	.7	41	.6	1.4	.3	53	.75	.133	10	13.4	.59	66	.008	1	1.94	.008	.06	.3	.09	8.9	.1	<.05	5	1.6	15.0
19200N 20780E	2.3	74.5	79.0	195	2.4	17.6	18.5	1205	5.59	164.2	.2	135.2	.8	44	1.0	1.9	.2	53	.90	.091	11	11.1	.55	72	.005	1	1.92	.007	.06	.6	.08	8.1	.1	<.05	6	1.7	15.0
19200N 20800E	1.3	49.1	50.1	138	.5	11.3	11.9	496	5.29	150.7	.2	33.1	.6	37	.4	1.1	.2	60	.67	.048	7	12.8	.44	70	.006	1	1.86	.007	.04	.4	.03	5.0	.1	<.05	6	.6	15.0
19200N 20820E	1.3	46.5	42.1	335	1.8	13.6	10.6	1468	4.75	97.8	.5	56.4	.5	41	1.6	1.2	.2	54	.87	.086	11	13.7	.46	74	.008	3	1.87	.007	.04	.2	.07	6.4	.1	<.05	7	1.0	15.0
19200N 20840E	1.9	45.8	154.0	375	.7	11.6	21.9	3656	6.52	142.8	.2	48.9	.3	33	1.2	1.3	.2	67	.59	.126	7	13.0	.34	94	.008	1	1.87	.007	.05	.3	.05	4.1	.1	<.05	7	.6	7.5
19200N 20860E	1.4	45.6	70.9	132	.5	9.8	9.4	642	6.18	121.6	.2	20.3	.6	6	.2	1.5	.2	64	.03	.073	6	11.8	.28	59	.010	<1	1.87	.006	.03	.4	.06	4.2	.1	<.05	7	.9	15.0
19200N 20880E	2.2	36.5	41.8	89	.7	7.3	10.4	878	4.44	95.3	.2	10.5	.6	22	.3	.9	.3	59	.37	.058	9	7.7	.17	59	.007	1	1.39	.007	.04	.4	.04	4.0	.1	<.05	7	1.1	15.0
STANDARD DS5	12.8	145.7	25.8	139	.3	24.4	12.5	802	3.04	19.1	6.2	44.3	2.9	47	5.6	3.7	6.3	60	.77	.098	12	180.6	.72	135	.101	17	2.13	.034	.17	4.9	.16	3.6	1.1	<.05	7	5.2	15.0

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19200N 20900E	1.9	23.9	18.1	83	.1	4.7	5.2	256	2.93	126.3	.1	46.5	.4	13	.1	1.1	.3	60	.19	.019	8	4.8	.05	33	.017	1	.78	.005	.02	.4	.01	2.0	.1	<.05	7	<.5	15.0
19200N 20920E	1.4	38.6	38.8	108	.9	9.8	9.2	382	6.49	198.1	.2	43.6	.7	7	.2	1.4	.2	70	.07	.030	6	12.9	.26	76	.010	1	1.88	.005	.03	.4	.06	4.3	.1	<.05	8	<.5	15.0
19200N 20940E	1.3	36.3	46.8	107	.4	6.7	7.5	335	7.38	123.4	.2	132	.4	9	.2	1.4	.3	69	.12	.056	5	11.4	.15	65	.009	2	1.52	.006	.03	.4	.04	3.6	.1	<.05	8	<.5	7.5
19200N 20960E	1.2	81.7	64.9	173	6.0	16.8	15.8	1459	4.56	134.3	.9	38.5	.8	85	1.2	1.6	.2	45	1.58	.191	21	14.4	.39	150	.006	1	2.44	.012	.07	.2	.24	11.2	.1	<.05	5	2.5	7.5
19200N 20980E	.9	65.5	60.2	205	3.3	13.9	14.1	1104	4.56	180.0	.6	52.9	.6	44	.7	1.0	.2	44	.96	.180	14	13.8	.34	103	.007	1	2.19	.009	.05	.2	.21	9.6	.1	<.05	5	1.3	15.0
19200N 21000E	1.6	85.7	110.6	142	1.9	13.3	28.5	7896	4.33	118.5	.6	11.3	.5	63	3.7	1.3	.2	43	1.49	.193	11	12.6	.35	144	.014	2	2.01	.010	.06	.3	.12	5.8	.2	<.05	6	1.1	1.0
19200N 21020E	1.0	64.2	58.4	249	3.2	16.8	18.2	1047	5.12	191.6	.6	39.7	.9	52	1.0	.9	.2	50	1.16	.198	18	15.3	.38	112	.007	1	2.68	.010	.06	.3	.21	10.5	.1	<.05	6	1.8	7.5
19200N 21040E	.8	64.6	145.4	272	1.3	17.3	17.0	1395	5.03	138.6	.4	52.5	.6	33	.9	1.8	.2	53	.69	.102	11	16.1	.61	79	.018	1	1.98	.007	.05	4.3	.10	9.4	.1	<.05	5	1.0	15.0
19200N 21060E	.9	78.1	60.1	218	1.4	15.0	21.5	1210	5.29	118.8	.8	27.9	.5	48	1.0	1.4	.2	52	.98	.125	16	16.9	.45	96	.011	1	2.29	.009	.05	.3	.16	9.1	.1	<.05	6	1.2	15.0
19200N 21080E	.8	52.2	38.2	213	2.5	15.1	10.8	1029	4.41	114.1	.5	61.3	.4	41	.9	1.0	.2	48	.81	.148	12	15.8	.55	84	.012	1	2.17	.008	.04	.2	.15	7.3	.1	<.05	6	.8	15.0
19200N 21100E	1.3	83.6	59.3	405	3.5	16.3	15.8	674	6.80	113.5	.5	16.7	1.0	14	1.2	1.1	.2	76	.15	.095	6	17.7	.42	109	.005	<1	3.15	.009	.07	.3	.12	8.1	.1	<.05	8	.7	7.5
19200N 21120E	1.1	47.1	53.0	124	.7	11.4	10.8	536	6.51	156.1	.2	35.8	.8	5	.4	1.5	.2	65	.04	.059	6	15.4	.40	54	.017	1	2.32	.006	.03	.4	.08	5.1	.1	<.05	7	.7	15.0
19200N 21140E	1.7	57.6	113.2	247	2.0	14.3	21.4	4732	5.89	169.3	.4	355	.7	21	1.2	1.6	.3	60	.28	.149	11	15.7	.46	114	.007	<1	2.60	.010	.07	.3	.08	6.0	.1	<.05	9	.8	7.5
19200N 21160E	1.1	54.7	66.1	121	.8	11.9	12.6	546	5.78	103.3	.3	50.4	1.0	6	.4	1.5	.2	48	.08	.072	6	13.4	.40	59	.010	1	2.80	.005	.03	.4	.13	4.7	.1	<.05	5	.7	15.0
19200N 21180E	.8	22.9	32.0	44	.5	4.0	4.8	336	2.37	129.9	.3	79.4	.2	5	.3	.8	.1	40	.03	.079	7	6.9	.13	42	.006	1	1.41	.007	.04	.2	.08	1.7	.1	<.05	7	<.5	7.5
19200N 21200E	1.0	49.8	65.7	103	.4	8.6	9.0	591	8.43	378.5	.2	113	.6	4	.1	1.7	.3	67	.03	.060	5	15.3	.37	30	.019	1	1.84	.004	.03	.4	.08	4.6	.1	<.05	7	.7	15.0
19200N 21220E	1.0	40.6	33.9	65	.3	7.2	7.4	397	6.23	86.6	.2	17.0	.2	5	.2	1.2	.1	60	.03	.062	6	11.6	.25	32	.014	1	1.65	.006	.03	.3	.07	3.1	.1	<.05	7	.5	15.0
19200N 21240E	1.4	63.3	21.8	191	2.3	14.9	10.4	2346	4.09	612.7	.5	84.8	.5	48	1.6	1.7	.4	27	.96	.128	18	9.1	.28	99	.005	1	1.44	.007	.04	.3	.13	7.5	.1	<.05	4	1.1	7.5
19200N 21260E	1.1	27.1	19.3	48	.5	4.3	4.6	185	3.36	51.4	.2	9.8	.7	18	.2	1.0	.2	64	.33	.041	7	5.2	.07	42	.005	1	1.35	.006	.02	.2	.03	2.7	.1	<.05	8	<.5	15.0
19200N 21280E	.9	22.2	7.6	29	.1	3.3	3.4	145	4.34	33.9	.2	3.9	.4	5	.2	.8	.2	85	.03	.033	7	8.4	.09	30	.010	2	1.05	.006	.02	.7	.04	2.6	<.1	<.05	8	.6	15.0
19200N 21300E	1.7	39.4	14.9	112	.5	9.3	8.4	2730	3.78	35.4	.4	5.4	.3	39	.6	.8	.2	47	.73	.090	17	12.8	.38	180	.011	1	1.90	.007	.04	.2	.07	5.8	.1	<.05	7	.8	15.0
19200N 21320E	2.0	30.2	30.6	55	.2	5.6	10.3	2200	9.46	52.3	.2	6.0	.2	4	.1	1.0	.2	85	.03	.132	9	12.5	.20	30	.016	1	1.59	.006	.03	.3	.05	2.2	.1	<.05	10	.7	15.0
19200N 21340E	1.6	39.3	36.1	143	1.0	11.5	10.3	722	6.36	46.8	.4	11.3	.3	9	.7	1.1	.2	52	.10	.136	7	15.4	.42	46	.007	1	2.02	.007	.03	.5	.10	3.1	.1	<.05	7	.7	15.0
19200N 21360E	1.2	35.5	27.9	74	.7	9.9	8.0	431	7.44	71.5	.2	14.3	.6	3	.2	1.1	.1	72	.02	.077	5	17.6	.54	35	.007	<1	2.16	.005	.02	.3	.05	4.6	.1	<.05	7	.7	15.0
19200N 21380E	1.8	29.4	27.2	52	.5	4.9	7.0	288	6.17	48.3	.3	28.5	.2	8	.3	1.1	.2	91	.10	.053	6	10.9	.13	58	.020	1	1.52	.006	.02	.3	.06	2.9	.1	<.05	8	.6	15.0
19200N 21400E	1.3	33.4	43.9	131	1.0	10.3	13.2	892	4.79	45.7	.3	30.1	.1	18	.4	.7	.2	55	.31	.089	8	14.0	.55	58	.011	<1	2.10	.007	.04	.2	.05	2.5	.1	<.05	9	<.5	15.0
19200N 21420E	1.1	29.6	23.1	72	.6	6.0	5.6	323	4.37	83.6	.2	15.6	.1	13	.3	.9	.2	68	.15	.063	8	9.3	.19	50	.011	<1	1.34	.007	.03	.3	.04	2.0	.1	<.05	9	.6	7.5
19200N 21440E	1.1	35.4	38.6	72	.2	5.9	6.4	276	3.38	81.2	.2	44.7	.2	12	.2	1.2	.3	58	.12	.047	7	8.9	.24	55	.009	1	1.21	.006	.02	.4	.03	3.0	<.1	<.05	6	.5	7.5
RE 19200N 21440E	1.0	34.3	37.4	68	.2	5.9	6.3	270	3.19	76.1	.2	48.9	.2	11	.2	1.1	.2	58	.12	.043	6	8.6	.22	50	.008	<1	1.08	.005	.02	.3	.02	2.9	.1	<.05	6	<.5	7.5
19200N 21460E	1.5	35.5	22.9	67	.3	5.6	6.1	341	6.28	67.4	.2	11.3	.7	6	.2	.9	.3	76	.02	.079	6	11.7	.19	28	.009	<1	1.75	.005	.02	.3	.06	3.7	.1	<.05	10	.6	15.0
19200N 21480E	1.1	26.6	15.4	38	.5	3.5	3.3	214	4.55	40.3	.2	7.9	.2	6	.2	.7	.2	55	.06	.083	5	7.8	.07	36	.008	1	1.15	.006	.03	.2	.11	1.8	.1	<.05	7	.5	7.5
19200N 21500E	2.1	52.1	64.0	192	1.9	13.2	11.2	880	4.62	188.4	.5	18.6	.4	56	.7	1.0	.3	45	.81	.166	13	14.7	.46	81	.009	1	2.23	.010	.05	.2	.10	3.9	.1	<.05	9	.6	15.0
19200N 22200E	.9	16.9	9.1	24	.7	2.5	2.5	120	1.87	27.3	.2	10.8	.2	5	.2	.4	.2	26	.03	.078	8	4.7	.06	25	.004	1	1.11	.006	.03	.2	.08	1.1	.1	<.05	6	<.5	15.0
19200N 22220E	1.7	22.5	13.9	53	1.8	4.2	4.4	370	3.23	39.0	.4	10.4	.1	4	.4	.6	.2	42	.02	.068	13	8.3	.13	38	.010	<1	1.30	.007	.03	.3	.07	1.1	.1	<.05	8	.6	15.0
STANDARD DS5	13.1	146.6	25.3	138	.3	24.5	12.5	773	3.06	17.9	6.1	42.1	2.7	49	5.3	4.0	6.0	58	.76	.109	11	179.4	.72	135	.100	18	1.98	.035	.16	5.1	.16	3.5	1.1	<.05	7	5.1	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19200N 22240E	1.5	33.7	61.0	113	1.1	8.7	8.9	822	8.56	57.2	.2	10.2	.3	3	.2	2.6	.4	70	.02	.124	6	9.8	.14	23	.009	2	1.14	.006	.02	.2	.06	2.9	.1	<.05	8	<.5	7.5
19200N 22260E	1.1	23.4	16.0	30	1.0	3.6	4.0	224	5.10	31.2	.4	6.5	.1	3	.2	.9	.2	75	.03	.062	4	12.1	.15	22	.029	1	1.74	.006	.01	.3	.15	2.2	<.1	<.05	7	.8	15.0
19200N 22280E	.9	16.4	32.6	38	1.0	3.2	3.7	395	4.08	37.8	.2	3.9	.2	5	.1	.9	.2	71	.05	.076	6	6.1	.08	32	.006	1	1.21	.005	.02	.2	.05	1.4	.1	<.05	9	<.5	15.0
19200N 22300E	.6	12.9	24.7	43	2.6	4.1	4.3	214	2.37	64.8	.1	2.9	.1	3	.1	9.1	.2	43	.02	.052	7	2.6	.03	16	.004	4	.54	.004	.02	.1	.04	1.0	.1	<.05	5	<.5	15.0
19200N 22320E	1.2	15.3	11.9	38	1.1	3.1	3.2	216	1.57	38.4	.1	18.0	.1	4	.1	1.2	1.2	43	.05	.052	6	2.9	.04	15	.005	3	.58	.006	.03	.3	.04	.5	.1	<.05	6	<.5	7.5
19200N 22340E	1.0	24.5	25.0	56	1.3	5.0	5.3	380	5.27	44.3	.2	4.7	.2	3	.1	1.6	.2	73	.02	.089	5	9.2	.15	26	.010	2	1.37	.006	.03	.2	.09	1.9	.1	<.05	7	<.5	15.0
19200N 22360E	.9	13.1	11.3	28	1.8	2.6	3.2	412	3.15	19.2	.2	.7	<.1	3	.1	.6	.2	79	.04	.072	6	6.8	.08	24	.012	3	1.11	.006	.02	.3	.07	1.0	.1	<.05	9	<.5	7.5
19200N 22380E	1.2	41.0	60.5	164	5.8	10.7	8.7	400	4.86	134.0	.3	27.7	.7	4	.7	5.4	.3	55	.06	.062	5	13.1	.42	42	.008	1	2.15	.005	.02	.2	.15	4.1	.1	<.05	6	.6	15.0
19200N 22400E	1.5	27.4	59.3	119	.6	5.4	6.0	579	6.57	340.9	.2	15.6	.3	3	.2	3.3	.5	93	.02	.098	5	9.6	.16	45	.018	2	1.40	.005	.03	.2	.07	2.4	.1	<.05	8	<.5	15.0
19200N 22420E	.8	7.1	5.7	22	.9	1.7	1.6	101	.71	77.2	.1	10.9	.6	3	<.1	1.0	.2	24	.04	.027	11	1.7	.03	16	.002	3	.74	.005	.03	.3	.03	.8	.1	<.05	8	<.5	7.5
19200N 22440E	1.2	12.6	11.8	33	2.6	3.4	4.2	206	2.34	95.6	.1	7.2	.3	4	.1	1.8	.3	78	.05	.056	7	5.8	.07	23	.005	2	.99	.006	.04	.1	.05	1.7	.1	<.05	6	<.5	7.5
19200N 22460E	2.1	33.9	147.4	130	1.8	8.3	8.4	561	5.29	121.7	.4	10.5	.1	7	.6	1.6	.3	69	.08	.072	8	12.9	.37	71	.029	2	2.11	.007	.04	.3	.10	3.0	.1	<.05	10	.5	15.0
19200N 22480E	1.2	25.4	17.7	43	1.2	4.6	4.5	263	5.03	100.7	.2	8.5	.2	5	.4	1.4	.3	91	.06	.109	4	10.3	.15	35	.025	2	1.27	.006	.02	.3	.12	2.1	<.1	<.05	7	.5	7.5
19200N 22500E	.7	6.6	4.6	25	.4	2.9	2.6	201	.88	14.6	.1	1.5	.1	7	.1	.3	.1	23	.10	.029	10	3.9	.04	35	.007	2	.40	.007	.03	.1	.04	.6	.1	<.05	4	<.5	7.5
19200N 22520E	1.4	33.5	29.7	86	.9	6.3	6.4	517	7.26	218.8	.2	9.4	.2	5	.4	1.8	.5	96	.04	.103	5	12.4	.20	35	.017	1	1.64	.006	.03	.4	.07	2.4	.1	<.05	9	<.5	15.0
19200N 22540E	1.4	32.1	31.4	140	1.0	7.2	15.2	1500	6.55	287.2	.3	7.0	.2	19	1.6	2.8	.3	108	.32	.090	6	14.8	.24	80	.016	2	2.36	.007	.02	.2	.04	2.4	.1	<.05	10	.5	15.0
19200N 22560E	1.7	51.5	78.4	189	6.2	6.5	10.7	1637	4.02	493.4	.5	62.3	.3	63	3.7	2.3	.4	54	1.30	.099	11	10.6	.23	121	.007	2	1.31	.007	.04	.4	.13	5.1	.1	.06	5	.6	15.0
19200N 22580E	1.3	49.2	40.0	195	1.5	7.9	10.7	480	5.17	860.5	.6	21.0	.1	75	2.6	2.4	.3	47	1.44	.090	6	11.2	.22	122	.014	1	1.44	.007	.02	.2	.12	3.6	<.1	.06	5	.7	7.5
19200N 22600E	2.0	89.2	53.6	344	2.4	8.0	20.4	1716	4.56	828.9	1.5	11.8	.2	50	4.2	2.4	.3	47	1.02	.091	10	10.8	.18	125	.019	2	1.32	.007	.03	.2	.11	5.6	.1	<.05	7	.5	7.5
19200N 22620E	1.6	58.8	95.7	372	1.9	8.5	11.5	1214	4.70	577.9	.3	14.7	.2	28	2.7	1.8	.2	63	.51	.087	12	11.3	.36	100	.013	2	1.76	.006	.03	.2	.08	4.2	.1	<.05	8	<.5	15.0
19200N 22640E	4.9	250.6	117.6	936	13.5	25.9	17.2	15527	2.97	760.5	1.4	27.2	.8	97	30.9	5.1	.3	25	2.06	.351	58	12.4	.23	310	.008	2	2.43	.010	.04	.2	.36	19.0	.3	.15	4	3.0	1.0
RE 19200N 22640E	5.3	249.0	124.7	931	14.4	27.0	16.7	16158	2.91	766.5	1.5	35.7	.9	100	33.3	5.3	.3	25	2.24	.383	60	11.7	.24	328	.008	3	2.67	.011	.05	.2	.39	20.2	.4	.17	4	3.1	1.0
19200N 22660E	1.1	34.2	45.0	99	3.9	6.6	8.5	883	6.49	127.0	.2	15.7	.1	5	.2	1.8	.4	69	.06	.126	5	10.3	.13	40	.016	1	1.23	.005	.03	.4	.12	2.1	.1	<.05	6	<.5	15.0
19200N 22680E	1.4	32.0	28.3	65	1.2	6.4	9.3	840	7.79	111.7	.3	11.0	.1	5	.6	1.4	.3	97	.08	.153	7	12.5	.16	37	.032	2	1.37	.006	.03	.3	.13	2.7	.1	<.05	8	.7	15.0
19200N 22700E	1.0	28.0	22.6	84	.8	6.5	5.6	294	3.88	135.7	.2	9.7	.2	5	.2	1.4	.3	56	.05	.058	5	7.6	.15	43	.007	2	1.14	.005	.02	.3	.09	1.9	.1	<.05	6	<.5	15.0
19200N 22720E	1.3	99.8	65.1	552	17.9	22.0	21.7	1757	4.61	267.8	.7	33.9	.9	49	2.7	15.7	.4	44	1.05	.127	20	15.7	.38	155	.004	1	2.00	.009	.06	.3	.31	15.3	.1	<.05	5	1.5	7.5
19200N 22740E	.8	62.5	22.9	191	6.0	14.8	11.7	757	4.81	78.6	.5	12.0	.3	33	.9	1.6	.1	59	.68	.114	15	16.2	.64	103	.026	2	2.23	.009	.04	.1	.13	6.8	.1	<.05	7	1.2	15.0
19200N 22760E	1.5	84.5	47.8	145	5.9	12.7	20.8	2465	4.75	115.8	.5	10.5	.5	33	1.2	2.0	.2	55	.72	.130	20	13.3	.43	111	.012	2	2.30	.008	.04	.2	.14	7.6	.1	<.05	7	1.0	7.5
19200N 22780E	1.6	42.2	26.5	95	1.5	6.8	9.0	656	8.68	152.5	.5	4.8	.3	21	1.1	1.4	.2	106	.45	.067	6	13.0	.18	49	.062	1	1.93	.006	.02	.3	.08	3.5	<.1	<.05	12	.8	15.0
19200N 22800E	1.1	31.2	28.6	151	.6	8.3	8.0	506	4.41	107.0	.2	4.8	.3	13	.2	1.7	.2	55	.24	.080	6	9.5	.27	115	.007	<1	1.34	.005	.04	.4	.03	2.9	.1	<.05	7	<.5	15.0
19200N 22820E	1.3	34.4	33.3	103	.9	9.4	9.9	562	7.97	105.3	.2	8.1	.6	4	.1	1.7	.2	71	.08	.055	5	15.1	.35	55	.024	1	1.94	.004	.02	.3	.10	4.4	<.1	<.05	7	.5	15.0
19200N 22840E	1.5	45.1	32.9	102	.3	7.1	6.5	430	6.57	194.6	.2	9.2	.5	5	.1	2.5	.3	96	.04	.122	5	10.9	.16	50	.009	2	1.35	.005	.03	.4	.05	3.2	.1	<.05	8	.5	15.0
19200N 22860E	1.2	40.5	31.9	107	1.2	7.8	8.9	622	9.39	170.2	.2	10.7	.7	4	.7	1.6	.4	64	.03	.135	5	13.7	.25	40	.018	1	2.03	.004	.02	.5	.11	3.7	.1	<.05	7	.5	15.0
19200N 22880E	1.2	31.9	43.6	79	1.7	6.9	7.8	909	8.76	142.9	.2	8.4	.5	5	.4	1.8	.2	99	.08	.279	4	13.1	.24	43	.029	2	1.44	.005	.04	.3	.13	3.5	.1	<.05	7	.5	15.0
STANDARD DS5	12.3	146.5	25.5	138	.3	24.3	12.4	741	3.08	17.9	6.1	41.3	2.7	45	5.6	3.9	6.0	60	.77	.090	12	176.7	.69	137	.101	17	2.01	.034	.16	4.8	.18	3.5	1.1	<.05	7	5.0	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19200N 22900E	1.8	34.5	25.3	95	2.2	7.8	8.5	699	7.62	94.2	.4	11.5	.8	5	.7	1.4	.2	74	.05	.133	7	15.2	.24	51	.016	3	2.46	.005	.03	.4	.16	3.8	.1	<.05	7	.8	15.0
19200N 22920E	1.3	39.3	37.4	86	1.1	9.0	11.7	1490	8.09	68.7	.3	6.3	.3	4	.2	1.5	.2	91	.03	.122	6	16.1	.33	51	.012	1	1.98	.007	.03	.3	.10	3.1	.1	<.05	8	1.0	15.0
19200N 22940E	1.3	33.8	35.5	88	.9	8.3	9.1	920	8.13	145.6	.2	8.9	.5	4	.1	1.7	.3	104	.04	.212	7	14.3	.24	40	.020	2	1.66	.005	.03	.7	.07	3.8	.1	<.05	8	.8	15.0
19200N 22960E	1.2	33.6	32.3	258	1.3	13.4	18.2	1299	5.72	167.9	.3	10.9	.7	19	.9	1.5	.3	53	.28	.110	7	14.3	.38	103	.006	2	1.92	.006	.04	.3	.09	6.6	.1	<.05	6	.9	15.0
19200N 22980E	1.3	49.6	40.9	158	1.1	14.6	13.3	832	6.68	142.8	.2	11.3	.9	5	.4	3.8	.2	64	.08	.073	5	16.5	.61	45	.020	1	2.22	.004	.02	.3	.05	5.9	.1	<.05	6	.9	15.0
19200N 23000E	1.2	29.6	28.4	97	.6	7.6	8.6	789	6.84	100.2	.2	7.1	.6	5	.2	1.4	.3	85	.06	.100	6	11.9	.19	57	.013	1	1.63	.005	.03	.3	.06	3.7	.1	<.05	7	.6	15.0
19200N 23020E	1.4	53.0	95.4	186	.8	9.6	15.8	3538	7.25	261.6	.2	41.7	.3	5	.3	3.5	.3	81	.03	.122	6	12.6	.19	76	.016	1	1.43	.005	.04	.6	.07	3.9	.1	<.05	7	.6	15.0
19200N 23040E	1.3	45.2	45.8	114	1.2	11.3	12.2	1014	8.18	128.3	.2	26.8	.5	5	.2	1.9	.3	84	.07	.106	6	15.4	.37	66	.019	1	1.79	.005	.03	.4	.06	4.9	.1	<.05	7	.7	15.0
19200N 23060E	1.1	39.7	81.3	129	.5	13.2	16.3	860	4.28	97.5	.2	38.5	.9	14	.4	2.2	.2	47	.20	.084	8	12.3	.42	63	.005	1	1.51	.006	.03	.6	.04	5.6	.1	<.05	4	.9	15.0
19100N 20500E	1.0	37.8	118.1	114	.7	11.6	8.8	381	4.68	38.0	.3	16.3	.7	10	.6	.9	.2	54	.12	.087	10	11.9	.21	79	.001	1	2.03	.008	.03	.2	.12	5.7	.1	<.05	6	1.0	7.5
19100N 20520E	1.2	59.1	45.3	131	.6	7.7	5.7	333	7.96	118.7	.1	183.2	.6	7	.2	2.1	.3	85	.03	.092	7	13.1	.16	38	.006	2	1.47	.006	.02	.3	.05	4.5	.1	<.05	8	.7	7.5
19100N 20540E	1.2	40.6	48.4	168	.7	9.6	7.4	397	5.56	87.2	.3	21.4	.7	20	.6	1.1	.2	65	.17	.064	10	12.9	.26	107	.002	1	2.08	.007	.04	.4	.05	4.8	.1	<.05	7	.8	15.0
19100N 20560E	.9	34.2	21.2	80	1.3	9.0	4.7	326	2.42	38.0	.1	7.1	.3	109	.9	1.0	.1	30	2.52	.067	8	7.5	.23	137	.003	1	1.13	.009	.04	.2	.07	3.0	.1	<.05	3	1.0	7.5
19100N 20580E	1.0	37.5	31.5	121	1.2	8.5	7.9	314	3.22	54.4	.2	30.5	.4	56	.5	1.3	.1	44	1.12	.056	8	9.1	.23	140	.006	1	1.30	.008	.05	.3	.06	4.6	.1	<.05	4	1.1	15.0
19100N 20600E	1.1	43.7	42.1	183	1.2	14.5	11.2	634	4.43	68.0	.3	45.8	.8	42	.5	1.6	.1	54	.82	.103	9	13.7	.51	139	.005	1	2.12	.009	.06	.4	.07	6.8	.1	<.05	6	.8	7.5
RE 19100N 20600E	1.0	42.7	39.5	182	1.2	13.1	10.0	598	4.28	65.8	.3	34.8	.7	41	.5	1.5	.1	54	.77	.095	9	13.6	.50	130	.005	<1	1.98	.008	.05	.3	.04	6.0	.1	<.05	6	1.1	7.5
19100N 20620E	.9	37.7	46.5	160	.7	11.8	11.5	754	4.66	71.8	.2	86.0	.6	19	.5	1.6	.1	64	.25	.065	10	15.5	.49	112	.008	1	2.17	.008	.05	.4	.03	4.8	.1	<.05	6	.8	15.0
19100N 20640E	1.7	65.1	97.9	178	1.5	15.7	45.1	2325	8.58	127.4	.3	41.9	1.0	14	1.0	2.3	.3	68	.13	.126	9	19.6	.44	119	.011	1	2.52	.006	.03	.6	.11	8.3	.1	<.05	6	1.0	7.5
19100N 20660E	1.4	37.6	35.6	125	.6	8.1	9.4	591	4.89	64.5	.2	22.6	.6	23	.3	1.2	.2	62	.27	.067	8	11.1	.23	129	.004	<1	1.78	.007	.04	.2	.05	4.3	.1	<.05	7	.6	7.5
19100N 20680E	1.1	62.5	49.7	143	.4	14.2	10.1	473	6.58	73.8	.2	20.1	1.0	8	.6	2.0	.1	64	.06	.071	8	17.3	.41	41	.010	<1	2.38	.004	.02	.3	.07	6.6	.1	<.05	5	.8	15.0
19100N 20700E	1.3	45.4	13.6	66	.2	6.3	5.6	163	3.29	52.5	.1	14.8	.4	16	.2	1.0	.2	74	.02	.034	13	6.9	.05	25	.004	<1	.85	.005	.02	.3	.02	3.8	.1	<.05	6	.5	15.0
19100N 20720E	1.7	47.9	73.6	159	1.2	14.3	15.7	740	4.47	98.3	.5	47.2	.8	35	.8	1.3	.2	48	.56	.085	10	14.4	.45	67	.006	1	1.94	.008	.04	.3	.07	8.0	.1	<.05	5	1.6	15.0
19100N 20740E	1.3	28.3	35.6	90	.4	7.3	7.5	253	2.99	55.9	.2	18.9	.2	49	.4	.6	.2	34	.78	.052	4	8.3	.20	74	.004	1	1.05	.009	.04	.2	.06	3.2	.1	<.05	3	.8	7.5
19100N 20760E	1.5	45.4	50.0	92	.6	8.9	7.7	285	4.75	84.3	.2	30.4	.6	10	.2	1.0	.2	60	.11	.039	7	10.2	.20	68	.005	1	1.72	.005	.02	.4	.04	3.7	.1	<.05	6	.6	15.0
19100N 20780E	1.4	46.9	46.9	97	1.6	10.5	12.4	520	3.53	67.5	.2	37.9	.5	49	.5	.8	.2	44	1.05	.080	10	11.0	.41	74	.004	1	1.70	.009	.04	.3	.08	5.6	.1	<.05	5	.8	15.0
19100N 20800E	2.2	48.6	39.9	107	.6	9.0	11.7	708	3.91	62.5	.1	27.1	.7	17	.3	.9	.2	48	.33	.055	9	8.2	.25	74	.005	3	1.25	.005	.03	.3	.03	4.3	.1	<.05	5	<.5	15.0
19100N 20820E	2.8	59.9	36.9	141	.3	9.6	15.4	1094	5.49	93.6	.1	28.0	.7	30	.2	1.1	.2	62	.55	.044	8	11.1	.29	92	.006	1	1.65	.005	.04	.3	.03	4.8	.1	<.05	6	.6	15.0
19100N 20840E	1.6	47.4	53.0	138	.4	10.7	10.1	469	6.82	95.0	.2	19.5	.7	27	.3	1.3	.2	66	.51	.047	8	13.7	.36	77	.007	1	2.10	.006	.03	.4	.03	4.7	.1	<.05	7	.8	15.0
19100N 20860E	1.3	36.8	16.4	42	1.6	6.0	4.4	713	1.38	21.6	.2	5.2	.1	120	.5	.9	.1	14	3.39	.069	13	5.0	.19	58	.007	3	.78	.010	.02	.1	.12	1.6	<.1	.06	2	1.7	1.0
19100N 20880E	2.1	35.6	53.5	81	.2	7.3	7.7	401	6.89	89.5	.1	16.7	.6	11	.2	1.4	.3	74	.18	.030	7	9.5	.13	37	.010	1	1.46	.005	.02	.3	.01	4.6	.1	<.05	8	.5	15.0
19100N 20900E	2.0	48.7	44.3	154	.8	12.8	12.2	1518	4.18	77.4	.5	19.1	.4	63	.8	1.4	.2	47	1.47	.103	10	13.7	.46	79	.010	1	1.95	.008	.04	.3	.09	6.2	.1	<.05	5	2.2	15.0
19100N 20920E	1.5	35.9	10.6	28	1.0	4.6	3.7	620	.89	12.1	.3	5.1	.1	159	.6	1.2	.1	11	4.68	.095	5	5.7	.16	47	.007	5	.52	.010	.02	.1	.15	1.5	<.1	.14	2	4.4	1.0
19100N 20940E	1.7	34.5	26.3	130	.7	8.4	8.9	647	4.02	72.0	.3	10.8	.2	56	.4	1.2	.2	56	1.25	.060	9	11.7	.37	72	.012	1	1.81	.007	.03	.2	.06	3.8	.1	<.05	6	1.8	15.0
19100N 20960E	1.4	44.1	27.3	74	.5	7.1	6.9	330	7.36	89.2	.2	17.6	.5	10	.2	1.3	.2	74	.17	.046	6	13.1	.19	40	.012	2	1.63	.005	.02	.4	.05	4.0	.1	<.05	8	.7	15.0
STANDARD DS5	12.5	141.4	25.2	132	.3	24.4	11.8	759	2.95	17.8	6.1	41.6	2.7	44	5.5	3.9	6.1	60	.72	.088	12	182.3	.67	134	.087	16	2.05	.033	.13	4.8	.17	3.3	1.1	<.05	6	5.0	15.0

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19100N 20980E	1.2	31.9	19.5	56	.2	4.9	4.6	159	3.95	97.9	.1	14.1	.2	6	<.1	1.4	.2	65	.01	.026	7	6.6	.09	28	.009	1	1.13	.005	.02	.4	.02	2.4	.1	<.05	6	<.5	15.0
19100N 21000E	1.6	50.1	74.4	252	1.2	8.9	34.4	1555	7.00	146.3	.3	16.1	.2	34	.7	1.6	.4	49	.67	.113	8	9.2	.13	77	.011	<1	2.01	.008	.04	.3	.06	3.1	.1	<.05	8	.6	7.5
19100N 21020E	1.5	43.7	58.9	101	.5	7.6	7.7	254	8.77	94.1	.4	15.1	.5	27	.8	1.2	.2	63	.50	.089	7	14.3	.25	56	.005	<1	2.41	.008	.02	.3	.06	4.4	.1	<.05	8	.6	7.5
19100N 21040E	1.1	45.9	47.4	97	.4	9.3	9.1	410	6.57	64.8	.2	9.1	.5	7	.2	1.3	.1	63	.03	.049	7	14.0	.33	37	.009	1	1.94	.006	.02	.2	.05	4.8	.1	<.05	6	.5	15.0
19100N 21060E	1.1	87.8	41.0	173	6.2	26.6	14.2	5098	4.07	99.2	.6	38.5	.6	78	2.7	1.4	.2	30	1.74	.264	21	13.1	.35	116	.009	1	2.32	.011	.05	.1	.28	12.9	.2	.12	4	2.4	7.5
19100N 21080E	1.0	36.8	30.2	64	.9	7.4	6.9	275	5.97	78.6	.3	13.8	.2	7	.2	1.4	.1	65	.05	.054	6	14.1	.27	45	.016	<1	1.83	.006	.02	.4	.09	3.3	.1	<.05	7	.6	15.0
19100N 21100E	1.0	45.6	41.3	96	.6	9.8	9.9	544	6.94	189.6	.2	24.1	.2	7	.3	1.5	.2	75	.05	.063	6	16.2	.35	41	.016	<1	2.08	.007	.04	.4	.07	4.1	.1	<.05	7	.6	15.0
19100N 21120E	1.1	40.7	32.6	84	.2	6.6	6.6	304	6.35	128.4	.2	34.6	.2	8	.2	1.4	.2	86	.08	.055	7	11.8	.18	52	.018	1	1.70	.006	.03	.5	.04	3.4	.1	<.05	9	.6	15.0
19100N 21140E	1.1	37.8	31.5	75	.5	6.7	7.1	407	5.99	158.1	.2	20.0	.2	5	.2	1.5	.2	71	.03	.066	7	10.9	.15	41	.012	1	1.28	.006	.03	.4	.07	3.1	.1	<.05	8	<.5	7.5
19100N 21160E	1.5	26.1	59.0	70	.7	6.6	11.5	1203	4.43	98.5	.1	10.2	.1	3	.2	.8	.3	66	.03	.057	8	8.8	.06	37	.010	<1	1.16	.005	.02	.2	.03	2.7	.1	<.05	8	<.5	7.5
19100N 21180E	1.1	36.8	184.6	118	.4	6.9	7.1	439	5.48	194.1	.4	90.9	.7	5	.3	1.4	.3	57	.04	.103	6	13.7	.28	46	.006	1	2.67	.007	.03	.4	.09	4.2	.1	<.05	7	.5	7.5
RE 19100N 21180E	1.0	34.7	166.9	108	.4	7.2	6.8	426	5.16	183.6	.4	77.2	.7	5	.3	1.2	.3	57	.03	.093	5	12.3	.25	44	.006	<1	2.48	.006	.03	.4	.09	3.7	.1	<.05	7	.7	7.5
19100N 21200E	.8	47.4	59.7	126	.3	13.1	11.7	725	5.31	260.4	.3	80.7	.6	9	.2	1.2	.1	52	.11	.075	8	15.0	.46	48	.014	<1	2.47	.005	.03	.3	.05	4.9	.1	<.05	6	.6	15.0
19100N 21220E	1.6	81.5	47.9	110	2.2	11.7	25.5	11008	5.28	706.5	.6	82.5	.3	41	1.5	1.2	.2	27	.84	.227	13	9.6	.23	130	.008	2	2.46	.011	.04	.3	.13	4.1	.2	.08	5	.9	7.5
19100N 21240E	.9	31.3	53.0	227	.3	12.2	13.4	2288	4.72	337.6	.2	41.6	.2	10	.6	1.1	.3	47	.09	.087	8	13.1	.39	74	.011	1	1.68	.006	.04	.3	.05	3.2	.1	<.05	6	.6	15.0
19100N 21260E	1.1	50.3	36.4	70	.8	9.0	9.0	714	7.76	128.3	.3	13.5	.3	6	.3	1.1	.1	65	.07	.074	5	17.4	.46	50	.013	1	2.13	.006	.02	.4	.07	3.8	.1	<.05	7	.7	7.5
19100N 21280E	.9	43.7	17.8	48	.5	6.0	5.6	350	7.80	87.7	.3	13.6	.2	5	.3	1.0	.2	96	.05	.060	5	14.1	.22	33	.021	<1	1.65	.006	.02	.3	.08	2.9	.1	<.05	8	.5	15.0
19100N 21300E	1.5	24.1	57.6	44	.6	4.5	4.8	413	4.73	43.0	.2	17.6	.1	5	<.1	.9	.1	77	.03	.079	7	9.6	.15	27	.016	1	1.43	.007	.03	.3	.05	2.2	.1	<.05	8	.6	7.5
19100N 21320E	.8	9.9	3.7	18	.2	2.0	2.0	170	.91	18.6	.1	3.9	<.1	5	<.1	.4	.1	30	.05	.037	8	4.0	.04	23	.006	3	.54	.007	.03	.3	.03	.6	.1	<.05	6	<.5	7.5
19100N 21340E	1.7	13.6	12.0	19	.3	2.4	2.7	272	1.90	22.9	.2	11.2	<.1	5	.1	.5	.1	45	.03	.055	6	6.4	.09	32	.008	1	1.21	.007	.02	.2	.05	.7	.1	<.05	5	<.5	15.0
19100N 21360E	2.4	30.6	49.0	137	.6	6.9	22.0	4653	4.59	55.4	.5	22.2	.1	21	.7	1.0	.2	48	.34	.104	10	11.4	.30	83	.007	1	1.88	.007	.05	.3	.07	3.2	.1	<.05	8	<.5	7.5
19100N 21380E	1.1	22.4	11.0	37	.2	4.2	4.5	252	3.05	42.6	.1	33.4	.1	5	.1	1.0	.1	70	.09	.043	6	5.7	.06	49	.006	5	.62	.006	.02	.3	.04	1.8	.1	<.05	6	.5	7.5
19100N 21400E	.9	23.8	21.2	80	.7	6.4	6.4	267	3.18	33.5	.3	28.1	.3	18	.3	.5	.1	49	.32	.058	9	10.7	.35	53	.007	1	1.94	.006	.02	.2	.05	3.0	.1	<.05	8	.6	15.0
19100N 21420E	1.2	13.2	8.2	24	.2	3.7	5.8	228	2.71	20.8	.1	3.6	.1	3	<.1	.8	.2	58	.01	.040	8	5.2	.04	20	.006	3	.82	.005	.02	.2	.02	1.0	.1	<.05	8	.5	15.0
19100N 21440E	1.3	24.2	28.5	46	.5	4.1	5.3	377	7.51	78.7	.2	41.9	.2	5	.1	1.0	.2	70	.05	.096	5	11.7	.10	23	.020	1	1.15	.004	.02	.3	.11	2.1	.1	<.05	7	.7	15.0
19100N 21460E	1.5	57.0	37.9	113	.9	10.6	8.6	606	4.28	58.6	1.0	31.1	.6	43	.5	.9	.2	41	.63	.159	13	15.9	.34	104	.006	1	2.49	.007	.04	.2	.17	9.3	.1	<.05	5	1.8	15.0
19100N 21480E	2.3	28.5	25.0	60	1.7	4.8	8.0	1050	2.59	32.8	.7	4.1	.2	84	.7	.8	.1	27	1.47	.135	10	7.5	.16	81	.004	1	1.09	.008	.04	.3	.10	5.3	.1	<.05	4	1.2	1.0
19100N 21500E	5.2	73.4	23.3	188	5.0	16.5	10.4	2969	3.18	130.3	3.7	21.7	1.0	158	3.2	1.2	.2	29	1.85	.201	28	15.9	.34	203	.004	3	3.78	.012	.05	.3	.23	14.1	.1	.10	4	4.5	7.5
19100N 22200E	1.1	26.1	42.0	51	.5	5.7	6.5	416	7.67	38.4	.3	2.9	.4	3	.2	.8	.2	107	.02	.083	4	14.6	.25	31	.050	1	2.38	.005	.02	.2	.09	3.7	.1	<.05	10	.5	15.0
19100N 22220E	.9	40.9	13.5	65	.7	8.0	8.7	528	6.14	57.6	.3	1.5	.1	4	.2	1.0	.2	85	.06	.117	5	14.8	.36	35	.024	1	1.92	.006	.03	.2	.06	2.8	.1	<.05	7	.6	15.0
19100N 22240E	1.4	37.8	19.6	85	1.0	7.2	8.7	702	7.53	129.1	.2	12.1	.5	6	.2	1.1	.2	56	.04	.123	4	13.8	.26	38	.014	2	2.07	.005	.02	.2	.11	3.3	.1	<.05	6	.6	15.0
19100N 22260E	2.3	35.8	16.3	76	3.2	6.2	6.6	390	6.52	73.7	.3	7.9	.2	4	.3	1.3	.2	66	.03	.104	6	12.6	.22	33	.013	1	2.01	.005	.03	.3	.11	2.5	.1	<.05	9	.6	15.0
19100N 22280E	1.6	41.2	52.5	80	1.3	8.3	7.8	414	5.78	102.7	.2	8.6	.7	5	.4	1.8	.2	49	.04	.090	6	11.8	.24	40	.005	2	1.78	.006	.03	.3	.10	3.6	.1	<.05	5	.7	7.5
19100N 22300E	1.3	22.4	15.7	40	.8	7.2	4.8	306	5.34	24.1	.2	6.9	.1	4	.3	.5	.2	103	.07	.091	4	13.2	.13	22	.011	1	1.46	.006	.03	.2	.10	1.9	.1	<.05	9	.6	7.5
STANDARD DS5	12.5	141.1	23.9	133	.3	23.2	11.7	752	3.01	17.8	5.8	43.0	2.5	43	5.1	3.6	5.6	57	.71	.091	10	182.1	.64	134	.083	17	1.99	.031	.13	5.0	.16	3.4	1.0	<.05	6	4.8	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19100N 22320E	1.5	33.9	28.8	68	.7	7.6	6.8	433	8.16	84.4	.3	6.5	.4	5	.2	2.3	.3	74	.03	.120	6	15.9	.24	39	.010	1	1.91	.004	.02	.6	.12	3.6	.1	<.05	7	.7	15.0
19100N 22340E	1.2	42.6	77.2	81	.7	9.5	9.0	897	8.08	622.6	.3	18.8	.3	6	.4	2.9	.3	50	.08	.251	5	17.6	.18	56	.007	1	1.75	.005	.03	.3	.17	2.4	.1	<.05	5	.9	15.0
19100N 22360E	1.2	49.3	48.9	91	.6	10.6	12.6	770	7.02	138.0	.2	20.8	.8	5	.4	2.0	.3	53	.08	.087	6	15.7	.42	47	.012	1	2.40	.004	.02	.4	.09	4.6	.1	<.05	5	.6	7.5
19100N 22380E	.8	14.3	11.6	30	.7	2.5	2.6	108	2.14	70.6	.1	23.6	.1	4	.1	1.2	.2	54	.03	.063	8	4.8	.04	27	.004	1	.91	.005	.03	.2	.06	.9	.1	<.05	7	<.5	15.0
19100N 22400E	1.4	25.3	17.8	60	1.5	3.0	4.8	333	3.58	298.2	.2	8.3	.1	5	.1	2.6	.5	84	.05	.068	7	6.2	.04	23	.005	1	.91	.004	.03	.4	.07	.9	.1	<.05	8	<.5	15.0
19100N 22420E	1.0	46.7	304.8	159	3.0	9.2	8.2	382	6.66	559.6	.5	161.7	1.4	10	.6	4.1	1.3	72	.13	.041	8	15.0	.39	85	.007	1	2.49	.006	.04	.3	.15	4.2	.1	<.05	9	.5	15.0
19100N 22440E	1.2	30.3	35.3	77	.6	6.4	6.5	309	7.89	357.0	.2	11.0	.6	7	.2	2.2	.4	87	.07	.056	6	16.1	.25	39	.016	1	2.02	.004	.02	.4	.06	3.5	.1	<.05	9	<.5	15.0
19100N 22460E	1.0	23.0	478.6	94	2.8	4.9	5.1	373	4.66	1666.2	.2	165.9	.3	6	.2	5.3	.9	73	.06	.054	8	9.4	.17	57	.008	<1	1.56	.005	.04	.4	.08	2.3	.1	<.05	8	<.5	15.0
19100N 22480E	1.0	23.5	34.7	101	.7	4.9	7.0	858	4.57	495.9	.2	31.4	.1	28	.2	1.7	.7	64	.53	.069	7	8.6	.17	110	.011	<1	1.28	.005	.03	.3	.05	2.0	.1	<.05	8	<.5	15.0
19100N 22500E	1.5	46.4	27.0	119	2.1	15.2	14.3	734	4.16	275.2	.5	9.6	.5	21	.7	2.4	.1	57	.38	.067	10	14.2	.61	68	.019	1	1.91	.006	.03	.2	.05	5.1	<.1	<.05	6	<.5	15.0
19100N 22520E	1.2	25.2	33.9	59	1.8	4.6	4.8	302	4.67	299.3	.3	15.8	.2	7	.5	1.3	.5	74	.07	.062	7	11.3	.18	42	.010	2	1.64	.006	.03	.3	.11	2.0	.1	<.05	8	<.5	15.0
19100N 22540E	1.6	35.1	45.4	109	.6	9.1	7.5	318	4.42	321.8	.3	16.1	.5	11	.6	1.9	.4	57	.15	.051	8	11.8	.36	69	.009	1	1.86	.006	.03	.3	.06	3.5	.1	<.05	6	.5	15.0
19100N 22560E	1.7	51.1	23.8	261	1.4	13.0	9.0	824	3.51	359.1	.8	11.4	.5	31	1.7	2.2	.2	49	.57	.116	13	13.4	.53	74	.009	1	1.65	.006	.03	.2	.06	5.8	.1	<.05	5	.6	15.0
19100N 22580E	1.2	18.1	18.3	39	1.1	3.2	3.4	146	2.24	60.5	.2	10.5	.2	5	.1	1.7	.2	46	.05	.036	9	4.5	.04	27	.004	2	.81	.005	.02	.4	.07	1.3	.1	<.05	5	<.5	15.0
19100N 22600E	1.0	36.4	29.0	214	2.4	12.0	9.2	825	3.43	295.8	.5	11.3	.4	27	1.3	1.8	.2	47	.49	.098	13	13.4	.60	79	.019	1	1.71	.006	.04	.3	.08	5.0	.1	<.05	5	.5	15.0
19100N 22620E	1.5	22.6	24.0	69	.3	5.3	5.8	369	4.72	139.4	.2	4.8	.1	23	.4	1.5	.2	100	.44	.070	6	10.6	.18	62	.027	1	1.31	.007	.04	.2	.05	2.5	.1	<.05	9	<.5	7.5
RE 19100N 22600E	1.0	38.2	30.3	226	2.4	12.0	9.8	886	3.65	314.3	.4	12.2	.4	29	1.4	1.9	.2	52	.53	.101	13	14.3	.63	81	.021	1	1.79	.007	.04	.4	.08	5.4	.1	<.05	6	<.5	15.0
19100N 22640E	1.6	25.3	30.0	58	.9	5.9	6.4	523	6.99	155.6	.3	9.0	.8	4	.2	1.4	.3	104	.03	.065	8	12.8	.23	43	.035	1	2.04	.005	.02	.4	.09	3.4	.1	<.05	10	<.5	15.0
19100N 22660E	1.4	19.1	18.4	52	1.6	5.1	4.1	180	3.98	68.9	.2	3.5	.4	8	.1	1.2	.2	74	.08	.030	6	11.2	.23	41	.012	1	1.64	.005	.02	.4	.07	2.7	.1	<.05	8	<.5	15.0
19100N 22680E	1.5	30.5	40.2	135	2.0	7.4	8.4	574	4.52	254.3	.2	16.7	.1	37	.2	2.0	.4	62	.67	.078	7	10.2	.27	103	.014	1	1.33	.006	.05	.3	.07	2.6	.1	<.05	7	<.5	15.0
19100N 22700E	1.6	51.3	81.7	250	1.6	13.5	15.3	786	5.23	320.5	.3	13.7	.3	31	.9	2.4	.2	68	.58	.073	10	14.5	.51	87	.017	1	2.01	.006	.04	.3	.05	5.6	.1	<.05	7	<.5	15.0
19100N 22720E	1.6	43.8	121.1	375	1.4	11.4	13.2	983	6.10	362.9	.3	14.2	.5	18	.8	3.9	.4	66	.25	.113	9	12.4	.29	173	.005	1	1.65	.006	.05	.4	.06	4.1	.1	<.05	7	<.5	15.0
19100N 22740E	1.3	35.1	38.4	312	1.8	11.0	10.5	760	4.43	92.0	.3	5.3	.2	10	.7	1.7	.2	63	.13	.062	7	12.9	.38	74	.007	1	1.71	.006	.04	.2	.06	3.1	.1	<.05	7	<.5	15.0
19100N 22760E	1.6	36.5	43.0	118	1.4	6.7	9.6	743	10.02	127.2	.4	10.9	.5	7	1.7	1.8	.4	84	.08	.090	7	17.8	.21	79	.053	1	2.28	.005	.02	.3	.12	4.0	.1	<.05	8	.6	15.0
19100N 22780E	1.9	38.8	32.4	83	1.0	9.9	9.3	563	6.87	89.3	.3	7.0	.5	5	.1	2.4	.2	67	.03	.072	6	9.1	.09	40	.005	<1	1.13	.006	.03	.3	.10	3.6	.1	<.05	7	.5	7.5
19100N 22800E	1.0	36.0	36.8	81	1.3	9.0	7.3	457	5.90	108.0	.2	5.3	.6	5	.1	1.6	.2	52	.04	.063	6	10.5	.21	44	.003	<1	1.33	.005	.03	.3	.11	3.2	.1	<.05	6	.5	7.5
19100N 22820E	1.3	31.3	30.4	93	1.0	7.1	7.4	541	5.20	87.2	.2	13.3	.5	5	.3	1.3	.2	70	.03	.085	9	9.8	.21	50	.006	1	1.58	.007	.05	.3	.07	3.2	.1	<.05	9	<.5	15.0
19100N 22840E	1.9	187.0	66.6	333	24.1	41.9	18.8	7929	4.92	474.4	.9	52.4	1.3	53	5.3	3.6	.2	42	1.00	.335	25	20.0	.40	272	.010	1	3.07	.010	.07	.1	.50	26.9	.3	.13	6	2.7	15.0
19100N 22860E	1.2	35.8	46.9	89	1.5	7.4	7.0	372	5.46	141.8	.2	8.2	.3	6	.4	2.3	.2	57	.03	.074	8	9.3	.15	61	.004	1	1.41	.006	.04	.3	.09	2.8	.1	<.05	6	<.5	7.5
19100N 22880E	1.0	26.4	30.6	79	3.5	5.3	5.1	330	4.72	114.0	.2	9.2	.1	4	.2	1.9	.2	57	.02	.083	7	8.1	.09	33	.004	1	.94	.005	.03	.4	.11	1.7	.1	<.05	6	<.5	7.5
19100N 22900E	1.3	52.0	75.0	337	1.5	14.0	23.9	2130	4.65	202.8	.2	9.5	.7	14	.9	2.0	.2	51	.21	.096	6	11.7	.34	114	.001	1	1.70	.007	.06	.3	.05	5.6	.1	<.05	5	<.5	7.5
19100N 22920E	1.7	30.1	25.2	64	1.4	5.0	4.2	175	2.92	112.6	.1	15.0	.6	4	.2	2.0	.3	65	.03	.037	11	4.9	.06	45	.004	1	.92	.005	.03	.3	.04	2.3	.1	<.05	7	<.5	15.0
19100N 22940E	1.2	42.3	44.7	110	.8	8.1	8.4	856	4.05	235.5	.1	10.8	.5	7	.2	2.1	.3	53	.06	.078	8	6.2	.09	84	.002	1	1.11	.007	.05	.4	.04	3.2	.1	<.05	5	<.5	7.5
19100N 22960E	1.4	45.8	42.6	142	4.2	10.1	12.0	1733	5.12	240.2	.2	11.3	.3	6	.4	2.6	.4	49	.02	.119	8	7.9	.12	68	.003	1	1.22	.007	.05	.4	.09	2.9	.1	<.05	5	<.5	15.0
STANDARD DS5	12.7	135.2	25.4	129	.3	24.5	11.2	773	2.84	18.3	5.8	42.4	2.9	49	5.3	3.7	5.9	62	.77	.090	13	176.4	.68	134	.096	17	1.99	.035	.15	4.6	.18	3.6	1.1	<.05	7	4.8	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19100N 22980E	1.0	54.0	57.6	196	1.5	13.4	12.5	1600	4.48	132.3	.2	18.7	.6	23	.6	1.8	.2	51	.41	.120	9	12.0	.33	181	.003	1	1.68	.008	.05	.4	.06	6.8	.1	<.05	6	<.5	7.5
19100N 23000E	1.1	70.3	71.6	262	3.3	18.4	12.5	2756	4.74	142.1	.4	27.5	1.0	29	3.0	2.1	.2	46	.48	.109	23	13.7	.42	180	.002	1	2.05	.008	.06	.4	.15	13.9	.1	<.05	6	.8	15.0
19100N 23020E	1.0	37.7	64.4	214	1.4	9.6	10.5	745	4.57	139.4	.2	9.7	.8	17	.5	1.7	.2	58	.24	.079	8	10.9	.31	127	.002	1	1.85	.007	.10	.5	.04	6.0	.1	<.05	6	<.5	15.0
19100N 23040E	1.0	41.8	59.2	196	1.2	12.1	9.8	649	4.06	130.8	.2	34.9	.7	26	.7	2.1	.1	45	.42	.071	11	9.8	.37	119	.002	<1	1.61	.006	.06	.7	.05	5.8	.1	<.05	5	<.5	15.0
19000N 20500E	1.0	39.3	35.7	141	.3	12.4	11.4	578	4.55	76.4	.2	29.6	.6	23	.3	1.2	.2	57	.28	.064	11	12.4	.47	90	.002	<1	1.78	.007	.04	.3	.03	5.0	.1	<.05	6	<.5	15.0
19000N 20520E	.7	34.9	56.2	164	.8	12.4	11.1	1034	4.24	59.1	.2	22.0	.5	28	.6	1.0	.1	59	.37	.084	9	12.9	.47	139	.002	<1	1.80	.008	.05	.2	.03	5.2	.1	<.05	6	<.5	7.5
19000N 20540E	.9	38.2	188.8	214	.4	12.1	10.2	657	4.61	70.3	.2	24.9	.6	25	.5	1.3	.2	59	.29	.083	10	12.6	.47	114	.003	<1	1.97	.007	.05	.2	.05	5.1	.1	<.05	6	<.5	15.0
19000N 20560E	1.0	35.8	35.2	129	.6	10.6	8.6	387	4.67	101.2	.1	21.4	.6	15	.3	1.5	.1	61	.15	.065	8	11.3	.34	64	.003	1	1.57	.006	.04	.3	.03	4.9	.1	<.05	7	<.5	15.0
19000N 20580E	1.8	47.6	23.5	91	.7	13.7	17.7	1332	4.66	37.1	.3	5.5	.6	58	.7	.8	.1	39	.71	.110	11	8.5	.26	132	.001	1	1.17	.010	.05	.2	.08	10.5	.1	.06	3	1.5	15.0
19000N 20600E	1.1	42.5	29.1	68	3.5	8.5	6.6	1048	1.84	27.7	.3	14.0	.2	120	1.6	1.5	.1	22	2.56	.138	11	7.0	.21	141	.003	3	1.11	.012	.05	.2	.16	4.2	.1	.13	3	2.2	7.5
19000N 20620E	1.6	29.5	47.7	90	.5	6.7	6.0	314	5.54	86.9	.2	16.6	.3	31	.3	1.9	.1	74	.48	.040	7	10.5	.22	114	.011	1	1.25	.007	.03	.4	.05	3.5	.1	<.05	7	<.5	15.0
19000N 20640E	1.5	38.9	59.1	133	1.2	9.5	7.7	334	6.04	88.0	.2	22.2	.7	12	.3	1.4	.1	62	.07	.053	8	13.8	.35	61	.005	<1	2.00	.006	.03	.3	.06	4.9	.1	<.05	7	<.5	15.0
19000N 20660E	.8	33.1	29.4	54	.3	6.0	5.8	305	8.13	23.3	.2	4.7	.7	5	.1	.5	.2	67	.02	.089	10	14.9	.23	67	.001	<1	1.91	.006	.03	.1	.10	4.3	.1	<.05	7	.6	15.0
19000N 20680E	1.4	73.6	25.2	70	.1	11.7	10.5	322	4.91	26.9	.1	3.3	.7	24	.2	3.0	.2	32	.02	.048	11	5.9	.09	55	.001	<1	.98	.006	.03	.1	.03	6.4	.1	<.05	2	.6	15.0
19000N 20700E	1.0	62.2	8.7	48	.1	11.8	10.4	97	3.53	50.6	.1	4.8	.5	28	<.1	.6	.1	28	.01	.041	5	5.0	.04	51	<.001	<1	.57	.005	.02	.1	.02	5.9	.1	<.05	2	<.5	15.0
19000N 20720E	1.6	38.5	40.8	93	1.1	8.8	7.4	319	4.38	121.9	.2	58.6	.6	17	.2	1.5	.2	60	.03	.057	8	11.7	.24	77	.004	<1	1.77	.006	.03	.3	.06	4.5	.1	<.05	6	.7	15.0
19000N 20740E	1.5	37.5	26.4	95	.3	9.8	7.5	210	3.47	124.9	.1	23.1	.5	67	.2	2.6	.1	57	.04	.045	10	7.3	.08	81	.003	1	.94	.005	.04	.2	.03	3.5	.2	<.05	5	.6	15.0
19000N 20760E	2.9	54.5	65.8	180	1.1	14.0	18.4	1268	5.46	139.9	.5	46.1	.7	17	.4	1.2	.3	51	.10	.097	12	12.2	.33	82	.004	<1	2.11	.007	.05	.4	.08	8.0	.1	<.05	6	1.7	15.0
19000N 20780E	2.2	34.8	48.2	134	.5	11.6	11.0	610	3.97	104.1	.5	29.2	.6	44	.3	.8	.2	54	.73	.088	8	12.7	.44	78	.006	1	1.73	.007	.04	.4	.07	5.8	.1	<.05	6	1.4	15.0
19000N 20800E	1.5	36.6	38.1	159	.3	9.6	9.4	372	4.05	183.9	.2	43.4	.6	26	.2	.7	.2	58	.41	.051	8	11.1	.36	69	.003	1	1.86	.007	.04	.4	.04	4.7	.1	<.05	7	<.5	15.0
19000N 20820E	1.0	60.7	51.1	180	.9	15.9	13.2	462	3.74	122.2	.4	65.7	.7	32	.4	.6	.3	51	.48	.092	11	12.3	.51	77	.008	1	2.00	.007	.04	.4	.06	6.6	.1	<.05	5	.7	15.0
19000N 20840E	1.5	33.2	38.5	116	1.1	9.8	9.6	389	3.26	49.8	.5	29.7	.5	56	.3	.6	.1	46	1.10	.096	9	11.1	.46	77	.008	1	1.61	.008	.04	.5	.08	5.8	.1	<.05	5	1.5	15.0
19000N 20860E	2.4	49.5	55.7	158	1.8	12.4	12.9	1083	4.07	80.7	.8	20.4	.6	56	.6	1.0	.2	48	1.03	.116	14	13.6	.39	104	.003	<1	2.03	.009	.05	.2	.11	9.4	.1	<.05	5	1.5	15.0
19000N 20880E	2.1	48.7	32.2	123	1.8	13.3	12.4	944	3.68	68.4	.8	19.6	.5	60	.5	1.0	.2	47	1.09	.127	12	14.2	.43	95	.004	1	2.06	.011	.06	.3	.11	8.8	.1	.08	5	2.0	15.0
19000N 20900E	2.5	30.9	26.6	66	.4	7.2	6.1	176	2.87	53.6	.6	14.0	.7	29	.2	.7	.1	45	.35	.060	11	10.1	.15	83	.003	1	1.40	.009	.05	.3	.12	6.6	.1	<.05	5	1.3	7.5
19000N 20920E	1.1	7.6	6.4	31	.5	2.7	2.6	112	.81	16.4	.1	2.3	.2	24	.4	.2	.1	14	.36	.064	2	3.7	.06	32	.002	<1	.39	.009	.04	.2	.09	1.0	<.1	.06	2	.5	1.0
19000N 20940E	3.7	29.5	37.8	109	.9	7.6	12.3	878	4.04	78.0	.8	12.2	.5	46	.4	.7	.2	52	.86	.076	11	12.2	.24	75	.004	1	1.72	.009	.04	.2	.10	5.8	.1	<.05	5	1.9	7.5
19000N 20960E	2.8	25.7	21.8	98	.5	7.5	10.9	648	4.34	68.4	.5	13.3	.8	38	.2	.4	.2	60	.66	.041	10	11.1	.28	59	.002	<1	1.93	.008	.03	.2	.04	5.0	.1	<.05	7	1.1	15.0
19000N 20980E	2.2	37.0	26.8	97	.2	9.4	9.5	514	4.07	82.2	.2	23.8	.5	9	.1	1.2	.2	61	.09	.051	7	10.8	.29	47	.005	1	1.44	.007	.04	.3	.05	4.1	.1	<.05	6	<.5	7.5
19000N 21000E	1.1	14.7	4.8	21	1.3	1.8	1.3	73	.41	5.0	.3	1.3	.1	113	.4	.4	<.1	4	3.26	.066	5	3.4	.14	50	.003	2	.29	.010	.01	<.1	.17	1.3	<.1	.13	1	2.2	1.0
RE 19000N 21000E	1.0	15.3	4.9	22	1.4	1.6	1.2	69	.39	4.7	.3	1.4	.1	120	.4	.4	.1	4	3.15	.070	5	3.1	.14	49	.004	2	.29	.011	.01	<.1	.16	1.3	<.1	.12	1	2.3	1.0
19000N 21020E	.9	39.6	7.3	16	2.8	4.1	1.8	192	.79	35.8	.3	6.1	.1	165	.4	.9	.1	6	3.99	.081	7	4.2	.22	51	.010	4	.46	.010	.01	.1	.14	1.5	<.1	.13	2	2.5	7.5
19000N 21040E	1.2	17.4	9.3	24	.2	2.9	3.3	103	2.55	46.0	.1	11.3	.2	11	.1	.9	.1	64	.11	.041	9	5.6	.05	35	.005	1	.78	.006	.03	.4	.06	1.3	<.1	<.05	7	<.5	15.0
19000N 21060E	1.2	17.9	7.9	33	.3	4.5	4.1	222	5.04	13.7	.2	.6	.5	9	.1	.5	.2	169	.05	.026	5	10.3	.13	31	.162	1	1.15	.007	.02	<.1	.05	2.6	<.1	<.05	13	<.5	15.0
STANDARD DS5	12.3	136.1	25.8	136	.3	24.3	11.6	750	2.93	18.0	6.1	44.6	2.8	49	5.3	3.7	5.9	60	.71	.094	13	174.6	.68	137	.096	17	1.93	.034	.13	4.8	.18	3.5	1.1	<.05	7	4.8	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19000N 21080E	.7	16.1	3.0	15	.6	2.9	4.7	288	.99	4.5	.1	.8	.1	5	.1	.2	.1	22	.10	.056	7	3.8	.05	27	.001	1	.50	.006	.05	.1	.05	.4	.1	<.05	3	<.5	7.5
19000N 21100E	2.2	28.6	13.9	50	.2	4.3	5.3	252	5.63	56.1	.2	7.0	.3	8	.1	1.1	.2	99	.03	.100	8	10.8	.10	37	.006	1	1.18	.005	.02	.3	.06	2.3	<.1	<.05	8	<.5	15.0
19000N 21120E	2.7	35.0	49.6	69	.4	7.7	12.0	1738	7.85	93.6	.4	12.3	.2	13	.2	1.7	.3	73	.14	.110	9	10.6	.15	66	.010	<1	1.27	.005	.03	.3	.06	2.5	.1	<.05	9	.5	15.0
19000N 21140E	1.7	50.9	22.1	102	1.0	10.1	18.0	8574	5.62	350.8	.2	55.6	.3	31	.3	1.8	.8	24	.45	.158	10	4.4	.07	256	.003	1	.57	.005	.05	.2	.09	2.9	.2	<.05	6	.6	7.5
19000N 21160E	1.6	26.8	2.8	51	.2	12.1	10.5	274	2.93	19.4	.1	<.5	.1	14	<.1	.3	.1	65	.03	.070	9	13.3	.08	25	.002	2	.49	.004	.03	.1	.02	1.1	.1	<.05	5	<.5	15.0
19000N 21180E	1.1	24.9	26.3	57	.2	5.6	7.5	699	3.49	123.3	.2	15.0	.1	6	.1	.9	.2	61	.03	.086	8	5.7	.06	32	.011	1	.78	.005	.03	.2	.04	1.6	.1	<.05	6	<.5	1.0
19000N 21200E	1.2	19.8	22.2	40	.2	4.6	4.4	316	3.87	64.0	.2	24.2	.2	9	.1	1.0	.2	63	.02	.057	10	11.2	.11	29	.013	1	1.13	.005	.03	.3	.06	1.9	.1	<.05	7	<.5	15.0
19000N 21220E	1.1	30.5	102.6	127	.5	11.1	11.9	4495	4.34	241.6	.3	20.9	.2	35	.8	1.0	.2	50	.65	.175	9	14.8	.50	98	.010	2	2.04	.007	.04	.3	.05	3.2	.1	<.05	6	<.5	15.0
19000N 21240E	.9	25.1	14.9	30	.7	4.2	4.5	223	4.68	47.8	.2	7.2	.1	7	.1	.7	.1	76	.07	.050	8	9.3	.11	52	.008	1	1.27	.007	.02	.3	.08	2.0	.1	<.05	7	<.5	15.0
19000N 21260E	5.7	155.1	18.9	296	3.2	23.7	20.8	38589	3.52	61.0	1.6	25.3	2.1	60	4.3	1.1	.2	28	1.14	.443	48	20.0	.23	752	.015	3	3.90	.007	.05	.1	.29	30.2	.5	.14	6	2.4	15.0
19000N 21280E	1.0	44.9	61.4	67	.3	7.1	11.7	3307	7.22	253.9	.2	30.4	.1	8	.2	1.2	.2	96	.05	.184	7	14.4	.31	57	.016	2	1.43	.006	.03	.3	.06	2.5	.1	<.05	7	.5	15.0
19000N 21300E	1.0	38.1	17.0	46	.4	6.0	5.4	472	5.11	37.8	.2	9.8	.1	6	.2	.7	.3	55	.07	.065	6	13.4	.26	40	.012	1	1.42	.005	.02	.4	.08	2.3	<.1	<.05	5	<.5	15.0
19000N 21320E	1.3	26.9	11.4	39	.3	5.1	5.1	366	4.91	34.7	.2	11.5	.3	6	.2	.8	.1	72	.04	.067	6	11.2	.19	38	.006	1	1.36	.007	.03	.2	.06	2.6	.1	<.05	7	<.5	15.0
19000N 21340E	1.4	44.6	49.5	82	.2	8.8	8.8	569	7.55	114.3	.3	37.8	.6	5	.4	1.5	.1	69	.04	.048	6	17.2	.40	37	.030	<1	2.30	.004	.02	.6	.06	4.3	.1	<.05	7	<.5	15.0
19000N 21360E	.6	10.7	6.2	19	.3	2.7	2.8	82	1.07	7.7	.1	5.1	.1	53	.2	.3	.1	26	.97	.059	5	4.4	.15	62	.003	1	.76	.008	.03	.1	.07	1.5	<.1	.10	4	<.5	7.5
19000N 21380E	1.0	38.3	16.6	102	1.4	7.5	13.6	613	4.67	103.8	.5	2.1	.4	28	.4	.5	.1	37	.50	.093	13	11.4	.17	60	.001	<1	1.48	.009	.03	.2	.06	7.1	.1	<.05	4	.5	15.0
19000N 21400E	1.2	71.7	71.9	119	4.4	12.2	12.8	2933	3.64	62.0	1.1	22.7	.8	33	1.7	1.0	.1	32	.53	.254	35	14.1	.35	74	.008	1	2.53	.007	.04	.2	.19	15.1	.1	.10	4	1.5	15.0
19000N 21420E	1.3	19.9	14.8	43	.3	3.6	3.9	323	4.98	27.6	.2	17.5	.2	4	.1	.8	.2	77	.03	.062	7	8.5	.11	21	.008	1	1.14	.005	.02	.3	.05	2.1	.1	<.05	9	<.5	15.0
19000N 21440E	1.5	81.4	55.7	97	.6	9.6	8.2	388	7.24	218.0	.2	78.8	.2	23	.3	1.9	.6	57	.02	.084	6	9.0	.12	30	.006	1	1.25	.006	.02	.5	.06	2.9	.1	<.05	6	<.5	15.0
19000N 21460E	1.2	31.8	31.9	44	.5	5.7	6.1	378	6.59	98.7	.3	28.7	.2	7	.2	1.1	.3	76	.02	.071	6	9.6	.11	31	.010	<1	1.42	.005	.02	.4	.06	2.2	.1	<.05	8	<.5	15.0
19000N 21480E	2.2	37.8	28.4	147	.3	8.4	9.7	1017	5.03	67.7	.3	9.3	.5	11	.3	1.2	.2	68	.10	.075	8	13.9	.33	55	.007	<1	1.79	.006	.03	.4	.03	5.8	.1	<.05	9	<.5	15.0
19000N 21500E	2.4	36.3	19.1	83	.7	8.4	8.2	345	6.15	79.9	.4	23.4	.2	25	.4	1.1	.1	49	.36	.048	8	13.4	.36	62	.014	<1	2.09	.006	.02	.3	.07	3.2	<.1	<.05	6	.7	15.0
19000N 22200E	1.1	19.0	13.6	40	.4	5.2	4.1	244	3.07	54.9	.2	2.3	.1	5	.2	.7	.2	84	.03	.057	7	10.4	.18	29	.005	1	1.62	.007	.03	.2	.06	1.7	.1	<.05	9	<.5	15.0
19000N 22220E	1.1	14.2	13.0	21	1.3	3.3	2.2	110	1.18	25.6	.4	18.0	.1	8	.2	.3	.2	26	.04	.106	6	7.3	.14	31	.001	<1	1.72	.007	.03	.1	.15	.9	.1	.07	5	.5	7.5
19000N 22240E	1.7	43.6	66.7	105	1.1	8.4	8.8	498	6.22	218.8	.4	21.8	1.5	6	.5	1.6	.2	61	.06	.057	9	14.7	.26	40	.009	1	4.04	.004	.02	.3	.14	6.1	.1	<.05	8	.6	15.0
19000N 22260E	2.7	38.8	30.3	140	4.3	8.2	12.2	2098	6.44	180.1	.5	9.2	.2	9	.8	1.3	.7	91	.06	.149	5	17.8	.28	60	.021	1	3.33	.006	.03	.1	.22	2.4	.1	.06	10	.7	15.0
19000N 22280E	1.7	22.7	43.1	177	.9	3.0	5.1	1049	2.80	272.1	.3	16.7	.2	18	.5	3.8	1.0	38	.27	.075	10	4.7	.12	117	.003	1	1.17	.006	.06	.1	.04	1.5	.1	<.05	6	<.5	7.5
19000N 22300E	1.5	33.0	40.3	76	.7	5.8	5.8	337	5.47	158.6	.3	14.3	.1	5	.5	1.7	.3	54	.03	.086	6	9.1	.18	39	.005	<1	1.38	.005	.02	.4	.08	1.8	.1	<.05	6	.5	7.5
RE 19000N 22300E	1.4	31.5	37.7	74	.6	5.8	5.6	325	5.30	153.2	.3	13.8	.1	4	.3	1.7	.3	54	.03	.086	6	8.6	.17	36	.005	<1	1.37	.005	.02	.2	.08	1.5	.1	<.05	6	<.5	7.5
19000N 22320E	1.8	34.6	39.8	65	.8	6.5	5.7	274	6.03	170.6	.5	7.8	.2	5	.4	2.2	.3	53	.04	.090	8	11.5	.19	42	.009	<1	1.64	.005	.03	.4	.12	2.1	.1	<.05	8	.6	15.0
19000N 22340E	1.0	23.6	34.8	75	.4	3.5	4.6	638	3.12	493.2	.4	28.8	.1	5	.2	2.5	1.2	47	.05	.082	9	4.7	.06	70	.004	1	.88	.005	.05	.3	.05	1.0	.1	<.05	6	<.5	7.5
19000N 22360E	1.5	43.0	29.4	339	2.3	10.2	8.1	3419	3.43	513.5	.5	12.3	.6	39	3.2	2.4	.5	40	.74	.134	10	12.1	.46	205	.003	<1	1.82	.006	.04	.3	.06	3.8	.1	<.05	7	.5	15.0
19000N 22380E	2.8	38.9	58.4	120	5.6	9.4	7.7	806	3.88	837.3	.4	728.7	.4	24	.5	6.6	11.7	38	.27	.111	8	9.0	.28	66	.003	1	1.53	.006	.07	.3	.06	2.4	.1	<.05	5	<.5	15.0
19000N 22400E	3.4	63.3	44.9	240	6.1	14.6	10.4	5569	3.95	589.8	.8	40.3	.5	29	3.1	3.8	.4	45	.48	.142	16	12.0	.37	183	.006	1	2.08	.007	.06	.2	.13	4.5	.2	<.05	6	.7	15.0
STANDARD DS5	12.5	148.4	25.9	135	.3	25.5	12.0	809	3.04	18.0	6.1	44.4	3.0	49	5.3	3.9	5.9	63	.72	.092	13	189.7	.68	144	.101	17	2.01	.035	.15	4.7	.17	3.5	1.0	<.05	7	4.7	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
19000N 22420E	.9	30.3	62.9	113	1.5	6.9	7.1	565	6.49	273.6	.3	22.0	.3	7	.2	2.0	.5	70	.11	.143	7	10.5	.26	72	.010	2	1.81	.007	.05	.4	.09	2.0	.1	<.05	7	<.5	15.0
19000N 22440E	.8	37.5	125.5	142	1.0	7.6	8.3	537	7.56	482.1	.3	50.7	.6	6	.4	4.4	3.9	73	.07	.116	6	14.9	.34	63	.012	1	2.10	.006	.04	.4	.09	3.0	.1	<.05	6	<.5	15.0
19000N 22460E	.9	26.2	27.4	113	1.4	5.9	6.9	529	6.38	206.4	.4	32.1	.2	5	.4	1.3	.7	94	.06	.089	5	12.9	.29	56	.021	2	2.04	.006	.06	.2	.08	2.1	.1	<.05	10	<.5	15.0
19000N 22480E	1.7	48.4	93.8	195	.8	8.7	9.3	708	7.67	583.0	.3	57.1	.9	5	.3	5.0	3.3	63	.07	.082	6	12.2	.28	65	.007	2	1.93	.005	.05	1.3	.07	2.9	.1	<.05	7	<.5	15.0
19000N 22500E	1.2	46.1	80.9	181	1.4	11.6	11.1	639	7.60	322.5	.3	33.2	1.1	4	.6	2.5	.6	63	.04	.077	6	19.0	.48	63	.008	1	2.83	.006	.04	.8	.14	4.0	.1	<.05	6	.7	15.0
19000N 22520E	1.2	43.0	106.1	191	1.3	10.4	12.7	684	6.68	548.7	.3	47.7	1.1	5	.5	3.0	1.7	54	.06	.076	6	14.1	.36	56	.006	<1	2.21	.005	.03	.4	.10	3.5	.1	<.05	5	<.5	15.0
19000N 22540E	1.4	28.4	16.0	49	1.3	5.6	6.1	296	8.18	47.8	.2	<.5	.4	4	.4	1.0	.2	101	.03	.067	4	15.4	.21	33	.088	2	1.63	.005	.02	.3	.09	3.1	.1	<.05	10	.5	15.0
19000N 22560E	1.3	25.9	47.9	96	3.0	7.6	6.3	240	3.20	484.8	.4	25.0	.6	18	.7	1.2	.9	35	.19	.087	6	11.1	.19	81	.013	1	3.20	.008	.02	.3	.15	3.1	<.1	<.05	5	.5	7.5
19000N 22580E	1.5	11.6	15.7	50	3.0	5.0	4.6	199	2.49	115.1	.2	3.8	.2	7	.2	.7	.2	39	.04	.070	8	8.6	.22	42	.006	<1	1.46	.006	.03	.1	.09	1.3	.1	<.05	6	<.5	7.5
19000N 22600E	1.6	42.2	25.9	85	1.5	9.2	8.0	303	8.68	116.7	.3	5.0	1.0	5	.3	1.5	.3	103	.03	.038	6	17.8	.31	43	.032	1	2.62	.006	.03	.4	.10	4.2	.1	<.05	10	.5	15.0
19000N 22620E	1.3	70.5	47.3	271	3.2	20.5	18.3	697	5.26	290.7	.4	11.0	.7	39	.9	2.4	.2	62	.63	.092	11	16.0	.61	131	.013	<1	2.43	.010	.06	.3	.07	7.2	.1	<.05	7	<.5	15.0
19000N 22640E	1.6	27.5	45.9	82	2.0	5.2	6.6	653	6.64	358.3	.2	4.7	.4	5	.3	2.7	.5	85	.04	.075	7	9.6	.10	38	.012	1	1.75	.005	.03	2.3	.12	2.7	.1	<.05	10	<.5	15.0
19000N 22660E	1.9	90.1	38.1	219	6.1	19.5	14.3	2215	4.67	679.5	.7	29.5	.7	32	1.4	2.6	.3	62	.54	.114	17	19.6	.66	140	.013	<1	2.43	.010	.05	.3	.14	9.6	.1	<.05	7	.8	15.0
19000N 22680E	1.9	31.7	52.3	102	2.1	4.4	11.8	371	3.01	426.1	.3	10.0	.3	30	.5	1.9	.4	41	.63	.058	10	4.8	.09	86	.007	2	1.34	.008	.03	.5	.05	2.0	.1	<.05	6	<.5	15.0
19000N 22700E	1.1	44.6	30.9	60	4.2	5.9	5.7	234	7.50	464.6	.2	336.0	.4	6	.3	12.7	.2	73	.03	.048	5	13.4	.21	32	.024	1	1.59	.005	.02	.4	.11	3.0	.1	<.05	8	.6	15.0
19000N 22720E	1.5	46.5	46.6	111	1.5	7.5	7.4	330	6.58	588.4	.2	36.9	.7	4	.4	3.1	1.8	61	.02	.064	6	10.2	.14	37	.008	1	1.56	.005	.02	1.2	.08	3.0	.1	<.05	7	.6	15.0
19000N 22740E	1.2	82.0	52.1	235	6.4	14.0	13.0	2023	3.27	288.8	.6	16.7	.3	71	2.8	2.4	.2	37	1.56	.126	19	12.2	.39	141	.007	1	1.69	.009	.03	.4	.16	7.6	.1	<.05	4	1.4	7.5
19000N 22760E	1.4	72.2	74.7	309	3.8	15.3	16.9	1699	4.71	332.2	.4	11.9	.5	50	1.9	2.6	.3	57	1.07	.094	12	14.7	.45	150	.008	1	1.95	.008	.05	.3	.11	5.5	.1	<.05	6	<.5	1.0
19000N 22780E	1.4	161.6	596.7	760	19.3	24.6	17.2	1759	4.37	318.7	1.0	28.9	.8	60	6.8	3.5	.2	49	1.33	.193	28	19.0	.54	186	.005	<1	2.58	.011	.07	.3	.33	15.3	.1	.06	5	2.7	15.0
19000N 22800E	2.0	161.7	561.1	774	15.9	20.5	18.7	4769	4.72	503.9	1.4	31.6	1.2	54	8.4	3.6	.3	47	1.20	.250	26	20.4	.40	167	.014	<1	2.70	.010	.06	.3	.41	16.3	.2	.09	6	2.3	7.5
19000N 22820E	1.0	50.3	206.6	472	2.8	13.6	13.2	1072	4.17	187.0	.3	9.6	.6	26	1.7	2.6	.2	49	.56	.093	10	13.2	.49	93	.009	<1	1.70	.008	.04	.2	.10	5.2	.1	<.05	6	<.5	7.5
19000N 22840E	1.7	81.5	70.0	450	4.6	13.2	9.5	642	5.04	105.9	.6	9.5	1.1	7	1.3	1.4	.2	48	.06	.079	16	12.5	.21	103	.004	1	2.56	.008	.05	.3	.19	4.9	.1	<.05	7	.7	15.0
19000N 22860E	2.0	121.6	102.6	757	5.2	21.9	20.2	1263	4.90	167.2	.5	19.0	.9	22	7.3	2.9	.3	39	.47	.085	14	11.7	.39	103	.003	<1	1.53	.007	.06	.4	.12	12.1	.1	<.05	4	1.3	7.5
19000N 22880E	1.8	70.6	111.3	449	5.9	10.2	12.0	501	4.93	153.3	.3	6.0	.7	21	2.6	2.5	.2	47	.46	.066	6	8.7	.13	116	.002	<1	1.29	.006	.04	.3	.10	4.8	.1	<.05	6	.5	1.0
19000N 22900E	1.2	35.5	95.4	181	1.1	6.8	8.8	392	4.29	147.9	.1	9.6	.6	18	.7	2.0	.2	51	.39	.059	6	8.2	.21	90	.004	<1	1.45	.005	.03	.4	.04	3.5	.1	<.05	6	<.5	15.0
19000N 22920E	1.2	34.4	38.7	109	1.1	6.6	8.4	474	5.92	195.5	.1	5.6	.7	8	.3	2.2	.2	67	.16	.062	6	7.9	.14	60	.004	<1	1.40	.005	.04	.4	.04	3.1	.1	<.05	7	<.5	15.0
RE 19000N 22540E	1.4	26.8	16.2	44	1.3	5.6	5.3	286	8.10	44.1	.2	.5	.4	4	.3	1.0	.2	98	.03	.069	4	14.4	.20	31	.081	<1	1.58	.005	.02	.2	.08	2.8	.1	<.05	8	.6	7.5
19000N 22940E	1.2	50.4	52.6	182	1.5	11.3	11.1	821	4.57	107.6	.2	32.6	.8	18	.8	1.6	.2	52	.35	.059	8	11.3	.30	120	.003	<1	1.78	.007	.05	.4	.05	5.7	.1	<.05	5	<.5	7.5
19000N 22960E	1.3	48.4	92.7	159	1.5	12.3	10.1	421	5.26	111.5	.3	23.5	1.3	5	.3	2.2	.2	62	.04	.030	8	13.8	.41	87	.009	<1	2.29	.005	.04	.3	.06	4.9	.1	<.05	7	.5	15.0
19000N 22980E	1.1	39.9	51.0	120	.6	10.1	14.4	4433	4.09	67.6	.2	6.5	.1	14	.9	2.5	.2	65	.36	.118	7	11.5	.29	163	.009	<1	1.55	.006	.07	.5	.06	3.6	.1	<.05	7	<.5	15.0
19000N 23000E	.9	30.1	42.4	100	1.0	7.8	6.8	360	3.47	70.5	.2	16.7	.2	6	.4	1.5	.1	46	.06	.058	6	8.8	.23	63	.006	<1	1.27	.005	.03	.3	.06	2.3	.1	<.05	5	<.5	7.5
19000N 23020E	1.0	52.2	52.0	163	1.0	14.3	15.3	760	4.55	77.0	.2	9.1	.7	17	.7	2.0	.1	52	.27	.067	9	14.1	.55	93	.006	1	1.98	.007	.05	.4	.04	5.3	.1	<.05	5	<.5	15.0
18900N 22200E	1.9	25.5	14.8	45	.6	4.9	4.4	322	4.44	34.2	.3	2.8	.1	24	.3	.7	.2	101	.45	.101	8	8.6	.12	51	.013	1	1.26	.008	.03	.3	.07	1.4	.1	<.05	11	<.5	15.0
18900N 22220E	.9	20.5	24.1	50	.8	19.4	8.3	925	2.22	26.2	.1	1.6	<.1	5	.1	7.0	.2	60	.05	.087	8	11.6	.07	46	.011	1	.61	.005	.04	.1	.04	.8	.2	<.05	5	<.5	7.5
STANDARD DS5	12.4	144.2	26.1	135	.3	24.0	11.7	787	2.98	18.0	5.9	42.9	2.7	44	5.4	3.8	6.0	60	.73	.093	11	188.0	.69	136	.098	16	2.05	.034	.16	5.1	.17	3.4	1.0	<.05	7	5.0	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
18900N 22240E	1.1	26.6	19.5	59	1.0	5.9	5.5	400	3.67	120.7	.2	6.4	.1	7	.1	1.3	.3	97	.03	.092	8	8.8	.11	47	.005	1	1.18	.007	.04	.2	.07	1.0	.1	<.05	8	<.5	15.0
18900N 22260E	1.0	38.9	55.6	90	1.0	9.9	8.4	397	5.94	232.7	.3	7.3	.4	6	.2	5.3	.3	66	.02	.106	7	10.6	.18	39	.003	1	1.78	.006	.04	.2	.10	2.7	.1	.06	8	<.5	15.0
18900N 22280E	1.4	51.4	40.9	111	2.3	6.9	7.8	375	6.01	156.9	.3	6.3	.3	6	.4	5.1	.4	93	.06	.066	7	11.6	.21	35	.004	<1	1.67	.006	.03	.2	.09	2.6	.1	<.05	9	<.5	7.5
18900N 22300E	1.3	40.0	120.0	322	2.6	7.3	6.7	345	7.01	769.0	.3	72.6	1.2	6	.7	9.4	.7	89	.04	.062	7	14.8	.20	49	.002	<1	2.17	.006	.03	.5	.13	3.3	.1	<.05	10	<.5	15.0
18900N 22320E	1.7	27.0	23.2	52	3.1	3.3	3.7	370	3.04	77.0	.4	11.9	.6	6	.8	.7	.8	57	.03	.110	9	7.6	.08	42	.004	<1	1.81	.007	.03	.2	.14	1.2	.1	<.05	9	.6	7.5
18900N 22340E	3.1	35.8	21.4	81	1.9	6.4	6.8	327	4.86	144.8	.4	6.7	.6	8	.6	1.9	.3	96	.06	.074	11	11.0	.13	61	.004	<1	1.95	.007	.05	.2	.09	2.6	.1	<.05	10	.5	15.0
18900N 22360E	4.0	172.3	403.1	1249	12.0	22.4	18.4	9242	4.90	1154.0	2.0	51.4	1.3	58	22.7	4.4	.8	36	1.20	.326	39	19.8	.33	187	.013	2	2.82	.014	.09	.1	.31	14.6	.3	.11	6	2.8	7.5
18900N 22380E	.6	29.4	64.5	144	.4	4.1	4.5	234	3.62	640.9	.3	37.4	.6	7	.2	5.0	1.5	47	.05	.116	8	5.5	.12	60	.003	1	1.50	.007	.06	.2	.06	1.6	.2	<.05	6	<.5	15.0
18900N 22400E	1.2	24.9	36.8	206	.8	6.4	7.2	692	3.51	229.1	.3	16.7	.5	7	.2	1.9	.7	54	.07	.081	9	8.2	.25	86	.004	<1	1.66	.007	.08	.3	.03	2.0	.2	<.05	9	<.5	7.5
18900N 22420E	.8	24.2	112.0	142	.6	4.7	5.5	686	4.79	1009.7	.3	83.7	.9	9	.1	5.2	2.4	38	.08	.153	8	6.6	.16	54	.003	<1	1.35	.006	.09	.4	.07	1.8	.2	<.05	5	<.5	7.5
18900N 22440E	.7	27.0	84.1	133	1.7	4.0	5.1	371	4.99	734.8	.4	67.6	.7	6	.2	4.7	1.6	45	.02	.123	7	6.8	.13	76	.003	<1	1.45	.007	.07	.3	.09	1.5	.2	<.05	5	<.5	7.5
18900N 22460E	1.5	47.6	61.3	271	1.7	10.7	10.5	777	4.63	286.7	.4	39.6	1.3	7	.5	2.9	.7	47	.08	.088	8	13.2	.35	76	.004	<1	2.62	.006	.06	.4	.12	3.8	.1	<.05	5	.5	15.0
18900N 22480E	.8	40.3	153.7	189	3.2	8.9	10.4	790	5.95	711.1	.4	158.8	.7	8	.4	3.9	1.0	45	.10	.105	8	9.9	.29	59	.004	<1	1.76	.007	.07	.5	.09	2.5	.1	<.05	5	.5	7.5
18900N 22500E	1.1	23.0	38.1	77	1.7	6.4	6.9	286	4.52	219.4	.3	16.4	.2	6	.2	3.8	1.4	60	.03	.086	7	6.0	.07	41	.003	<1	1.15	.006	.04	.2	.10	1.5	.1	<.05	7	.5	7.5
18900N 22520E	2.4	46.5	196.5	183	3.2	9.3	11.6	795	7.06	887.7	.4	211.6	.6	5	.7	4.8	1.8	61	.07	.088	6	14.8	.36	49	.007	1	2.22	.006	.04	.5	.14	2.8	.1	<.05	6	.5	15.0
RE 18900N 22460E	1.5	45.0	61.8	262	1.7	10.3	10.2	744	4.54	281.0	.4	49.8	1.3	7	.5	2.7	.7	47	.08	.087	7	12.6	.36	76	.004	<1	2.66	.007	.06	.3	.13	3.5	.1	<.05	5	.6	15.0
18900N 22540E	1.9	101.0	243.6	236	4.3	15.5	29.7	1771	5.44	2191.7	.7	238.7	1.4	41	1.6	7.2	1.1	38	.88	.117	24	11.3	.38	98	.002	1	2.09	.008	.05	.2	.14	7.1	.1	<.05	4	1.2	1.0
18900N 22580E	1.0	17.2	154.3	41	1.9	3.4	2.6	112	2.05	219.8	.4	141.8	.7	5	.3	1.2	.4	41	.04	.080	7	10.0	.17	32	.004	<1	2.05	.007	.04	.2	.14	2.2	.1	<.05	9	.8	7.5
18900N 22600E	1.2	18.7	17.0	51	.8	4.3	4.5	266	3.02	144.8	.2	11.8	.3	7	.1	1.0	.3	80	.04	.080	9	5.9	.08	30	.002	1	1.04	.006	.03	.2	.07	1.6	.1	<.05	8	<.5	7.5
18900N 22620E	.9	19.1	14.4	45	1.0	3.6	4.1	232	2.40	75.5	.2	5.5	.1	4	.1	1.1	.2	51	.03	.049	10	4.8	.08	24	.003	<1	.88	.006	.03	.1	.06	1.0	.2	<.05	6	<.5	15.0
18900N 22640E	1.4	21.4	15.8	75	1.3	5.0	5.3	217	2.24	285.5	.2	10.7	.1	5	.1	2.8	.3	63	.05	.043	11	3.6	.04	21	.004	<1	.66	.006	.04	.3	.06	1.0	.1	<.05	6	<.5	7.5
18900N 22660E	1.3	34.5	57.5	145	2.1	8.2	8.9	627	7.28	599.3	.2	8.3	.2	7	.3	4.7	.9	104	.05	.087	6	11.4	.14	30	.008	<1	1.58	.006	.03	.6	.11	2.6	.1	<.05	11	.7	7.5
18900N 22680E	1.3	21.7	32.6	72	.7	4.9	5.4	265	4.06	150.3	.2	2.2	.1	13	.3	1.6	.2	64	.24	.070	8	7.3	.15	65	.004	1	1.27	.006	.04	.6	.05	1.6	.1	<.05	8	<.5	15.0
18900N 22700E	.9	17.0	23.5	45	3.5	3.1	3.7	140	1.94	113.9	.1	10.9	.1	4	.1	3.5	.4	44	.02	.046	9	3.5	.03	20	.003	<1	.77	.004	.03	.2	.05	.7	.1	<.05	7	<.5	15.0
18900N 22720E	1.1	25.0	37.3	77	.9	4.8	5.3	416	3.19	159.0	.1	3.1	.1	4	.2	1.7	.3	63	.05	.074	6	6.1	.12	31	.010	1	.89	.005	.03	.8	.05	1.5	.1	<.05	7	<.5	1.0
18900N 22740E	1.8	60.7	48.5	180	3.6	12.2	12.3	836	5.03	221.9	.4	11.8	.3	29	.7	1.9	.3	58	.53	.105	18	12.1	.35	123	.004	1	2.24	.010	.06	.3	.12	3.8	.1	<.05	8	.6	7.5
18900N 22760E	1.9	77.3	100.0	248	18.4	14.6	15.4	5273	3.51	336.5	.5	12.6	.2	103	3.4	3.7	.4	28	2.54	.139	15	10.6	.25	205	.007	2	1.48	.009	.04	.3	.29	4.6	.1	.11	4	1.6	1.0
18900N 22780E	1.5	24.4	23.6	66	.7	4.7	4.9	235	3.51	100.6	.2	14.5	.1	4	.2	1.9	.3	78	.02	.062	8	5.7	.06	31	.005	1	1.14	.006	.03	.3	.07	1.5	.1	<.05	8	<.5	7.5
18900N 22800E	1.5	46.3	78.4	206	2.7	13.0	11.6	574	6.85	144.7	.3	14.9	1.1	5	.5	2.7	.2	58	.06	.094	6	18.5	.44	53	.006	<1	3.44	.005	.04	.4	.17	5.2	.1	<.05	6	1.0	15.0
18900N 22820E	1.0	31.3	58.5	95	2.4	8.4	7.1	541	8.34	81.1	.2	6.3	.5	3	.5	1.8	.1	77	.05	.126	6	15.3	.27	29	.006	<1	1.84	.005	.03	.3	.13	3.0	.1	<.05	7	.6	15.0
18900N 22840E	1.4	39.1	47.8	110	1.2	10.1	10.3	729	9.23	90.5	.2	15.5	.3	4	.5	1.8	.1	70	.03	.101	6	19.1	.39	45	.010	1	2.28	.006	.03	.3	.15	3.0	.1	<.05	7	.6	15.0
18900N 22860E	1.1	37.1	38.9	188	1.2	9.2	8.5	342	5.94	77.2	.2	7.3	.8	5	.5	1.9	.1	60	.04	.058	9	12.3	.28	82	.002	<1	2.10	.006	.04	.3	.09	4.1	.1	<.05	6	<.5	15.0
18900N 22880E	1.0	49.1	67.5	266	1.0	13.7	14.7	936	4.38	94.7	.2	46.7	.7	6	.4	1.9	.1	50	.08	.049	11	13.3	.47	93	.002	<1	1.72	.006	.04	.3	.06	5.3	.1	<.05	5	<.5	7.5
18900N 22900E	1.3	52.5	114.3	559	3.5	13.1	15.1	879	3.94	103.9	.3	46.7	.6	17	3.3	1.5	.2	44	.30	.086	11	10.5	.34	157	.002	<1	1.54	.008	.05	.3	.09	7.1	.1	<.05	5	.6	1.0
STANDARD DS5	13.2	139.7	25.4	139	.3	24.4	12.0	762	3.01	17.8	6.1	43.0	2.9	46	5.6	3.9	6.0	61	.77	.088	12	191.0	.68	135	.098	16	2.00	.035	.16	4.7	.17	3.4	1.1	<.05	7	4.8	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
18900N 22920E	1.0	86.6	79.4	664	7.6	14.1	11.6	1518	3.28	93.6	.5	18.7	.5	58	6.7	1.6	.1	40	1.38	.102	24	11.0	.33	206	.001	<1	1.94	.009	.06	.3	.21	10.8	.2	<.05	4	1.3	7.5
18900N 22940E	1.0	55.9	74.4	605	4.1	10.5	12.5	732	3.88	116.3	.2	12.6	.6	22	1.9	1.4	.2	49	.40	.059	13	10.5	.29	133	.002	<1	1.76	.009	.06	.3	.05	6.0	.1	<.05	5	.6	7.5
18900N 22960E	.9	45.0	54.6	492	2.2	11.3	10.4	590	4.01	105.7	.2	12.5	.6	36	1.7	.6	.2	43	.77	.065	7	11.6	.37	145	.001	<1	1.69	.008	.05	.3	.07	6.1	.1	<.05	5	.8	7.5
18900N 22980E	.9	51.4	111.9	375	1.6	12.8	18.2	1185	3.99	158.2	.2	11.6	.8	17	1.9	1.3	.2	45	.30	.069	9	11.2	.33	167	.002	<1	1.90	.008	.05	.2	.10	6.8	.2	<.05	5	.7	7.5
18900N 23000E	.8	39.0	48.2	196	.9	12.4	12.8	1373	3.80	77.8	.2	12.7	.6	19	1.7	1.1	.1	45	.36	.085	9	12.2	.50	121	.002	1	1.75	.008	.05	.2	.05	5.7	.1	<.05	5	.7	7.5
18900N 23020E	1.1	27.4	50.7	104	.4	8.9	10.4	722	4.11	70.6	.2	20.2	.5	7	.2	1.5	.1	49	.09	.109	8	11.8	.36	47	.004	<1	1.46	.007	.04	.5	.05	3.4	.1	<.05	5	.5	15.0
18800N 22200E	2.2	20.3	15.1	43	.3	5.0	7.3	1538	5.82	24.4	.2	.5	.2	6	.1	1.0	.3	132	.04	.154	7	11.3	.13	36	.019	1	1.58	.007	.05	.1	.07	2.4	.1	<.05	11	.7	15.0
18800N 22220E	2.0	23.4	11.1	40	.6	5.5	5.0	604	5.94	24.8	.2	.6	.2	5	.1	.6	.2	141	.05	.115	7	12.2	.21	28	.036	1	1.68	.008	.03	.1	.07	2.9	.1	<.05	12	.5	7.5
18800N 22240E	1.7	31.8	16.4	61	.5	8.2	7.9	412	6.46	33.5	.2	1.2	.2	5	.1	1.0	.1	97	.04	.104	6	14.3	.29	36	.018	1	1.83	.007	.04	.2	.10	2.9	.1	<.05	8	.9	15.0
18800N 22260E	1.0	27.9	13.6	54	.8	8.0	7.5	445	8.13	26.6	.2	4.3	.2	4	.2	.7	.2	120	.07	.087	3	16.8	.32	29	.028	<1	1.73	.007	.02	.1	.10	3.9	.1	<.05	10	.8	7.5
18800N 22280E	.8	21.5	12.1	47	1.2	4.9	5.1	284	2.46	30.5	.2	7.1	<.1	5	.1	.7	.2	92	.04	.060	6	9.1	.18	33	.015	<1	1.50	.008	.03	.1	.06	2.0	.1	<.05	10	<.5	15.0
18800N 22300E	1.8	37.0	27.4	83	1.0	7.4	6.8	326	7.44	222.1	.3	13.1	.5	8	.3	2.1	.6	117	.05	.083	7	17.5	.26	42	.014	1	2.26	.006	.06	.3	.14	3.4	.1	<.05	12	1.0	15.0
18800N 22320E	1.1	14.3	31.7	38	3.2	3.5	2.8	147	2.27	98.4	.2	6.7	.1	5	.2	2.2	.4	76	.03	.045	7	9.0	.16	34	.007	<1	1.82	.007	.04	.1	.12	2.2	.1	<.05	12	.5	7.5
18800N 22340E	1.8	13.5	24.0	33	1.7	3.5	3.8	157	2.07	40.0	.2	3.0	.3	5	.1	.8	.3	95	.03	.044	8	7.4	.10	30	.068	<1	1.38	.007	.04	.1	.06	2.6	.1	<.05	11	.5	15.0
18800N 22360E	1.7	29.6	34.0	91	2.1	6.5	5.2	287	4.00	244.3	.4	16.2	1.1	10	.4	1.5	.5	75	.08	.074	5	14.8	.29	66	.011	2	3.83	.009	.05	.7	.12	4.1	.1	<.05	9	1.2	7.5
18800N 22380E	2.8	21.4	28.0	74	1.3	6.4	5.8	326	6.68	141.1	.2	4.0	.9	7	.3	1.3	.4	93	.05	.071	8	12.2	.21	47	.005	1	2.12	.008	.05	.2	.07	3.2	.1	<.05	11	.5	15.0
18800N 22400E	2.9	26.0	63.1	187	1.0	4.3	14.7	3599	5.23	464.1	.4	15.7	.5	6	.3	1.2	1.2	47	.05	.123	9	6.5	.11	99	.005	2	1.59	.009	.10	.2	.06	1.4	.2	<.05	8	.5	7.5
18800N 22420E	1.5	67.1	31.6	64	.5	1.4	3.5	281	2.19	274.0	.2	21.1	.9	4	.1	.5	.4	19	.05	.044	11	1.4	.04	37	.001	1	.73	.005	.05	.1	.04	1.0	.2	<.05	5	<.5	7.5
18800N 22440E	1.0	17.5	21.1	53	1.0	4.6	5.5	330	3.03	145.7	.2	12.4	.2	7	.1	1.0	.5	76	.04	.053	9	8.7	.18	49	.008	1	1.73	.009	.07	.1	.04	2.3	.2	<.05	10	.6	15.0
18800N 22460E	.3	8.7	17.0	24	.7	1.3	1.4	144	.76	159.9	.2	626.4	.8	6	<.1	1.2	11.6	18	.04	.025	14	1.8	.04	41	.002	4	1.05	.007	.07	.1	.02	1.0	.2	<.05	6	<.5	7.5
18800N 22480E	1.2	33.0	41.6	81	1.5	5.2	5.7	389	6.39	358.8	.3	18.4	.7	7	.3	2.3	.4	76	.05	.098	7	10.5	.17	52	.007	1	1.76	.008	.06	.3	.10	2.8	.1	<.05	8	.9	7.5
18800N 22500E	1.0	34.7	41.5	79	1.3	7.2	6.8	335	5.52	177.3	.4	22.7	.2	8	.2	1.8	.8	106	.07	.103	7	17.9	.28	55	.010	1	1.98	.008	.05	.4	.12	2.7	.1	<.05	8	.9	15.0
18800N 22520E	1.1	27.4	31.2	93	.9	5.6	6.1	272	5.71	157.1	.2	6.5	.3	8	.1	1.1	.4	81	.07	.082	7	10.4	.16	58	.009	1	1.47	.007	.07	.4	.07	2.7	.1	<.05	7	.6	7.5
18800N 22540E	2.0	31.5	96.0	217	5.4	10.7	8.2	446	6.12	188.7	.3	8.1	.6	4	.3	5.2	.3	63	.04	.082	11	7.8	.09	51	.003	2	1.34	.008	.05	.2	.10	3.5	.2	<.05	9	.8	15.0
18800N 22560E	2.1	68.3	73.2	136	3.6	9.0	15.1	606	4.61	248.2	.5	25.5	1.5	30	.7	2.3	.3	39	.63	.082	14	11.2	.30	54	.003	<1	2.96	.007	.03	.3	.12	6.3	.1	<.05	4	1.7	15.0
RE 18800N 22560E	2.0	67.0	68.7	133	3.3	9.0	14.5	578	4.31	234.5	.5	19.1	1.4	28	.6	1.8	.3	37	.59	.082	13	10.7	.31	49	.003	1	3.10	.007	.03	.3	.11	6.6	.1	<.05	4	1.5	7.5
18800N 22580E	1.9	52.4	44.9	89	4.7	4.8	5.3	205	4.59	195.6	.5	13.0	.7	33	.5	1.3	.3	58	.70	.093	15	8.6	.13	59	.003	<1	1.87	.009	.03	.3	.09	4.4	.1	<.05	8	.9	15.0
18800N 22600E	2.0	28.6	24.3	85	.9	6.5	6.1	224	4.77	193.7	.2	21.2	1.1	5	.1	1.0	.7	110	.03	.062	10	9.4	.16	37	.006	1	1.45	.008	.05	.2	.06	3.2	.1	<.05	10	.5	7.5
18800N 22620E	1.2	15.5	43.8	80	1.5	4.1	8.5	625	3.05	234.7	.2	7.8	.2	16	.3	.5	.3	50	.28	.069	10	7.3	.18	76	.006	<1	1.19	.008	.06	.1	.04	1.8	.1	<.05	7	.5	7.5
18800N 22640E	1.6	70.6	54.8	145	4.3	14.1	32.1	1650	4.38	142.3	.3	3.7	.3	31	.9	1.2	.3	51	.48	.131	8	9.1	.20	161	.001	<1	2.02	.009	.06	.3	.07	3.0	.1	<.05	6	.8	1.0
18800N 22660E	1.0	18.6	23.9	53	1.2	4.4	4.3	187	3.18	326.2	.2	7.8	.6	4	.1	.2	.5	77	.03	.056	10	6.9	.11	24	.002	<1	1.23	.006	.03	.1	.05	2.4	.1	<.05	8	.5	7.5
18800N 22680E	1.5	24.1	89.4	245	6.2	4.9	4.5	174	2.29	145.8	.1	5.3	.4	12	.5	20.9	.3	61	.04	.038	12	3.6	.05	26	.003	1	.79	.006	.04	.3	.03	2.3	.2	<.05	6	.6	15.0
18800N 22700E	2.3	24.3	21.4	107	1.0	6.6	5.8	151	2.45	233.9	.2	14.9	.8	9	.2	3.1	.3	68	.04	.027	12	3.6	.04	23	.001	1	.68	.006	.03	.5	.04	2.5	.1	<.05	6	.5	15.0
18800N 22720E	.1	2.1	1.7	7	.2	.2	.3	18	.13	1.2	.2	4.0	.3	5	<.1	<.1	<.1	1	.05	.010	14	<1	.01	18	.001	1	.22	.005	.02	<.1	.01	.2	.1	<.05	2	<.5	7.5
STANDARD DS5	12.7	142.8	24.8	137	.3	23.8	12.1	753	3.02	17.3	6.0	41.9	2.9	46	5.4	3.7	5.9	61	.78	.091	13	184.9	.69	133	.106	15	2.04	.034	.16	4.3	.16	3.6	1.1	<.05	7	5.1	15.0

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
18800N 22740E	1.7	24.8	23.4	65	.9	5.7	6.7	247	5.29	87.2	.2	7.8	.6	4	.2	2.7	.3	81	.01	.076	8	6.9	.07	26	.005	1	.98	.005	.03	.3	.06	1.9	.1	<.05	9	.5	7.5
18800N 22760E	1.6	31.1	11.4	65	.7	6.8	5.9	168	3.09	132.0	.2	3.8	.8	6	.2	2.3	.3	68	.05	.059	10	4.6	.05	21	.001	1	.93	.005	.03	.3	.03	2.2	.1	<.05	7	.6	7.5
18800N 22780E	.6	43.8	21.6	65	.8	6.0	6.2	313	7.45	94.8	.2	1.1	1.0	3	.1	1.2	.2	46	.03	.109	8	8.4	.17	37	.001	1	1.74	.005	.04	.2	.08	3.1	.1	<.05	6	1.0	15.0
18800N 22800E	1.3	27.4	65.9	198	1.7	9.1	7.6	346	4.13	88.0	.2	12.0	.4	16	.5	1.3	.3	51	.25	.091	8	9.4	.37	89	.004	<1	1.68	.006	.03	.3	.04	3.4	.1	<.05	7	.8	15.0
18800N 22820E	3.1	63.8	40.0	175	2.8	11.5	8.5	229	7.97	44.5	.3	1.9	.9	15	.6	2.2	.3	65	.22	.095	9	12.7	.25	90	.001	<1	1.89	.006	.03	.2	.08	4.0	.1	<.05	7	.9	15.0
18800N 22840E	3.0	32.3	60.2	134	.6	7.0	6.5	330	5.06	299.0	.2	1.8	.6	5	.3	2.3	.2	85	.05	.090	9	7.3	.07	49	.002	<1	.98	.005	.03	.2	.04	2.6	.1	<.05	9	.5	7.5
18800N 22860E	1.3	40.1	155.1	435	1.2	11.2	12.6	703	6.57	80.0	.2	4.9	.8	19	.7	2.9	.2	84	.29	.120	9	13.9	.35	79	.002	1	2.06	.005	.03	.3	.08	4.0	.1	<.05	8	.7	15.0
18800N 22880E	2.3	69.7	243.0	381	2.3	9.5	13.7	1069	4.71	96.6	.3	2.6	.4	29	5.4	1.8	.3	69	.42	.093	16	11.0	.15	104	.003	1	1.53	.006	.03	.3	.10	3.7	.1	.07	7	.5	1.0
RE 18800N 23000E	.7	44.7	48.5	138	.8	15.7	14.0	508	3.95	47.3	.2	10.7	1.0	31	.7	1.4	.1	51	.51	.080	9	14.7	.76	91	.026	1	1.81	.013	.07	.2	.02	6.8	.1	<.05	6	.6	15.0
18800N 22900E	2.3	161.8	1259.4	851	41.4	19.4	14.8	2405	4.12	159.1	1.9	31.3	1.1	85	7.9	3.8	.2	38	1.60	.354	38	19.3	.25	138	.004	2	2.57	.010	.05	.1	.94	22.2	.2	.16	4	3.2	7.5
18800N 22920E	1.5	46.2	297.9	483	1.9	10.6	11.6	1158	6.71	111.0	.3	5.9	1.2	54	1.2	3.6	.3	87	.97	.058	12	21.3	.35	66	.002	<1	1.82	.008	.02	.2	.10	4.1	.1	<.05	8	.9	7.5
18800N 22940E	1.2	46.2	59.8	124	1.7	8.9	8.8	465	4.79	95.8	.2	10.5	.8	5	.4	2.2	.1	55	.06	.065	7	12.2	.28	40	.007	1	1.42	.006	.03	.3	.07	3.7	.1	<.05	5	1.0	15.0
18800N 22960E	.9	57.7	64.6	181	1.3	16.8	17.7	1281	4.06	83.3	.3	25.6	1.0	33	1.7	2.1	.2	46	.58	.087	12	12.6	.58	95	.015	1	1.64	.011	.07	.3	.04	8.8	.1	<.05	5	.8	15.0
18800N 22980E	1.2	62.8	69.0	176	1.5	17.0	16.6	2345	3.88	93.5	.3	19.5	.9	42	2.7	1.5	.1	45	.77	.093	15	13.3	.54	122	.007	1	1.82	.012	.08	.2	.08	10.5	.1	.07	5	.8	7.5
18800N 23000E	.7	45.4	49.2	139	1.0	15.8	14.3	528	4.00	47.9	.2	10.9	1.0	30	.7	1.7	.1	55	.53	.083	8	15.6	.75	92	.022	1	1.86	.012	.07	.3	.02	7.1	.1	.07	6	.5	15.0
18800N 23020E	1.1	61.4	99.4	208	1.4	19.7	21.3	1163	4.67	124.4	.2	28.3	1.2	62	1.3	2.9	.2	51	1.68	.081	7	13.4	.79	120	.015	1	1.75	.017	.11	.4	.03	8.4	.1	.09	5	.8	15.0
STANDARD DS5	12.6	144.6	25.2	139	.3	24.5	11.8	781	3.00	19.0	6.1	43.8	2.9	44	5.5	3.8	6.0	60	.72	.087	11	178.9	.68	131	.090	16	1.93	.032	.14	4.7	.17	3.4	1.0	<.05	7	4.8	15.0

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

Data A FA ___

APPENDIX II

Rock Sample Descriptions

Rock Sample Descriptions – T-04-MR Series

SAMPLE #	DESCRIPTION	Type	Width metre	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
MR-001	Dark grey metased, qtz crystals filling vugs, pyrite	Grab		<5	2.1	96	31	18
MR-002	Qtz stwk in metaseds, very minor pyrite	Chip	0.5	9.1	0.4	20	46	23
MR-003	As 002, contiguous to north	Chip	1.0	21.8	0.9	23	109	37
MR-004	As 002, contiguous to the north with 003	Chip	1.0	35.2	0.7	74	214	54
MR-005	As 002, contiguous to the north with 004	Chip	1.0	6.6	0.8	27	172	30
MR-006	As 002, contiguous to the north with 005	Chip	1.0	37.7	2.2	610	1003	55
MR-007	Qtz vein material with pyrite and areas of grey graphitic qtz	Chip	0.45	5.0	5.7	213	123	687
MR-008	As 007	Chip	0.4	1.1	1.2	60	140	170
MR-009	Black qtz (graphite inclusions), qtz flooded graphitic slst	Chip	0.4	70.7	2.0	108	161	360
MR-010	Qtz vein material with pyrite and areas of grey graphitic qtz	Chip	0.4	94.1	13.4	263	112	410
MR-011	Black qtz (graphite inclusions), qtz flooded graphitic slst	Chip	0.4	22.1	1.2	57	191	235
MR-012	Black qtz, graphitic slst, qtz filled vugs	Chip	0.25	<.5	2.7	96	45	801
MR-013	Brown weathering metased (slst, sdst) with qtz and pyrite in contact with qtz vein	Chip	1.0	94.2	1.3	19	61	4752
MR-014	Qtz vein material with pyrite and arsenopyrite	Chip	0.5	1900.7	5.0	249	61	<10000
MR-015	Qtz veinlets in metased, pyrite, bleached fragments	Chip	0.5	582.5	4.3	40	21	<10000
MR-016	Buff brown weathering sdst/slst	Chip	0.7	187.6	0.7	15	109	3562
MR-017	Galena and sphalerite in brecciated sdst, sdst fragments have some unmineralized qtz veinlets	Grab		5.2	49.5	>10000	<10000	117

o/c = outcrop (exposure), sdst = sandstone, slst = siltstone (includes mudstone, claystone and very fine sdst), qtz = quartz, stwk = stockwork, carb. = carbonate usually ankerite, rep. = representative, X = across Analytical values: Au in ppb, Ag, Pb, Zn and As are in ppm.
Note: Mass spectrometry results are rounded to the closest ppm or ppb

APPENDIX III

Statement of Costs

STATEMENT OF COSTS

TOMMY JACK PROPERTY
2004 EXPLORATION PROGRAM

FIELD PERSONNEL		
A. Raven - Field Manager (High Range Exploration Ltd.)	26 days,	6,500.00
M. Moorman - Field Assistant	23 days	5,750.00
Rainbow and Sunshine Holdings (2 field assistants)	24 days	12,446.51
FOOD AND ACCOMMODATION		4,388.57
VEHICLE RENTALS		1,200.00
EQUIPMENT AND SUPPLIES		
Field Supplies		2,323.53
Fuel & Lubes		405.79
AIRCRAFT SUPPORT		
Helicopter – Mobilization/Demobilization Canadian Helicopters Limited, Smithers, BC		6,389.47
EXPEDITING SERVICES		5,700.00
LABORATORY ANALYSIS		21,417.73
REPORT PREPARATION		1,500.00
	TOTAL	**$ 68,021.60**

APPENDIX III

Statement of Qualifications

PAUL S. COWLEY, P.GEO.

I, Paul S. Cowley, P.Geo., of 207-270 West 1st Street, North Vancouver, British Columbia hereby certify as follows:

1. I graduated with Honours with a Bachelor of Science degree in Geology, from University of British Columbia, Canada, in 1979.

2. I am a registered Professional Geologist of the Northwest Territories, Canada, Registration Number L445, since October 5, 1989.

3. I am a registered Professional Geoscientist of the Province of British Columbia, Canada, Registration Number 24350, since June 1999.

4. I have been directly involved in the mining industry for 24 years. I have worked directly in exploration of Epithermal and Mesothermal gold, Volcanogenic Massive Sulfide, porphyry copper, coal, diamonds and industrial minerals projects during this time.

5. In 2004, I was retained by the Gold City Industries Ltd. as a non-independent consultant (currently Vice President of the Company) for the evaluation of the Tommy Jack property. I was not on site for some the 2004 soil, trenching and prospecting program described in this report.

6. This Assessment Report is an accurate account of the 2004 exploration season for the properties contained.

Dated at Vancouver, B.C. this 13th day of December, 2004.

PAUL S. COWLEY, P. GEO.

ALAN RAVEN

I, Alan Raven, of Box 204, Madeira Park, British Columbia, V0N 2H0 hereby certify as follows:

1. I have been directly involved in the mining industry as a prospector since 1969.

2. Between 1977 and 1998 I have taken a variety of prospectors' courses and exploration short courses.

3. My field exploration experience includes geochemical and geophysical surveying, diamond drilling, prospecting, mapping, crew training, and exploration project management in British Columbia and the Western United States (Washington, California, Nevada, Arizona, and Utah).

4. I hold title to the Tommy Jack mineral property, which is currently under option to Gold City Industries Ltd.

5. Since 2000 I have been retained through my company, High Range Exploration Ltd., as a field manager for Gold City Industries Ltd. I was on site for the entire 2004 mapping, trenching, and prospecting program described in this report. I was not involved in the handling of samples.

6. This Assessment Report is an accurate account of the 2004 exploration season for the Tommy Jack property.

Dated at Vancouver, B.C this 13th day of December, 2004.

Alan Raven