



Report on the 2001 Geochemical Work on the Mars Property

Whitehorse Mining District, Yukon
NTS 105 E/07
Work performed September 9 – October 10, 2001

Claims: DDH 1-16 (YB67058-67073)
Mars 1-200 (YB96047-96246)

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July 9, 2002

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 43,200.

M. B. B.
for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

SUMMARY

Saturn Ventures Inc.'s Mars Property consists of 216 contiguous mineral claims located in the Whitehorse Mining District, Yukon. It is accessible by helicopter from Whitehorse.

The Property covers an isolated, alkalic, syenite to monzonite, Jurassic intrusive known as the Teslin Crossing Pluton. The Pluton is zoned with a porphyritic border phase and a lithologically and texturally complex central phase, and associated dike swarms and sills. Similar intrusives elsewhere in the Canadian Cordillera host significant economic porphyry-style gold-copper deposits.

Current exploration work on the Mars property has consisted of geological mapping, geochemical sampling, and geophysical surveying. Results of the work have identified porphyry-style gold-copper mineralization and related alteration within alkalic border phase rocks of the Teslin Crossing Pluton. Geochemical results of selected samples have returned up to 4,790 ppb (4.8 g/t) gold and 17,000 ppm (1.7 %) copper. The zones of mineralization are located within a much larger but discontinuous zone of anomalous gold and copper soil geochemistry, and magnetic, chargeability and resistivity anomalies. The geological setting, mineralogy, geochemical anomalies, and geophysical anomalies are consistent with a potentially significant gold-rich, alkalic, porphyry copper occurrence.

Based on these results, an exploration program consisting of data compilation and interpretation followed by diamond drilling is warranted and recommended.

YUKON ENERGY, MINES
& RESOURCES DEPARTMENT
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INTRODUCTION

This report was prepared for Saturn Ventures Inc. Its purpose is to satisfy assessment requirements of the *Yukon Quartz Mining Act* through a description of exploration work completed in 2001 combined with a review of existing data.

The Mars Property is located in south-central Yukon Territory. Work completed in 2001 on the Mars Property consisted of grid preparation, line cutting (24 line kilometers of cut line and 4 kilometers of flagged line), differential GPS surveying, soil geochemistry (1,026 samples), rock geochemistry (107 samples), prospecting, and hand trenching by Northern Natural Resource Services Ltd. under contract to Saturn Ventures Inc. The work was supervised by Brian Sauer and was carried out during the period September 10 to October 10, 2001.

LOCATION AND ACCESS

The Mars Property is located in south-central Yukon Territory, about 65 kilometers north of Whitehorse (Figure 1). It is situated between Lake Laberge and the Teslin River, south of its confluence with the Yukon River. The geographic coordinates of a point approximately in the center of the Property are 61° 16' north latitude and 134° 45' west longitude.

Access to the Property is by helicopter from Whitehorse. The "Livingstone Trail," a winter-only trail suitable for track-type vehicles, provides access to placer gold mining camps in the Livingstone Creek area, and comes within 5 kilometers of the Property.

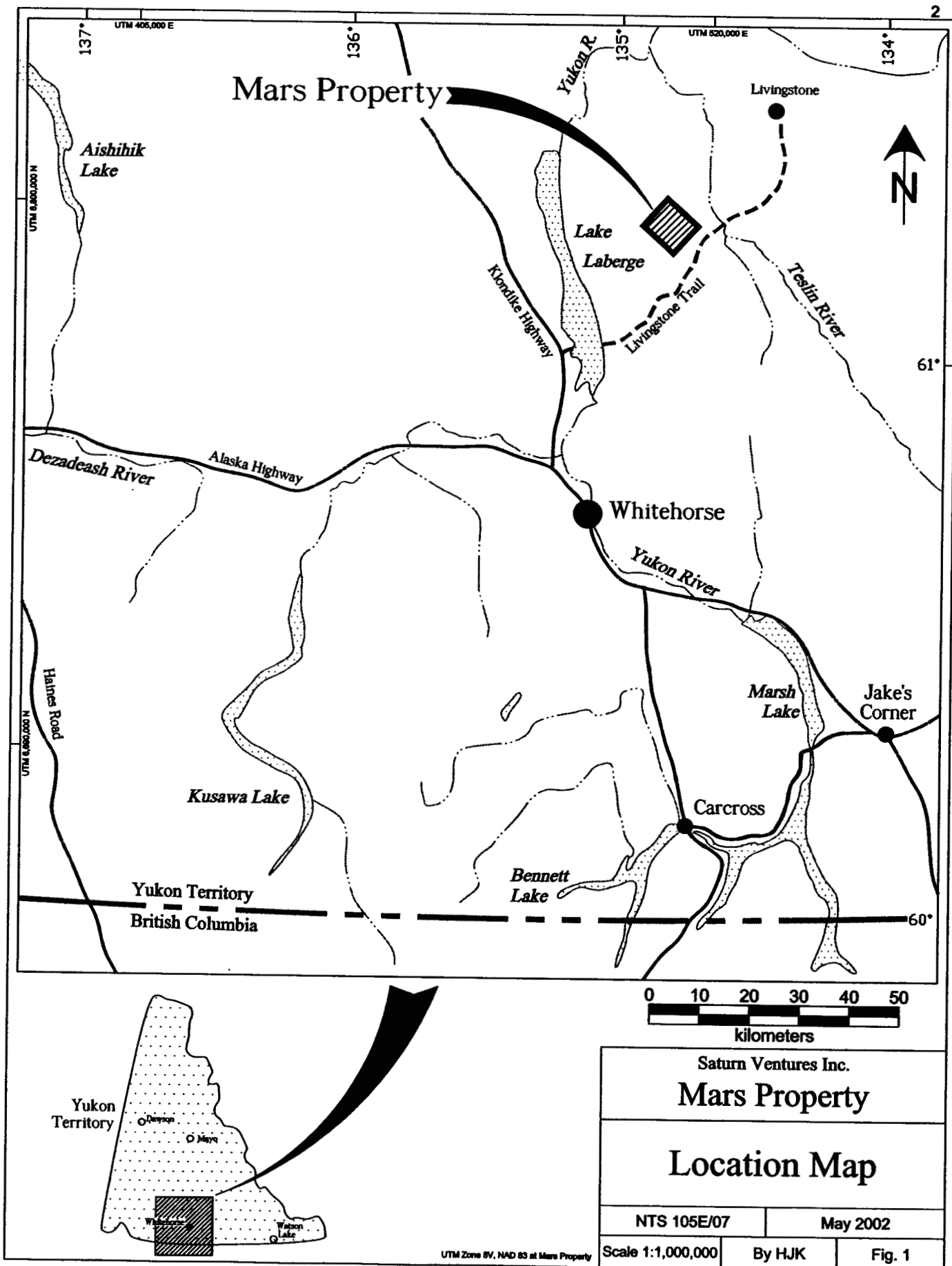
PROPERTY

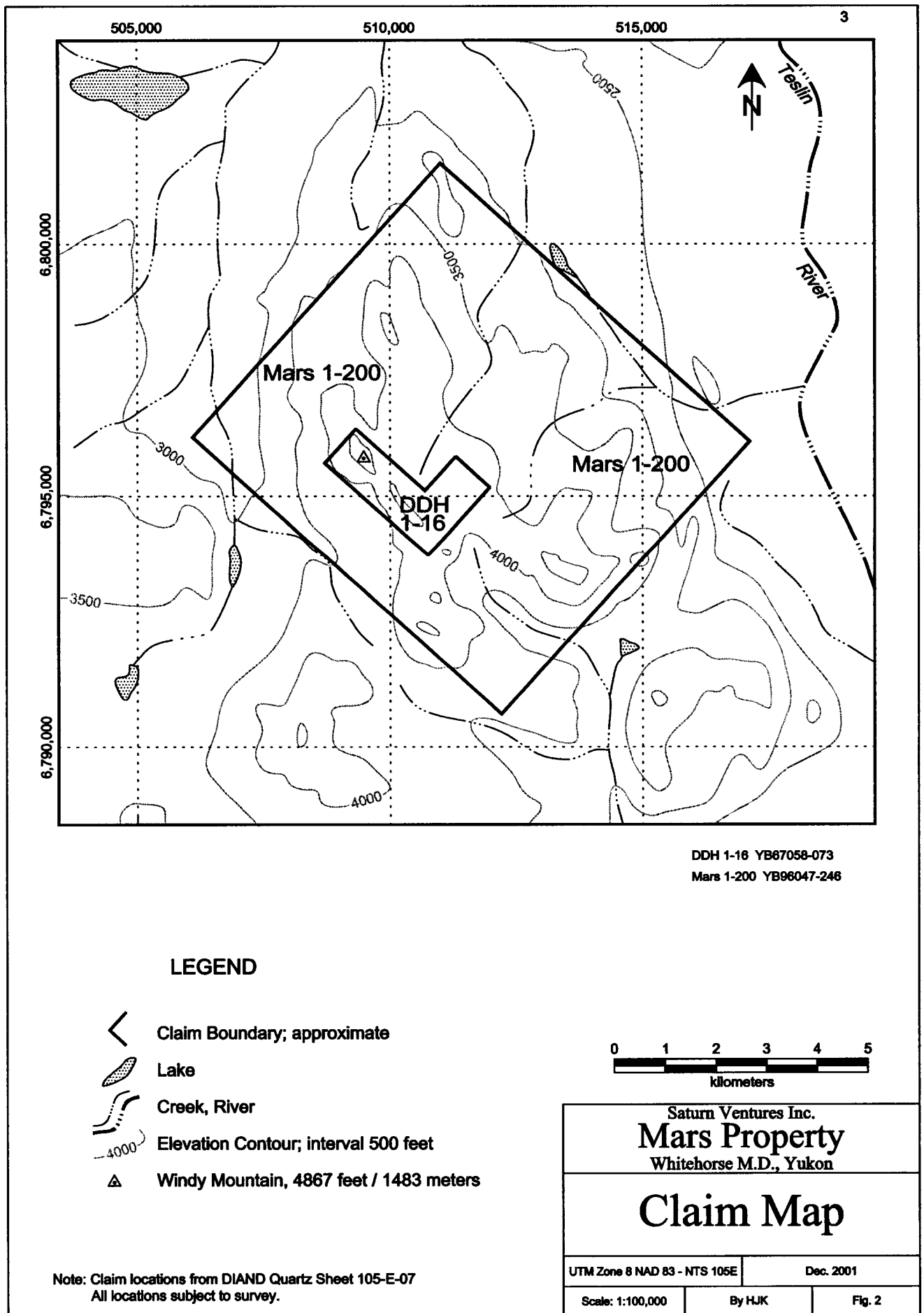
The property consists of 216 contiguous unsurveyed two-post mineral claims (Figure 2) covering approximately 4,500 hectares. The claims were staked in accordance with the *Yukon Quartz Mining Act*, and are owned 50% each by Brian R. Sauer and R. Allan Doherty. They are subject to an option agreement dated September 4, 2001 with Saturn Ventures Inc., whereby Saturn has the right to earn a 100% interest in the ground. They are located within the Whitehorse Mining District and are shown on Northern Affairs Program Mineral Rights Map 105-E-07. Claim data, as listed with the Whitehorse Mining Recorder on 30 October, 2001, are shown below:

<i>Claim Name</i>	<i>Grant No.</i>	<i>Recording Date</i>	<i>Expiry Date *</i>
DDH 1-16	YB67058-67073	June 7, 1996	June 7, 2004
Mars 1-200	YB96047-96246	July 16, 1996	July 16, 2004

* subject to acceptance of assessment work carried out in 2001

The DDH 1-16 and Mars 1-200 claims are collectively known as the Mars Property.





HISTORY

Placer gold was discovered in the Livingstone Creek area, 25 kilometers to the east of the Mars Property, in the late 1800's. The Mars Property area was most likely prospected during that time, however there are no records of mineral discoveries prior to 1971.

The earliest recorded bedrock exploration on the ground now covered by the Mars property was in 1971, when United Keno Hill Mines Ltd., in a joint venture with Falconbridge and Canadian Superior, carried out a regional helicopter-supported stream sediment geochemical survey that led to the discovery of copper-molybdenum mineralization. United Keno Hill carried out soil geochemistry and geological mapping (Pangman and VanTassell, 1972, and Pangman, 1973), and the ground was allowed to lapse after 1973.

Based on United Keno Hill's data, A. Doherty and B. Sauer re-evaluated the ground in 1996 as an alkalic porphyry copper-gold target (Doherty, 1996). Their work identified highly anomalous gold values associated with the previously identified copper mineralization, which promptly led to the ground being staked and optioned to Camdan Exploration Inc. of Whitehorse (Walton, 1997). Camdan staked additional claims and carried out rock sampling and ground magnetics in 1996, and optioned the Property to Placer Dome Canada Ltd. in 1997 (Wark, 1998).

Placer Dome carried out an intensive program of grid construction, ground geophysics, airborne geophysics, rock and soil geochemistry, petrographics, hand trenching, and geological mapping in 1997 (Wark, 1998). Despite encouraging results and drilling being recommended (Wark, 1998), Placer Dome dropped their option in 1998, and title of the ground eventually reverted back to A. Doherty and B. Sauer. All of the Placer Dome data are available to Saturn Ventures.

In 2001, Saturn Ventures acquired an option on the Property, and carried out additional grid construction, soil and rock geochemistry, hand trenching, and prospecting.

CLIMATE, TOPOGRAPHY, AND VEGETATION

Climate in the area of the Mars Property is typified by warm summers and cold winters. Precipitation is low, about 40-60 cm annually. The Property is normally free of snow from late May to late September. Permafrost is locally present in poorly drained north-facing slopes.

The Mars Property is located within a physiographic region known as the Lewes Plateau, an area of moderate to rugged topography. The most prominent topographic feature is a northwest trending ridge informally called Windy Mountain. Relief on the Property is about 550 meters, with the highest point at about 1,483 meters above sea level.

Vegetation consists of stunted but mature black spruce, willow, birch, and alder below 1,300 meters, with alpine grasses and mosses at higher elevations.

The area was affected by Pleistocene glaciation, and glacial till is common. Glacial directions are not known. Outcrops are limited to ridges and deeply incised drainage channels. Overburden is locally rich in organics, especially at lower elevations.

REGIONAL GEOLOGY

Much of the Canadian Cordillera is a composite of crustal fragments, or terranes, of uncertain origin which accreted to the western margin of ancient North America during the middle Jurassic. The Mars Property is located in northern Stikine Terrane (Wheeler, et al, 1991), the largest terrane in the Intermontane of the central Cordillera. At this latitude, Stikine Terrane consists of upper Triassic volcanic arc rocks and arc-derived sedimentary rocks of the Lewes River Group and middle Jurassic arc-derived sedimentary rocks of the Laberge Group (Figure 3), collectively up to seven kilometers thick (Tempelman-Kluit, 1984). Stikine Terrane is bounded to the east by Yukon Tanana Terrane along the Teslin Suture Zone (Teslin Fault) and to the west by the Coast Plutonic Complex.

The upper Triassic Lewes River Group comprises a lowermost augite porphyritic basalt sequence, unconformably overlain by a limestone member with intercalated argillite, greywacke, and mudstone with a characteristic reddish color. The Jurassic Laberge Group consists of coarse polymictic cobble and boulder conglomerate, siltstone, and argillite, and includes the Tanglefoot and Conglomerate Formations. The Tantalus Formation is dominated by conglomerate and is an overlap assemblage with minor coal seams. The regional geology has been adequately described by Bostock and Lees (1938), Tempelman-Kluit (1984), and Gordey and Makepeace (2000).

An isolated pluton, the Teslin Crossing Pluton, and associated dikes and sills, were intruded into Lewes River and Laberge Group rocks during the mid Jurassic North American accretion. This igneous event does not seem to be part of an extensive plutonic suite (Hart, 1997).

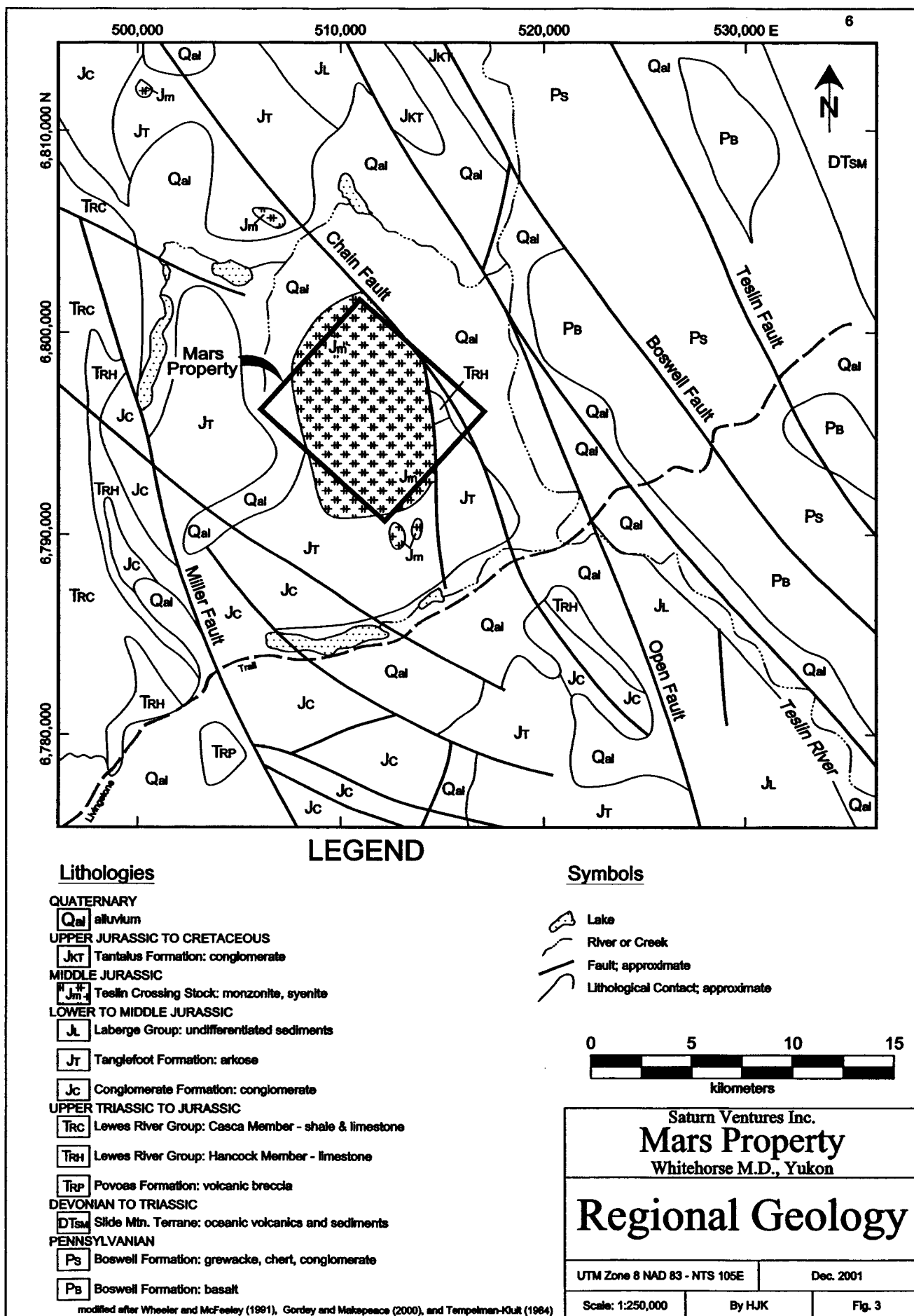
Structure of the Mars Property area is strongly influenced by multiple northwest trending, dominantly right lateral, regional strike-slip faults including the Teslin Suture Zone. The dominant trend of local structures, including bedding attitudes, fabric and fractures, in both Jurassic and older strata and intrusive rocks, is northwest.

EXPLORATION MODEL

The Mars Property is located within the North American Cordillera, an area that has historically produced the vast majority of North America's copper from porphyry-style deposits. Gold-rich porphyry copper deposits in the Canadian Cordillera are associated with Triassic and Jurassic alkalic intrusives within Stikine and Quesnel Terrane accreted rocks. However, gold-rich alkalic porphyry copper deposits are not known in far northern British Columbia and Yukon (McMillan et al, 1995). Table 1 shows the economic significance of alkalic, gold-rich, porphyry copper deposits in the central and southern Canadian Cordillera.

Table 1. Pre-Production Size and Grade of Selected Alkalic Gold-Copper Porphyry Deposits in British Columbia. Modified from McMillan, 1991.

Name	Size 10 ⁶ t	Cu %	Au g/t
Afton – Ajax	66	0.77	0.56
Mount Polley	82	0.30	0.42
Kerr	114	0.61	0.27
Lorraine	9.1	0.70	0.34
Mount Milligan	417	0.22	0.49
Red-Chris	793	0.34	0.30
Copper Mountain	32	1.08	0.19
Similco	141	0.47	0.13
Galore Creek	125	1.06	0.4



Gold-rich porphyry copper deposits share many geotectonic characteristics with gold-poor porphyry copper deposits. They are both emplaced in volcano-plutonic arcs in a variety of tectonic settings, within primitive oceanic to evolved cratonic crust in either extensional or compressional tectonic regimes. However, gold-rich deposits are usually associated with composite porphyry stocks of steep, cylindrical form that commonly intrude coeval volcanic piles. Host rocks are almost invariably of calc-alkalic and alkalic chemistry. Only gold-rich deposits accompany alkalic stocks (Sillitoe, 1993) and contain significantly more hydrothermal magnetite than gold-poor porphyry deposits.

PROPERTY GEOLOGY

Previous geological mapping (Pangman and VanTassell, 1972 and Wark, 1998) on ground now comprising portions of the Mars Property (Figure 4) has been hampered by extensive overburden and deeply weathered bedrock.

Exposures of early to mid Jurassic (Hart, 1997) monzonite and syenite have been mapped in most of the central part of the Mars property. Based on the exposures, relative ages, and rock types identified in felsenmeer and overburden, an elliptical, zoned, intrusion known as the Teslin Crossing Pluton has been delineated (Figure 4). The pluton covers an area of about 6 x 8 kilometers elongated along a northwest trend. It consists of a lithologically and texturally complex central phase, a porphyritic border phase, and associated dike swarms and sill complexes (Hart, 1997 and Wark, 1998). The central phase is characterized by pink, medium to coarse-grained, equigranular monzonite and syenite while the border phase is dominated by porphyritic monzodiorite to monzonite (Hart, 1997). Pyroxene and hornblende, and pyroxenite xenoliths, are common in both phases, while only the border phase contains sedimentary xenoliths. Locally there are zones of brecciation and potassic alteration (Pangman, 1973).

Geochemically, the pluton contains 3.1 – 4.3% K₂O, 6.2 – 7.4% Na₂O, 60 – 68% SiO₂, and minor normative quartz and therefore it can be classified as alkalic (Hart, 1997). The pluton is generally metaluminous but more evolved phases are slightly peraluminous (Hart, 1997). K-Ar dating on hornblende and biotite range from 186 to 164 Ma (Tempelman-Kluit, 1984 and Hart, 1997).

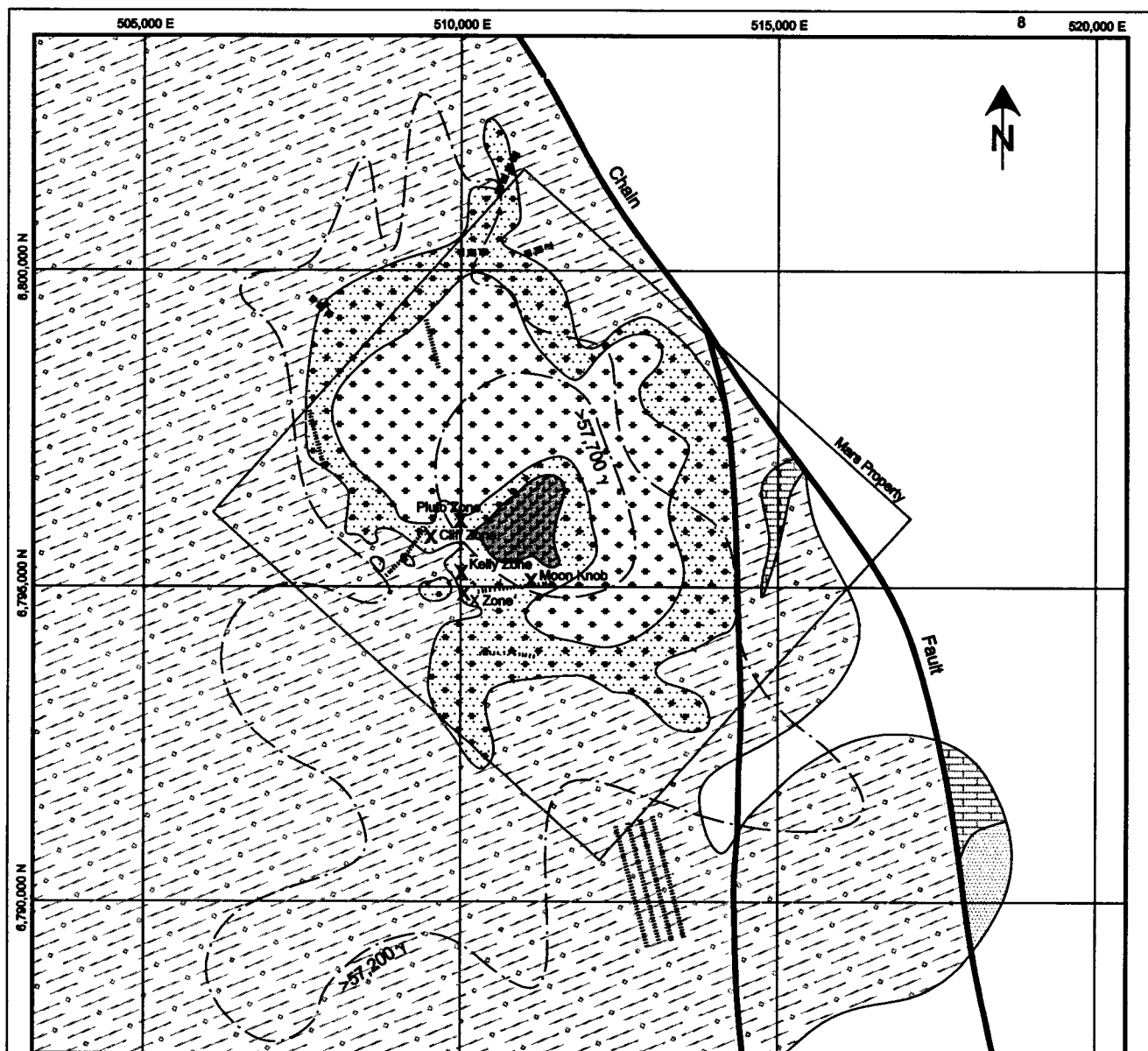
The pluton intrudes fissile, carbonaceous, variably limy shale and siltstone with lesser, thin cherty sandstone and arkose beds. These strata are assigned by Tempelman-Kluit (1984) to the middle Jurassic Tanglefoot Formation, although Hart (1997) suggests they may be slightly older. The eastern margin of the pluton is faulted against sediments of the Tanglefoot Formation as well as older limestone, shale, and siltstone of the Triassic Lewes River Group. All of the strata appear to dip steeply away from the pluton (Wark, 1998).

An inlier of reddish-brown weathering, locally porphyroblastic, phyrlic dacite to trachyandesite (Wells, 1998) has been mapped near the center of the Teslin Crossing Pluton (Wark, 1998). This unit has locally strong carbonate alteration (Wells, 1998). These volcanics may comprise a sequence of reworked tuff and represent either a coeval volcanic pile into which the Teslin Crossing Pluton intruded, or high-level volcanics associated with the intrusive event.

MINERALIZATION

The earliest reported mineralization on ground now covered by the Mars Property was in 1971 when United Keno Hill Mines identified porphyry-style copper mineralization ranging up to 0.53% copper (Pangman and VanTassell, 1972) in the area of the current X Zone. The possibility of gold mineralization was not addressed until 1996 (Doherty, 1996).

Following exploration programs in the 1970's and 1990's, bedrock copper mineralization, with variable gold, has been identified at Cliff Zone, Moon Knob, Pluto Zone, and X Zone (Figure 5). A new zone of mineralization thought to be boulders identified in 1997 (Kelly Boulder - Wark, 1998) was the location of hand trenching in 2001. The trenching identified bedrock mineralization at the same location, now called the Kelly Zone.



LEGEND

Lithologies

- Mafic Dike
- Felsic Dike
- Qal: alluvium
- Jm equivalent?: volcanic tuff and porphyry
- Jm: equigranular central phase monzonite and syenite
- Jm: porphyritic border phase monzonite
- JT: shale, siltstone, and sandstone
- TRH: limestone
- TRC: shale, siltstone, and sandstone

Symbols

- Mineral occurrence
- Fault, approximate
- Lithological Contact, approximate
- Isomagnetic Contour, simplified



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Mars Property
 Whitehorse M.D., Yukon

Geology

UTM Zone 8 NAD 83 - NTS 105E

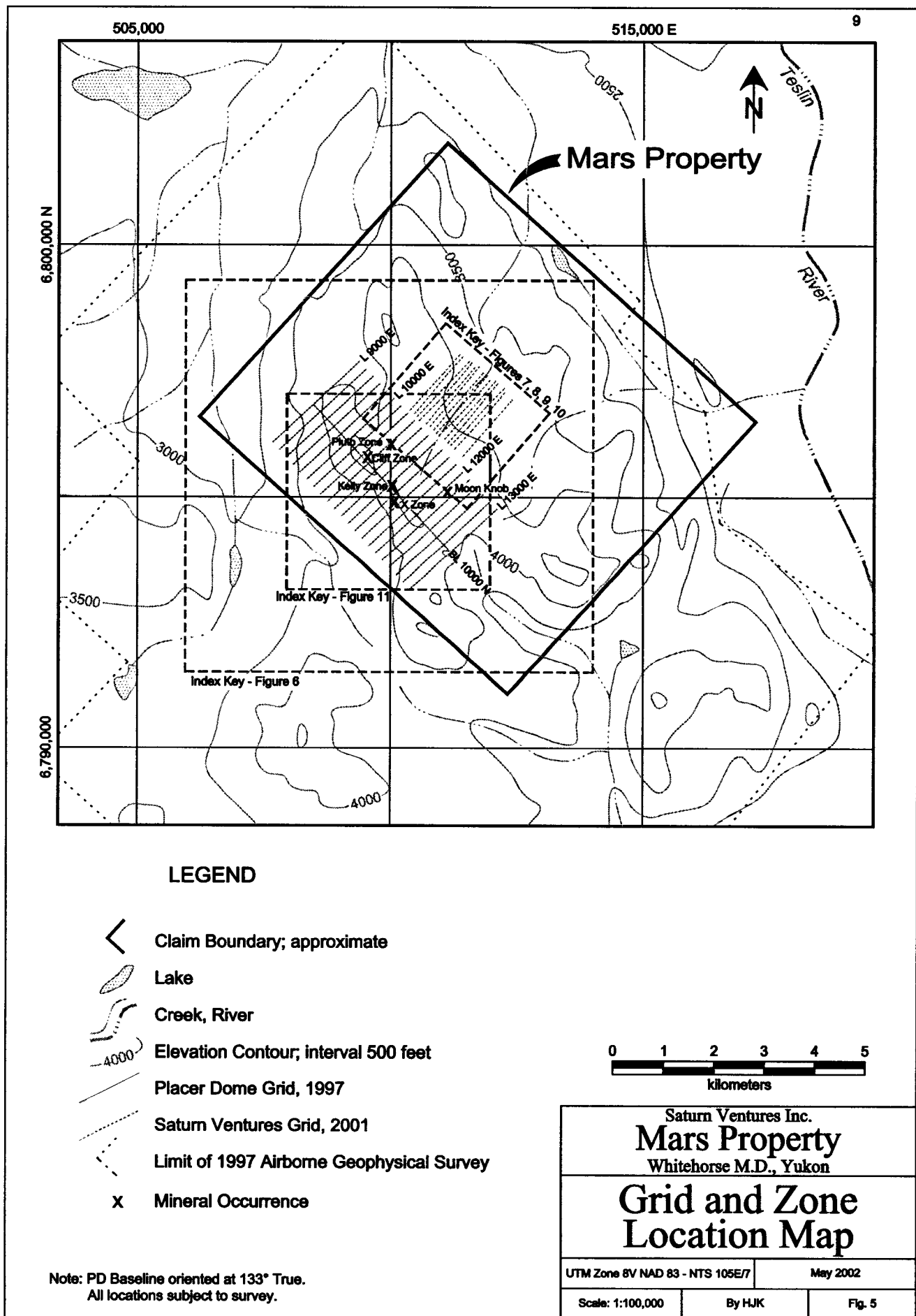
Dec. 2001

Scale: 1:100,000

By HJK

Fig. 4

Note: Data modified after Wark 1998, Killin 1997, Hart 1997, & Pangman 1973
 All locations subject to survey.



All of the zones are hosted in granitoid rocks within the Teslin Crossing Pluton, near the center of the Mars Property. They collectively represent an area of 1000 x 1800 meters of discontinuous, porphyry-style, copper-gold mineralization in an area with less than 5% bedrock exposure. Even where bedrock is exposed, the rock is commonly well fractured and deeply weathered, making recognition of primary minerals, alteration patterns, and structures difficult. All of the zones are geologically and geochemically similar. Mineralized exposures are restricted to higher elevations (over 1350 meters), possibly reflecting the lack of exposure at lower elevations. The X Zone and Cliff Zone are the best exposed due to their location near ridge crests.

The mineralized zones consist of irregular and stockwork quartz, carbonate, and quartz-carbonate veining up to 50 cm in width. Where recognizable, the veins appear to trend northwest and dip steeply. The veins locally contain variable amounts of magnetite, pyrite, chalcopyrite, bornite, malachite, azurite, and limonite, although these minerals also are found as disseminations and associated with fractures and breccias without veining. Magnetite is by far the most abundant metallic mineral and locally reaches concentrations of up to 15% especially in breccias. Rare scheelite and fluorite were noted by Pangman and VanTassell (1972).

The earliest report of anomalous gold within the Teslin Crossing Pluton was in 1996 when reconnaissance sampling by prospector Brian Sauer returned values up to 4,790 ppb (Doherty, 1996). Sampling by Placer Dome in 1997 (Wark, 1998) returned values of up to 2,000 ppb gold (Pluto Zone) and 6,600 ppm copper (Moon Knob). Composite sampling by Placer Dome across a five meter hand trench at the X Zone returned 202 ppb gold and 2,998 ppm copper. Selective grab sampling by the writer in 2001 of porphyry-style malachite-azurite-bornite-quartz-carbonate mineralization at the X Zone returned up to 240 ppb gold and 17,000 ppm copper (separate samples).

Based on geochemical results of over 300 rock samples collected on the Property since 1996, there does not seem to be very good correlation between the highest gold values and the highest copper values. Gold is mostly associated with, but not restricted to, zones of magnetite mineralization. In addition to gold and copper, the mineralized zones are variably anomalous in silver, molybdenum, and barium.

All of the mineralized zones display potassic and less common carbonate, albitic and argillic alteration (Walton, 1997, and Wells, 1998). Oxidized and relatively unweathered potassic altered rocks are juxtaposed along fractures, suggesting that a certain amount of faulting post-dates the mineralizing and alteration event(s).

GEOCHEMISTRY

Over 3,000 rock and soil samples have been collected on ground now covered by the present Mars Property by exploration programs in 1971, 1972 (Pangman and VanTassell, 1972), 1996 (Walton, 1996 and Doherty, 1996), 1987 (Wark, 1998), and 2001. The 1970's work was directed exclusively at locating copper-molybdenum mineralization, and gold was not determined. The first gold analyses were performed in 1996 (Doherty, 1996).

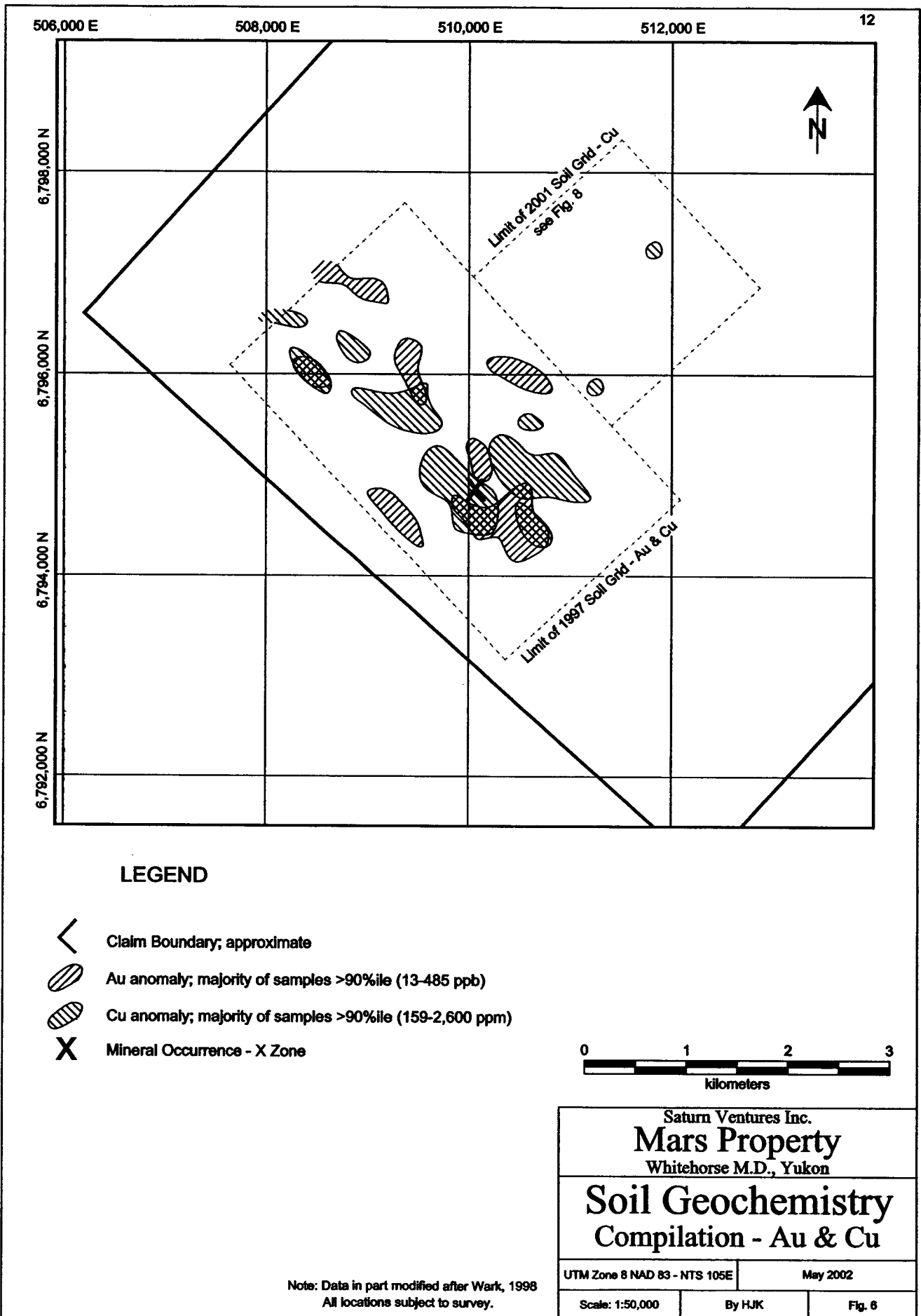
Preliminary work in 1996 showed that some samples collected immediately adjacent to known zones of bedrock gold-copper mineralization did not return anomalous gold or copper values. Doherty (1996) attributed this to possible glacial scouring and poorly developed soil horizons. A compilation of geochemical results (Wark, 1998) is shown on Figure 6.

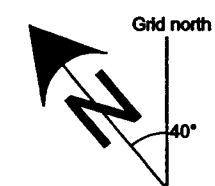
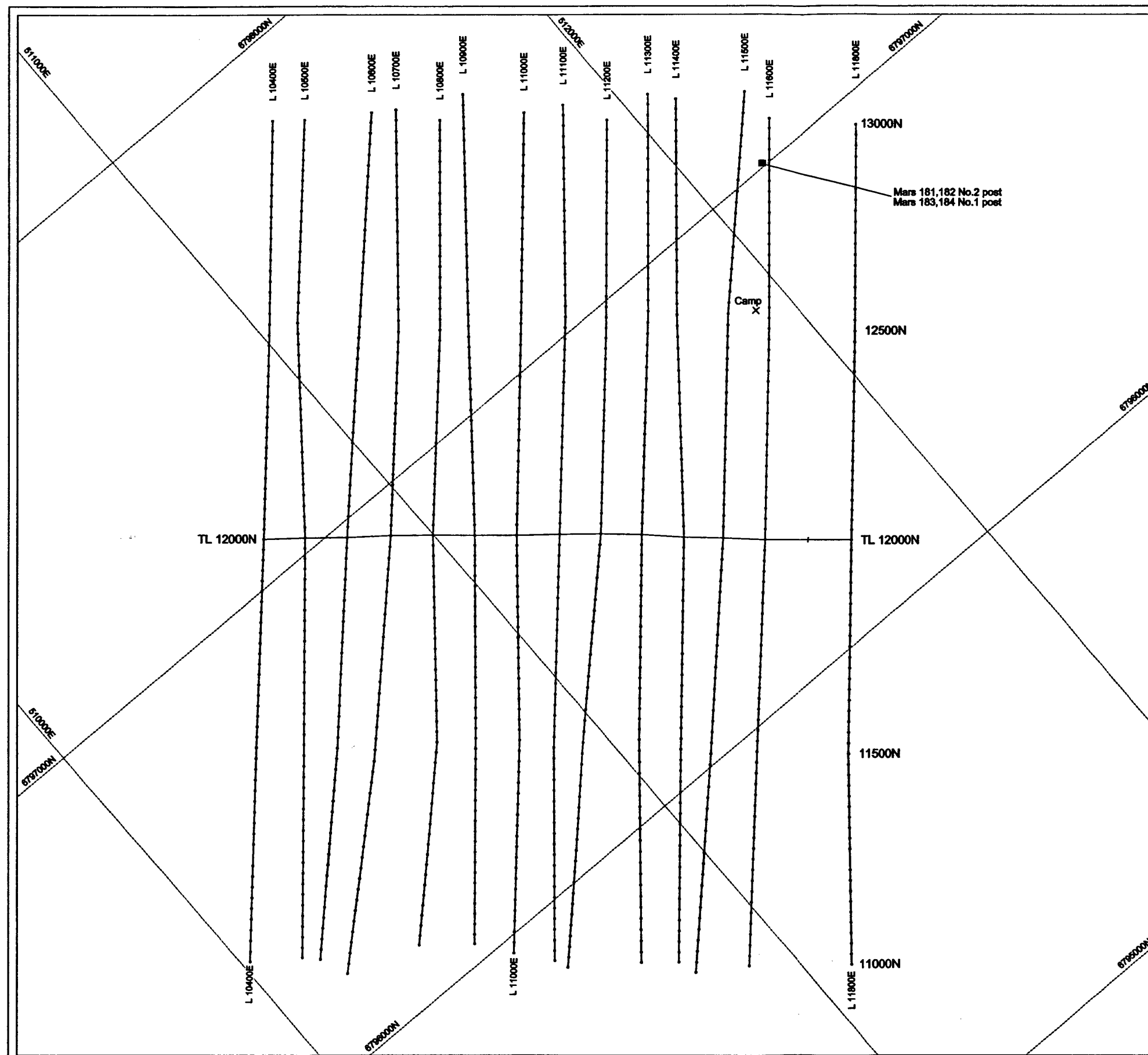
In 2001, Saturn Ventures collected 107 rock samples and 1,026 soil samples from the Mars Property for multi-element geochemical analyses. Geochemical results for soil and rock samples are shown in Appendix A, and rock sample descriptions are shown in Appendix B.

Soils were collected from a grid covering 2.8 km² adjacent to, and northeast of, the 9.2 km² grid completed by Placer Dome in 1997 (Figure 7). Samples were collected on lines spaced 100 and 200 meters apart, with sample spacings at 25 meters. Samples were collected using a mattock from the 'B' horizon, where possible, with depths ranging from 15 to 30 centimeters. The samples were sieved to -150 mesh (Tyler screen) and analyzed for multiple elements including copper and zinc by Acme Analytical Laboratories in Vancouver. Gold analyses were not performed on the 2001 soil samples. Analyses were performed by ICP-Emission Spectrometry with lower detection limits for gold at 2 ppm (rocks only), copper at 1 ppm, and zinc at 1 ppm. Results for copper are shown on Figure 8, zinc on Figure 9, and copper/zinc ratios on Figure 10. About 20% of the Mars Property has been covered by multi-element, grid based, soil geochemistry.

Anomalous gold and copper values in soil are restricted to the southwestern part of the grid, and follow a northwest trend (1997 results). However, the apparent distribution of anomalies may be influenced by the limited sampling area, and also by extensive overburden in the northeast part of the grid. Known bedrock mineralization at and near the X Zone lies within an area of anomalous gold and copper values in soil. Additional anomalies of similar magnitudes to the southeast, west, and northwest do not have a known local bedrock source. The anomalies cover a strike length, although somewhat discontinuously, of almost four kilometers, and are open to the northwest and possibly to the southwest and southeast. The grid area covered in 2001 did not return any significant areas of anomalous copper or zinc values.

A compilation of geochemical data with significant geological and geophysical data is shown as Figure 11.





INSTRUMENT and SURVEY SPECIFICATIONS

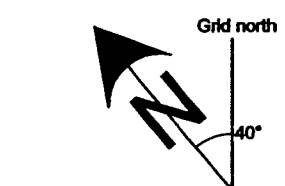
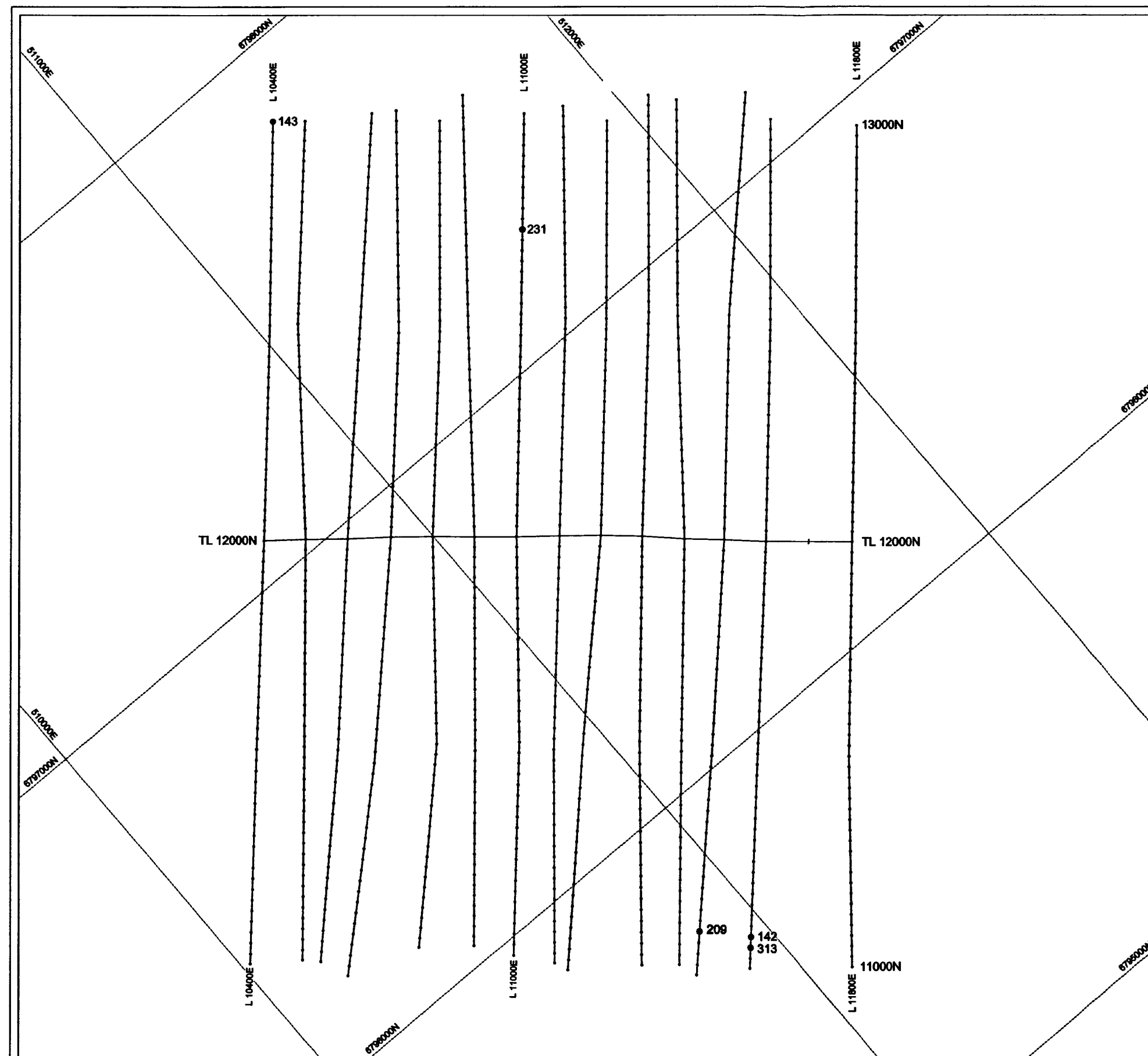
GPS: TRIMBLE GEOEXPLORER 3 with EXTERNAL ANTENNA
 Post Processed using TRIMBLE PATHFINDER OFFICE SOFTWARE
 Reference Station: Geographic Data, Dease Lake, B.C.
 Operator: Timothy Young
 Compass lines 30° declination
 Hipchained 25m stations
 TL 11000N, 11000E start point 1997 Placer Dome grid
 Cross lines surveyed at 11000N, 11500N, 12000N, 12500N and 13000N
 Tie lines surveyed at 100m stations.



Saturn Ventures Inc.
Mars Property
 Whitehorse M.D., Yukon

2001 Soil Geochemistry Grid Map

UTM Zone 8V NAD 83	NTS 105 E/07	May 2002
Scale: 1:10,000	By TAY/HJK	Fig. 7



LEGEND

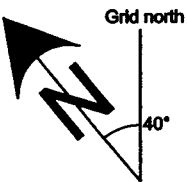
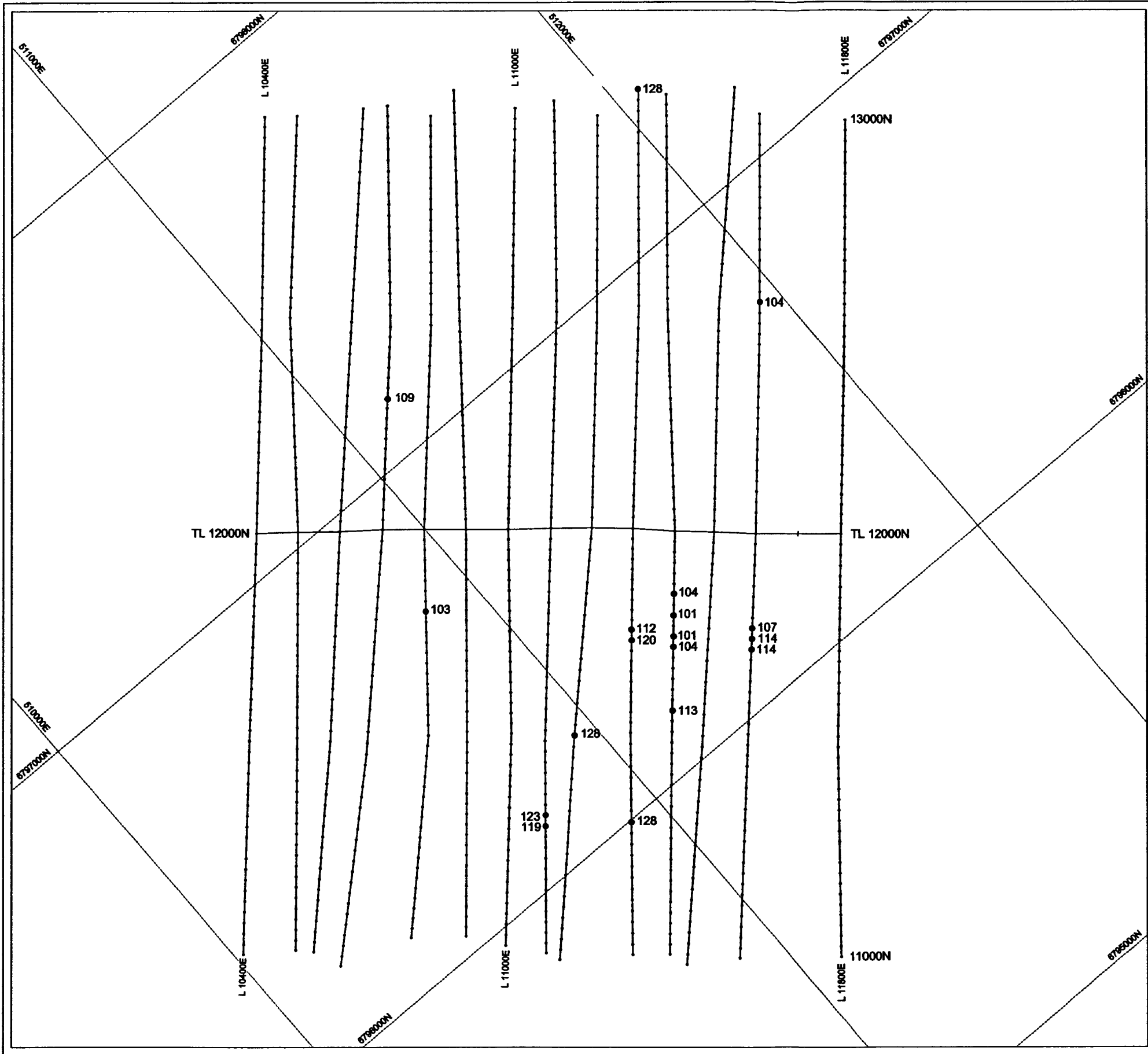
- Cut grid line showing sample locations
- 209 Sample value > 100 ppm Cu



Saturn Ventures Inc.
Mars Property
 Whitehorse M.D., Yukon

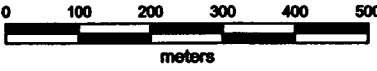
2001 Soil Geochemistry
Cu ppm

UTM Zone 8V NAD 83	NTS 105 E/07	May 2002
Scale: 1:10,000	By TAY/HJK	Fig. 8



LEGEND

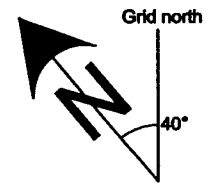
- Cut grid line showing sample locations
- 114 Sample value > 100 ppm Zn



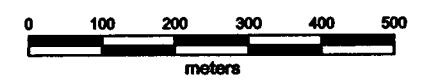
Saturn Ventures Inc.
Mars Property
Whitehorse M.D., Yukon

2001 Soil Geochemistry
Zn ppm

UTM Zone 8V NAD 83	NTS 105 E/07	May 2002
Scale: 1:10,000	By TAY/HJK	Fig. 9



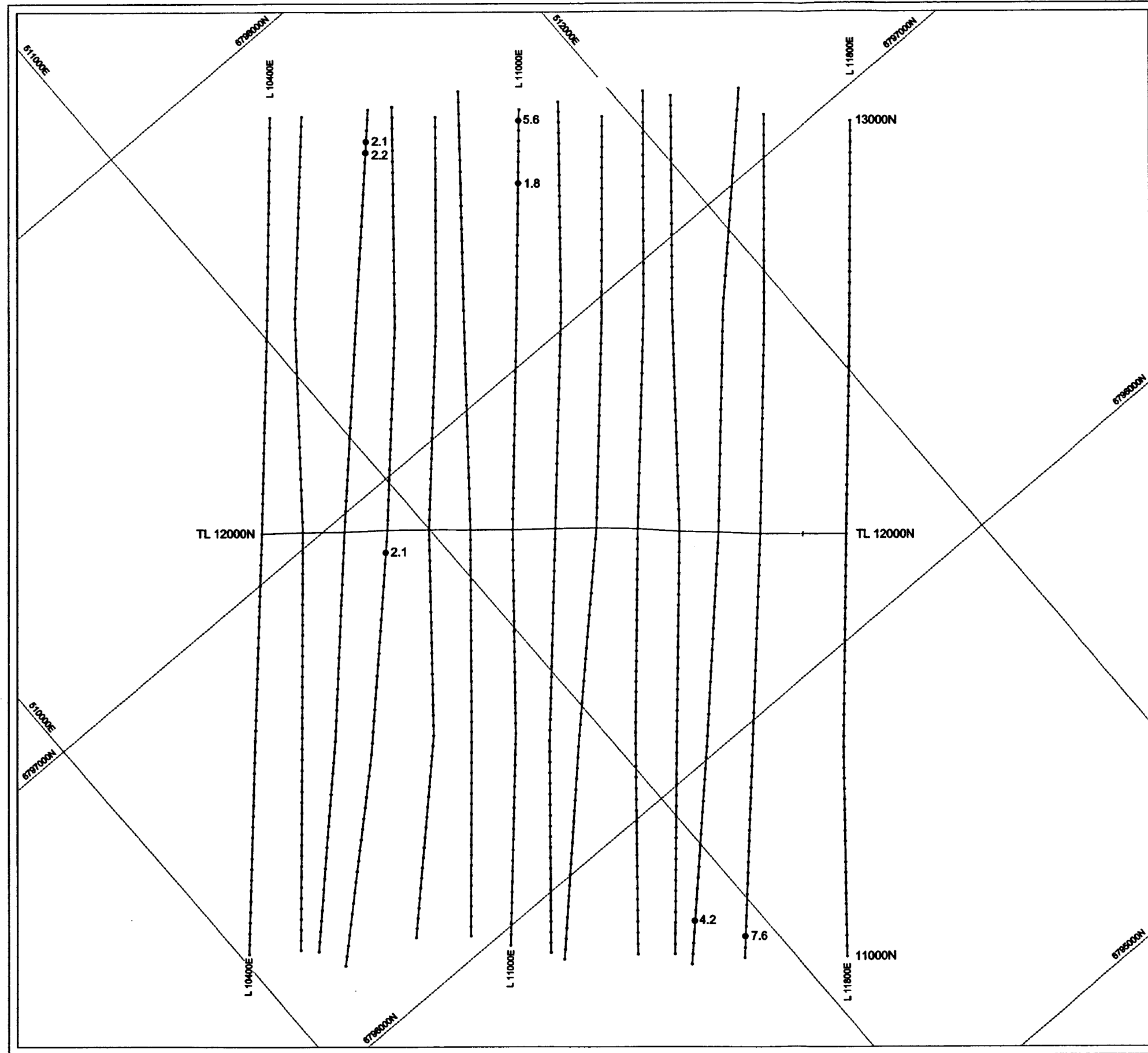
- | Cut grid line showing sample locations
- 5.6 Cu/Zn ratio > 1.8 (Cu ppm/Zn ppm)

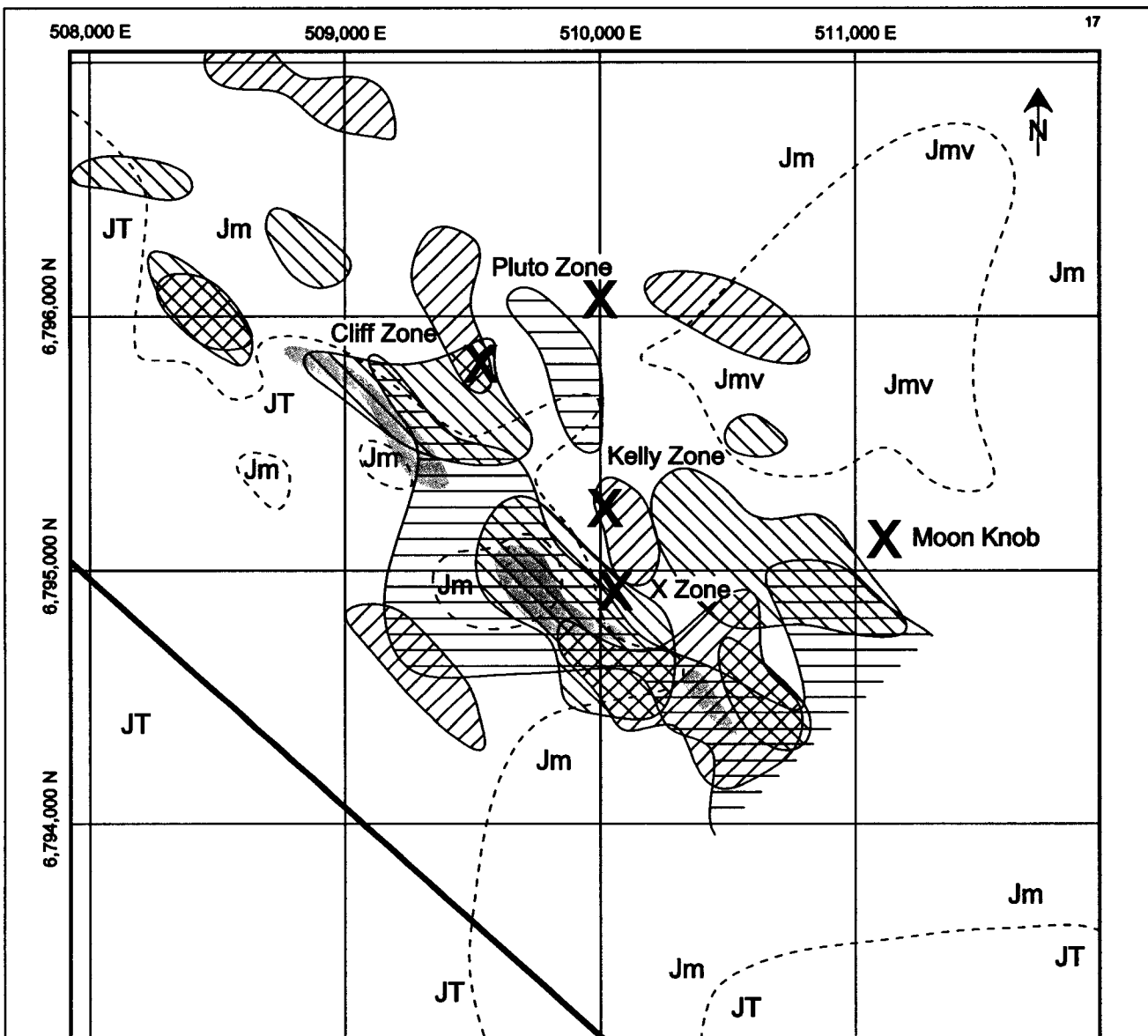


Saturn Ventures Inc.
Mars Property
Whitehorse M.D., Yukon

2001 Soil Geochemistry
Cu/Zn Ratio

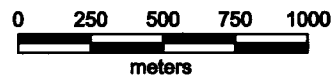
UTM Zone 8V NAD 83	NTS 105 E/07	May 2002
Scale: 1:10,000	By TAY/HJK	Fig. 10





LEGEND

- Claim Boundary
- Resistivity Low; approximate
- Chargeability Anomaly; approximate
- Anomalous Au in Soil; approximate
- Anomalous Cu in Soil; approximate
- Mineral Occurrence
- Lithological Contact; approximate
- Jmv** Volcanic tuff and porphyry
- Jm** Monzonite and syenite
- JT** shale, arkose, and sandstone



Saturn Ventures Inc. Mars Property Whitehorse M.D., Yukon		
Geological, Geophysical & Geochemical Compilation Map		
UTM Zone 8 NAD 83 - NTS 105E	July 2002	
Scale: 1:25,000	By HJK	Fig. 11

Note: Data modified after Power 1997 and Wark 1998
 All locations subject to survey

CONCLUSIONS AND RECOMMENDATIONS

The Mars Property is a copper-gold porphyry prospect. It is underlain by a Jurassic syenite pluton intruding sedimentary rocks of Stikine Terrane. The pluton has alkalic chemistry and is zoned with a porphyritic border phase. An inlier of altered tuff within the pluton may represent a coeval volcanic pile related to the plutonic event. The geological setting is consistent with known alkalic copper-gold porphyry deposits and mines, and is therefore interpreted to be suitable for hosting an alkalic copper-gold porphyry deposit.

Exploration work carried out to date on the Mars Property has identified anomalous gold and copper concentrations in soil and rock samples in the area of the X Zone and Cliff Zone. Rock samples have returned up to 17,000 ppm copper and 4,790 ppb gold from multiple, poorly exposed, zones of fractured syenite with irregular quartz, carbonate, and magnetite veining. Known mineralization, and anomalous geochemistry and geophysics, is spatially related to the southwest margin of the alkalic intrusive. All data suggest porphyry-style mineralization with a strong northwest structural control. There is an excellent geological, geochemical, and geophysical database available from previous exploration programs.

Rock and soil geochemistry completed to date shows that zones of anomalous copper and gold closely coincide, but not perfectly. More importantly, the highest values of copper in rock samples have only been slightly anomalous in gold, and the best gold results have not been associated with copper values exceeding 4,000 ppm. This presents the possibility that potential zones of gold mineralization have not yet been recognized because rock sampling has focused on visible sulfide and/or oxide concentrations. Although gold and copper anomalies in soil are both present in the same area on a property scale, and partly overlap, most of the anomalous populations of copper and gold are distinctly separate. This observation could reflect different dispersions for copper and gold in the weathering environment, but is more likely caused by gold-rich zones in bedrock spatially independent of copper-rich zones.

Due to highly variable topography, weathering, effects of glaciation, and extensive, locally frozen, overburden, especially at lower elevations, results of soil geochemical surveys are somewhat inconclusive. Known bedrock mineralization is generally located within areas of anomalous gold-copper geochemistry near the prominent ridge crest, and to the southwest side of the ridge. Anomalous zones extend along a strike length of four kilometers, double the strike length of known mineralization. Therefore, additional mineralization is indicated along strike. No anomalous areas were identified in the grid area sampled in 2001, possibly due to extensive overburden.

High order magnetic and induced polarization chargeability-resistivity anomalies closely coincide with the location of known bedrock mineralization in the X Zone – Cliff Zone area. The anomalies extend along a strike length of over two kilometers in a mostly overburden-covered area, suggesting that the mineralized zone(s) is larger than what is exposed at surface. Results of exploration work on the Mars Property are indicative of gold-bearing, porphyry-style, copper mineralization in an alkalic pluton. The most attractive known targets are in the X Zone – Cliff Zone area. Based on these results, further exploration work consisting of data compilation and interpretation followed by diamond drilling is warranted on the Mars Property.

Respectfully submitted;



July 9, 2002

Harmen J. Keyser, P.Geol.

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STATEMENT OF QUALIFICATIONS

I, Harmen J. Keyser, hereby certify that:

1. I am an independent consulting geologist with residential address 191 Grandview Heights, Gibsons, British Columbia, V0N 1V3, Telephone 604 886 8821.
2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981).
3. I have been employed as a geologist on a full-time and part-time basis continuously since 1978.
4. I am a Licensee of the Northwest Territories Association of Professional Engineers, Geologists, and Geophysicists (L1034).
5. I am the author of this report on the Mars Property, which is based on my personal examination of the Property on October 4, 2001, on data supplied to me by Northern Natural Resource Services Ltd., and on data from referenced sources.
6. I have no direct or indirect interest in the properties or securities of Saturn Ventures Inc., nor do I expect to receive any.
7. This report is to be used to satisfy assessment requirements only.



July 9, 2002

Harmen J. Keyser, P.Geol.

STATEMENT OF COSTS

The following expenses were incurred as assessment credits on the Mars property in 2001:

A. Fieldwork

Brian Sauer, Prospector & Project Manager, of Edmonton, Alberta Sept. 11 – Oct. 10, 2001; 30 days @ \$300/day:	\$ 9,000.00
Marc Elson, Assistant, of Gabriola Island, BC Sept. 10 – Oct. 1, 2001; 21 days @ \$200/day:	4,200.00
Timothy Young, Prospector & Surveyor, of Vancouver, BC Sept. 10 – Oct. 10, 2001; 31 days @ \$250/day:	7,750.00
Andrew Moran, Prospector, of Vancouver, BC Sept. 10 – Oct. 10, 2001; 31 days @ \$250/day:	7,750.00
Heiko Mueller, Geologist, of Whitehorse, Yukon Oct. 4 – Oct. 10, 2001; 7 days @ \$250/day:	1,750.00
Harold MacDonald, Camp Manager, of Sparwood, BC Sept. 10 – Oct. 11, 2001; 32 days @ \$200/day:	6,400.00

B. Geochemistry

107 rock samples and 1,026 soil samples, multi-element analyses Acme Analytical Laboratories Ltd., Vancouver, BC:	9,204.88
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C. Support Costs

Helicopter Charter Trans North Helicopters, Whitehorse, Yukon:	10,522.05
Groceries, Camp Supplies, Field Supplies, Rentals:	44,453.91
Total 2001 Assessment Valuation:	<u>\$ 101,030.84</u>

These costs are to be applied to the following claims:

Claim Name	Grant No.	New Expiry Date
DDH 1-16	YB67058-67073	June 7, 2004
Mars 1-200	YB96047-96246	July 16, 2004

Note: data supplied by Northern Natural Resource Services Ltd.

APPENDIX A

Analytical Results

AA

GEOCHEMICAL ANALYSIS CERTIFICATE

AA

Northern Natural Resources Services File # A103935 Page 1

901 - 1030 Burnaby St., Vancouver BC V6E 1N8 Submitted by: Mike Elson

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	5	37	.4	3	3	517	1.76	<2	<8	<2	6	84	<.2	<3	<3	36	.57	.089	9	16	.51	232	.13	3	.92	.15	.54	2
L10400E 13000N	7	143	25	97	<.3	32	17	845	3.91	28	9	<2	7	51	<.2	<3	3	151	.71	.119	24	43	.94	702	.09	<3	1.78	.02	.13	2
L10400E 12975N	5	37	26	70	<.3	24	11	437	3.12	14	<8	<2	4	39	<.2	3	<3	97	.21	.058	10	37	.72	167	.08	4	1.48	.02	.11	2
L10400E 12950N	8	20	28	51	<.3	12	7	289	1.85	9	<8	<2	2	35	<.2	<3	3	72	.25	.043	9	29	.54	191	.08	4	.87	.01	.10	<2
L10400E 12925N	3	17	10	36	<.3	17	6	162	1.63	5	<8	<2	4	36	<.2	<3	3	51	.54	.081	12	34	.49	290	.06	3	.99	.02	.06	<2
L10400E 12900N	6	13	10	48	<.3	9	4	124	1.56	10	<8	<2	<2	40	<.2	<3	<3	53	.58	.096	8	26	.47	184	.07	<3	.75	.03	.06	<2
L10400E 12850N	2	39	9	68	.3	26	13	445	2.69	9	<8	<2	4	36	<.2	<3	<3	66	.51	.081	16	36	.66	349	.06	<3	1.38	.02	.09	<2
L10400E 12825N	4	73	16	70	<.3	15	7	277	3.07	19	<8	<2	2	46	<.2	<3	3	130	.45	.058	8	36	.54	722	.10	<3	1.32	.02	.13	2
L10400E 12800N	3	54	19	56	<.3	14	5	195	2.34	13	<8	<2	2	34	<.2	3	<3	105	.27	.041	7	34	.52	463	.13	<3	.95	.02	.12	<2
L10400E 12775N	1	43	12	66	<.3	19	9	310	3.51	13	<8	<2	3	26	<.2	<3	<3	106	.26	.030	9	43	.67	293	.11	<3	1.58	.02	.13	<2
L10400E 12750N	1	24	16	59	.5	25	9	274	3.02	9	<8	<2	4	16	<.2	<3	<3	73	.20	.029	10	38	.61	316	.08	3	1.91	.02	.07	2
L10400E 12725N	2	18	12	45	<.3	18	8	268	2.33	7	<8	<2	3	27	<.2	<3	<3	64	.40	.040	10	33	.60	440	.07	<3	1.18	.02	.07	<2
L10400E 12700N	1	57	27	65	<.3	29	10	297	2.44	6	<8	<2	3	52	<.2	<3	3	61	.68	.068	19	36	.64	824	.05	<3	1.47	.02	.08	2
L10400E 12675N	1	37	10	56	<.3	29	11	375	2.71	10	<8	<2	3	28	<.2	<3	<3	65	.34	.044	13	36	.73	735	.06	<3	1.53	.02	.08	<2
RE L10400E 12675N	1	36	7	57	<.3	29	12	378	2.71	7	<8	<2	3	28	<.2	<3	<3	64	.34	.044	13	39	.74	738	.06	<3	1.55	.02	.08	<2
L10400E 12650N	1	19	11	48	<.3	16	7	312	2.31	8	<8	<2	3	25	<.2	<3	<3	67	.31	.050	11	34	.53	391	.06	<3	1.18	.02	.06	<2
L10400E 12625N	2	28	13	50	<.3	20	8	304	2.67	8	<8	<2	3	33	<.2	<3	<3	74	.37	.059	12	32	.55	714	.04	<3	1.43	.02	.06	<2
L10400E 12600N	2	43	34	63	<.3	21	10	359	2.62	11	<8	<2	2	34	<.2	<3	<3	73	.36	.074	21	31	.48	1026	.02	<3	1.66	.02	.06	<2
L10400E 12575N	2	29	10	60	<.3	22	10	376	2.93	10	<8	<2	2	22	.2	3	<3	80	.20	.036	9	37	.60	500	.05	<3	1.50	.02	.07	<2
L10400E 12550N	3	23	11	53	<.3	28	7	281	2.79	8	<8	<2	2	21	<.2	<3	<3	85	.18	.044	8	34	.63	461	.05	<3	1.56	.02	.05	<2
L10400E 12525N	2	26	21	75	<.3	19	8	314	3.31	9	<8	<2	3	15	.3	<3	<3	98	.15	.027	10	44	.63	469	.09	<3	2.37	.01	.05	2
L10400E 12500N	1	25	17	58	<.3	22	8	260	3.26	9	<8	<2	2	20	.2	<3	<3	94	.18	.038	8	38	.66	352	.05	<3	1.98	.01	.08	2
L10400E 12475N	2	29	14	73	<.3	25	10	472	3.08	11	<8	<2	2	24	.2	<3	<3	82	.21	.052	9	38	.68	488	.05	<3	1.68	.02	.10	<2
L10400E 12450N	2	36	25	58	<.3	24	10	364	2.88	10	<8	<2	2	23	<.2	<3	5	79	.21	.024	11	39	.70	592	.06	<3	1.86	.02	.11	<2
L10400E 12425N	2	35	12	50	<.3	22	9	277	2.38	9	<8	<2	2	32	<.2	<3	<3	63	.34	.049	13	33	.58	591	.03	<3	1.31	.02	.08	<2
L10400E 12400N	2	35	15	68	<.3	25	17	897	2.88	11	<8	<2	2	40	.3	<3	<3	76	.49	.082	10	35	.72	347	.06	3	1.13	.03	.17	<2
L10400E 12375N	2	40	9	45	<.3	24	9	632	1.92	5	<8	<2	2	66	.2	<3	<3	51	1.03	.045	9	33	.53	532	.05	4	1.18	.02	.09	<2
L10400E 12350N	2	30	8	54	<.3	22	10	1075	2.53	7	<8	<2	3	51	<.2	<3	<3	66	.75	.100	13	32	.60	485	.05	<3	1.06	.03	.08	<2
L10400E 12325N	1	30	11	50	<.3	27	10	316	2.01	5	<8	<2	4	55	<.2	<3	<3	59	.81	.063	13	38	.66	852	.07	<3	1.19	.03	.08	<2
L10400E 12300N	1	39	15	74	<.3	29	14	362	2.27	4	<8	<2	3	66	.2	<3	<3	69	.78	.088	14	32	.70	609	.04	3	1.20	.03	.08	2
L10400E 12275N	2	20	<3	21	<.3	9	5	750	2.69	4	8	<2	<2	99	.2	<3	<3	19	1.60	.126	6	8	.10	384	.01	<3	.53	.04	.02	<2
L10400E 12250N	5	28	9	80	<.3	23	12	1032	5.04	21	<8	<2	3	55	.3	<3	<3	68	.86	.096	13	36	.61	524	.04	3	1.26	.03	.07	2
L10400E 12225N	1	33	12	66	<.3	26	10	278	2.31	5	<8	<2	3	55	.4	<3	<3	58	.85	.073	13	31	.57	415	.04	4	1.23	.03	.07	<2
L10400E 12150N	1	38	8	72	<.3	28	11	390	2.57	6	<8	<2	3	41	<.2	<3	<3	66	.59	.062	14	37	.66	386	.04	<3	1.44	.02	.08	<2
STANDARD DS3	9	129	36	158	<.3	36	12	832	3.22	31	8	<2	4	29	5.7	7	5	81	.56	.094	19	183	.61	156	.09	<3	1.71	.04	.18	6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.

UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: SOIL S150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 8 2001 DATE REPORT MAILED: Nov 28/01 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	2	<3	37	<.3	5	3	510	1.75	<2	<8	<2	5	69	<.2	<3	<3	36	.52	.089	8	10	.50	205	.12	<3	.77	.09	.46	3
L10400E 12125N	2	33	5	60	.3	24	9	445	2.38	6	<8	<2	<2	44	.2	<3	<3	58	.62	.075	12	28	.50	407	.03	<3	1.40	.02	.07	<2
L10400E 12100N	1	34	7	77	.6	30	14	443	3.18	11	<8	<2	3	37	.3	<3	3	83	.52	.072	13	36	.72	331	.05	4	1.63	.02	.08	2
L10400E 12075N	1	31	9	84	.3	23	9	351	2.51	6	<8	<2	2	49	.4	<3	<3	54	.69	.086	14	34	.59	432	.03	<3	1.52	.02	.07	2
L10400E 12050N	2	30	8	53	<.3	27	11	411	2.53	5	<8	<2	3	38	<.2	<3	<3	61	.53	.088	14	36	.65	351	.05	<3	1.39	.02	.07	<2
L10400E 12025N	2	29	8	55	<.3	22	14	969	2.49	6	<8	<2	2	42	<.2	<3	<3	57	.60	.090	13	29	.53	357	.04	<3	1.19	.02	.06	2
L10400E 12000N	1	19	10	77	<.3	19	7	264	1.89	4	<8	<2	2	47	.2	<3	<3	54	.66	.070	9	29	.56	340	.04	<3	1.12	.03	.07	2
L10400E 11975N	1	36	8	77	<.3	26	7	318	2.19	6	<8	<2	2	53	.2	<3	<3	55	.86	.092	14	30	.54	398	.03	3	1.21	.02	.07	2
L10400E 11950N	1	22	4	35	<.3	12	5	401	1.21	3	<8	<2	<2	54	<.2	<3	<3	30	.78	.087	8	16	.26	333	.02	<3	.79	.03	.04	<2
L10400E 11925N	<1	24	8	55	<.3	24	8	703	2.04	3	<8	<2	3	44	<.2	<3	<3	58	.67	.069	11	34	.62	439	.04	<3	1.41	.02	.06	<2
L10400E 11900N	1	25	13	65	<.3	23	8	342	2.08	6	<8	<2	2	49	.3	<3	<3	59	.69	.093	11	32	.61	476	.03	<3	1.24	.02	.06	2
L10400E 11875N	1	28	7	53	.3	19	8	786	1.81	4	<8	<2	<2	56	.2	<3	<3	47	.83	.105	10	24	.42	443	.02	<3	1.02	.03	.05	<2
L10400E 11850N	1	36	14	65	<.3	27	10	613	2.37	6	<8	<2	3	55	.3	<3	<3	68	.80	.084	13	31	.58	512	.04	<3	1.30	.03	.07	2
L10400E 11825N	2	29	6	54	.3	19	7	319	1.84	6	<8	<2	2	43	.2	<3	<3	53	.60	.079	10	23	.42	347	.04	<3	.90	.04	.06	<2
L10400E 11800N	1	27	7	52	<.3	20	8	408	1.65	4	<8	<2	<2	47	.2	<3	<3	47	.65	.076	10	22	.42	365	.03	<3	.97	.03	.06	<2
RE L10400E 11800N	1	31	9	54	<.3	21	7	426	1.72	5	<8	<2	<2	50	.2	<3	<3	50	.67	.082	10	26	.43	384	.03	<3	1.02	.03	.06	2
L10400E 11775N	1	37	13	73	<.3	29	10	509	2.62	9	<8	<2	3	42	.2	<3	<3	69	.53	.089	15	38	.65	535	.04	<3	1.58	.02	.09	2
L10400E 11750N	1	29	13	61	<.3	23	9	584	2.31	6	<8	<2	3	44	<.2	<3	<3	64	.61	.088	12	34	.54	394	.04	3	1.22	.03	.07	2
L10400E 11725N	1	38	8	66	.3	29	9	461	2.65	9	<8	<2	3	45	<.2	<3	<3	71	.62	.083	16	37	.64	611	.04	<3	1.53	.02	.08	<2
L10400E 11700N	1	49	14	80	<.3	28	11	441	2.77	10	<8	<2	3	45	.3	<3	<3	76	.63	.091	15	33	.59	707	.05	<3	1.27	.03	.09	2
L10400E 11675N	2	16	10	34	.3	10	4	154	1.48	4	<8	<2	<2	15	<.2	<3	<3	57	.13	.029	8	18	.26	145	.04	<3	.84	.02	.05	<2
L10400E 11650N	1	9	8	23	<.3	6	2	87	1.10	4	<8	<2	<2	14	<.2	<3	<3	46	.12	.023	8	11	.15	102	.04	<3	.82	.02	.04	<2
L10400E 11625N	1	13	9	38	.5	10	4	187	2.21	5	<8	<2	<2	16	<.2	<3	<3	66	.16	.028	8	25	.32	128	.06	<3	1.20	.01	.05	<2
L10400E 11600N	1	19	12	55	.3	19	7	275	2.94	9	<8	<2	3	19	.2	<3	<3	85	.18	.028	9	31	.50	186	.07	<3	1.58	.01	.08	2
L10400E 11575N	<1	13	11	46	<.3	14	6	237	2.48	5	<8	<2	3	15	.3	<3	<3	63	.18	.023	9	30	.42	139	.08	<3	1.32	.01	.08	2
L10400E 11550N	2	25	14	56	<.3	20	8	291	3.35	12	<8	<2	3	27	<.2	<3	3	99	.25	.036	7	30	.56	220	.06	<3	1.58	.01	.10	<2
L10400E 11525N	<1	15	6	18	.9	8	2	54	1.06	<2	<8	<2	<2	15	.2	<3	<3	24	.15	.116	6	14	.15	135	.01	3	.83	.02	.03	<2
L10400E 11500N	1	20	7	45	.4	15	6	228	2.44	5	<8	<2	2	21	<.2	<3	<3	63	.20	.046	10	29	.42	161	.05	<3	1.31	.01	.07	<2
L10400E 11475N	2	46	18	72	<.3	39	18	631	3.45	12	<8	<2	3	28	<.2	<3	<3	86	.30	.084	12	36	.75	351	.04	<3	1.88	.02	.09	2
L10400E 11450N	1	15	10	40	.3	14	6	250	2.25	5	<8	<2	3	15	<.2	<3	<3	59	.20	.027	10	29	.48	148	.07	<3	1.44	.01	.07	<2
L10400E 11425N	1	23	5	38	.4	12	5	179	1.91	5	<8	<2	<2	16	<.2	<3	<3	54	.13	.044	6	19	.30	157	.04	<3	.91	.02	.06	<2
L10400E 11400N	2	36	7	39	<.3	13	6	244	1.91	5	<8	<2	<2	17	<.2	<3	<3	52	.14	.066	10	19	.31	320	.02	<3	1.14	.02	.04	<2
L10400E 11375N	1	41	10	47	.3	24	8	238	2.71	9	<8	<2	3	24	<.2	<3	<3	71	.21	.065	10	29	.49	203	.04	3	1.62	.02	.05	2
L10400E 11350N	1	40	12	58	<.3	35	14	413	3.12	10	<8	<2	4	23	<.2	<3	<3	85	.19	.033	10	38	.71	406	.05	3	2.12	.02	.06	<2
STANDARD DS3	9	124	35	157	.3	35	12	823	3.20	30	8	<2	4	29	5.8	4	6	79	.55	.095	18	183	.61	150	.09	<3	1.72	.04	.18	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	2	<3	40	<.3	6	4	561	1.88	<2	<8	<2	5	73	<.2	<3	<3	39	.56	.098	8	15	.56	228	.13	<3	.84	.09	.52	3
L10400E 11325N	2	17	12	36	.3	11	5	275	2.47	6	<8	<2	2	18	.2	<3	3	80	.16	.026	9	27	.31	181	.06	<3	1.12	.01	.05	<2
L10400E 11300N	2	35	12	58	<.3	34	12	385	3.04	10	<8	<2	4	24	<.2	<3	<3	79	.22	.044	10	42	.66	391	.05	<3	2.01	.02	.06	<2
L10400E 11275N	4	53	14	60	<.3	29	12	443	2.88	13	<8	<2	2	44	<.2	<3	<3	75	.48	.091	12	30	.62	825	.03	<3	1.68	.02	.08	2
L10400E 11250N	3	40	11	31	.3	9	5	250	1.88	5	<8	<2	<2	24	<.2	<3	<3	78	.18	.051	9	21	.25	473	.02	<3	.86	.01	.06	<2
L10400E 11225N	3	33	15	66	<.3	14	8	470	2.73	15	<8	<2	3	21	.2	<3	4	105	.17	.049	8	25	.30	470	.03	<3	1.31	.01	.11	<2
L10400E 11200N	<1	12	<3	18	.3	7	5	116	1.05	2	<8	<2	<2	13	<.2	<3	<3	27	.17	.059	5	7	.16	131	.03	<3	.57	.03	.03	<2
L10400E 11175N	3	39	16	68	<.3	27	12	421	3.35	13	<8	<2	3	28	<.2	<3	4	86	.25	.068	9	33	.65	302	.03	<3	1.79	.02	.06	2
L10400E 11150N	2	19	11	60	<.3	17	7	339	2.50	7	<8	<2	2	20	.2	<3	<3	64	.23	.044	8	33	.50	171	.06	<3	1.27	.01	.08	<2
L10400E 11125N	2	47	12	68	<.3	23	9	384	2.48	5	<8	<2	<2	29	.2	<3	<3	60	.24	.132	12	30	.39	397	.02	<3	1.42	.01	.07	<2
L10400E 11100N	1	24	7	52	<.3	21	10	410	2.56	6	<8	<2	<2	28	<.2	<3	<3	58	.32	.045	11	38	.60	231	.05	<3	1.40	.02	.09	<2
L10400E 11075N	1	19	8	47	.3	14	7	288	2.48	3	<8	<2	<2	21	<.2	<3	<3	62	.21	.072	9	35	.47	178	.02	<3	1.65	.01	.06	<2
L10400E 11050N	2	26	12	52	<.3	20	8	294	3.40	12	<8	<2	<2	15	<.2	<3	<3	82	.12	.051	7	35	.49	125	.03	<3	1.88	.02	.07	<2
L10400E 11025N	1	13	7	36	<.3	12	5	190	2.04	6	<8	<2	<2	19	<.2	<3	<3	50	.21	.050	8	26	.37	92	.04	<3	1.20	.01	.06	<2
L10400E 11000N	1	40	11	68	<.3	36	17	596	3.25	16	<8	<2	3	23	<.2	<3	<3	71	.28	.067	12	47	.85	320	.06	<3	1.88	.02	.10	<2
L10500E 13000N	1	9	4	13	<.3	6	3	122	.89	<2	<8	<2	<2	30	<.2	<3	<3	29	.30	.033	5	10	.13	304	.04	<3	.53	.03	.03	<2
RE L10500E 13000N	1	8	5	14	.6	5	3	116	.85	3	<8	<2	<2	29	<.2	<3	<3	28	.29	.032	5	9	.13	289	.04	<3	.50	.03	.03	<2
L10500E 12975N	2	15	6	34	.3	23	8	261	2.12	6	<8	<2	3	27	<.2	<3	<3	51	.36	.050	11	37	.58	586	.06	<3	1.24	.02	.05	<2
L10500E 12950N	15	108	30	71	<.3	26	16	701	5.04	48	<8	<2	5	31	<.2	<3	<3	196	.24	.064	13	62	1.10	378	.11	3	2.33	.02	.12	<2
L10500E 12925N	4	56	12	55	<.3	22	10	303	2.38	9	8	<2	2	41	<.2	<3	<3	73	.46	.082	14	43	.81	313	.08	<3	1.28	.02	.10	2
L10500E 12900N	3	79	18	75	<.3	66	25	786	3.80	18	<8	<2	3	47	<.2	<3	<3	134	.88	.171	16	116	2.45	645	.22	7	2.08	.04	.71	<2
L10500E 12875N	1	43	16	51	<.3	47	18	476	2.55	11	<8	<2	2	42	<.2	<3	<3	88	.85	.164	14	87	1.87	394	.17	<3	1.56	.04	.39	<2
L10500E 12850N	2	8	6	13	<.3	5	2	75	.68	2	<8	<2	<2	19	<.2	<3	<3	28	.28	.023	5	8	.11	118	.03	<3	.41	.02	.03	<2
L10500E 12825N	8	54	14	70	<.3	28	13	445	3.77	30	<8	<2	3	28	.2	<3	<3	117	.25	.085	12	56	.80	179	.09	<3	1.65	.02	.12	<2
L10500E 12800N	2	29	11	44	<.3	22	8	235	2.40	9	<8	<2	2	29	.2	<3	<3	60	.44	.050	12	30	.49	272	.05	<3	1.29	.02	.07	<2
L10500E 12775N	2	28	9	51	.3	20	9	285	2.95	8	<8	<2	2	18	<.2	<3	<3	76	.20	.045	9	33	.54	184	.05	<3	1.57	.01	.07	<2
L10500E 12750N	2	31	16	53	<.3	19	7	269	3.14	11	<8	<2	2	18	.2	<3	<3	89	.24	.055	10	34	.58	263	.09	<3	1.53	.01	.08	<2
L10500E 12725N	2	20	12	44	<.3	15	6	247	3.38	14	<8	<2	2	13	<.2	<3	<3	120	.12	.025	7	28	.44	126	.11	<3	1.35	.01	.07	<2
L10500E 12700N	2	48	15	44	.3	15	6	185	2.67	10	<8	<2	<2	39	<.2	<3	<3	80	.57	.040	26	26	.40	1001	.04	<3	1.28	.02	.06	<2
L10500E 12675N	1	21	13	63	<.3	18	8	288	2.28	4	<8	<2	2	21	<.2	<3	<3	67	.27	.054	10	28	.60	261	.06	<3	1.22	.02	.08	<2
L10500E 12650N	2	22	10	64	<.3	17	10	330	3.28	6	<8	<2	2	19	.2	<3	<3	88	.22	.053	7	33	.64	221	.06	<3	1.46	.01	.06	2
L10500E 12625N	2	18	12	52	<.3	20	8	265	2.61	6	<8	<2	2	22	.3	<3	<3	77	.27	.028	8	34	.64	228	.06	<3	1.50	.02	.06	<2
L10500E 12600N	1	20	14	57	<.3	22	7	273	2.48	9	<8	<2	2	15	<.2	<3	<3	71	.18	.036	8	30	.55	181	.04	3	1.32	.01	.06	<2
L10500E 12575N	3	41	9	82	<.3	34	11	365	3.80	11	<8	<2	<2	26	.2	<3	<3	107	.31	.077	7	44	.84	349	.04	<3	1.99	.02	.07	2
STANDARD DS3	10	129	35	159	<.3	35	12	842	3.27	32	<8	<2	4	28	5.6	5	7	81	.55	.097	18	190	.61	152	.09	<3	1.70	.04	.17	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	3	<3	36	.3	5	4	485	1.65	<2	<8	<2	4	59	<.2	<3	<3	34	.49	.086	6	15	.49	192	.11	3	.70	.07	.43	2
L10500E 12550N	2	21	8	54	.3	20	8	306	2.36	10	<8	<2	<2	21	<.2	<3	<3	61	.23	.032	7	29	.47	360	.02	3	1.33	.01	.06	<2
L10500E 12525N	2	19	11	59	<.3	19	10	561	2.19	7	<8	<2	<2	28	<.2	<3	<3	63	.30	.059	7	29	.48	474	.02	3	1.25	.01	.09	<2
L10500E 12500N	1	25	11	41	<.3	14	9	858	1.77	3	<8	<2	<2	23	<.2	<3	<3	54	.21	.039	10	26	.26	729	.03	<3	.88	.02	.07	<2
L10500E 12475N	1	21	9	46	.3	21	8	302	2.28	10	<8	<2	3	27	<.2	<3	<3	59	.34	.024	8	32	.51	556	.03	6	1.24	.01	.10	<2
L10500E 12450N	1	13	10	37	<.3	10	6	391	1.55	4	<8	<2	<2	23	<.2	<3	<3	46	.25	.021	9	17	.22	663	.03	<3	.77	.02	.05	<2
L10500E 12425N	1	31	5	48	.3	26	9	254	2.15	7	<8	<2	2	31	<.2	<3	<3	56	.41	.035	17	33	.53	667	.02	3	1.28	.02	.06	<2
L10500E 12400N	2	58	10	57	.3	34	10	378	2.58	11	<8	<2	2	34	<.2	<3	<3	62	.50	.061	35	36	.58	992	.03	<3	1.41	.02	.07	<2
L10500E 12375N	1	41	8	53	.5	30	11	437	2.47	9	<8	<2	2	63	.2	<3	<3	58	.93	.062	13	38	.74	492	.05	5	1.33	.03	.08	<2
L10500E 12350N	1	30	8	49	<.3	27	10	276	2.44	8	<8	<2	3	31	<.2	<3	<3	59	.48	.047	13	36	.72	329	.06	<3	1.23	.02	.07	<2
L10500E 12325N	1	52	12	58	<.3	31	10	355	2.16	11	<8	<2	3	59	.4	<3	<3	63	.95	.071	15	38	.62	311	.04	3	1.16	.02	.07	2
L10500E 12300N	1	30	8	53	<.3	26	11	500	2.55	8	<8	<2	2	44	.2	<3	<3	67	.66	.046	8	34	.76	445	.07	<3	1.34	.02	.08	<2
L10500E 12275N	1	29	6	71	<.3	18	7	509	1.50	5	13	<2	<2	98	.3	<3	<3	34	1.50	.095	8	25	.38	580	.02	3	.99	.03	.05	<2
L10500E 12250N	1	28	11	92	<.3	23	10	904	2.36	9	<8	<2	<2	54	.4	<3	<3	57	.90	.086	12	33	.54	412	.03	<3	1.28	.02	.06	2
L10500E 12225N	<1	21	8	48	<.3	15	7	301	1.50	4	<8	<2	<2	37	.2	<3	<3	40	.66	.052	8	21	.31	288	.03	<3	.80	.03	.05	<2
L10500E 12200N	1	32	9	77	<.3	25	7	272	2.23	8	<8	<2	<2	46	.4	<3	<3	59	.75	.053	11	32	.48	385	.04	<3	1.24	.02	.06	2
L10500E 12175N	2	30	9	65	<.3	24	8	260	2.52	10	<8	<2	<2	29	<.2	<3	<3	69	.35	.032	7	30	.50	223	.02	<3	1.26	.01	.05	<2
L10500E 12150N	1	27	5	40	<.3	18	8	893	1.48	5	<8	<2	<2	71	.4	<3	<3	34	1.47	.103	9	21	.31	441	.02	<3	.99	.02	.04	<2
L10500E 12125N	<1	27	9	60	<.3	24	9	291	1.98	6	<8	<2	<2	49	.2	<3	<3	52	.82	.074	12	35	.53	443	.03	<3	1.36	.02	.06	<2
L10500E 12100N	1	22	6	50	<.3	18	8	247	1.90	6	<8	<2	<2	38	<.2	<3	<3	46	.69	.060	10	29	.41	303	.03	<3	1.01	.02	.05	<2
L10500E 12075N	<1	31	7	66	<.3	22	8	216	1.71	6	<8	<2	<2	50	.4	<3	<3	53	1.01	.073	11	29	.46	379	.03	<3	1.15	.02	.06	<2
RE L10500E 12075N	2	33	11	66	<.3	23	8	220	1.74	5	<8	<2	<2	52	.5	<3	<3	54	1.04	.075	12	30	.47	391	.03	<3	1.19	.02	.06	<2
L10500E 12050N	1	27	10	76	<.3	22	8	434	1.90	7	<8	<2	<2	47	.4	<3	<3	49	.70	.088	11	31	.49	404	.02	<3	1.28	.02	.06	2
L10500E 12025N	1	48	10	57	.3	29	11	349	2.23	7	<8	<2	<2	51	.3	<3	<3	54	.93	.088	15	33	.49	438	.02	<3	1.40	.02	.07	<2
L10500E 12000N	2	32	7	59	<.3	22	7	331	2.14	10	<8	<2	3	38	<.2	<3	<3	58	.55	.093	11	29	.51	213	.05	3	.81	.02	.06	<2
L10500E 11975N	<1	21	4	38	<.3	17	7	373	1.49	3	<8	<2	<2	31	.2	<3	<3	37	.47	.045	8	18	.32	227	.03	<3	.70	.03	.05	<2
L10500E 11950N	1	32	10	68	<.3	21	10	421	1.90	6	<8	<2	<2	54	.4	<3	<3	49	.93	.080	11	29	.50	407	.03	<3	1.14	.02	.06	2
L10500E 11925N	1	28	12	55	<.3	23	8	330	1.90	5	<8	<2	<2	41	.2	<3	<3	50	.63	.070	12	32	.55	381	.03	<3	1.19	.02	.06	<2
L10500E 11900N	1	32	7	48	<.3	20	7	334	1.85	5	<8	<2	<2	44	<.2	<3	<3	51	.69	.088	12	25	.45	403	.03	<3	1.07	.03	.05	<2
L10500E 11875N	2	38	9	61	<.3	26	8	355	2.17	9	<8	<2	2	51	.2	<3	<3	59	.76	.090	14	32	.54	420	.04	<3	1.16	.03	.07	<2
L10500E 11850N	1	38	11	50	.4	21	6	313	1.83	7	<8	<2	<2	58	<.2	<3	<3	48	1.07	.089	13	27	.43	458	.03	<3	1.10	.03	.06	<2
L10500E 11825N	1	31	4	43	<.3	19	7	547	1.38	4	<8	<2	<2	54	.3	<3	<3	37	1.04	.080	10	20	.34	446	.02	<3	.85	.03	.05	<2
L10500E 11800N	1	41	10	61	<.3	27	10	1138	2.10	7	<8	<2	2	59	.2	<3	<3	58	.95	.082	18	29	.51	619	.03	<3	1.18	.03	.06	2
L10500E 11775N	2	44	10	59	.3	27	10	444	2.36	9	<8	<2	3	63	.3	<3	<3	66	1.12	.072	14	33	.58	444	.03	<3	1.26	.03	.07	<2
STANDARD DS3	10	126	37	160	.5	37	12	820	3.15	32	9	<2	4	27	5.6	6	6	78	.54	.093	18	186	.60	147	.08	3	1.72	.04	.16	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	3	<3	43	<.3	4	4	589	2.04	<2	<8	<2	6	83	<.2	<3	<3	42	.62	.099	9	16	.59	253	.13	<3	.97	.12	.56	3
L10500E 11750N	1	35	7	61	.4	25	10	486	2.34	9	<8	<2	4	59	.3	<3	<3	63	1.11	.085	11	31	.56	423	.04	5	1.22	.03	.07	<2
L10500E 11725N	1	23	6	41	.3	16	8	477	1.57	4	<8	<2	2	61	.3	<3	<3	42	.97	.073	9	22	.39	499	.03	<3	1.01	.03	.05	<2
L10500E 11700N	2	28	9	45	<.3	20	9	469	1.93	6	<8	<2	2	58	.2	<3	<3	55	1.01	.098	14	26	.45	560	.03	4	1.16	.04	.06	<2
L10500E 11675N	4	71	13	70	<.3	35	21	3133	2.91	11	<8	<2	2	65	.2	<3	<3	80	1.09	.129	30	39	.55	1187	.02	<3	1.90	.04	.07	<2
L10500E 11650N	2	34	13	69	<.3	19	12	888	2.36	7	<8	<2	<2	29	.5	<3	3	74	.31	.080	13	29	.45	303	.03	3	1.04	.02	.08	<2
L10500E 11625N	2	44	17	67	<.3	38	13	481	3.08	9	<8	<2	4	36	.3	<3	<3	81	.37	.070	15	40	.65	447	.04	3	2.12	.03	.09	2
L10500E 11600N	2	26	9	69	.6	27	12	427	2.94	9	<8	<2	4	22	.2	<3	<3	82	.25	.058	10	39	.67	176	.08	7	1.68	.02	.08	3
L10500E 11575N	1	14	8	39	.5	10	4	176	1.39	4	<8	<2	<2	22	<.2	<3	<3	42	.30	.031	6	20	.26	152	.03	<3	.77	.02	.06	2
L10500E 11550N	2	24	11	78	<.3	21	9	446	2.96	10	<8	<2	3	19	.4	<3	<3	87	.18	.039	9	34	.59	158	.07	3	1.40	.02	.10	<2
L10500E 11525N	2	24	13	50	<.3	17	8	286	2.34	6	<8	<2	2	20	.2	<3	<3	68	.20	.059	11	29	.40	209	.04	3	1.46	.02	.07	<2
L10500E 11500N	1	17	13	47	<.3	14	7	300	2.24	5	<8	<2	3	16	.4	<3	<3	58	.20	.047	12	33	.47	174	.07	<3	1.61	.01	.06	2
L10500E 11475N	1	22	11	36	.5	11	5	226	1.80	3	<8	<2	<2	28	.2	<3	3	57	.34	.045	10	25	.26	305	.03	<3	1.06	.01	.06	<2
L10500E 11450N	2	31	15	62	<.3	22	8	300	2.85	9	<8	<2	2	31	.3	<3	<3	91	.26	.043	10	31	.53	435	.04	3	1.50	.02	.08	<2
L10500E 11425N	2	34	16	70	<.3	30	11	404	3.49	13	<8	<2	3	32	.5	<3	<3	95	.30	.057	9	38	.68	284	.05	4	1.59	.02	.09	<2
L10500E 11400N	3	51	11	61	<.3	29	10	390	2.83	12	<8	<2	3	46	<.2	<3	<3	81	.55	.031	18	39	.66	510	.05	<3	1.57	.03	.07	2
L10500E 11375N	4	24	8	64	1.0	14	17	2714	2.23	4	<8	<2	<2	41	.5	<3	<3	61	.61	.204	11	32	.37	655	.01	3	1.63	.03	.05	2
L10500E 11350N	2	34	8	74	<.3	27	12	419	2.72	12	<8	<2	2	26	.3	<3	3	66	.31	.082	11	32	.60	228	.05	<3	1.23	.02	.08	<2
L10500E 11325N	2	35	14	63	<.3	29	12	478	2.86	10	<8	<2	2	42	.4	<3	<3	73	.53	.061	11	36	.64	492	.03	<3	1.58	.02	.24	<2
L10500E 11300N	1	18	4	30	<.3	12	5	164	1.40	4	<8	<2	<2	33	<.2	<3	<3	40	.51	.042	7	15	.30	375	.03	<3	.79	.04	.05	<2
L10500E 11275N	1	30	7	49	<.3	23	9	395	2.19	7	<8	<2	2	39	.2	<3	3	56	.45	.063	12	29	.54	580	.04	<3	1.28	.03	.08	<2
RE L10500E 11275N	2	31	10	49	.3	24	9	406	2.25	7	<8	<2	2	39	<.2	<3	<3	58	.46	.064	13	33	.56	595	.04	4	1.33	.03	.08	<2
L10500E 11250N	2	39	12	56	<.3	20	10	497	2.40	8	<8	<2	<2	48	.2	<3	<3	64	.63	.071	14	34	.57	738	.04	<3	1.36	.02	.08	2
L10500E 11225N	1	41	5	65	<.3	20	8	314	2.18	6	<8	<2	2	40	.4	<3	<3	62	.49	.084	12	36	.60	585	.03	3	1.47	.02	.08	2
L10500E 11200N	2	23	9	60	.3	12	7	433	1.65	4	<8	<2	<2	28	.6	<3	<3	59	.28	.069	8	19	.31	382	.03	4	.86	.03	.09	<2
L10500E 11175N	1	27	7	74	<.3	18	10	643	2.17	6	<8	<2	<2	53	.4	<3	4	59	.80	.075	10	28	.47	626	.03	4	1.13	.03	.10	<2
L10500E 11150N	2	30	7	71	<.3	27	9	391	2.51	9	<8	<2	3	34	.2	<3	3	64	.40	.050	11	33	.61	469	.05	<3	1.32	.02	.08	2
L10500E 11125N	2	49	10	74	.5	33	10	388	2.72	10	<8	<2	3	43	.4	<3	<3	68	.74	.082	18	39	.69	520	.05	3	1.51	.03	.11	2
L10500E 11100N	3	57	13	78	<.3	44	12	613	2.89	13	<8	<2	3	50	.4	<3	<3	72	.63	.091	19	46	.76	429	.05	<3	1.52	.03	.12	2
L10500E 11075N	2	37	8	64	<.3	28	11	501	2.78	11	<8	<2	3	36	.3	<3	3	71	.42	.094	16	37	.65	449	.05	<3	1.42	.02	.08	<2
L10500E 11050N	1	19	3	37	<.3	12	5	171	1.70	4	<8	<2	<2	16	.2	<3	<3	53	.13	.037	6	18	.28	179	.02	<3	.97	.02	.04	<2
L10500E 11025N	2	44	10	59	<.3	31	13	396	3.09	12	<8	<2	4	33	.5	<3	<3	83	.29	.065	12	37	.66	399	.04	4	2.08	.02	.08	<2
L10500E 11000N	2	45	13	76	<.3	42	18	536	3.58	13	<8	<2	3	27	.4	<3	<3	81	.28	.070	13	41	.83	373	.04	4	2.29	.02	.09	2
L10600E 13000N	5	14	14	33	<.3	15	5	175	1.79	5	<8	<2	3	23	.2	<3	<3	58	.37	.040	11	26	.47	324	.08	<3	1.13	.02	.06	<2
STANDARD DS3	10	123	34	161	.6	35	12	823	3.22	29	<8	<2	5	28	5.9	4	4	79	.55	.094	18	182	.61	155	.09	4	1.72	.04	.17	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	5	37	<.3	4	4	534	1.81	<2	<8	<2	4	76	<.2	<3	<3	37	.56	.095	8	12	.53	218	.12	<3	.83	.11	.52	2
L10600E 12975N	2	30	25	35	<.3	13	6	229	1.61	4	<8	<2	2	24	<.2	<3	<3	54	.36	.024	14	26	.37	614	.07	<3	.94	.02	.05	<2
L10600E 12950N	4	15	42	26	.3	12	5	216	1.94	5	<8	<2	3	24	<.2	<3	<3	68	.27	.021	12	25	.29	606	.07	3	1.04	.02	.05	<2
L10600E 12925N	4	80	20	39	<.3	14	8	343	2.63	7	<8	<2	3	36	<.2	<3	<3	80	.38	.047	19	26	.33	636	.04	<3	1.29	.02	.06	<2
L10600E 12900N	4	61	10	28	<.3	15	8	267	1.63	16	9	<2	<2	52	<.2	<3	<3	60	.95	.054	10	19	.42	492	.07	<3	.71	.04	.12	<2
L10600E 12875N	3	32	10	28	<.3	15	7	266	1.59	5	<8	<2	<2	57	<.2	<3	<3	49	.86	.056	11	29	.39	687	.04	3	.91	.02	.05	<2
L10600E 12850N	3	22	11	23	<.3	14	7	557	1.26	3	<8	<2	<2	57	<.2	<3	<3	33	1.00	.068	13	19	.33	1179	.03	3	.87	.04	.05	<2
L10600E 12825N	2	19	19	26	<.3	9	5	166	1.15	3	<8	<2	<2	41	<.2	<3	<3	35	.55	.042	10	17	.26	1066	.04	3	.73	.03	.05	<2
L10600E 12800N	2	24	11	31	<.3	13	5	141	1.43	5	<8	<2	<2	43	<.2	<3	<3	39	.59	.038	7	19	.32	724	.03	<3	.91	.03	.06	<2
L10600E 12775N	1	25	20	24	<.3	9	4	143	1.28	4	<8	<2	<2	22	<.2	<3	<3	37	.15	.018	8	15	.25	483	.05	<3	.70	.03	.05	<2
L10600E 12750N	1	11	14	42	<.3	10	6	282	1.75	4	<8	<2	<2	34	.2	<3	<3	60	.16	.059	8	23	.32	252	.06	<3	.78	.02	.06	<2
L10600E 12725N	<1	26	11	29	<.3	8	3	116	1.11	<2	<8	<2	<2	36	<.2	<3	<3	43	.46	.025	9	18	.11	618	.05	<3	.65	.02	.03	<2
L10600E 12700N	1	28	6	43	<.3	16	7	207	1.76	3	<8	<2	<2	36	<.2	<3	<3	50	.48	.081	9	26	.45	706	.03	<3	1.12	.03	.05	<2
L10600E 12675N	1	29	11	46	.4	9	4	133	1.41	4	<8	<2	<2	42	.5	<3	<3	45	.67	.034	7	20	.22	315	.04	<3	.80	.02	.07	<2
L10600E 12650N	<1	20	7	48	<.3	19	8	280	2.09	5	<8	<2	<2	32	<.2	<3	<3	57	.48	.052	9	31	.57	300	.04	<3	1.24	.02	.07	<2
RE L10600E 12650N	1	19	11	46	<.3	17	7	267	1.99	5	<8	<2	2	30	<.2	<3	<3	55	.46	.051	9	29	.55	279	.04	<3	1.16	.02	.07	<2
L10600E 12625N	1	28	8	45	<.3	14	5	212	1.79	4	<8	<2	<2	37	.3	<3	<3	59	.49	.040	8	17	.24	222	.02	<3	.91	.02	.05	<2
L10600E 12600N	1	44	7	62	<.3	18	22	2118	2.22	4	<8	<2	<2	52	.2	<3	<3	52	.70	.120	17	21	.21	338	.01	<3	1.26	.03	.04	<2
L10600E 12575N	1	39	7	46	<.3	19	10	489	2.18	5	<8	<2	<2	54	<.2	<3	<3	62	.87	.090	10	27	.52	446	.03	<3	1.29	.02	.07	<2
L10600E 12550N	1	25	10	51	<.3	21	9	306	2.25	5	<8	<2	<2	45	<.2	<3	<3	59	.63	.051	8	31	.63	314	.04	3	1.34	.02	.09	<2
L10600E 12525N	<1	31	8	42	<.3	17	8	300	1.80	4	<8	<2	<2	25	<.2	<3	<3	46	.28	.046	12	21	.31	224	.03	3	.97	.03	.06	<2
L10600E 12500N	<1	22	10	56	<.3	11	5	173	1.43	<2	<8	<2	<2	35	.3	<3	<3	47	.40	.025	7	20	.33	228	.04	<3	.82	.03	.08	<2
L10600E 12475N	1	29	13	42	<.3	22	10	1206	2.00	5	<8	<2	2	68	<.2	<3	<3	50	1.19	.070	10	27	.55	354	.04	<3	1.06	.03	.08	<2
L10600E 12450N	<1	20	5	27	<.3	13	6	292	1.24	2	<8	<2	<2	63	<.2	<3	<3	33	1.12	.079	6	16	.34	342	.03	<3	.75	.03	.04	<2
L10600E 12425N	1	21	6	37	<.3	15	6	258	1.64	3	<8	<2	<2	36	<.2	<3	<3	40	.56	.050	7	22	.41	183	.04	<3	.76	.03	.05	<2
L10600E 12400N	<1	21	7	45	<.3	19	8	263	1.99	4	<8	<2	2	23	<.2	<3	<3	52	.31	.033	8	26	.50	178	.04	<3	1.00	.02	.06	<2
L10600E 12375N	1	28	6	51	<.3	20	8	202	2.16	8	<8	<2	2	36	<.2	<3	<3	63	.57	.038	11	31	.58	363	.04	<3	1.24	.02	.06	<2
L10600E 12350N	1	24	11	61	<.3	17	8	292	1.73	2	<8	<2	<2	47	.2	<3	<3	52	.84	.036	7	24	.47	349	.03	<3	1.12	.03	.06	<2
L10600E 12325N	<1	73	11	65	.6	52	9	263	1.62	5	10	<2	<2	108	.7	<3	<3	43	1.84	.079	14	29	.45	455	.03	<3	1.08	.03	.06	2
L10600E 12300N	<1	19	6	22	<.3	10	4	163	1.08	2	<8	<2	<2	52	<.2	<3	<3	28	.93	.077	8	11	.25	227	.03	5	.64	.04	.04	<2
L10600E 12275N	<1	29	11	96	<.3	22	9	333	2.09	4	<8	<2	2	54	.2	<3	<3	51	.91	.085	12	31	.55	366	.03	<3	1.17	.02	.07	<2
L10600E 12250N	<1	22	10	62	<.3	19	8	500	2.06	5	<8	<2	2	48	<.2	<3	<3	49	.85	.077	11	26	.48	342	.03	3	1.07	.02	.05	<2
L10600E 12225N	1	29	11	79	<.3	22	12	1150	2.68	9	<8	<2	2	62	.2	<3	<3	61	1.08	.106	12	30	.54	447	.02	3	1.36	.02	.06	2
L10600E 12200N	<1	39	12	57	<.3	21	8	168	1.73	5	<8	<2	3	48	<.2	<3	<3	63	.74	.084	15	28	.52	345	.04	<3	1.08	.03	.06	2
STANDARD D53	9	129	34	160	<.3	35	13	843	3.26	31	9	<2	4	29	5.9	5	6	82	.56	.099	19	187	.62	154	.09	3	1.72	.04	.18	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	2	3	39	<.3	5	4	556	1.86	<2	<8	<2	4	74	<.2	<3	<3	38	.57	.097	8	12	.56	212	.12	3	.79	.08	.51	3
L10600E 12175N	<1	35	9	88	<.3	24	10	578	2.16	6	<8	<2	<2	83	.4	<3	<3	53	1.60	.099	13	31	.55	506	.03	5	1.39	.03	.08	<2
L10600E 12150N	1	31	10	78	<.3	23	9	407	2.10	7	<8	<2	2	59	.5	<3	<3	57	1.02	.087	12	30	.56	392	.03	3	1.27	.03	.08	2
L10600E 12125N	<1	23	8	49	<.3	17	7	357	1.93	6	<8	<2	<2	48	.2	<3	<3	52	.88	.058	10	25	.46	288	.04	4	1.01	.03	.06	<2
L10600E 12100N	<1	26	7	55	<.3	19	10	749	1.97	6	<8	<2	<2	59	.3	<3	<3	51	1.20	.068	12	29	.49	368	.04	3	1.10	.02	.07	<2
L10600E 12075N	<1	27	8	44	<.3	17	8	198	1.56	3	<8	<2	<2	41	.2	<3	<3	41	.74	.083	11	18	.35	275	.03	3	1.03	.04	.07	2
L10600E 12050N	1	34	9	63	<.3	23	10	752	2.36	9	<8	<2	2	58	.2	<3	<3	66	.95	.099	14	31	.55	452	.04	4	1.34	.02	.07	<2
L10600E 12025N	1	30	10	43	<.3	20	10	999	2.13	5	<8	<2	<2	45	<.2	<3	<3	57	.68	.103	13	28	.48	400	.03	<3	1.19	.02	.06	<2
L10600E 12000N	1	31	11	53	<.3	24	10	327	2.38	8	<8	<2	3	37	.3	<3	<3	64	.54	.063	16	34	.62	409	.05	<3	1.36	.02	.07	2
L10600E 11975N	2	44	8	89	<.3	32	15	1123	2.97	12	<8	<2	3	46	.3	<3	<3	76	.60	.103	14	37	.66	386	.05	3	1.43	.03	.10	2
L10600E 11950N	2	35	8	63	<.3	28	11	485	2.67	8	<8	<2	3	45	.2	<3	<3	74	.56	.077	14	38	.71	499	.03	3	1.62	.02	.08	<2
L10600E 11925N	2	23	7	30	<.3	14	8	437	1.55	6	<8	<2	<2	33	<.2	<3	<3	43	.47	.066	10	21	.34	314	.03	<3	.88	.03	.05	<2
L10600E 11900N	1	47	10	61	<.3	27	10	493	2.60	10	<8	<2	<2	57	.4	<3	<3	72	.93	.071	15	33	.61	449	.04	<3	1.43	.02	.08	2
L10600E 11875N	1	30	12	60	<.3	22	9	459	2.18	8	<8	<2	<2	65	.4	<3	<3	59	1.12	.082	11	27	.52	423	.04	3	1.15	.03	.07	2
L10600E 11850N	1	42	13	61	<.3	25	10	470	2.38	9	<8	<2	2	61	.2	<3	<3	68	1.03	.097	15	31	.57	413	.04	<3	1.27	.03	.08	2
L10600E 11825N	1	41	11	63	<.3	27	11	434	2.56	9	<8	<2	3	46	.2	<3	<3	72	.55	.093	15	33	.64	374	.05	<3	1.26	.03	.08	<2
L10600E 11800N	3	43	12	69	<.3	25	9	379	2.66	10	<8	<2	4	46	.3	<3	<3	76	.57	.105	14	33	.61	247	.07	4	.97	.03	.10	<2
L10600E 11775N	2	44	11	56	<.3	29	10	320	2.61	10	<8	<2	<2	57	<.2	<3	<3	70	.78	.093	16	38	.61	547	.03	<3	1.66	.02	.09	<2
L10600E 11750N	1	50	14	69	<.3	31	12	600	2.79	12	<8	<2	4	52	.3	<3	<3	76	.71	.098	16	33	.65	355	.06	4	1.23	.03	.14	2
L10600E 11725N	2	28	8	53	<.3	22	12	464	2.64	11	<8	<2	2	62	<.2	<3	<3	72	.82	.076	11	34	.68	516	.04	3	1.37	.02	.07	<2
L10600E 11700N	2	42	11	61	.5	28	12	502	2.56	11	<8	<2	2	54	<.2	<3	<3	72	.76	.097	17	37	.63	677	.03	3	1.45	.02	.07	<2
RE L10600E 11700N	1	41	12	60	.6	26	12	505	2.56	8	8	<2	3	54	.2	<3	<3	72	.77	.097	17	35	.63	675	.03	3	1.45	.02	.08	<2
L10600E 11675N	1	41	8	78	<.3	23	11	859	2.21	7	<8	<2	<2	52	<.2	<3	<3	64	.58	.082	13	30	.53	709	.03	<3	1.32	.03	.08	<2
L10600E 11650N	1	47	12	59	<.3	24	8	390	2.38	9	<8	<2	2	54	.2	<3	<3	69	.90	.085	16	29	.54	648	.03	<3	1.34	.03	.07	<2
L10600E 11625N	2	58	19	84	<.3	32	12	508	3.16	15	<8	<2	4	46	<.2	<3	<3	89	.50	.077	15	41	.75	404	.06	<3	1.51	.03	.09	2
L10600E 11600N	1	32	11	46	<.3	20	8	274	2.01	7	<8	<2	<2	37	<.2	<3	<3	56	.58	.071	11	25	.38	384	.02	3	1.14	.03	.06	2
L10600E 11575N	2	39	11	70	<.3	24	10	350	2.72	10	<8	<2	<2	35	<.2	<3	<3	70	.39	.065	13	28	.49	417	.03	<3	1.54	.03	.07	<2
L10600E 11550N	2	33	10	70	<.3	26	11	339	3.69	16	<8	<2	2	18	.3	<3	<3	98	.17	.053	9	38	.66	184	.05	<3	2.08	.01	.07	2
L10600E 11525N	2	35	13	61	<.3	30	10	413	2.87	12	<8	<2	2	36	.2	<3	<3	74	.53	.051	15	38	.72	407	.06	<3	1.59	.02	.09	3
L10600E 11500N	2	40	15	75	<.3	28	12	462	3.17	14	<8	<2	2	30	<.2	<3	<3	98	.23	.056	9	35	.68	288	.05	<3	1.66	.02	.07	2
L10600E 11475N	2	16	11	41	<.3	13	5	260	1.79	5	<8	<2	<2	18	.2	<3	<3	65	.20	.042	8	22	.36	113	.07	<3	.88	.01	.07	<2
L10600E 11450N	1	36	14	59	<.3	22	8	371	2.43	9	<8	<2	<2	44	.2	<3	<3	69	.53	.054	19	38	.47	605	.04	<3	1.65	.02	.08	<2
L10600E 11425N	2	47	13	58	<.3	30	10	296	2.84	11	<8	<2	2	42	<.2	<3	<3	79	.57	.054	15	32	.62	386	.03	<3	1.71	.03	.08	2
L10600E 11400N	2	47	14	57	<.3	25	9	376	2.48	11	<8	<2	2	47	<.2	<3	<3	70	.71	.055	14	28	.57	427	.04	<3	1.22	.03	.08	2
STANDARD DS3	9	125	33	161	.3	35	12	845	3.27	32	10	<2	4	30	5.7	5	6	83	.57	.097	19	182	.63	152	.09	<3	1.70	.04	.19	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	4	<3	41	<.3	5	4	570	1.96	<2	<8	<2	5	80	<.2	<3	<3	40	.60	.104	9	15	.57	243	.12	4	.95	.11	.55	3
L10600E 11375N	2	32	9	61	<.3	22	10	724	2.27	9	<8	<2	<2	63	<.2	<3	<3	60	.83	.102	12	30	.54	543	.02	<3	1.38	.03	.07	<2
L10600E 11350N	1	29	4	49	<.3	16	7	260	1.86	7	<8	<2	<2	40	<.2	<3	<3	56	.52	.080	9	23	.42	619	.02	3	.96	.03	.10	<2
L10600E 11325N	2	41	8	65	<.3	29	12	579	2.67	8	<8	<2	2	85	.4	<3	<3	71	.63	.086	12	42	.64	805	.05	<3	1.61	.02	.14	2
L10600E 11300N	2	31	8	80	<.3	42	13	476	3.06	13	<8	<2	<2	26	.2	<3	<3	71	.35	.048	7	38	.83	196	.06	<3	1.34	.02	.12	2
L10600E 11275N	<1	38	11	59	<.3	24	10	572	2.24	6	<8	<2	<2	37	.2	<3	<3	56	.41	.082	15	29	.51	633	.03	<3	1.28	.03	.11	<2
L10600E 11250N	1	44	6	65	<.3	24	9	420	2.54	8	<8	<2	<2	46	.3	<3	<3	67	.51	.082	20	31	.51	885	.03	3	1.57	.03	.13	2
L10600E 11225N	1	57	6	64	<.3	25	10	670	2.17	6	<8	<2	<2	100	.2	<3	<3	62	1.42	.176	34	28	.48	1592	.02	3	1.69	.04	.09	2
L10600E 11200N	1	30	5	51	<.3	19	7	285	2.11	5	<8	<2	<2	37	.2	<3	<3	57	.45	.050	12	28	.44	445	.05	<3	1.18	.03	.07	<2
L10600E 11175N	1	46	11	67	.4	32	10	560	2.35	9	<8	<2	2	48	<.2	<3	<3	59	.76	.090	17	34	.55	503	.04	4	1.36	.04	.09	<2
L10600E 11150N	2	54	22	89	.7	40	12	728	2.80	14	<8	<2	<2	60	<.2	<3	<3	67	.77	.105	17	42	.69	462	.03	3	1.57	.03	.11	2
L10600E 11125N	2	37	11	59	<.3	24	9	378	2.70	11	<8	<2	2	41	<.2	<3	<3	78	.39	.066	11	30	.55	479	.05	<3	1.44	.02	.07	<2
L10600E 11100N	2	20	10	48	.3	15	7	286	1.97	6	<8	<2	<2	20	.2	<3	<3	66	.16	.058	7	26	.34	245	.04	<3	1.01	.02	.07	<2
L10600E 11075N	2	42	13	63	<.3	30	12	410	2.97	10	<8	<2	3	35	.2	<3	<3	81	.32	.075	13	37	.63	311	.06	<3	1.62	.03	.08	2
L10600E 11050N	1	22	8	37	<.3	13	6	220	1.56	4	<8	<2	<2	19	<.2	<3	<3	43	.18	.043	6	15	.26	188	.04	<3	.82	.04	.05	<2
L10600E 11025N	2	48	21	65	<.3	30	12	384	3.35	22	<8	<2	2	33	<.2	<3	<3	90	.31	.047	11	40	.64	396	.04	4	1.79	.02	.09	<2
L10600E 11000N	1	46	11	66	<.3	28	11	451	2.86	13	<8	<2	<2	40	<.2	<3	<3	76	.44	.063	13	34	.58	501	.03	5	1.50	.03	.10	<2
L10700E 13000N	7	58	15	47	<.3	19	8	320	2.71	10	<8	<2	<2	36	<.2	<3	<3	89	.36	.023	12	33	.46	428	.04	<3	1.36	.02	.08	<2
L10700E 12975N	3	57	13	56	<.3	30	12	465	2.87	12	<8	<2	3	41	<.2	<3	<3	80	.54	.091	23	40	.74	1083	.04	<3	1.78	.03	.08	<2
RE L10700E 12975N	3	51	16	53	<.3	28	11	428	2.64	11	<8	<2	3	36	<.2	<3	<3	74	.50	.084	20	38	.68	974	.04	<3	1.61	.03	.07	2
L10700E 12950N	3	15	10	34	<.3	12	7	273	1.74	7	<8	<2	<2	19	<.2	<3	<3	49	.20	.030	4	18	.29	182	.05	<3	.78	.03	.07	<2
L10700E 12925N	3	33	11	41	<.3	18	8	227	2.12	10	<8	<2	<2	26	<.2	<3	<3	59	.27	.042	7	22	.36	253	.03	<3	.94	.03	.08	<2
L10700E 12900N	6	49	9	44	<.3	19	10	520	1.89	11	<8	<2	<2	66	<.2	<3	<3	62	1.14	.068	13	29	.52	500	.06	4	1.13	.03	.07	<2
L10700E 12875N	2	59	9	61	<.3	30	10	497	2.73	8	<8	<2	2	69	.3	<3	<3	68	1.21	.088	19	38	.67	721	.04	<3	1.47	.03	.08	<2
L10700E 12850N	2	51	14	67	.5	30	10	492	2.60	8	<8	<2	3	66	.2	<3	<3	69	1.00	.093	17	37	.66	531	.05	5	1.37	.04	.10	2
L10700E 12825N	1	43	10	60	<.3	31	10	335	2.58	10	<8	<2	3	45	<.2	<3	<3	63	.75	.077	17	38	.67	471	.06	<3	1.40	.03	.09	<2
L10700E 12800N	2	38	12	47	.3	21	10	469	1.82	4	<8	<2	<2	61	<.2	<3	<3	49	1.11	.082	12	28	.44	947	.03	3	1.22	.03	.06	<2
L10700E 12775N	1	35	11	38	.3	21	8	265	1.58	4	<8	<2	<2	49	<.2	<3	<3	39	.76	.084	12	22	.38	1085	.03	<3	1.11	.03	.06	<2
L10700E 12750N	1	51	14	93	.5	38	12	558	2.95	12	<8	<2	4	54	.3	<3	<3	79	.89	.103	21	40	.70	899	.05	4	1.69	.03	.10	2
L10700E 12725N	1	41	19	42	<.3	20	9	367	1.92	4	<8	<2	<2	52	<.2	<3	<3	54	.75	.092	21	35	.50	1539	.03	3	1.48	.02	.06	<2
L10700E 12700N	1	64	22	42	<.3	23	11	638	1.80	3	<8	<2	<2	103	<.2	<3	<3	46	1.09	.076	28	31	.44	1796	.03	<3	1.55	.02	.06	2
L10700E 12675N	1	15	96	50	.5	17	6	251	2.06	4	<8	<2	3	21	.3	<3	<3	61	.21	.047	9	28	.47	209	.07	<3	1.28	.02	.07	<2
L10700E 12650N	2	13	14	44	<.3	12	5	203	1.89	6	<8	<2	<2	20	<.2	<3	<3	68	.23	.023	8	24	.38	239	.06	<3	1.05	.02	.07	<2
L10700E 12625N	2	34	12	53	<.3	24	11	473	2.76	9	<8	<2	<2	23	<.2	<3	<3	75	.20	.040	12	29	.55	539	.03	<3	1.67	.02	.07	2
STANDARD DS3	9	122	36	156	.3	37	12	815	3.22	30	9	<2	4	29	5.8	6	6	79	.55	.096	18	188	.61	157	.09	3	1.78	.04	.18	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

YUKON ENERGY, MINES
& RESOURCES LIMITED
P.O. Box 2700
Whitehorse, Yukon Y1A 2C8



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	<3	39	<.3	5	4	532	1.81	<2	<8	<2	4	73	<.2	<3	<3	37	.55	.093	7	13	.53	219	.12	3	.83	.10	.50	2
L10700E 12600N	<1	17	4	35	.7	15	6	215	1.57	5	<8	<2	<2	21	<.2	<3	<3	39	.30	.032	7	20	.39	197	.04	5	.88	.03	.06	<2
L10700E 12575N	1	24	5	58	.4	24	10	359	2.37	9	<8	<2	<2	34	<.2	<3	<3	60	.46	.049	8	33	.64	274	.04	4	1.33	.02	.09	<2
L10700E 12550N	1	30	5	64	.3	20	8	462	2.05	7	<8	<2	<2	46	.6	<3	<3	56	.69	.065	8	31	.53	249	.04	<3	1.14	.02	.11	2
L10700E 12525N	<1	46	4	38	.5	24	8	471	1.50	4	<8	<2	<2	49	.3	<3	<3	34	.80	.080	17	18	.28	320	.02	3	.88	.04	.05	<2
L10700E 12500N	1	34	6	52	<.3	23	9	475	2.14	8	<8	<2	<2	60	<.2	<3	<3	53	1.16	.059	10	30	.56	328	.04	5	1.10	.03	.10	<2
L10700E 12475N	2	41	8	48	.6	25	10	613	2.19	5	<8	<2	2	70	<.2	<3	<3	56	1.19	.068	13	36	.59	443	.04	4	1.28	.02	.08	<2
L10700E 12450N	<1	22	3	40	<.3	14	5	209	1.39	4	<8	<2	<2	71	<.2	<3	<3	34	1.35	.067	8	22	.35	295	.04	3	.80	.03	.05	<2
L10700E 12425N	<1	33	9	45	<.3	24	9	295	1.91	5	<8	<2	<2	60	.3	<3	<3	52	1.17	.065	13	31	.48	381	.04	<3	1.18	.02	.06	<2
L10700E 12400N	1	26	5	40	.3	17	7	410	1.64	5	<8	<2	<2	75	.3	<3	<3	40	1.44	.075	9	26	.37	363	.03	3	.92	.03	.05	<2
L10700E 12375N	1	30	10	60	<.3	21	7	413	1.83	5	<8	<2	<2	77	<.2	<3	<3	47	1.38	.078	13	31	.50	486	.03	5	1.13	.02	.06	2
L10700E 12350N	1	35	6	54	<.3	22	8	508	2.05	7	<8	<2	<2	52	.2	<3	<3	51	.95	.077	12	26	.51	275	.05	3	.96	.04	.08	2
L10700E 12325N	1	28	13	109	.4	24	9	891	2.35	7	<8	<2	2	65	.4	<3	<3	59	1.17	.090	12	32	.55	442	.03	4	1.30	.02	.08	2
L10700E 12300N	1	24	12	85	<.3	19	8	404	1.84	5	<8	<2	<2	59	.2	<3	<3	47	1.20	.075	10	28	.46	344	.03	3	1.11	.03	.06	<2
L10700E 12275N	<1	35	11	77	<.3	24	8	263	1.81	5	<8	<2	<2	59	.2	<3	<3	50	1.20	.080	13	33	.57	403	.04	4	1.26	.02	.07	<2
L10700E 12250N	1	29	9	79	<.3	18	8	462	1.89	5	<8	<2	<2	74	.3	<3	<3	48	1.43	.084	10	28	.44	440	.03	4	1.16	.03	.06	2
L10700E 12225N	1	36	7	68	<.3	23	11	792	2.46	8	<8	<2	<2	70	<.2	<3	<3	59	1.30	.090	13	32	.54	440	.03	<3	1.33	.02	.06	<2
L10700E 12200N	2	34	8	56	.5	24	11	558	2.54	6	<8	<2	<2	70	<.2	<3	<3	59	1.45	.098	13	35	.50	484	.03	3	1.32	.02	.06	2
L10700E 12175N	2	17	7	47	<.3	14	8	794	1.68	4	<8	<2	<2	72	.3	<3	<3	38	1.37	.081	8	22	.33	366	.03	7	.91	.03	.05	<2
L10700E 12150N	1	30	5	44	<.3	26	9	602	2.07	8	<8	<2	2	52	.2	<3	<3	52	.82	.069	11	31	.57	422	.05	3	1.29	.03	.07	2
L10700E 12125N	1	28	11	59	<.3	25	10	408	2.47	6	8	<2	3	43	<.2	<3	<3	67	.61	.083	13	36	.68	367	.05	3	1.34	.02	.07	<2
L10700E 12100N	1	33	9	59	<.3	27	10	355	2.21	7	<8	<2	3	35	.2	<3	<3	62	.54	.062	12	33	.61	347	.05	<3	1.28	.02	.08	<2
L10700E 12075N	1	31	11	54	<.3	23	9	307	1.92	6	<8	<2	2	39	.3	<3	<3	53	.59	.050	12	35	.52	340	.06	<3	1.21	.02	.08	2
L10700E 12050N	2	29	12	54	<.3	23	16	1149	2.37	6	<8	<2	2	39	<.2	<3	<3	55	.57	.086	13	33	.59	335	.04	3	1.26	.02	.08	<2
RE L10700E 12050N	2	30	13	54	<.3	24	16	1149	2.36	6	<8	<2	2	39	.2	<3	<3	56	.57	.087	13	31	.59	336	.04	3	1.25	.02	.07	2
L10700E 12025N	2	30	5	49	<.3	22	13	1432	2.47	7	<8	<2	<2	63	<.2	<3	<3	50	1.10	.096	11	28	.45	467	.03	4	1.17	.03	.06	<2
L10700E 11975N	1	38	4	61	<.3	23	8	437	1.95	6	<8	<2	<2	61	.4	<3	<3	51	1.17	.083	10	27	.44	481	.03	<3	1.15	.02	.06	<2
L10700E 11950N	1	88	9	41	.3	32	7	352	1.78	5	<8	<2	<2	101	1.2	<3	<3	50	1.78	.103	14	26	.27	656	.02	<3	1.03	.02	.05	<2
L10700E 11925N	1	23	7	44	<.3	17	8	916	1.76	5	<8	<2	<2	44	<.2	<3	<3	45	.69	.069	8	21	.36	368	.03	<3	.98	.03	.06	<2
L10700E 11900N	1	20	7	53	<.3	19	7	266	1.83	5	<8	<2	2	26	<.2	<3	<3	48	.38	.040	10	28	.50	226	.07	<3	.90	.02	.06	<2
L10700E 11875N	2	62	14	90	.6	41	13	1377	2.95	11	<8	<2	2	80	.4	<3	<3	71	1.53	.098	15	39	.62	628	.02	5	1.66	.02	.10	2
L10700E 11850N	1	41	10	60	<.3	26	8	376	2.35	8	<8	<2	2	59	<.2	<3	<3	66	.87	.088	14	32	.56	408	.04	3	1.24	.03	.07	2
L10700E 11825N	2	42	9	78	<.3	28	11	364	2.63	10	<8	<2	3	43	<.2	<3	<3	74	.55	.081	11	34	.60	271	.05	<3	1.14	.03	.09	2
L10700E 11800N	1	62	7	64	<.3	28	8	293	1.98	5	<8	<2	<2	45	.3	<3	<3	55	.57	.045	12	26	.46	509	.03	3	1.03	.03	.08	2
STANDARD DS3	10	124	34	159	.4	36	12	817	3.19	31	13	<2	4	29	5.6	6	7	80	.56	.094	18	190	.61	155	.09	3	1.72	.04	.18	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	2	<3	41	<.3	5	4	569	1.91	<2	<8	<2	5	74	.2	<3	<3	39	.58	.103	8	14	.56	222	.13	4	.82	.08	.51	2
L10700E 11775N	1	40	12	98	<.3	25	9	401	2.53	10	<8	<2	3	54	.5	<3	<3	71	.83	.114	14	31	.57	338	.05	4	1.04	.03	.09	<2
L10700E 11750N	2	42	13	65	<.3	27	11	417	2.52	10	<8	<2	2	50	.3	<3	<3	68	.70	.087	11	31	.64	363	.04	3	1.34	.03	.08	<2
L10700E 11725N	1	39	9	73	<.3	23	9	400	2.37	9	<8	<2	2	50	.3	<3	<3	65	.71	.090	13	32	.58	394	.04	3	1.15	.03	.09	2
L10700E 11700N	2	30	14	69	<.3	17	10	451	2.68	7	<8	<2	<2	27	.6	<3	<3	76	.35	.057	12	31	.41	292	.05	3	1.13	.02	.09	<2
L10700E 11675N	1	25	9	56	<.3	18	7	217	1.98	5	<8	<2	2	38	.2	<3	<3	59	.54	.067	10	30	.50	311	.04	3	1.04	.02	.07	<2
L10700E 11650N	1	34	9	39	<.3	19	7	367	1.75	5	<8	<2	<2	58	<.2	<3	<3	46	.92	.092	15	23	.37	511	.02	3	1.11	.03	.05	<2
L10700E 11625N	1	25	10	54	<.3	20	10	450	1.98	6	<8	<2	2	45	<.2	<3	<3	65	.57	.075	10	31	.52	348	.05	<3	1.00	.03	.07	<2
L10700E 11600N	2	39	13	77	<.3	25	10	345	2.83	11	<8	<2	2	35	.3	<3	<3	87	.31	.058	10	32	.60	270	.04	3	1.34	.02	.07	<2
L10700E 11575N	<1	26	8	47	<.3	20	9	379	2.12	5	<8	<2	2	37	<.2	<3	<3	56	.52	.060	13	32	.50	434	.04	3	1.26	.02	.06	<2
L10700E 11550N	1	29	8	55	<.3	22	9	442	2.24	5	<8	<2	<2	43	.2	<3	<3	59	.58	.069	13	33	.56	462	.04	<3	1.27	.02	.07	<2
L10700E 11525N	1	30	8	56	<.3	23	9	336	2.51	8	<8	<2	2	44	.2	<3	<3	76	.68	.072	10	30	.56	424	.04	4	1.12	.02	.06	2
L10700E 11500N	2	22	7	48	<.3	14	6	195	2.11	6	<8	<2	<2	22	.4	<3	<3	66	.21	.051	8	25	.39	195	.04	<3	.93	.02	.06	<2
L10700E 11475N	1	26	9	39	<.3	14	6	301	1.66	5	<8	<2	<2	42	.4	<3	<3	57	.63	.048	9	26	.39	447	.04	3	.88	.02	.07	<2
L10700E 11450N	<1	22	12	57	<.3	19	7	262	2.23	6	<8	<2	3	29	.2	<3	<3	68	.36	.048	10	29	.54	231	.06	3	1.03	.02	.08	<2
L10700E 11425N	2	34	10	57	<.3	23	13	483	2.43	7	<8	<2	2	37	.3	<3	<3	74	.50	.053	11	29	.50	490	.04	5	1.27	.02	.07	<2
L10700E 11400N	2	35	12	53	<.3	22	10	305	2.38	7	<8	<2	2	36	<.2	<3	<3	70	.42	.044	10	29	.55	275	.05	<3	1.11	.02	.07	<2
L10700E 11375N	<1	21	<3	33	<.3	10	4	129	1.19	2	<8	<2	<2	19	.3	<3	<3	39	.20	.026	7	15	.25	141	.04	<3	.59	.03	.04	<2
L10700E 11350N	2	35	11	62	<.3	27	12	382	2.79	9	<8	<2	3	28	.3	<3	<3	88	.36	.033	12	38	.74	514	.06	<3	1.71	.02	.06	<2
L10700E 11325N	1	32	7	93	<.3	23	8	339	2.41	7	<8	<2	<2	57	.3	<3	<3	62	.90	.101	12	33	.57	545	.03	<3	1.28	.02	.07	2
L10700E 11300N	1	36	10	77	<.3	24	8	315	2.58	8	<8	<2	2	34	.2	<3	<3	66	.40	.049	10	29	.57	270	.05	<3	1.12	.02	.08	<2
L10700E 11275N	<1	38	11	71	<.3	21	7	339	2.14	7	<8	<2	<2	50	.2	<3	<3	51	.73	.094	15	23	.43	495	.03	3	1.00	.03	.07	2
L10700E 11250N	2	33	10	63	<.3	23	10	675	2.38	7	<8	<2	<2	47	<.2	<3	<3	65	.59	.092	17	34	.59	789	.03	<3	1.41	.02	.08	2
L10700E 11225N	2	40	8	75	<.3	29	9	349	2.45	8	<8	<2	2	52	.2	<3	<3	64	.77	.095	13	35	.62	417	.04	<3	1.23	.03	.09	<2
L10700E 11200N	2	32	9	72	<.3	21	9	398	2.37	8	<8	<2	<2	35	.3	<3	<3	69	.40	.068	11	30	.50	410	.04	<3	1.17	.02	.07	2
RE L10700E 11200N	2	30	7	69	<.3	20	9	382	2.28	8	<8	<2	<2	33	.3	<3	<3	66	.38	.066	11	29	.48	386	.04	3	1.10	.02	.06	2
L10700E 11175N	2	31	11	60	<.3	18	7	277	2.35	7	<8	<2	<2	34	.2	<3	<3	70	.28	.048	11	30	.44	516	.03	<3	1.33	.01	.07	<2
L10700E 11150N	1	19	8	52	<.3	17	7	286	2.32	6	<8	<2	3	22	<.2	<3	<3	67	.27	.039	11	31	.57	195	.09	<3	1.06	.01	.08	<2
L10700E 11125N	2	26	<3	33	<.3	11	5	165	1.64	4	<8	<2	<2	21	<.2	<3	<3	50	.18	.030	9	20	.27	352	.03	<3	.86	.02	.06	<2
L10700E 11100N	3	27	9	56	<.3	21	9	297	2.66	9	<8	<2	2	24	<.2	<3	<3	83	.24	.054	9	32	.62	252	.07	<3	1.26	.02	.08	2
L10700E 11075N	2	28	10	49	<.3	15	8	395	2.60	7	<8	<2	2	26	<.2	<3	<3	88	.20	.044	9	30	.50	320	.04	<3	1.50	.01	.05	<2
L10700E 11050N	2	37	9	62	<.3	27	10	325	3.03	10	<8	<2	2	33	<.2	<3	<3	80	.34	.038	9	37	.71	401	.04	<3	1.72	.01	.07	3
L10700E 11025N	3	51	13	56	<.3	23	10	310	2.72	8	<8	<2	4	49	.3	<3	<3	82	.56	.050	13	33	.58	399	.06	<3	1.08	.03	.08	<2
L10700E 11000N	2	50	9	59	<.3	23	10	446	2.66	9	<8	<2	<2	54	.2	<3	<3	74	.62	.073	14	34	.55	604	.03	<3	1.31	.02	.08	2
STANDARD DS3	9	128	32	162	<.3	35	12	842	3.29	31	<8	<2	4	29	6.0	6	7	82	.56	.097	19	183	.62	150	.09	5	1.71	.04	.18	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	3	<3	42	<.3	5	4	605	1.92	<2	<8	<2	5	103	<.2	<3	<3	40	.69	.110	9	14	.60	239	.14	<3	.97	.11	.54	3
L10800E 13000N	2	21	8	47	<.3	23	12	346	2.27	5	<8	<2	2	22	.2	<3	<3	61	.28	.031	11	32	.62	314	.05	<3	1.38	.01	.07	2
L10800E 12975N	4	38	8	49	<.3	18	7	327	1.83	7	<8	<2	<2	65	.5	<3	<3	52	1.20	.068	12	29	.50	314	.04	<3	1.03	.02	.07	2
L10800E 12950N	1	54	16	84	<.3	32	13	460	2.80	9	<8	<2	4	55	.3	<3	<3	74	.93	.094	17	39	.72	333	.05	4	1.27	.03	.12	2
L10800E 12925N	1	40	10	64	<.3	24	10	459	2.45	8	<8	<2	3	55	<.2	<3	<3	70	.93	.082	16	37	.63	447	.04	3	1.28	.03	.07	<2
L10800E 12900N	1	34	9	41	<.3	19	8	386	1.69	3	<8	<2	<2	65	<.2	<3	<3	42	1.25	.078	14	26	.41	814	.03	3	1.07	.03	.05	<2
L10800E 12875N	2	43	8	77	<.3	31	11	357	2.58	8	<8	<2	4	51	.5	<3	<3	73	.83	.101	15	39	.63	358	.05	4	1.05	.03	.08	2
L10800E 12850N	1	53	10	58	<.3	29	12	395	2.60	8	<8	<2	3	59	.3	<3	<3	68	1.12	.084	19	35	.64	730	.05	3	1.36	.03	.07	<2
L10800E 12825N	1	35	8	62	<.3	25	11	389	2.44	7	<8	<2	3	51	.2	<3	<3	65	.85	.076	15	35	.63	576	.05	5	1.27	.03	.08	2
L10800E 12800N	1	30	11	49	<.3	24	11	433	2.57	9	<8	<2	4	50	.2	<3	<3	70	.92	.071	16	40	.69	647	.05	<3	1.38	.02	.07	<2
L10800E 12775N	2	37	14	59	<.3	27	11	435	2.58	11	<8	<2	4	44	<.2	<3	<3	70	.82	.073	16	39	.70	622	.06	3	1.38	.03	.08	<2
L10800E 12750N	3	27	15	73	<.3	23	12	470	2.54	10	<8	<2	4	48	.4	<3	<3	75	.75	.092	13	40	.71	558	.05	6	1.19	.03	.09	<2
L10800E 12725N	2	46	16	72	<.3	28	11	412	2.91	10	<8	<2	3	42	.3	<3	<3	77	.61	.065	14	37	.72	647	.04	4	1.45	.03	.08	2
L10800E 12700N	2	65	42	80	.4	34	13	563	2.82	7	<8	<2	3	54	.3	<3	<3	76	.81	.082	31	44	.80	1288	.05	<3	1.92	.02	.10	<2
L10800E 12675N	3	40	26	81	<.3	29	15	550	3.34	14	<8	<2	2	50	.3	<3	<3	85	.43	.068	9	38	.83	646	.03	4	1.81	.02	.11	<2
L10800E 12650N	1	22	38	54	<.3	14	6	276	1.91	4	<8	<2	<2	29	.2	<3	<3	56	.33	.038	11	27	.45	538	.05	<3	1.05	.01	.08	2
L10800E 12625N	2	30	9	51	<.3	26	10	362	2.45	6	<8	<2	3	32	<.2	<3	<3	61	.52	.059	14	36	.71	492	.06	<3	1.39	.02	.09	<2
L10800E 12600N	1	10	9	55	<.3	10	8	324	1.95	3	<8	<2	2	19	.4	<3	<3	65	.25	.019	8	26	.37	177	.08	<3	1.05	.01	.08	<2
L10800E 12575N	2	33	5	56	<.3	30	11	445	2.53	6	<8	<2	2	32	.4	<3	<3	63	.46	.060	16	40	.77	468	.06	<3	1.60	.02	.09	<2
L10800E 12550N	2	27	10	43	<.3	21	10	539	2.09	5	<8	<2	2	44	.2	<3	<3	55	.81	.042	11	36	.54	462	.05	<3	1.26	.02	.06	<2
RE L10800E 12550N	1	28	4	43	<.3	22	10	551	2.13	4	<8	<2	2	45	.3	<3	<3	56	.83	.043	11	34	.55	470	.05	3	1.28	.02	.06	<2
L10800E 12525N	1	13	7	38	<.3	19	9	342	2.03	3	<8	<2	2	32	.2	<3	<3	55	.56	.036	10	33	.58	333	.07	<3	1.11	.02	.06	<2
L10800E 12500N	2	33	6	66	<.3	26	11	431	2.72	9	<8	<2	3	40	.4	<3	<3	74	.60	.086	15	35	.78	307	.06	3	1.29	.02	.07	<2
L10800E 12475N	1	14	<3	22	<.3	12	8	805	1.44	4	<8	<2	<2	48	.3	<3	<3	37	.80	.076	6	19	.33	361	.03	3	.71	.03	.04	<2
L10800E 12450N	1	21	7	53	<.3	15	8	735	1.80	5	<8	<2	<2	56	.4	<3	<3	50	1.02	.094	9	24	.42	293	.04	4	.86	.03	.05	<2
L10800E 12375N	2	30	10	60	<.3	19	9	341	2.13	7	<8	<2	2	61	.4	<3	<3	57	1.21	.072	11	29	.50	356	.03	<3	1.02	.02	.06	<2
L10800E 12350N	1	29	9	63	<.3	22	10	509	2.23	7	<8	<2	2	56	.4	<3	<3	59	1.03	.069	13	32	.53	455	.04	4	1.21	.02	.06	<2
L10800E 12325N	1	33	9	60	<.3	25	10	394	2.48	7	<8	<2	3	47	.3	<3	<3	67	.73	.086	14	38	.65	371	.06	3	1.22	.02	.08	<2
L10800E 12300N	1	40	10	69	<.3	23	9	454	1.85	6	<8	<2	<2	76	.5	<3	<3	51	1.67	.085	12	33	.51	600	.03	<3	1.20	.02	.06	2
L10800E 12275N	1	32	11	58	<.3	26	9	327	2.47	6	<8	<2	4	39	.4	<3	<3	69	.63	.058	13	34	.66	372	.04	3	1.25	.02	.07	<2
L10800E 12250N	1	24	6	49	<.3	17	8	717	1.84	4	<8	<2	2	45	.4	<3	<3	48	.86	.079	11	26	.43	336	.04	<3	.90	.02	.05	<2
L10800E 12225N	1	19	11	58	<.3	20	8	281	2.34	8	<8	<2	2	34	.2	<3	<3	73	.55	.029	7	33	.58	292	.04	4	1.20	.01	.07	<2
L10800E 12200N	1	34	13	56	<.3	28	13	460	2.76	8	<8	<2	4	39	.4	<3	<3	75	.61	.062	15	42	.76	445	.07	<3	1.44	.02	.08	<2
L10800E 12175N	2	28	9	64	<.3	23	9	234	3.12	8	<8	<2	2	30	.4	<3	<3	90	.37	.033	7	35	.66	222	.04	3	1.54	.01	.06	<2
STANDARD D53	10	129	36	164	<.3	36	12	854	3.33	29	10	<2	4	29	5.8	5	7	83	.57	.098	18	186	.63	155	.09	4	1.72	.04	.18	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	3	<3	46	<.3	6	4	603	1.86	<2	<8	<2	5	106	<.2	<3	<3	42	.71	.117	9	14	.63	245	.15	<3	1.03	.11	.56	3
L10800E 12150N	2	37	10	58	<.3	27	10	362	2.42	8	<8	<2	4	45	<.2	<3	<3	65	.73	.072	14	37	.71	432	.06	<3	1.39	.02	.07	2
L10800E 12125N	1	42	10	66	<.3	27	12	529	2.46	6	<8	<2	<2	61	.3	<3	<3	65	.90	.097	18	35	.59	614	.03	<3	1.58	.02	.07	<2
L10800E 12100N	<1	39	8	61	<.3	25	9	398	2.34	8	9	<2	3	35	<.2	<3	<3	66	.56	.062	14	35	.59	375	.05	<3	1.41	.02	.07	<2
L10800E 12075N	2	37	14	79	<.3	28	11	324	3.08	10	<8	<2	2	26	<.2	<3	<3	79	.31	.065	14	34	.62	344	.04	4	1.64	.01	.07	<2
L10800E 12050N	2	30	13	66	<.3	25	10	304	3.12	12	<8	<2	3	24	<.2	<3	<3	86	.28	.069	12	32	.67	285	.05	<3	1.67	.01	.06	<2
L10800E 12025N	2	19	3	55	<.3	20	8	224	2.44	8	<8	<2	2	24	<.2	<3	<3	71	.33	.060	11	31	.63	203	.05	3	1.46	.01	.07	<2
L10800E 12000N	1	42	12	64	<.3	25	11	349	2.48	9	<8	<2	2	41	.3	<3	<3	73	.71	.057	12	34	.71	379	.05	<3	1.43	.02	.08	<2
L10800E 11975N	1	28	3	43	<.3	14	6	186	1.44	5	<8	<2	<2	63	.3	<3	<3	39	1.26	.053	15	18	.30	302	.03	<3	.87	.03	.05	<2
L10800E 11950N	1	31	6	70	<.3	20	7	285	1.75	5	<8	<2	<2	64	.5	<3	<3	48	1.11	.082	10	23	.43	378	.03	<3	1.05	.02	.06	<2
L10800E 11925N	1	29	3	62	<.3	21	9	301	1.87	4	<8	<2	<2	37	.3	<3	<3	52	.57	.074	11	30	.61	304	.05	4	1.21	.02	.06	2
L10800E 11900N	1	17	3	25	<.3	8	4	162	.86	2	<8	<2	<2	59	<.2	<3	<3	22	1.10	.072	7	9	.17	219	.02	<3	.48	.04	.03	<2
L10800E 11875N	2	41	10	55	<.3	22	10	591	2.17	6	<8	<2	<2	58	.4	<3	<3	68	.82	.098	13	32	.47	520	.03	<3	1.38	.02	.07	2
L10800E 11825N	1	28	5	39	<.3	14	6	217	1.17	3	<8	<2	<2	67	.3	<3	<3	34	1.08	.089	8	15	.26	383	.02	<3	.71	.03	.05	<2
L10800E 11800N	2	38	10	103	<.3	23	10	447	2.28	7	<8	<2	2	62	.7	<3	<3	70	1.08	.073	11	29	.56	374	.04	3	1.12	.03	.07	2
L10800E 11775N	1	38	8	73	<.3	25	9	308	2.38	8	<8	<2	3	57	.2	<3	<3	68	.94	.085	13	31	.58	330	.05	4	1.12	.03	.09	2
L10800E 11750N	2	28	10	70	<.3	22	8	283	2.38	9	<8	<2	3	26	.2	<3	<3	76	.25	.051	11	32	.54	192	.05	5	1.19	.02	.07	<2
L10800E 11725N	1	23	3	45	<.3	14	5	132	1.55	5	<8	<2	<2	24	.3	<3	<3	57	.22	.039	8	20	.31	187	.03	<3	.85	.02	.05	<2
L10800E 11700N	1	47	7	71	<.3	24	8	229	2.06	7	<8	<2	2	66	.4	<3	<3	57	1.25	.099	14	28	.52	369	.04	6	1.03	.03	.09	<2
L10800E 11675N	<1	38	9	65	.3	27	10	311	2.19	7	<8	<2	4	39	.3	<3	<3	63	.61	.066	17	34	.61	419	.06	4	1.24	.02	.09	2
L10800E 11650N	1	40	7	57	<.3	23	10	266	2.21	8	8	<2	2	33	.2	<3	<3	70	.34	.069	17	32	.54	409	.03	6	1.32	.02	.06	<2
RE L10800E 11650N	1	41	8	60	<.3	23	11	275	2.29	7	<8	<2	2	34	.2	<3	<3	71	.35	.070	17	31	.55	421	.03	5	1.36	.02	.06	<2
L10800E 11625N	1	40	14	84	<.3	23	9	420	2.17	9	<8	<2	2	72	.5	<3	<3	61	1.23	.109	13	29	.54	408	.04	6	1.02	.03	.08	2
L10800E 11600N	2	60	10	78	<.3	30	8	290	2.25	8	<8	<2	3	75	.3	<3	<3	68	1.13	.097	12	32	.56	466	.03	3	1.23	.03	.08	<2
L10800E 11575N	3	41	11	72	<.3	24	11	318	2.43	9	<8	<2	3	41	.2	<3	<3	76	.47	.083	13	33	.63	248	.06	3	1.18	.03	.08	2
L10800E 11550N	1	31	11	66	<.3	23	9	212	2.28	8	<8	<2	3	46	.3	<3	<3	72	.71	.041	9	30	.54	251	.05	3	1.05	.02	.07	<2
L10800E 11525N	1	60	12	64	<.3	28	8	276	2.32	8	<8	<2	3	61	.3	<3	<3	69	1.09	.101	20	31	.56	321	.05	3	1.02	.03	.09	<2
L10800E 11500N	1	31	9	59	<.3	23	10	289	2.21	6	<8	<2	2	34	.3	<3	3	64	.46	.064	15	34	.59	332	.05	<3	1.31	.02	.07	<2
L10800E 11475N	1	33	9	61	<.3	22	9	243	2.33	7	<8	<2	3	30	.3	<3	<3	78	.35	.050	9	32	.55	237	.04	3	1.23	.02	.05	<2
L10800E 11450N	1	42	8	59	<.3	25	9	330	2.24	6	<8	<2	2	49	.2	<3	<3	67	.65	.063	15	36	.62	500	.04	<3	1.41	.02	.07	2
L10800E 11425N	1	37	8	75	<.3	24	10	318	2.26	6	<8	<2	2	37	.4	<3	<3	67	.44	.066	15	32	.58	317	.04	5	1.25	.02	.06	<2
L10800E 11400N	2	34	12	59	<.3	23	9	235	2.13	5	<8	<2	2	26	<.2	<3	<3	59	.30	.047	11	29	.52	305	.04	5	1.32	.02	.07	<2
L10800E 11375N	1	22	10	56	<.3	20	8	217	2.16	7	<8	<2	2	31	<.2	<3	<3	78	.36	.030	10	31	.55	392	.04	3	1.33	.01	.08	<2
L10800E 11350N	1	28	9	63	<.3	24	10	267	2.29	6	<8	<2	2	30	<.2	<3	<3	68	.32	.061	11	33	.65	323	.06	4	1.26	.02	.07	<2
STANDARD DS3	10	128	35	165	<.3	35	12	810	3.10	31	<8	<2	4	30	6.0	4	5	82	.58	.100	19	179	.63	150	.09	3	1.77	.04	.18	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	4	41	<.3	5	4	573	1.83	<2	<8	<2	5	96	.2	<3	<3	38	.64	.105	9	14	.57	230	.13	<3	.97	.10	.51	3
L10800E 11325N	<1	15	4	32	<.3	7	3	84	.82	<2	<8	<2	<2	18	.5	<3	<3	28	.20	.041	6	15	.16	111	.02	<3	.57	.01	.06	<2
L10800E 11300N	1	55	11	66	.5	20	6	297	2.10	4	<8	<2	<2	44	1.0	<3	<3	62	.65	.056	10	25	.29	396	.04	<3	.97	.01	.08	<2
L10800E 11275N	1	38	5	58	<.3	24	8	326	2.08	5	<8	<2	<2	51	.5	<3	<3	55	.94	.085	12	29	.51	395	.04	3	1.06	.03	.07	<2
L10800E 11250N	1	40	7	84	<.3	23	7	327	2.02	7	<8	<2	<2	47	.7	<3	<3	54	.73	.058	11	28	.46	409	.03	4	1.07	.02	.06	2
L10800E 11200N	1	35	9	47	<.3	22	8	328	1.80	6	<8	<2	<2	41	.3	<3	<3	52	.48	.088	13	28	.44	577	.04	<3	1.07	.02	.06	<2
L10800E 11175N	2	26	8	40	<.3	18	6	253	1.70	5	<8	<2	<2	26	.2	<3	<3	43	.34	.064	8	20	.30	378	.03	<3	1.00	.03	.06	<2
L10800E 11150N	2	44	9	54	<.3	26	8	348	2.21	5	<8	<2	<2	26	.4	<3	<3	58	.26	.067	12	32	.36	425	.02	<3	1.47	.02	.07	<2
L10800E 11125N	1	14	3	20	.5	10	3	79	.86	2	<8	<2	<2	15	<.2	<3	<3	23	.14	.029	4	13	.14	173	.02	<3	.59	.03	.04	<2
L10800E 11075N	1	23	11	47	<.3	17	7	206	2.44	6	<8	<2	2	16	.3	<3	<3	69	.15	.036	9	28	.43	221	.05	<3	1.31	.01	.06	<2
L10800E 11050N	2	52	10	65	.5	26	8	312	2.59	7	<8	<2	<2	40	.4	<3	<3	72	.38	.076	10	36	.41	608	.02	<3	1.73	.02	.08	2
L10800E 11025N	2	37	7	76	<.3	24	7	328	2.16	6	<8	<2	<2	59	.4	<3	<3	59	.76	.084	11	30	.52	591	.03	4	1.25	.03	.06	2
L10800E 11000N	1	31	5	63	<.3	21	6	274	1.92	6	<8	<2	<2	43	.4	<3	<3	49	.56	.063	11	27	.47	376	.04	<3	1.02	.02	.05	2
L10900E 13000N	1	35	8	41	<.3	25	10	377	2.24	8	<8	<2	2	64	.4	<3	<3	56	.92	.047	13	37	.60	261	.06	<3	1.30	.02	.07	<2
L10900E 12975N	1	29	7	45	<.3	25	9	343	2.38	7	<8	<2	2	51	.3	<3	<3	59	.88	.047	11	35	.66	273	.06	3	1.31	.02	.08	2
L10900E 12925N	1	35	10	51	<.3	19	9	508	1.90	6	<8	<2	<2	73	.4	<3	<3	54	1.38	.070	12	27	.49	364	.04	6	1.06	.03	.06	<2
RE L10900E 12925N	1	36	7	54	<.3	20	9	524	1.95	8	<8	<2	<2	74	.5	<3	<3	56	1.42	.071	12	28	.51	371	.03	3	1.10	.03	.06	2
L10900E 12900N	1	31	10	56	<.3	20	9	384	2.05	7	<8	<2	2	46	.4	<3	<3	56	.98	.056	10	29	.50	242	.04	3	.93	.02	.07	<2
L10900E 12875N	1	29	9	47	<.3	19	9	553	1.95	6	<8	<2	2	63	.4	<3	<3	51	1.21	.097	13	22	.41	400	.03	<3	.94	.03	.05	<2
L10900E 12850N	2	42	13	67	<.3	24	9	386	2.42	10	<8	<2	3	50	.3	<3	<3	62	.93	.079	11	29	.53	278	.04	<3	1.05	.03	.09	<2
L10900E 12825N	2	44	13	63	.3	26	9	392	2.63	11	<8	<2	4	51	.5	<3	<3	72	1.04	.045	15	34	.58	442	.04	4	1.09	.03	.09	<2
L10900E 12800N	1	40	10	64	<.3	28	11	457	2.24	9	<8	<2	3	66	.6	<3	<3	62	1.63	.083	14	33	.55	390	.04	4	1.05	.03	.09	2
L10900E 12775N	1	30	8	53	<.3	23	9	355	2.17	6	<8	<2	2	43	.4	<3	<3	63	.64	.067	13	35	.55	472	.04	<3	1.37	.02	.06	<2
L10900E 12750N	1	58	10	48	.5	29	10	997	1.85	5	<8	<2	<2	117	.5	<3	<3	49	2.53	.074	13	28	.45	704	.03	3	1.02	.02	.05	<2
L10900E 12700N	1	27	8	38	<.3	22	8	341	1.84	5	<8	<2	2	53	.2	<3	<3	49	.93	.066	14	34	.51	624	.04	3	1.19	.02	.06	<2
L10900E 12675N	<1	12	16	25	<.3	10	3	118	1.25	2	<8	<2	<2	13	.2	<3	<3	39	.15	.021	10	17	.26	392	.04	4	.85	.02	.04	<2
L10900E 12650N	1	7	10	28	.4	9	3	138	1.49	4	<8	<2	2	15	.3	<3	<3	65	.18	.012	8	19	.25	192	.08	<3	.85	.01	.04	<2
L10900E 12625N	1	11	21	33	.5	13	5	202	1.76	4	<8	<2	3	24	.2	<3	<3	53	.37	.016	10	27	.44	417	.08	5	1.02	.01	.06	<2
L10900E 12600N	1	21	11	53	.6	15	7	284	1.96	6	<8	<2	2	35	.3	<3	<3	67	.46	.024	9	30	.43	702	.06	3	1.17	.02	.07	2
L10900E 12575N	1	35	11	43	.3	28	10	591	2.15	5	<8	<2	2	49	.3	<3	3	57	.85	.078	12	33	.52	542	.04	3	1.21	.02	.06	<2
L10900E 12550N	2	22	7	51	.6	18	7	330	2.05	5	<8	<2	<2	31	.4	<3	<3	68	.42	.039	8	30	.50	279	.05	<3	1.15	.02	.08	<2
L10900E 12525N	1	49	8	54	.4	26	10	506	2.51	6	<8	<2	2	46	.4	<3	<3	71	.66	.050	17	38	.38	396	.04	5	1.68	.02	.06	<2
L10900E 12500N	<1	22	8	45	<.3	27	9	267	2.30	5	<8	<2	3	29	.3	<3	<3	57	.48	.043	11	35	.66	225	.07	<3	1.36	.02	.07	<2
L10900E 12475N	<1	35	9	49	<.3	26	9	310	2.37	7	<8	<2	2	35	.2	<3	<3	60	.49	.053	12	34	.50	385	.03	5	1.40	.02	.06	2
STANDARD DS3	10	127	34	154	.4	36	12	797	3.11	30	<8	<2	3	28	5.9	5	7	78	.54	.092	17	187	.59	147	.09	<3	1.73	.04	.16	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	<3	42	<.3	6	4	589	1.80	<2	<8	<2	5	76	<.2	<3	<3	38	.60	.116	9	14	.58	229	.13	7	.89	.09	.52	4
L10900E 12450N	2	40	11	61	<.3	24	11	399	2.78	13	<8	<2	2	30	<.2	<3	<3	73	.38	.055	12	35	.57	243	.03	7	1.56	.02	.07	2
L10900E 12425N	1	29	9	61	<.3	24	11	489	2.58	9	<8	<2	2	48	<.2	<3	<3	66	.77	.064	13	38	.63	388	.04	4	1.42	.02	.07	<2
L10900E 12400N	<1	30	9	68	<.3	20	9	408	2.05	7	<8	<2	2	73	.3	<3	<3	53	1.41	.081	12	34	.51	428	.03	<3	1.25	.02	.06	<2
L10900E 12375N	1	29	9	49	.3	21	10	550	2.05	5	<8	<2	2	72	.3	<3	<3	56	1.37	.084	13	34	.52	433	.03	3	1.20	.02	.06	2
L10900E 12350N	1	30	6	46	<.3	23	9	509	2.07	6	<8	<2	2	44	.3	<3	<3	53	.73	.070	13	30	.52	332	.05	<3	1.10	.03	.06	<2
L10900E 12325N	2	37	11	56	<.3	24	10	370	2.16	8	<8	<2	2	50	<.2	<3	<3	57	.90	.076	14	33	.52	366	.04	4	1.16	.03	.07	2
L10900E 12300N	2	48	15	66	.3	31	11	475	2.54	10	<8	<2	4	54	.3	<3	4	69	.88	.075	19	35	.58	483	.04	5	1.37	.03	.08	2
L10900E 12275N	2	23	9	57	<.3	20	8	363	2.10	6	<8	<2	2	45	.3	<3	3	56	.81	.090	13	30	.54	277	.05	<3	1.04	.02	.07	2
L10900E 12250N	1	26	8	47	<.3	24	9	445	2.25	7	<8	<2	2	40	.2	<3	<3	58	.64	.074	14	35	.58	432	.04	<3	1.40	.02	.06	<2
L10900E 12225N	1	26	11	57	<.3	21	8	286	2.23	8	<8	<2	2	32	.3	<3	<3	63	.49	.040	12	32	.52	408	.04	3	1.37	.02	.06	2
L10900E 12200N	1	24	6	36	<.3	18	8	428	1.58	5	<8	<2	<2	50	<.2	<3	<3	42	.83	.073	10	24	.44	371	.04	<3	.97	.03	.06	<2
L10900E 12175N	<1	33	5	57	<.3	25	8	385	2.16	8	<8	<2	2	49	.2	<3	<3	56	.86	.053	14	33	.52	532	.04	<3	1.34	.02	.06	2
L10900E 12150N	1	38	15	71	<.3	26	11	447	2.48	8	<8	<2	3	45	.3	<3	<3	71	.72	.082	14	38	.68	318	.05	4	1.28	.02	.08	2
L10900E 12125N	<1	26	5	49	<.3	15	6	447	1.55	5	<8	<2	<2	59	.4	<3	<3	40	.99	.090	11	25	.37	403	.03	<3	.93	.03	.05	2
L10900E 12100N	2	40	14	67	<.3	28	10	439	2.61	10	<8	<2	3	48	<.2	<3	<3	72	.72	.078	14	34	.62	406	.05	6	1.52	.02	.08	2
L10900E 12075N	<1	29	9	48	<.3	23	9	503	2.14	8	<8	<2	2	47	.2	<3	<3	58	.86	.061	13	33	.52	498	.05	3	1.32	.02	.07	<2
RE L10900E 12075N	<1	28	9	47	<.3	23	9	507	2.13	5	<8	<2	2	47	.4	<3	<3	57	.87	.060	13	34	.52	502	.05	<3	1.31	.02	.07	2
L10900E 12050N	1	38	18	62	<.3	25	9	527	2.48	9	<8	<2	3	40	.2	<3	<3	68	.62	.062	15	37	.56	392	.05	3	1.30	.02	.07	2
L10900E 12025N	1	33	14	54	<.3	21	9	385	2.11	9	<8	<2	<2	56	<.2	<3	<3	58	.96	.077	10	30	.51	358	.04	3	1.18	.03	.06	<2
L10900E 12000N	1	28	11	74	<.3	22	9	353	2.37	9	<8	<2	2	40	<.2	<3	<3	69	.66	.050	8	32	.53	382	.02	3	1.25	.02	.07	<2
L10900E 11975N	1	31	10	54	<.3	21	8	418	2.08	8	<8	<2	<2	60	.2	<3	<3	56	1.09	.086	13	31	.47	391	.03	<3	1.19	.02	.06	<2
L10900E 11900N	1	41	9	73	<.3	25	8	316	2.37	8	<8	<2	4	48	<.2	<3	<3	67	.84	.095	16	35	.59	328	.05	<3	1.17	.03	.08	<2
L10900E 11875N	1	37	8	58	.4	22	7	296	2.09	5	<8	<2	<2	62	.2	<3	<3	54	1.19	.071	14	28	.48	392	.03	5	1.14	.03	.07	<2
L10900E 11850N	1	31	8	67	<.3	21	9	305	2.30	7	<8	<2	2	33	.3	<3	<3	65	.38	.059	11	31	.54	282	.04	4	1.18	.02	.07	<2
L10900E 11825N	1	30	9	58	<.3	22	11	362	2.35	6	<8	<2	2	30	.2	<3	4	64	.40	.054	12	31	.57	268	.05	<3	1.27	.02	.07	<2
L10900E 11800N	2	34	11	78	<.3	24	10	417	2.44	7	<8	<2	3	47	.2	<3	<3	74	.66	.069	11	36	.62	376	.05	<3	1.19	.02	.07	2
L10900E 11750N	1	54	11	71	.3	31	10	392	2.71	11	<8	<2	3	54	.2	<3	<3	73	.88	.094	16	38	.65	340	.05	<3	1.29	.03	.09	<2
L10900E 11725N	1	55	8	68	.3	29	10	1091	2.52	10	<8	<2	2	56	.5	<3	<3	62	1.00	.085	15	29	.52	356	.04	<3	1.10	.03	.09	<2
L10900E 11700N	2	36	10	73	<.3	23	10	476	2.56	9	<8	<2	3	43	.2	<3	<3	77	.49	.096	13	34	.54	270	.05	3	.99	.02	.08	<2
L10900E 11675N	2	39	12	68	<.3	23	9	392	2.05	6	<8	<2	2	54	.6	<3	<3	57	.91	.087	15	25	.48	304	.04	<3	.96	.03	.09	<2
L10900E 11650N	2	30	6	63	<.3	19	10	597	2.09	6	<8	<2	<2	42	.2	<3	<3	57	.57	.095	12	26	.48	322	.04	<3	1.02	.03	.06	<2
L10900E 11625N	1	39	10	53	<.3	22	14	1059	2.27	8	<8	<2	<2	55	<.2	<3	<3	61	.88	.068	14	29	.45	418	.03	<3	1.14	.03	.06	<2
L10900E 11600N	1	37	6	59	<.3	25	9	370	2.37	7	<8	<2	4	42	.3	<3	<3	66	.71	.086	16	31	.58	305	.06	9	1.10	.02	.08	<2
STANDARD DS3	9	122	35	160	<.3	36	12	818	3.21	32	10	<2	3	28	5.9	5	5	79	.55	.095	18	189	.61	147	.08	<3	1.79	.04	.17	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	4	43	<.3	6	5	600	1.73	<2	<8	<2	6	79	<.2	<3	<3	37	.63	.121	10	14	.59	232	.13	4	.92	.09	.52	5
L10900E 11575N	1	45	9	65	<.3	29	11	349	2.66	9	<8	<2	3	33	<.2	<3	<3	72	.45	.080	16	35	.66	343	.06	<3	1.36	.02	.09	<2
L10900E 11550N	1	50	14	59	.3	29	9	354	2.47	8	<8	<2	3	51	<.2	<3	<3	67	.83	.084	16	33	.57	400	.05	3	1.28	.03	.08	2
L10900E 11525N	1	42	9	57	<.3	24	9	327	2.14	7	<8	<2	2	46	<.2	<3	<3	61	.78	.080	13	30	.52	376	.05	6	1.09	.03	.07	2
L10900E 11500N	1	9	<3	16	<.3	5	3	67	.66	<2	<8	<2	<2	22	.2	<3	<3	21	.37	.027	5	8	.10	199	.02	3	.39	.03	.03	<2
L10900E 11475N	2	30	9	65	<.3	24	10	289	2.62	9	<8	<2	2	36	<.2	<3	3	80	.48	.057	10	33	.58	231	.05	<3	1.28	.02	.07	<2
L10900E 11450N	2	61	10	66	<.3	33	10	374	2.48	10	<8	<2	2	56	<.2	<3	4	66	.82	.066	25	32	.51	525	.04	3	1.33	.03	.08	2
L10900E 11425N	1	52	12	73	.4	29	12	463	2.92	10	<8	<2	8	60	.3	<3	<3	90	.94	.117	24	36	.74	329	.09	4	1.25	.04	.10	2
L10900E 11400N	1	28	10	72	<.3	24	10	371	2.59	8	<8	<2	2	35	.3	<3	<3	73	.49	.046	11	35	.59	400	.06	3	1.53	.02	.09	2
L10900E 11375N	1	12	12	56	<.3	13	5	199	1.76	4	<8	<2	<2	16	.3	<3	<3	60	.19	.021	8	30	.52	138	.07	<3	1.18	.01	.09	<2
L10900E 11350N	1	11	6	51	<.3	12	5	155	1.54	5	<8	<2	<2	16	.3	<3	<3	51	.20	.023	8	25	.34	93	.05	3	.82	.01	.08	<2
L10900E 11325N	1	45	11	61	<.3	28	11	421	2.49	10	<8	<2	2	45	<.2	<3	<3	70	.54	.083	17	31	.56	364	.04	4	1.24	.02	.08	2
L10900E 11300N	1	42	8	61	<.3	27	10	356	2.55	8	<8	<2	3	49	.2	<3	<3	75	.76	.086	15	35	.64	373	.06	3	1.26	.03	.08	2
L10900E 11275N	1	41	10	52	<.3	24	10	426	2.20	7	<8	<2	2	56	.2	<3	<3	54	.84	.081	13	32	.51	498	.03	5	1.30	.03	.07	<2
L10900E 11250N	1	45	11	76	.3	28	10	578	2.24	7	<8	<2	3	49	.3	<3	<3	66	.82	.083	15	32	.59	519	.04	4	1.28	.02	.08	<2
L10900E 11225N	4	44	13	58	<.3	31	14	448	3.68	17	<8	<2	3	44	<.2	<3	<3	80	.59	.094	17	40	.62	438	.05	<3	1.32	.02	.07	2
L10900E 11200N	<1	25	6	29	<.3	12	4	159	1.23	4	<8	<2	<2	35	.2	<3	<3	36	.47	.112	9	20	.27	363	.02	<3	.85	.03	.04	<2
L10900E 11175N	2	50	12	67	<.3	32	9	369	2.62	9	<8	<2	3	43	<.2	<3	<3	70	.52	.085	15	37	.62	428	.05	3	1.40	.02	.08	2
L10900E 11150N	2	55	14	69	<.3	30	11	404	2.47	8	<8	<2	2	49	.2	<3	<3	66	.61	.096	19	37	.56	567	.04	<3	1.45	.02	.08	2
L10900E 11125N	1	37	10	88	<.3	24	8	326	1.97	8	<8	<2	<2	68	.5	<3	<3	49	1.16	.086	13	28	.46	590	.03	4	1.23	.02	.07	2
L10900E 11100N	1	43	11	71	<.3	23	7	276	1.83	6	<8	<2	<2	72	.5	<3	<3	45	1.43	.083	13	28	.43	529	.03	6	1.19	.02	.06	2
L10900E 11075N	2	47	11	56	<.3	31	10	314	2.68	11	<8	<2	3	45	.2	<3	<3	78	.59	.054	12	41	.70	487	.07	3	1.60	.02	.10	<2
L10900E 11050N	1	41	7	97	.4	24	12	939	2.01	8	<8	<2	<2	71	.6	<3	<3	48	.94	.104	14	29	.46	701	.02	6	1.31	.02	.06	2
RE L10900E 11050N	2	41	7	97	.5	26	12	970	2.02	7	<8	<2	<2	73	.5	<3	<3	48	.96	.106	15	30	.46	718	.02	5	1.32	.02	.06	3
L10900E 11025N	2	44	10	75	<.3	22	11	1382	2.23	7	<8	<2	<2	57	.4	<3	<3	59	.71	.106	15	30	.46	668	.02	<3	1.51	.02	.07	2
L10900E 11000N	1	30	6	42	<.3	17	9	948	1.40	4	<8	<2	<2	40	.2	<3	<3	39	.51	.077	13	19	.30	425	.03	3	.88	.04	.05	<2
L11000E 13000N	1	41	12	68	<.3	28	10	755	2.45	10	<8	<2	4	68	<.2	<3	<3	64	1.63	.084	15	33	.61	370	.05	5	1.12	.03	.10	2
L11000E 12975N	2	45	13	70	.3	29	10	450	2.51	11	<8	<2	4	50	.3	<3	<3	70	.97	.093	17	34	.62	376	.04	5	1.13	.03	.10	2
L11000E 12950N	2	49	15	69	.5	30	11	513	2.50	10	<8	<2	4	53	.3	<3	<3	70	.97	.088	18	33	.62	428	.04	5	1.22	.03	.09	2
L11000E 12925N	2	47	14	67	<.3	26	10	464	2.34	11	<8	<2	4	57	.3	<3	<3	63	1.12	.092	14	26	.55	364	.05	7	1.07	.04	.10	<2
L11000E 12900N	2	54	16	76	.3	32	12	605	2.79	12	<8	<2	4	58	.3	<3	<3	73	1.07	.094	18	34	.69	415	.05	4	1.32	.03	.10	<2
L11000E 12875N	1	30	10	35	.5	16	9	527	1.51	4	<8	<2	<2	59	<.2	<3	<3	40	1.06	.079	17	20	.34	609	.03	4	.96	.03	.05	<2
L11000E 12850N	4	49	15	61	<.3	26	9	351	2.46	10	<8	<2	3	39	<.2	<3	<3	64	.55	.083	18	33	.62	440	.05	5	1.26	.02	.08	2
L11000E 12825N	2	92	17	51	<.3	34	12	553	2.57	11	<8	<2	4	41	.2	<3	<3	63	.58	.079	39	44	.67	764	.05	<3	1.77	.02	.08	<2
STANDARD DS3	9	126	35	159	<.3	36	12	822	3.22	32	8	<2	4	28	5.6	6	5	80	.55	.095	18	180	.61	151	.09	7	1.79	.04	.17	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	3	37	<.3	4	3	506	1.73	<2	<8	<2	4	72	<.2	<3	<3	35	.53	.089	8	13	.51	215	.12	<3	.85	.10	.48	3
L11000E 12800N	5	65	51	67	<.3	22	18	1021	3.05	10	<8	<2	2	28	.5	<3	4	69	.34	.049	13	33	.44	587	.04	<3	1.49	.01	.07	<2
L11000E 12775N	2	32	8	45	<.3	22	7	320	2.13	9	<8	<2	2	30	.3	<3	<3	59	.41	.038	9	29	.48	399	.04	<3	1.06	.02	.06	<2
L11000E 12750N	3	47	8	57	.8	30	7	220	2.41	12	<8	<2	3	63	.2	<3	<3	59	.65	.054	15	35	.57	482	.03	<3	1.48	.03	.08	2
L11000E 12725N	4	231	14	41	.5	37	11	391	2.09	10	12	<2	<2	73	.2	<3	<3	56	1.02	.074	31	32	.49	789	.03	<3	1.42	.03	.08	<2
L11000E 12700N	2	39	11	53	<.3	26	10	434	2.49	10	<8	<2	3	53	<.2	<3	<3	63	.77	.057	13	38	.62	442	.05	<3	1.45	.02	.09	2
L11000E 12675N	1	35	9	41	<.3	21	8	377	1.69	6	<8	<2	<2	41	.3	<3	<3	43	.83	.064	11	25	.41	356	.03	<3	.92	.03	.06	<2
L11000E 12650N	1	49	6	64	<.3	30	9	469	1.98	8	<8	<2	2	83	.3	<3	<3	52	1.65	.080	18	29	.49	385	.03	<3	1.08	.03	.07	2
L11000E 12625N	1	44	10	60	<.3	27	10	439	2.22	11	<8	<2	2	63	.4	<3	<3	55	1.46	.077	12	30	.50	358	.04	<3	1.07	.03	.09	2
L11000E 12600N	2	41	9	69	.7	27	11	489	2.32	9	<8	<2	3	72	.5	<3	<3	65	1.65	.076	12	35	.62	328	.05	<3	1.15	.03	.10	<2
L11000E 12575N	2	45	5	60	.3	29	10	451	2.31	11	<8	<2	3	70	.4	<3	<3	61	1.44	.076	16	34	.60	350	.04	<3	1.20	.03	.08	<2
L11000E 12550N	<1	19	5	44	<.3	17	8	423	1.74	7	<8	<2	<2	38	.2	<3	<3	46	.60	.071	9	26	.45	215	.04	<3	.92	.03	.06	<2
L11000E 12525N	1	33	6	47	<.3	21	6	235	1.92	7	<8	<2	<2	30	.4	<3	<3	53	.44	.042	13	26	.42	308	.03	<3	1.05	.02	.07	<2
L11000E 12500N	2	32	9	51	<.3	26	9	231	2.59	12	<8	<2	2	27	<.2	<3	<3	66	.38	.027	10	36	.59	344	.03	<3	1.49	.02	.06	<2
L11000E 12475N	2	47	10	65	.3	28	10	426	2.43	12	<8	<2	3	67	.4	<3	<3	61	1.63	.082	13	33	.58	275	.05	<3	1.10	.03	.09	2
L11000E 12450N	1	45	7	56	.8	30	10	379	2.12	8	<8	<2	2	52	.4	<3	<3	53	1.02	.084	13	35	.52	264	.04	3	1.06	.03	.08	2
L11000E 12425N	<1	32	9	77	<.3	22	7	212	1.69	7	<8	<2	2	56	.4	<3	<3	50	1.16	.074	13	35	.51	306	.03	<3	1.07	.02	.07	2
L11000E 12400N	2	38	8	46	.3	26	10	622	2.08	8	<8	<2	2	51	.2	<3	<3	54	.97	.071	12	32	.54	333	.04	<3	1.15	.03	.06	2
L11000E 12375N	1	19	6	37	<.3	14	5	190	1.47	7	<8	<2	<2	32	<.2	<3	<3	39	.53	.071	7	19	.33	154	.04	<3	.61	.03	.05	<2
L11000E 12350N	1	22	9	43	<.3	23	8	270	2.12	9	<8	<2	3	37	.2	<3	<3	52	.66	.057	11	32	.58	251	.06	<3	1.05	.02	.06	<2
L11000E 12325N	1	36	12	54	.4	23	8	427	2.09	9	<8	<2	<2	62	.3	<3	<3	59	1.21	.066	13	25	.42	681	.03	<3	.90	.03	.06	2
RE L11000E 12325N	2	36	13	53	<.3	23	7	424	2.08	10	<8	<2	<2	62	.4	<3	<3	58	1.21	.065	12	23	.41	679	.03	<3	.89	.03	.06	<2
L11000E 12300N	2	34	5	60	<.3	23	9	413	2.32	11	<8	<2	2	59	.3	<3	<3	63	.88	.091	13	33	.54	314	.04	<3	1.10	.03	.07	2
L11000E 12275N	1	23	10	52	<.3	15	9	746	1.59	5	<8	<2	<2	82	.8	<3	<3	40	1.23	.082	10	29	.37	407	.03	<3	.93	.03	.05	<2
L11000E 12250N	1	11	11	32	<.3	11	4	140	1.40	5	<8	<2	2	22	<.2	<3	<3	52	.31	.023	9	23	.34	216	.06	<3	.93	.01	.06	<2
L11000E 12225N	2	38	13	55	<.3	27	9	280	2.60	11	<8	<2	3	32	<.2	<3	<3	73	.39	.038	9	35	.53	278	.03	<3	1.53	.02	.06	<2
L11000E 12200N	1	35	8	44	.4	27	10	562	2.11	8	<8	<2	2	59	.3	<3	<3	53	.92	.058	15	31	.51	487	.04	<3	1.21	.02	.06	2
L11000E 12175N	2	41	14	53	.6	23	8	1182	1.83	6	<8	<2	3	54	.3	<3	<3	51	.94	.088	13	26	.48	409	.04	4	.91	.03	.07	2
L11000E 12150N	2	24	11	76	<.3	20	8	365	1.62	3	<8	<2	2	57	.6	<3	<3	46	.94	.080	11	29	.48	407	.03	<3	1.13	.02	.05	2
L11000E 12125N	1	27	10	79	<.3	21	10	670	2.14	7	<8	<2	2	72	.5	<3	<3	51	1.05	.087	12	30	.49	475	.02	<3	1.31	.03	.06	<2
L11000E 12100N	3	63	11	62	<.3	30	10	214	2.01	8	<8	<2	3	77	.7	<3	<3	59	.95	.081	15	29	.53	307	.04	<3	.97	.03	.09	<2
L11000E 12075N	2	33	11	56	<.3	20	8	504	1.91	8	<8	<2	<2	74	.3	<3	<3	49	1.21	.063	11	28	.47	382	.03	<3	1.07	.03	.06	2
L11000E 12050N	2	37	14	63	<.3	21	8	337	1.85	6	<8	<2	3	51	.4	<3	<3	54	.71	.084	13	29	.53	304	.04	<3	1.01	.03	.07	<2
L11000E 12025N	1	42	8	55	.3	25	9	544	2.00	9	<8	<2	2	41	.4	<3	<3	51	.57	.095	14	27	.47	320	.03	<3	1.03	.03	.07	<2
STANDARD DS3	10	122	37	154	<.3	37	12	799	3.13	32	<8	<2	4	27	5.6	5	6	78	.54	.092	18	182	.59	150	.08	<3	1.74	.04	.17	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	3	5	39	<.3	4	4	543	1.81	<2	<8	<2	6	75	<.2	<3	<3	38	.57	.096	8	12	.55	228	.12	<3	.85	.10	.51	2
L11000E 12000N	2	21	7	45	<.3	22	8	286	2.07	5	<8	<2	3	36	<.2	<3	<3	55	.58	.075	11	30	.59	319	.06	<3	1.09	.02	.06	<2
L11000E T.L.12000N	2	32	15	54	<.3	22	10	440	2.40	6	<8	<2	3	39	<.2	<3	<3	67	.60	.084	15	33	.62	400	.05	<3	1.21	.02	.06	2
L11000E 11975N	1	13	8	41	<.3	13	5	175	1.80	5	<8	<2	2	18	.2	<3	<3	51	.28	.030	9	22	.39	231	.04	3	1.04	.01	.05	<2
L11000E 11950N	2	14	11	40	<.3	13	5	192	2.52	7	<8	<2	2	13	<.2	<3	<3	69	.16	.032	8	27	.42	101	.05	<3	1.14	.01	.06	<2
L11000E 11925N	2	22	9	40	<.3	15	6	161	2.15	6	<8	<2	2	22	<.2	<3	<3	66	.21	.051	9	24	.38	167	.03	<3	1.16	.01	.04	<2
L11000E 11900N	2	28	3	68	<.3	23	10	2528	3.83	15	<8	<2	2	69	.4	<3	<3	62	1.11	.091	11	27	.48	605	.03	5	1.15	.03	.06	<2
L11000E 11875N	2	33	9	62	<.3	22	8	515	2.22	6	<8	<2	3	48	<.2	<3	<3	61	.65	.091	12	28	.53	328	.04	6	1.03	.03	.07	<2
L11000E 11850N	2	32	9	44	<.3	20	13	1474	3.80	11	<8	<2	<2	61	.3	<3	<3	55	.74	.074	11	23	.40	532	.03	<3	1.08	.03	.05	<2
L11000E 11825N	2	33	11	79	<.3	21	10	400	2.34	9	<8	<2	3	40	.3	<3	<3	68	.54	.093	14	27	.53	247	.04	3	.97	.03	.07	2
L11000E 11800N	2	36	8	57	<.3	21	8	629	1.99	7	<8	<2	3	50	.3	<3	<3	53	.79	.083	13	22	.48	290	.04	<3	.92	.03	.07	<2
L11000E 11775N	1	39	12	51	<.3	22	8	356	2.19	9	<8	<2	3	49	<.2	<3	<3	61	.66	.083	14	26	.53	336	.04	4	.98	.03	.07	<2
L11000E 11750N	5	53	7	56	<.3	38	14	9999	4.56	16	<8	<2	2	73	.4	<3	<3	54	1.16	.102	13	22	.41	1354	.03	<3	.88	.03	.06	<2
RE L11000E 11750N	4	55	3	56	<.3	38	15	10074	4.60	16	<8	<2	2	74	.5	<3	<3	54	1.17	.100	13	20	.41	1371	.03	<3	.88	.03	.06	<2
L11000E 11725N	2	29	3	36	<.3	16	8	2890	1.90	4	<8	<2	<2	68	.4	<3	<3	34	1.27	.094	7	11	.23	428	.02	3	.61	.04	.04	<2
L11000E 11700N	1	43	10	69	<.3	23	10	873	2.42	9	<8	<2	3	52	.3	<3	<3	64	.82	.084	14	28	.53	388	.04	3	.99	.03	.09	<2
L11000E 11675N	1	39	11	64	<.3	23	9	468	2.17	7	<8	<2	2	59	<.2	<3	<3	60	.91	.089	14	27	.51	382	.03	3	1.04	.03	.07	<2
L11000E 11650N	1	39	10	54	<.3	23	8	268	2.10	7	<8	<2	2	53	<.2	<3	<3	58	.97	.075	14	29	.50	352	.04	3	1.05	.03	.07	<2
L11000E 11625N	1	26	7	38	<.3	14	6	383	1.21	4	<8	<2	<2	56	.2	<3	<3	32	.96	.075	9	14	.26	398	.02	<3	.78	.03	.04	<2
L11000E 11600N	2	44	10	69	.5	25	10	448	2.50	9	<8	<2	4	58	.3	<3	<3	69	.95	.104	15	30	.61	345	.05	4	1.04	.03	.08	<2
L11000E 11575N	2	32	9	68	<.3	22	8	258	2.74	8	<8	<2	2	22	<.2	<3	<3	74	.23	.047	8	29	.49	190	.03	3	1.34	.01	.06	<2
L11000E 11550N	3	19	10	65	<.3	13	5	179	2.28	7	<8	<2	2	24	.2	<3	<3	80	.33	.028	7	25	.38	169	.03	<3	.97	.01	.05	2
L11000E 11525N	<1	7	<3	14	<.3	4	3	61	.74	<2	<8	<2	<2	9	<.2	<3	<3	21	.09	.018	5	6	.12	133	.02	3	.38	.03	.03	<2
L11000E 11500N	3	31	10	62	<.3	19	8	219	2.99	10	<8	<2	2	24	<.2	<3	<3	82	.20	.041	12	31	.53	245	.03	<3	1.66	.01	.06	<2
L11000E 11475N	2	25	9	60	<.3	19	10	331	2.66	8	8	<2	3	45	<.2	<3	<3	67	.63	.082	11	41	.75	346	.05	3	1.42	.02	.07	<2
L11000E 11450N	1	26	10	62	<.3	25	9	278	2.44	7	<8	<2	3	20	<.2	<3	<3	58	.26	.057	11	34	.59	208	.04	4	1.41	.02	.08	<2
L11000E 11425N	1	29	9	51	<.3	17	7	279	1.75	4	<8	<2	<2	56	<.2	<3	<3	46	.87	.077	12	27	.46	402	.03	4	1.15	.02	.06	<2
L11000E 11400N	1	37	7	56	<.3	22	10	288	2.27	7	<8	<2	2	37	<.2	<3	<3	59	.43	.077	13	29	.52	354	.03	<3	1.19	.02	.06	<2
L11000E 11375N	2	21	3	26	<.3	13	10	1990	3.12	9	<8	<2	<2	105	.2	<3	<3	28	1.39	.084	8	12	.20	527	.02	<3	.72	.04	.04	<2
L11000E 11350N	3	36	11	61	<.3	20	13	307	2.96	9	8	<2	2	78	.2	<3	<3	64	1.12	.081	11	35	.59	432	.03	3	1.29	.02	.08	<2
L11000E 11325N	2	44	9	79	<.3	24	12	1176	2.71	10	9	<2	2	70	.7	<3	<3	55	1.13	.085	13	34	.55	656	.03	<3	1.35	.02	.06	<2
L11000E 11300N	1	49	11	70	<.3	22	10	366	2.07	4	<8	<2	2	54	<.2	<3	<3	51	.86	.073	13	32	.48	654	.03	5	1.29	.02	.06	2
L11000E 11250N	3	32	10	45	<.3	17	8	1640	1.70	4	<8	<2	<2	72	.3	<3	<3	40	.92	.091	10	18	.33	442	.02	4	.94	.04	.04	<2
L11000E 11225N	5	44	10	65	<.3	21	9	547	2.65	8	<8	<2	3	51	<.2	<3	<3	64	.69	.083	13	32	.55	494	.03	3	1.28	.02	.06	<2
STANDARD DS3	10	127	36	163	<.3	35	13	839	3.27	31	8	<2	4	28	5.9	5	5	81	.56	.097	18	188	.62	157	.08	<3	1.73	.04	.18	5

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	4	<3	39	<.3	5	4	526	1.78	<2	<8	<2	4	71	<.2	<3	<3	37	.54	.093	7	12	.53	221	.12	3	.85	.09	.49	2
L11000E 11200N	1	41	5	57	.3	20	8	253	1.82	4	<8	<2	2	52	<.2	<3	<3	50	.73	.074	13	29	.46	441	.03	<3	1.06	.02	.05	<2
L11000E 11175N	2	41	6	70	<.3	21	8	303	1.70	3	<8	<2	<2	60	.2	<3	<3	46	.76	.082	14	31	.47	586	.03	<3	1.18	.02	.05	<2
L11000E 11150N	2	39	8	63	<.3	17	7	267	1.90	4	<8	<2	<2	59	.2	<3	<3	55	.85	.084	12	25	.42	437	.03	<3	.96	.02	.06	<2
L11000E 11125N	3	41	8	81	<.3	21	8	297	2.06	9	<8	<2	<2	56	<.2	<3	<3	55	.78	.065	10	27	.46	504	.03	<3	1.30	.02	.06	2
L11000E 11100N	2	40	5	80	<.3	21	8	293	2.05	7	<8	<2	<2	53	.3	<3	<3	56	.74	.075	13	30	.49	464	.03	<3	1.24	.03	.06	2
L11000E 11075N	2	34	7	56	<.3	20	8	215	2.17	7	<8	<2	3	36	.2	<3	<3	56	.40	.098	13	29	.50	339	.05	3	.89	.02	.07	2
L11000E 11050N	3	55	12	61	<.3	25	10	334	2.33	8	<8	<2	2	51	<.2	<3	<3	66	.70	.090	17	32	.55	359	.04	<3	1.18	.03	.08	2
L11000E 11025N	3	42	6	66	<.3	23	8	284	2.22	9	<8	<2	2	39	.2	<3	<3	63	.51	.094	12	31	.54	239	.05	<3	1.04	.03	.07	2
L11000E 11000N	2	45	10	65	<.3	24	9	281	2.52	11	<8	<2	2	33	<.2	<3	<3	69	.37	.085	13	32	.56	309	.04	<3	1.20	.02	.06	<2
L11100E 13000N	1	23	4	47	<.3	17	7	315	1.70	6	<8	<2	<2	48	<.2	<3	<3	44	.96	.070	9	27	.43	301	.04	<3	.97	.03	.06	<2
L11100E 12975N	1	35	13	62	<.3	21	9	615	1.90	5	<8	<2	3	70	.2	<3	<3	56	1.97	.087	14	30	.55	376	.04	<3	1.09	.03	.08	<2
L11100E 12950N	4	27	6	57	.6	17	8	209	1.83	5	<8	<2	3	119	.2	<3	<3	43	.83	.078	12	30	.56	185	.04	6	1.01	.02	.07	<2
L11100E 12925N	8	24	11	56	.6	18	7	278	1.81	5	8	<2	2	169	.3	<3	<3	44	.90	.076	11	28	.55	271	.04	5	1.16	.03	.06	<2
L11100E 12900N	1	33	15	61	<.3	19	8	304	1.86	7	<8	<2	2	66	.3	<3	<3	52	.91	.063	12	28	.48	279	.04	<3	1.05	.02	.07	<2
L11100E 12875N	3	16	4	43	<.3	18	8	205	2.03	6	<8	<2	2	33	.2	<3	<3	56	.44	.026	8	32	.56	259	.05	<3	1.23	.02	.06	2
RE L11100E 12875N	2	15	7	41	<.3	17	7	196	1.96	6	<8	<2	2	31	<.2	<3	<3	53	.42	.025	7	32	.54	245	.05	<3	1.16	.01	.05	<2
L11100E 12850N	3	23	9	39	<.3	14	7	230	1.89	6	<8	<2	<2	61	<.2	<3	<3	54	.75	.043	8	29	.41	203	.04	<3	.99	.01	.06	<2
L11100E 12825N	2	38	6	46	<.3	22	8	393	2.00	8	<8	<2	2	87	.2	<3	<3	50	.88	.069	13	29	.53	330	.03	<3	1.07	.02	.06	<2
L11100E 12800N	4	34	6	57	<.3	21	8	251	2.21	8	<8	<2	2	76	<.2	<3	<3	62	.90	.055	9	31	.55	328	.03	4	1.24	.03	.06	2
L11100E 12775N	6	62	8	60	.8	21	8	1373	1.83	8	9	<2	2	120	.4	<3	<3	48	1.63	.097	13	24	.42	535	.02	4	1.04	.03	.06	<2
L11100E 12750N	2	42	8	47	<.3	17	8	677	1.74	5	<8	<2	<2	86	.2	<3	<3	51	1.27	.092	11	25	.38	430	.02	<3	.92	.03	.05	<2
L11100E 12725N	2	48	6	80	.8	27	8	312	2.42	11	<8	<2	3	93	.3	<3	<3	57	1.61	.089	13	31	.66	265	.04	5	1.19	.03	.11	2
L11100E 12700N	3	27	9	55	<.3	18	8	359	2.10	7	<8	<2	2	70	<.2	<3	<3	57	1.04	.062	10	31	.54	337	.03	3	1.26	.02	.06	<2
L11100E 12675N	1	35	<3	33	<.3	14	4	403	.57	<2	<8	<2	<2	149	.6	<3	<3	12	2.86	.096	4	5	.15	305	.01	6	.51	.03	.03	<2
L11100E 12650N	1	31	7	57	.4	20	9	300	1.87	7	<8	<2	2	105	.4	<3	<3	54	1.23	.080	12	26	.50	204	.04	7	.87	.03	.07	2
L11100E 12625N	2	27	7	61	<.3	19	8	450	1.81	6	<8	<2	2	113	.4	<3	<3	46	.98	.057	9	28	.56	233	.03	7	.93	.03	.08	2
L11100E 12600N	3	31	3	47	<.3	16	7	386	1.57	6	9	<2	2	188	<.2	<3	<3	39	1.35	.073	10	24	.51	224	.02	6	.82	.03	.06	2
L11100E 12575N	1	29	6	44	.3	14	5	294	1.25	3	10	<2	<2	108	.3	<3	<3	34	1.19	.073	8	16	.36	227	.03	4	.72	.04	.05	<2
L11100E 12550N	2	19	7	55	<.3	16	7	331	1.77	6	<8	<2	2	50	<.2	<3	<3	51	.78	.027	7	27	.50	270	.04	3	1.02	.02	.06	2
L11100E 12525N	1	40	7	91	.3	23	9	561	2.21	7	<8	<2	<2	74	.6	<3	<3	62	1.38	.091	12	29	.53	482	.03	5	1.08	.03	.08	2
L11100E 12500N	2	52	10	76	.7	32	12	368	2.78	11	<8	<2	3	57	.3	<3	<3	73	1.08	.082	14	41	.82	335	.06	4	1.41	.03	.11	2
L11100E 12475N	1	22	7	34	<.3	15	5	168	1.54	5	<8	<2	<2	41	<.2	<3	<3	45	.77	.041	7	22	.39	257	.04	3	.93	.02	.05	2
L11100E 12450N	1	31	10	56	<.3	19	9	534	2.01	7	<8	<2	<2	61	.3	<3	<3	53	1.31	.076	13	29	.50	296	.04	3	1.01	.03	.07	<2
STANDARD DS3	9	125	37	161	<.3	35	12	818	3.21	31	<8	<2	4	28	5.7	5	5	79	.55	.096	18	184	.61	154	.08	<3	1.77	.04	.17	3

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	3	40	<.3	5	4	555	1.89	<2	<8	<2	4	71	<.2	<3	<3	39	.57	.097	9	16	.56	222	.12	<3	.85	.08	.49	3
L11100E 12425N	1	24	11	59	<.3	19	8	421	1.67	4	<8	<2	<2	65	.3	<3	<3	43	1.31	.084	10	28	.46	312	.03	<3	1.01	.02	.06	2
L11100E 12400N	1	22	4	45	<.3	16	6	301	1.48	4	<8	<2	<2	48	.2	<3	<3	41	.82	.082	9	23	.42	271	.03	<3	.94	.03	.04	<2
L11100E 12375N	<1	15	<3	21	<.3	9	4	106	.90	2	<8	<2	<2	21	<.2	<3	<3	23	.35	.041	8	10	.16	174	.02	<3	.58	.04	.04	<2
L11100E 12350N	1	15	5	39	<.3	13	5	125	1.53	5	<8	<2	<2	18	<.2	<3	<3	44	.25	.023	6	19	.30	165	.02	<3	.89	.02	.04	<2
L11100E 12325N	1	23	5	49	.3	19	9	417	2.03	6	<8	<2	2	39	.2	<3	<3	57	.67	.048	12	31	.46	189	.04	5	.91	.02	.06	<2
L11100E 12300N	2	22	9	56	<.3	18	7	349	1.95	8	<8	<2	2	54	<.2	<3	<3	52	.80	.082	11	27	.50	252	.04	<3	1.02	.02	.06	2
L11100E 12275N	1	16	<3	25	<.3	11	5	326	.93	2	<8	<2	<2	82	.3	<3	<3	21	1.34	.073	6	11	.25	287	.02	4	.65	.04	.04	<2
L11100E 12250N	1	27	6	53	<.3	16	6	583	1.39	4	<8	<2	<2	84	.4	<3	<3	36	1.54	.064	8	19	.31	363	.02	<3	.79	.03	.05	<2
L11100E 12225N	1	25	8	71	<.3	20	8	365	2.08	8	<8	<2	2	55	.2	<3	<3	52	.92	.087	13	33	.53	287	.04	<3	1.06	.02	.07	2
L11100E 12200N	2	30	9	83	<.3	21	8	478	2.28	8	<8	<2	<2	60	.2	<3	<3	59	.90	.077	11	29	.51	379	.03	<3	1.22	.02	.06	2
L11100E 12175N	2	24	9	73	<.3	22	10	1285	2.36	7	<8	<2	3	60	.2	<3	<3	57	.87	.089	13	35	.55	397	.04	<3	1.21	.02	.06	2
RE L11100E 12175N	1	24	9	72	<.3	22	10	1280	2.35	10	<8	<2	2	60	.2	<3	<3	55	.86	.087	13	34	.55	394	.04	<3	1.20	.02	.06	<2
L11100E 12150N	1	19	6	63	<.3	17	8	445	1.87	4	<8	<2	<2	77	.2	<3	<3	42	1.12	.086	11	25	.40	431	.02	<3	1.08	.03	.05	2
L11100E 12125N	4	37	11	72	<.3	25	10	293	2.13	9	<8	<2	4	57	.4	<3	<3	62	.73	.084	15	36	.58	357	.04	5	1.17	.03	.07	<2
L11100E 12100N	2	31	9	44	<.3	19	7	424	1.41	2	10	<2	<2	80	.2	<3	<3	36	1.03	.076	9	22	.34	355	.03	3	.91	.03	.05	<2
L11100E 12075N	1	24	9	63	.3	20	9	650	1.83	7	<8	<2	2	58	.2	<3	<3	48	1.01	.084	10	27	.45	360	.03	3	1.03	.03	.06	2
L11100E 12050N	2	37	4	35	<.3	27	10	2120	1.62	7	<8	<2	<2	78	.6	<3	<3	34	1.22	.078	12	19	.22	468	.02	<3	.75	.03	.04	<2
L11100E 12025N	2	27	5	53	<.3	20	8	276	2.29	7	<8	<2	<2	45	<.2	<3	<3	57	.70	.069	11	26	.40	285	.03	<3	1.04	.02	.05	<2
L11100E 12000N	1	43	11	71	.3	26	10	469	2.29	10	<8	<2	3	53	.2	<3	<3	66	.83	.094	14	35	.61	327	.05	6	1.18	.03	.08	2
L11100E 11975N	2	36	10	62	<.3	26	10	570	2.45	11	<8	<2	2	47	.2	<3	3	64	.71	.075	11	34	.55	319	.05	<3	1.14	.02	.07	2
L11100E 11950N	2	46	10	66	<.3	28	10	397	2.47	10	<8	<2	3	51	.2	<3	<3	67	.74	.083	14	39	.63	398	.04	<3	1.29	.02	.07	<2
L11100E 11925N	2	37	11	68	<.3	26	11	1208	3.33	13	<8	<2	3	47	<.2	<3	<3	74	.63	.091	15	34	.57	396	.04	6	1.09	.03	.07	<2
L11100E 11900N	1	45	10	62	.3	27	8	1025	2.17	6	<8	<2	3	68	<.2	<3	<3	63	.96	.106	15	34	.55	383	.04	<3	1.02	.03	.07	<2
L11100E 11875N	1	49	11	67	.3	31	11	1442	2.27	8	<8	<2	2	65	.4	<3	<3	64	.92	.084	14	32	.54	474	.03	<3	1.23	.03	.06	<2
L11100E 11850N	2	52	13	90	.4	36	12	375	2.38	8	<8	<2	4	63	.5	<3	<3	72	.89	.084	16	44	.72	428	.05	3	1.30	.03	.09	2
L11100E 11825N	2	49	11	64	<.3	23	9	632	3.14	18	<8	<2	2	79	.3	<3	<3	56	1.11	.092	14	29	.46	404	.03	3	1.07	.03	.06	<2
L11100E 11800N	1	40	7	75	<.3	25	10	742	2.26	8	<8	<2	2	69	.3	<3	<3	52	1.17	.079	13	32	.50	534	.03	4	1.18	.02	.06	2
L11100E 11775N	1	33	10	50	<.3	25	12	1293	2.16	9	<8	<2	2	74	.2	<3	<3	51	1.34	.086	12	31	.47	531	.03	3	1.12	.02	.06	<2
L11100E 11750N	2	51	7	57	.8	27	10	397	2.21	9	<8	<2	2	52	.3	<3	<3	62	.91	.067	19	31	.52	344	.04	3	1.24	.03	.07	2
L11100E 11725N	1	31	12	55	<.3	23	8	276	2.33	9	<8	<2	2	38	<.2	<3	<3	64	.63	.046	11	33	.55	321	.04	<3	1.37	.01	.07	<2
L11100E 11700N	1	47	12	67	.3	32	12	406	2.72	12	<8	<2	2	36	<.2	<3	<3	68	.53	.079	14	36	.63	393	.04	<3	1.50	.02	.07	2
L11100E 11675N	2	48	15	81	<.3	28	11	409	3.04	13	<8	<2	4	40	<.2	<3	<3	90	.51	.053	10	38	.68	221	.05	4	1.49	.02	.08	2
L11100E 11650N	2	30	5	53	<.3	24	9	280	2.19	6	<8	<2	2	29	<.2	<3	<3	60	.35	.030	9	33	.51	311	.05	<3	1.13	.02	.07	<2
STANDARD DS3	9	122	37	155	<.3	37	12	799	3.14	32	<8	<2	4	28	5.6	5	6	78	.54	.093	18	190	.59	149	.09	<3	1.71	.04	.17	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	2	<3	37	<.3	5	4	526	1.77	<2	<8	<2	4	67	<.2	<3	<3	35	.53	.095	7	13	.52	206	.12	3	.80	.07	.46	2
L11100E 11625N	1	31	7	58	<.3	21	10	605	2.21	8	<8	<2	<2	51	.2	<3	<3	59	.83	.085	10	33	.56	374	.04	<3	1.19	.02	.06	2
L11100E 11600N	2	42	6	54	<.3	29	11	516	2.21	7	<8	<2	2	64	.5	<3	<3	54	1.16	.094	14	34	.56	438	.04	3	1.23	.02	.07	<2
L11100E 11575N	1	37	5	61	<.3	27	10	330	2.49	7	<8	<2	2	37	.2	<3	<3	62	.56	.061	12	36	.71	296	.05	<3	1.40	.02	.08	<2
L11100E 11550N	2	34	5	59	<.3	24	9	481	2.14	6	<8	<2	2	49	.3	<3	<3	56	.67	.075	11	31	.58	298	.04	<3	1.09	.02	.07	<2
L11100E 11525N	1	15	<3	30	<.3	10	5	417	.85	<2	<8	<2	<2	45	<.2	<3	<3	22	.69	.047	4	10	.15	167	.02	<3	.40	.04	.04	<2
L11100E 11500N	3	32	8	53	<.3	20	9	497	1.82	6	<8	<2	2	53	.4	<3	<3	48	.72	.092	10	22	.42	280	.03	<3	.81	.03	.06	<2
L11100E 11475N	2	48	10	56	.5	29	11	459	3.82	26	<8	<2	3	67	.2	<3	4	67	.86	.083	15	34	.55	415	.04	<3	1.28	.02	.07	<2
L11100E 11450N	1	37	5	49	<.3	23	8	359	2.04	7	<8	<2	2	68	<.2	<3	<3	52	.95	.072	12	30	.51	344	.04	3	1.16	.02	.07	<2
L11100E 11425N	1	21	3	27	<.3	12	5	147	1.21	4	<8	<2	<2	34	<.2	<3	<3	30	.62	.032	5	15	.20	189	.02	3	.70	.04	.04	<2
L11100E 11400N	1	41	5	59	<.3	34	12	371	2.87	10	<8	<2	3	22	.2	<3	<3	69	.25	.068	10	36	.63	206	.05	4	1.86	.01	.10	<2
L11100E 11375N	2	30	9	71	<.3	24	16	977	3.32	11	<8	<2	2	67	.6	<3	3	49	1.15	.094	12	27	.46	625	.02	4	1.37	.03	.06	<2
L11100E 11350N	1	44	9	88	.5	28	12	366	2.26	9	<8	<2	2	55	.2	<3	<3	65	.80	.092	16	39	.57	635	.03	3	1.52	.02	.07	2
L11100E 11325N	5	39	10	123	<.3	26	9	232	1.98	7	<8	<2	2	75	.4	<3	<3	64	.78	.087	14	41	.64	550	.03	<3	1.42	.02	.07	2
L11100E 11300N	4	45	6	119	<.3	21	11	399	2.83	16	<8	<2	<2	85	1.6	<3	<3	65	1.30	.142	15	30	.42	507	.02	<3	1.30	.02	.04	2
L11100E 11275N	3	48	6	54	.3	23	8	687	1.78	7	<8	<2	<2	49	.4	<3	<3	42	.71	.089	12	23	.34	361	.02	3	1.06	.03	.06	<2
L11100E 11250N	3	32	9	60	<.3	21	10	537	1.95	6	<8	<2	<2	57	.3	<3	<3	49	.76	.092	12	31	.51	422	.03	<3	1.26	.02	.06	<2
L11100E 11225N	4	36	3	62	<.3	22	10	422	2.18	7	<8	<2	2	41	.3	<3	<3	56	.53	.099	12	32	.44	448	.02	<3	1.31	.02	.05	<2
L11100E 11200N	2	31	5	49	<.3	18	9	397	1.77	4	<8	<2	<2	40	.3	<3	<3	45	.57	.086	11	26	.43	321	.03	<3	1.02	.03	.05	<2
L11100E 11175N	2	10	8	30	<.3	9	4	142	1.41	4	<8	<2	<2	22	<.2	<3	<3	47	.29	.023	8	22	.29	146	.05	<3	.87	.01	.05	<2
L11100E 11150N	3	34	5	53	<.3	25	10	298	2.48	11	<8	<2	2	25	.2	<3	<3	64	.30	.061	10	34	.53	271	.04	3	1.51	.01	.07	<2
RE L11100E 11150N	2	35	10	53	<.3	26	10	299	2.47	11	<8	<2	2	25	.3	<3	3	64	.30	.061	10	32	.53	269	.04	<3	1.50	.01	.07	<2
L11100E 11125N	1	37	8	52	<.3	23	9	286	2.23	9	<8	<2	<2	34	<.2	<3	<3	60	.45	.046	16	33	.46	571	.03	<3	1.61	.01	.07	<2
L11100E 11100N	2	23	9	49	<.3	15	7	243	2.02	7	<8	<2	<2	28	<.2	<3	<3	66	.30	.031	7	26	.39	312	.04	<3	1.17	.01	.05	<2
L11100E 11075N	2	38	7	54	<.3	26	11	344	2.53	9	<8	<2	3	31	<.2	<3	<3	66	.34	.055	13	38	.54	496	.04	<3	1.64	.02	.07	<2
L11100E 11050N	2	27	12	47	<.3	21	8	314	2.17	8	<8	<2	2	35	<.2	<3	<3	58	.48	.065	13	31	.54	342	.06	<3	1.15	.02	.06	<2
L11100E 11025N	2	27	8	55	<.3	18	7	298	2.08	9	<8	<2	2	33	<.2	<3	<3	60	.35	.056	10	30	.44	239	.04	3	1.32	.01	.06	<2
L11100E 11000N	2	24	8	34	<.3	13	6	136	1.56	6	<8	<2	<2	21	<.2	<3	<3	43	.23	.029	7	17	.28	203	.03	<3	.97	.03	.05	<2
L11200E 13000N	2	22	7	53	<.3	17	8	179	1.66	6	<8	<2	2	73	.2	<3	<3	40	1.03	.054	9	29	.48	218	.05	<3	.99	.02	.06	<2
L11200E 12975N	2	14	8	47	<.3	19	8	284	2.62	10	<8	<2	2	16	.2	<3	<3	65	.24	.054	11	35	.51	135	.08	<3	1.15	.01	.05	<2
L11200E 12950N	3	33	21	50	<.3	20	11	410	2.90	14	<8	<2	2	14	.2	<3	3	87	.15	.056	8	33	.48	135	.06	3	1.34	.01	.06	<2
L11200E 12925N	4	70	20	63	<.3	32	13	416	3.01	16	<8	<2	2	52	.3	<3	<3	90	.84	.049	15	42	.75	436	.03	<3	1.68	.02	.08	<2
L11200E 12900N	1	39	14	45	<.3	23	10	508	2.18	9	<8	<2	2	60	.2	<3	<3	65	1.09	.043	17	35	.50	561	.04	<3	1.33	.02	.06	<2
L11200E 12875N	2	14	12	33	<.3	14	7	201	2.02	7	<8	<2	2	16	<.2	<3	<3	59	.24	.016	8	30	.41	297	.06	3	1.26	.01	.05	<2
STANDARD DS3	11	123	36	155	<.3	36	12	806	3.16	32	<8	<2	4	28	5.8	5	6	77	.54	.095	18	190	.60	145	.08	<3	1.74	.04	.17	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	4	40	<.3	5	4	538	1.85	<2	<8	<2	4	71	<.2	<3	<3	37	.56	.095	8	15	.54	220	.12	<3	.80	.08	.47	3
L11200E 12850N	2	18	7	54	<.3	17	6	235	2.36	9	<8	<2	2	21	.2	<3	<3	79	.26	.034	6	29	.45	129	.06	5	.88	.01	.08	<2
L11200E 12825N	1	17	8	58	<.3	17	7	270	2.84	10	<8	<2	2	16	.4	<3	<3	83	.17	.020	8	34	.48	167	.08	<3	1.29	.01	.07	2
L11200E 12800N	<1	16	9	46	<.3	22	9	264	2.81	10	<8	<2	2	17	.3	<3	<3	67	.23	.024	8	36	.58	191	.08	4	1.34	.01	.07	<2
L11200E 12775N	3	30	10	75	<.3	23	11	297	2.46	9	<8	<2	<2	42	.3	<3	<3	80	.54	.045	7	37	.55	352	.03	<3	1.32	.02	.05	2
L11200E 12750N	3	31	10	74	<.3	22	11	279	2.41	8	<8	<2	3	96	.2	<3	<3	67	.85	.084	14	38	.74	202	.04	4	1.23	.02	.08	2
L11200E 12725N	5	26	9	72	<.3	18	10	740	2.23	7	<8	<2	3	114	.3	<3	<3	62	.96	.081	12	36	.67	236	.04	5	1.19	.02	.08	<2
L11200E 12700N	4	36	10	73	<.3	27	11	437	2.53	9	<8	<2	3	87	<.2	<3	<3	65	.90	.087	15	37	.72	227	.04	3	1.23	.02	.09	2
L11200E 12650N	2	50	5	55	<.3	25	10	422	1.98	5	13	<2	<2	166	.4	<3	<3	46	1.89	.098	18	28	.53	310	.03	4	1.05	.02	.06	<2
L11200E 12625N	2	34	10	73	<.3	25	10	433	2.32	8	<8	<2	2	67	<.2	<3	<3	66	.58	.079	14	35	.64	327	.04	3	1.22	.02	.07	2
L11200E 12600N	<1	25	7	73	<.3	22	8	201	2.01	6	<8	<2	<2	34	<.2	<3	<3	59	.54	.055	11	29	.55	234	.04	<3	1.13	.02	.06	<2
L11200E 12575N	1	32	8	92	<.3	25	8	431	2.09	8	<8	<2	<2	64	.6	<3	<3	52	1.19	.085	12	29	.53	358	.03	5	1.08	.02	.07	2
L11200E 12550N	<1	29	10	68	<.3	24	9	187	1.70	5	<8	<2	2	51	.2	<3	<3	58	1.03	.072	12	34	.59	316	.04	<3	1.08	.02	.06	2
L11200E 12525N	<1	29	5	57	<.3	21	8	437	1.97	6	<8	<2	<2	65	.2	<3	<3	50	1.34	.079	11	30	.53	350	.03	<3	1.04	.02	.06	<2
L11200E 12500N	1	27	9	69	<.3	22	9	436	2.18	6	<8	<2	<2	55	.5	<3	<3	47	.98	.078	11	27	.50	320	.04	4	1.05	.02	.06	3
RE L11200E 12500N	1	27	9	68	<.3	22	9	431	2.17	7	<8	<2	<2	55	.3	<3	<3	48	.98	.078	11	29	.50	321	.04	4	1.06	.02	.06	2
L11200E 12475N	1	45	8	72	<.3	31	10	407	2.85	10	<8	<2	2	46	.3	<3	<3	76	.87	.083	12	40	.90	224	.06	3	1.33	.02	.08	2
L11200E 12450N	1	43	10	64	<.3	31	10	321	2.46	10	<8	<2	3	45	.2	<3	<3	59	.84	.069	13	33	.64	225	.05	3	1.09	.02	.08	2
L11200E 12425N	3	43	12	71	<.3	38	12	462	2.83	9	<8	<2	4	56	.3	<3	<3	73	1.07	.082	16	40	.93	225	.08	4	1.36	.03	.11	3
L11200E 12400N	1	37	7	67	<.3	26	8	342	2.09	6	<8	<2	2	56	.4	<3	<3	53	1.08	.079	13	30	.55	265	.04	4	1.00	.02	.08	<2
L11200E 12375N	1	35	8	65	<.3	24	8	310	1.91	5	<8	<2	2	54	.3	<3	<3	51	1.03	.075	12	29	.53	263	.04	4	.99	.02	.07	<2
L11200E 12350N	2	43	15	74	.3	29	10	280	2.76	11	<8	<2	3	55	.3	<3	<3	67	.81	.084	15	36	.65	231	.04	4	1.15	.02	.08	2
L11200E 12325N	2	32	10	71	<.3	21	8	521	2.12	7	<8	<2	2	66	.4	<3	<3	54	1.11	.082	12	28	.51	298	.03	4	1.03	.02	.07	2
L11200E 12300N	1	38	12	82	.3	23	8	338	2.24	7	<8	<2	2	63	.4	<3	<3	59	1.09	.083	14	33	.54	315	.04	4	1.06	.02	.07	2
L11200E 12275N	1	28	10	82	.6	22	7	320	2.37	9	<8	<2	3	51	<.2	<3	<3	60	.77	.093	14	35	.61	246	.05	3	1.06	.02	.09	<2
L11200E 12250N	2	39	11	73	.3	23	9	412	2.30	7	<8	<2	3	53	.3	<3	<3	60	.73	.075	15	32	.57	231	.04	4	1.02	.02	.08	2
L11200E 12225N	1	34	12	67	<.3	22	9	399	1.94	5	<8	<2	2	72	.4	<3	<3	47	1.21	.075	12	29	.49	263	.03	4	.93	.02	.07	2
L11200E 12200N	2	47	14	76	.4	29	10	436	2.60	10	<8	<2	4	51	.4	<3	<3	65	.71	.091	14	30	.57	225	.05	4	.94	.03	.09	2
L11200E 12175N	1	34	10	63	<.3	21	7	419	2.01	9	<8	<2	2	42	.2	<3	<3	51	.62	.081	11	23	.44	250	.04	4	.84	.03	.06	<2
L11200E 12150N	1	38	11	58	.5	23	9	575	2.08	7	<8	<2	2	41	.2	<3	<3	53	.59	.083	14	28	.46	324	.03	<3	1.01	.02	.06	2
L11200E 12125N	<1	21	10	43	<.3	21	7	309	2.02	6	<8	<2	3	33	<.2	<3	<3	53	.47	.067	13	32	.54	250	.05	3	1.03	.02	.05	<2
L11200E 12100N	1	46	14	69	<.3	31	10	334	2.62	10	<8	<2	4	40	.3	<3	<3	65	.56	.085	14	34	.62	289	.05	4	1.20	.02	.08	2
L11200E 12075N	1	35	13	63	<.3	29	12	521	2.38	8	<8	<2	2	48	.2	<3	<3	62	.69	.082	13	35	.61	377	.04	<3	1.32	.02	.07	2
L11200E 12050N	<1	33	11	83	<.3	24	8	377	2.03	6	<8	<2	2	58	.3	<3	<3	52	.98	.073	11	27	.51	321	.04	3	1.05	.02	.07	2
STANDARD DS3	10	124	32	162	<.3	37	12	825	3.24	31	<8	<2	4	29	5.8	5	4	80	.56	.096	18	188	.61	155	.09	3	1.72	.04	.17	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	3	<3	40	<.3	5	4	547	1.84	<2	<8	<2	5	72	<.2	<3	<3	39	.57	.095	8	14	.54	208	.12	3	.80	.08	.48	2
L11200E 12025N	2	28	12	93	<.3	24	16	942	2.86	12	<8	<2	3	61	.3	<3	<3	73	.94	.091	13	32	.63	384	.04	4	1.28	.02	.09	<2
L11200E 11975N	1	29	6	48	<.3	19	7	677	1.92	6	<8	<2	3	38	.3	<3	<3	54	.53	.085	13	27	.47	216	.05	5	.80	.02	.06	<2
L11200E 11950N	<1	22	4	36	<.3	12	5	180	1.16	<2	<8	<2	<2	49	<.2	<3	<3	32	.72	.053	7	14	.25	196	.03	3	.69	.03	.04	<2
L11200E 11925N	3	52	11	80	.5	34	12	2237	2.83	12	<8	<2	3	98	.4	<3	<3	66	1.34	.094	14	35	.70	477	.04	5	1.47	.03	.10	2
L11200E 11900N	1	32	6	41	<.3	18	7	164	1.66	4	<8	<2	<2	28	<.2	<3	<3	40	.33	.045	7	20	.30	369	.02	<3	1.16	.04	.06	<2
L11200E 11875N	1	20	8	45	<.3	20	8	217	2.09	7	<8	<2	2	35	<.2	<3	<3	55	.52	.072	13	34	.58	201	.05	3	1.23	.02	.06	<2
L11200E 11850N	<1	53	5	49	<.3	24	7	293	1.91	5	12	<2	<2	116	.4	<3	3	49	1.65	.094	14	31	.45	530	.03	6	1.14	.02	.06	<2
L11200E 11825N	1	24	6	54	<.3	19	7	245	1.92	4	<8	<2	2	39	<.2	<3	<3	50	.58	.078	11	30	.49	209	.05	3	1.05	.03	.08	<2
L11200E 11800N	5	35	15	91	<.3	20	9	1784	4.15	20	<8	<2	2	68	<.2	<3	<3	86	1.02	.119	12	38	.55	507	.03	3	1.44	.02	.07	2
L11200E 11775N	2	48	10	99	<.3	28	8	970	3.00	14	<8	<2	2	70	.4	<3	<3	73	1.07	.116	16	42	.64	544	.04	3	1.41	.02	.08	2
L11200E 11750N	1	40	10	58	<.3	23	9	758	2.49	10	<8	<2	<2	58	.2	<3	4	70	.70	.091	13	33	.58	464	.04	<3	1.30	.02	.07	<2
L11200E 11725N	3	24	8	65	<.3	20	8	391	2.76	7	<8	<2	2	50	.2	<3	<3	75	.72	.089	11	39	.78	272	.07	<3	1.34	.03	.08	2
L11200E 11700N	1	38	9	57	<.3	23	8	555	2.30	9	<8	<2	3	55	<.2	<3	<3	62	.74	.082	14	31	.56	327	.05	3	1.10	.03	.07	<2
L11200E 11675N	3	21	7	68	<.3	20	10	439	2.03	8	<8	<2	3	41	.2	<3	<3	61	.57	.099	12	33	.64	210	.06	<3	.99	.02	.07	2
L11200E 11650N	13	36	8	88	<.3	23	15	1446	4.78	24	9	<2	2	81	.6	<3	<3	62	1.10	.100	12	31	.52	541	.03	<3	1.25	.02	.06	2
L11200E 11625N	12	53	4	45	<.3	28	16	1563	2.94	10	16	<2	<2	81	.3	<3	<3	53	1.20	.077	10	20	.31	366	.02	5	1.02	.03	.06	<2
L11200E 11600N	2	39	5	43	<.3	20	12	1097	1.65	4	8	<2	<2	118	.3	<3	<3	34	1.63	.081	9	22	.33	447	.02	4	.88	.03	.05	<2
L11200E 11575N	5	42	9	89	<.3	21	10	751	2.84	10	12	<2	2	87	.3	<3	<3	65	1.32	.091	12	36	.61	457	.04	3	1.40	.02	.08	<2
L11200E 11550N	1	44	8	61	.3	25	11	604	2.59	10	<8	<2	3	59	<.2	<3	<3	71	.76	.084	15	33	.61	400	.05	3	1.33	.03	.08	<2
L11200E 11525N	3	36	9	117	<.3	21	8	1694	2.31	6	<8	<2	2	94	.5	<3	<3	56	1.33	.094	12	36	.59	477	.03	5	1.34	.02	.08	2
L11200E 11500N	2	36	10	56	<.3	24	10	409	2.39	7	<8	<2	2	73	<.2	<3	<3	60	1.12	.063	12	34	.65	423	.04	4	1.37	.02	.07	<2
RE L11200E 11500N	2	33	8	53	.3	22	10	384	2.26	7	8	<2	2	69	.2	<3	<3	57	1.06	.059	11	32	.61	401	.04	3	1.28	.02	.07	<2
L11200E 11475N	1	25	8	76	<.3	17	8	806	1.99	5	<8	<2	<2	71	.2	<3	<3	48	1.21	.096	10	26	.46	434	.03	5	1.04	.03	.06	2
L11200E 11325N	<1	43	11	88	<.3	22	8	209	1.74	5	<8	<2	2	59	.4	<3	<3	61	.80	.088	14	33	.55	490	.03	4	1.33	.02	.06	2
L11200E 11300N	1	33	6	70	<.3	22	10	502	2.39	7	<8	<2	3	42	.2	<3	<3	67	.56	.106	12	33	.74	300	.08	4	1.13	.03	.07	<2
L11200E 11275N	2	42	9	70	.3	25	9	342	2.61	9	<8	<2	3	46	<.2	<3	<3	66	.61	.099	15	34	.72	315	.06	3	1.27	.03	.08	<2
L11200E 11250N	2	20	8	58	<.3	16	6	286	1.84	3	<8	<2	3	34	.2	<3	3	53	.46	.107	14	30	.61	210	.07	3	1.01	.02	.07	<2
L11200E 11225N	5	43	4	77	.3	23	9	842	2.51	8	<8	<2	2	44	.4	<3	<3	66	.53	.133	18	37	.64	478	.04	4	1.41	.02	.07	2
L11200E 11200N	2	44	6	81	.3	28	10	436	2.72	9	<8	<2	2	30	<.2	<3	<3	68	.37	.069	13	35	.66	353	.05	4	1.64	.02	.09	<2
L11200E 11175N	<1	16	6	35	<.3	14	5	196	1.64	5	<8	<2	<2	21	.2	<3	3	46	.31	.058	9	23	.36	172	.04	<3	.95	.02	.05	<2
L11200E 11150N	1	14	10	33	<.3	9	3	117	1.48	6	<8	<2	<2	26	.2	<3	<3	62	.43	.020	9	22	.28	262	.06	<3	.93	.01	.05	<2
L11200E 11125N	3	50	10	69	.4	23	9	265	3.87	14	<8	<2	2	24	<.2	<3	<3	122	.13	.037	8	33	.50	173	.04	<3	1.94	.01	.07	2
L11200E 11100N	4	39	10	84	.3	24	10	418	3.90	12	<8	<2	3	24	<.2	<3	<3	99	.16	.045	9	40	.70	190	.06	3	2.27	.01	.10	2
STANDARD DS3	10	125	36	162	.3	35	12	826	3.23	31	9	<2	4	29	5.6	4	5	81	.56	.096	18	186	.61	146	.09	3	1.73	.04	.18	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	2	<3	38	<.3	6	4	546	1.84	<2	<8	<2	5	73	<.2	<3	<3	37	.58	.096	8	13	.54	209	.12	3	.84	.08	.47	2
L11200E 11075N	2	21	15	54	<.3	18	7	308	3.35	12	<8	<2	3	17	.2	<3	<3	94	.16	.032	10	34	.53	137	.09	<3	1.49	.01	.08	2
L11200E 11050N	4	32	12	64	<.3	23	8	335	2.67	10	<8	<2	2	32	<.2	<3	<3	87	.30	.042	9	31	.57	209	.06	<3	1.39	.02	.06	2
L11200E 11025N	2	34	8	61	.3	27	8	239	2.22	8	<8	<2	<2	30	<.2	<3	<3	54	.32	.057	10	33	.54	527	.03	<3	1.79	.03	.09	<2
L11200E 11000N	3	37	8	63	<.3	24	8	329	2.69	10	<8	<2	<2	26	<.2	<3	3	73	.21	.066	10	34	.56	200	.04	<3	1.63	.01	.07	2
L11300E 13000N	40	22	12	128	<.3	9	7	433	2.34	4	<8	<2	<2	25	.4	<3	<3	90	.20	.037	9	23	.20	224	.04	<3	1.24	.01	.04	2
L11300E 12975N	4	43	8	71	<.3	26	9	450	2.49	7	<8	<2	3	84	.2	<3	<3	69	.99	.093	14	32	.57	300	.05	3	1.01	.03	.09	2
L11300E 12950N	13	13	11	62	<.3	17	8	281	2.32	5	<8	<2	2	35	<.2	<3	<3	76	.50	.096	10	35	.61	182	.05	<3	1.04	.02	.08	2
L11300E 12925N	2	20	9	24	<.3	10	5	173	1.47	4	<8	<2	<2	27	.3	<3	<3	51	.45	.026	5	17	.20	292	.04	<3	.66	.03	.06	<2
L11300E 12900N	1	15	9	19	<.3	11	5	136	1.45	5	<8	<2	<2	25	<.2	<3	<3	47	.39	.015	5	17	.24	228	.04	<3	.85	.03	.05	<2
L11300E 12875N	3	67	21	43	<.3	31	12	367	2.71	13	<8	<2	4	59	<.2	<3	5	82	.90	.024	22	32	.54	472	.04	<3	1.41	.03	.08	2
L11300E 12850N	2	12	7	24	<.3	13	6	152	1.63	4	<8	<2	2	31	.2	<3	<3	47	.54	.019	7	20	.29	300	.05	<3	.95	.02	.05	<2
L11300E 12825N	1	16	4	16	<.3	9	4	194	1.05	<2	<8	<2	<2	41	.3	<3	<3	30	.80	.022	5	11	.16	279	.04	<3	.60	.03	.04	<2
L11300E 12800N	4	42	13	61	<.3	24	9	459	2.28	6	<8	<2	3	81	.3	<3	<3	68	.92	.095	15	32	.56	292	.05	<3	.98	.03	.07	<2
L11300E 12775N	3	39	9	64	<.3	25	9	305	2.42	7	<8	<2	3	68	.2	<3	<3	70	.83	.095	15	30	.57	304	.05	<3	.96	.03	.07	2
L11300E 12750N	3	46	8	44	<.3	20	7	230	1.68	5	<8	<2	2	88	.4	<3	<3	49	1.21	.062	12	24	.47	279	.04	4	.81	.03	.07	<2
L11300E 12725N	4	29	8	74	<.3	24	10	391	2.17	7	<8	<2	3	57	.3	<3	<3	58	.72	.090	13	27	.54	270	.05	<3	.98	.02	.09	2
L11300E 12700N	3	29	17	77	<.3	22	10	518	2.11	5	<8	<2	3	64	.3	<3	<3	60	1.14	.094	14	38	.63	457	.05	<3	1.13	.02	.08	3
L11300E 12675N	9	22	11	88	<.3	18	10	1041	2.47	13	<8	<2	3	57	.4	<3	<3	66	.98	.094	14	37	.57	457	.04	<3	1.23	.02	.08	3
L11300E 12650N	11	33	13	73	.3	26	11	1114	2.36	10	<8	<2	3	87	.3	<3	<3	65	.78	.094	16	37	.62	337	.04	3	1.22	.02	.08	2
L11300E 12625N	27	45	14	85	.4	28	11	1993	2.34	8	18	<2	2	159	1.0	<3	<3	62	1.11	.091	15	37	.63	435	.04	<3	1.32	.03	.07	3
L11300E 12600N	17	23	10	60	<.3	20	9	591	2.11	5	20	<2	3	71	<.2	<3	<3	62	.56	.066	13	32	.54	294	.05	<3	1.28	.02	.06	2
L11300E 12575N	4	14	11	49	<.3	16	7	297	1.94	5	<8	<2	2	26	<.2	<3	<3	60	.32	.028	9	30	.51	142	.07	<3	1.08	.01	.07	2
L11300E 12550N	4	20	10	61	<.3	19	7	342	2.19	8	<8	<2	2	46	.2	<3	<3	62	.58	.086	10	31	.52	287	.04	<3	1.21	.02	.06	2
L11300E 12525N	3	8	<3	19	<.3	6	6	548	.99	<2	<8	<2	<2	26	.2	<3	<3	22	.31	.067	4	10	.12	129	.02	<3	.42	.03	.03	<2
RE L11300E 12525N	2	7	<3	18	<.3	5	7	535	.95	<2	<8	<2	<2	26	<.2	<3	<3	21	.30	.067	4	10	.12	127	.02	<3	.41	.03	.03	<2
L11300E 12500N	4	23	6	51	<.3	18	8	281	1.86	5	<8	<2	2	35	<.2	<3	<3	51	.48	.093	12	28	.44	205	.04	<3	.88	.02	.06	2
L11300E 12475N	4	21	10	57	<.3	17	9	407	2.35	5	<8	<2	2	35	<.2	<3	<3	56	.47	.090	12	31	.48	254	.03	<3	1.14	.02	.06	2
L11300E 12450N	2	11	6	38	<.3	11	9	953	1.69	4	<8	<2	<2	28	<.2	<3	<3	39	.38	.089	8	21	.31	210	.03	<3	.84	.03	.04	<2
L11300E 12425N	2	19	8	52	<.3	17	9	834	2.17	5	<8	<2	2	34	.2	<3	<3	57	.47	.095	11	30	.51	300	.04	<3	1.17	.02	.06	<2
L11300E 12400N	1	10	7	40	<.3	13	6	326	1.28	2	<8	<2	<2	27	.2	<3	<3	40	.42	.082	10	23	.39	207	.04	<3	.94	.02	.04	2
L11300E 12375N	1	21	11	60	<.3	21	8	244	1.92	4	<8	<2	3	38	<.2	<3	<3	58	.52	.079	12	32	.54	328	.04	<3	1.21	.02	.06	2
L11300E 12350N	1	37	13	60	<.3	22	11	361	2.62	9	<8	<2	3	44	.3	<3	<3	71	.58	.099	15	35	.57	438	.03	<3	1.47	.02	.07	2
L11300E 12325N	1	30	11	55	<.3	20	9	352	1.94	6	<8	<2	3	35	<.2	<3	<3	59	.52	.075	11	32	.54	303	.05	<3	1.13	.02	.07	2
STANDARD DS3	9	123	34	157	<.3	36	12	811	3.17	30	<8	<2	4	29	5.6	4	5	80	.56	.094	19	186	.60	148	.09	3	1.75	.04	.17	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	4	5	40	<.3	5	4	553	1.89	<2	<8	<2	4	74	<.2	<3	<3	39	.58	.097	9	14	.55	214	.13	<3	.88	.08	.48	3
L11300E 12300N	1	41	12	48	<.3	29	10	623	2.11	7	<8	<2	3	50	.3	<3	<3	57	.84	.080	15	32	.52	533	.04	<3	1.33	.02	.06	2
L11300E 12275N	1	22	13	39	<.3	18	6	249	1.87	6	<8	<2	2	32	<.2	<3	<3	56	.49	.043	12	27	.38	459	.06	<3	1.14	.01	.06	<2
L11300E 12250N	1	26	10	56	<.3	25	9	342	2.23	6	<8	<2	2	29	<.2	<3	<3	60	.40	.071	14	33	.56	296	.07	<3	1.33	.02	.07	<2
L11300E 12225N	2	51	16	61	<.3	32	13	423	3.18	10	<8	<2	3	25	<.2	<3	<3	78	.30	.101	14	42	.72	185	.06	<3	1.95	.02	.06	<2
L11300E 12200N	1	23	11	46	.3	21	8	211	2.70	10	<8	<2	3	16	.2	<3	<3	71	.21	.044	9	32	.50	134	.06	3	1.63	.01	.06	2
L11300E 12175N	2	49	13	67	.3	28	9	373	2.65	11	<8	<2	3	43	.2	<3	<3	68	.66	.073	15	32	.56	342	.05	4	1.24	.03	.08	2
L11300E 12150N	1	41	11	62	<.3	24	9	476	2.11	8	<8	<2	2	57	.3	<3	<3	55	1.10	.091	12	23	.47	215	.05	3	.93	.04	.08	2
L11300E 12125N	2	39	9	76	<.3	26	9	379	2.46	8	<8	<2	3	53	<.2	<3	<3	69	.75	.095	14	31	.60	212	.06	3	1.05	.03	.09	<2
L11300E 12100N	2	48	14	75	<.3	31	11	478	2.68	11	<8	<2	3	42	.4	<3	<3	67	.65	.080	15	31	.60	215	.06	4	1.10	.03	.10	2
L11300E 12075N	3	58	12	92	<.3	66	17	757	3.25	14	<8	<2	4	70	.5	<3	<3	72	1.66	.088	16	51	1.18	299	.10	3	1.66	.03	.16	2
L11300E 12050N	4	44	15	82	.3	30	11	644	2.64	9	<8	<2	3	64	.4	<3	<3	72	.79	.094	15	33	.64	393	.06	4	1.17	.03	.10	2
L11300E 12025N	3	41	11	68	.3	28	10	535	2.19	7	<8	<2	2	78	.3	<3	<3	59	1.03	.064	14	31	.54	302	.04	3	1.12	.03	.08	<2
L11300E 12000N	7	43	12	60	<.3	21	8	191	1.62	3	10	<2	<2	79	.2	<3	<3	50	1.00	.064	12	23	.44	325	.03	4	.98	.03	.07	2
L11300E 11975N	1	56	17	81	<.3	34	13	605	2.76	12	<8	<2	4	93	.4	<3	<3	70	2.35	.094	15	35	.67	252	.06	<3	1.20	.03	.13	2
L11300E 11950N	1	55	13	80	<.3	34	12	562	2.71	11	<8	<2	4	71	.4	<3	<3	71	1.65	.092	14	31	.67	262	.06	4	1.15	.03	.13	2
L11300E 11925N	2	37	9	92	<.3	26	9	523	2.51	9	<8	<2	2	57	.2	<3	<3	65	.78	.087	13	32	.60	345	.04	3	1.32	.02	.08	2
L11300E 11900N	2	61	14	93	.6	41	15	697	3.07	12	<8	<2	4	54	.4	<3	<3	76	.76	.098	16	36	.71	267	.06	5	1.27	.03	.13	2
L11300E 11875N	4	34	7	69	<.3	22	7	407	2.23	8	<8	<2	2	49	<.2	<3	<3	59	.65	.082	12	27	.48	289	.04	3	1.07	.03	.07	2
RE L11300E 11875N	3	34	6	70	<.3	23	7	408	2.24	9	<8	<2	<2	49	.2	<3	<3	58	.65	.083	12	25	.48	291	.04	<3	1.06	.03	.07	<2
L11300E 11850N	2	70	14	89	.3	39	13	633	3.01	13	<8	<2	4	59	.2	<3	<3	74	1.00	.099	18	36	.67	320	.06	3	1.32	.03	.12	3
L11300E 11825N	9	32	14	89	<.3	27	10	1515	2.61	10	<8	<2	2	51	.3	<3	<3	67	.71	.091	13	34	.56	381	.04	<3	1.34	.02	.08	2
L11300E 11800N	14	39	14	90	.5	26	10	378	2.21	7	15	<2	3	95	.2	<3	<3	70	.86	.092	15	35	.64	283	.04	4	1.36	.02	.09	3
L11300E 11775N	18	33	13	79	.3	21	10	456	2.46	8	8	<2	2	113	.2	<3	<3	67	.90	.086	13	35	.60	335	.04	3	1.38	.03	.08	2
L11300E 11750N	33	36	13	112	.6	27	15	1891	3.14	11	16	<2	2	86	.5	<3	<3	69	.78	.096	14	36	.56	475	.03	4	1.57	.03	.08	<2
L11300E 11725N	8	36	12	120	.3	25	10	302	1.83	2	15	<2	<2	85	.5	<3	<3	58	.91	.091	13	34	.53	485	.03	4	1.41	.03	.07	2
L11300E 11675N	4	48	11	79	.6	31	11	320	2.67	10	<8	<2	4	56	.2	<3	<3	74	.67	.090	16	37	.70	283	.06	4	1.37	.03	.10	2
L11300E 11650N	10	51	11	79	<.3	38	12	1605	2.89	11	<8	<2	4	55	.3	<3	<3	75	.61	.095	16	41	.73	306	.07	<3	1.40	.03	.11	2
L11300E 11625N	3	40	12	64	<.3	25	8	293	2.23	6	<8	<2	3	48	.2	<3	<3	68	.56	.102	16	32	.55	264	.07	<3	1.07	.02	.08	2
L11300E 11600N	6	36	12	65	<.3	24	8	632	2.70	5	<8	<2	3	49	<.2	<3	<3	69	.61	.104	14	34	.56	274	.06	<3	1.17	.02	.07	<2
L11300E 11575N	6	33	9	60	<.3	21	6	702	2.89	8	28	<2	<2	67	.4	<3	<3	60	.84	.133	11	31	.37	584	.02	<3	1.34	.02	.04	2
L11300E 11550N	3	37	9	63	.3	25	10	602	2.53	5	9	<2	<2	54	<.2	<3	<3	65	.66	.097	15	35	.57	486	.03	<3	1.49	.02	.07	3
L11300E 11525N	3	45	14	75	<.3	32	9	243	2.69	7	<8	<2	3	46	.3	<3	<3	70	.60	.086	16	38	.71	268	.06	<3	1.33	.03	.10	2
L11300E 11500N	2	35	13	66	<.3	27	12	404	2.69	10	<8	<2	3	44	<.2	<3	<3	67	.55	.090	13	33	.70	258	.07	4	1.29	.02	.08	2
STANDARD DS3	10	125	35	162	.3	37	12	817	3.19	32	9	<2	4	28	5.6	4	4	81	.56	.093	18	184	.61	147	.09	4	1.79	.04	.17	7

Sample type: SOIL \$150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	<3	40	<.3	5	4	567	1.76	<2	<8	<2	5	73	<.2	<3	<3	38	.58	.105	9	12	.56	218	.13	7	.83	.09	.49	3
L11300E 11475N	2	36	6	74	<.3	26	8	362	2.55	10	<8	<2	3	46	.2	<3	<3	67	.56	.105	14	31	.67	229	.07	3	1.12	.03	.09	2
L11300E 11450N	1	46	14	78	<.3	32	9	372	2.80	12	<8	<2	5	53	.2	<3	<3	79	.64	.105	17	35	.75	267	.08	3	1.23	.03	.11	2
L11300E 11425N	1	36	10	68	<.3	31	11	558	2.79	12	<8	<2	4	45	.2	<3	<3	69	.57	.074	14	33	.73	276	.07	6	1.34	.02	.10	2
L11300E 11400N	2	48	15	74	<.3	34	12	478	2.77	11	<8	<2	4	54	.2	<3	<3	78	.61	.096	17	37	.70	316	.06	4	1.27	.03	.10	2
L11300E 11375N	3	37	12	81	<.3	31	12	473	2.87	11	<8	<2	3	44	<.2	<3	<3	75	.49	.050	10	32	.70	320	.06	<3	1.52	.02	.09	2
L11300E 11350N	1	37	11	66	<.3	28	9	396	2.68	8	<8	<2	4	45	<.2	<3	<3	66	.53	.096	14	30	.71	213	.08	6	1.21	.03	.09	<2
L11300E 11325N	12	53	16	95	.4	38	17	618	4.08	17	<8	<2	4	55	.5	<3	<3	83	.67	.110	16	38	.73	324	.06	3	1.49	.02	.10	2
L11300E 11300N	17	49	9	128	.5	32	12	427	4.22	18	15	<2	4	60	.6	<3	3	88	.77	.100	15	40	.69	478	.04	5	1.73	.02	.08	2
L11300E 11275N	5	36	7	80	<.3	23	12	406	2.68	9	<8	<2	4	46	.3	<3	<3	68	.57	.102	14	30	.63	307	.06	4	1.22	.02	.08	<2
L11300E 11250N	4	25	5	34	<.3	15	11	993	1.73	3	<8	<2	<2	51	.2	<3	<3	42	.66	.103	9	17	.31	529	.02	<3	1.00	.03	.04	<2
L11300E 11225N	3	44	7	63	.5	29	10	411	2.80	10	<8	<2	4	44	.3	<3	3	71	.51	.092	16	32	.72	296	.07	5	1.20	.03	.09	2
L11300E 11200N	3	37	10	58	<.3	26	9	343	2.48	9	<8	<2	4	46	.2	<3	<3	74	.51	.097	16	31	.66	339	.07	6	1.20	.03	.07	<2
L11300E 11175N	6	42	10	58	.3	26	13	399	2.60	7	<8	<2	4	47	<.2	<3	<3	68	.54	.099	18	32	.65	353	.07	3	1.20	.02	.08	2
L11300E 11150N	3	59	10	69	<.3	31	13	501	2.78	10	<8	<2	3	43	.2	<3	<3	77	.45	.092	15	31	.63	443	.06	3	1.38	.02	.08	2
L11300E 11125N	2	50	11	55	<.3	31	14	575	2.72	12	<8	<2	3	36	.3	<3	<3	73	.33	.102	13	29	.61	293	.06	5	1.43	.02	.07	2
L11300E 11100N	3	50	14	63	<.3	34	14	438	3.03	13	<8	<2	4	29	.3	<3	<3	79	.27	.079	14	35	.64	345	.04	3	2.01	.02	.08	<2
L11300E 11075N	3	46	15	56	<.3	33	14	320	3.01	12	<8	<2	3	33	.3	<3	<3	76	.27	.067	11	32	.59	313	.05	6	1.89	.02	.07	2
L11300E 11050N	1	37	10	49	<.3	27	10	443	2.51	9	<8	<2	3	35	.2	<3	<3	67	.33	.036	19	30	.61	526	.07	<3	1.16	.02	.06	<2
L11300E 11000N	4	88	18	61	<.3	32	13	551	2.76	11	<8	<2	5	70	.4	<3	<3	83	.88	.097	19	29	.59	571	.07	<3	1.10	.03	.11	2
L11400E 13000N	1	21	7	49	<.3	29	13	283	2.67	9	<8	<2	3	16	.2	<3	<3	67	.20	.028	10	39	.63	185	.09	<3	2.11	.01	.08	<2
L11400E 12975N	1	13	5	41	<.3	17	7	250	2.32	6	<8	<2	3	13	.2	<3	<3	67	.17	.018	9	31	.44	122	.09	<3	1.41	.01	.04	<2
L11400E 12950N	1	12	11	43	<.3	17	7	217	2.42	5	<8	<2	3	17	.3	<3	<3	68	.23	.028	9	32	.44	151	.09	<3	1.48	.01	.05	<2
L11400E 12925N	3	15	6	31	<.3	9	5	250	1.66	4	<8	<2	<2	37	.2	<3	<3	66	.77	.026	6	21	.30	304	.08	<3	.78	.02	.04	<2
L11400E 12900N	1	18	9	27	<.3	12	5	205	1.80	6	<8	<2	2	13	.2	<3	<3	65	.18	.031	8	22	.30	114	.09	3	.85	.02	.05	<2
RE L11400E 12900N	1	18	13	27	<.3	12	5	199	1.75	5	<8	<2	<2	13	<.2	<3	<3	62	.17	.031	7	20	.29	110	.08	<3	.83	.02	.05	<2
L11400E 12875N	2	24	10	35	<.3	8	5	211	1.75	5	<8	<2	<2	27	.2	<3	<3	69	.49	.037	7	15	.20	322	.07	3	.66	.02	.06	<2
L11400E 12850N	3	16	8	46	<.3	11	5	272	2.11	7	<8	<2	<2	19	.2	<3	<3	93	.23	.027	6	26	.56	124	.12	3	.97	.01	.08	<2
L11400E 12825N	1	15	13	47	<.3	18	7	243	1.82	7	<8	<2	2	19	.2	<3	<3	51	.29	.042	8	25	.45	168	.06	4	1.08	.02	.07	<2
L11400E 12800N	2	10	7	33	<.3	16	8	202	1.72	6	<8	<2	2	45	.2	<3	<3	48	.84	.048	9	28	.48	272	.06	3	.95	.01	.06	<2
L11400E 12775N	2	29	13	36	<.3	13	6	342	1.60	6	<8	<2	2	40	.3	<3	<3	58	.75	.041	11	21	.30	311	.06	3	.80	.02	.06	<2
L11400E 12750N	1	31	10	33	<.3	13	6	346	1.43	5	<8	<2	<2	40	.3	<3	<3	44	.66	.043	14	19	.27	429	.03	<3	.91	.03	.04	<2
L11400E 12725N	4	28	14	62	<.3	26	10	307	2.91	15	<8	<2	<2	17	.4	<3	<3	84	.17	.056	8	32	.47	143	.05	<3	1.67	.02	.06	2
L11400E 12700N	2	16	14	43	<.3	11	7	416	1.82	7	<8	<2	<2	26	.3	<3	<3	71	.37	.042	7	25	.36	305	.09	<3	.87	.01	.08	2
STANDARD DS3	9	125	33	159	<.3	37	12	825	3.21	33	<8	<2	4	29	5.7	4	6	82	.56	.096	19	181	.61	151	.09	<3	1.74	.04	.17	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	1	<3	40	<.3	6	4	553	1.71	<2	<8	<2	5	72	<.2	<3	<3	37	.57	.104	9	10	.54	211	.12	4	.81	.08	.48	4
L11400E 12675N	1	11	8	39	<.3	20	7	216	2.19	9	<8	<2	2	14	.3	<3	<3	59	.23	.041	10	31	.54	158	.07	<3	1.38	.01	.06	<2
L11400E 12650N	1	13	6	38	<.3	22	9	245	2.31	7	<8	<2	2	16	.3	<3	<3	56	.24	.042	10	34	.55	151	.08	<3	1.46	.01	.07	<2
L11400E 12625N	<1	11	6	41	<.3	18	7	236	2.24	6	<8	<2	2	16	.6	<3	<3	63	.20	.019	8	31	.42	144	.08	<3	1.45	.01	.05	<2
L11400E 12600N	8	14	9	51	<.3	18	9	368	2.60	9	<8	<2	2	31	.5	<3	<3	70	.26	.033	8	30	.53	150	.06	3	1.32	.01	.07	2
L11400E 12575N	10	34	11	82	<.3	21	9	255	1.49	5	15	<2	2	67	.5	<3	<3	49	.93	.087	13	27	.48	385	.03	4	1.08	.03	.06	2
L11400E 12550N	4	34	9	81	.3	22	6	185	1.65	6	10	<2	2	56	.4	<3	<3	46	.83	.084	14	29	.52	366	.03	5	1.21	.02	.06	2
L11400E 12525N	11	28	8	75	<.3	19	7	767	2.42	10	11	<2	<2	62	.5	<3	<3	55	.96	.086	14	23	.42	347	.04	<3	1.09	.03	.06	2
L11400E 12500N	9	22	8	76	<.3	18	7	150	2.02	12	<8	<2	<2	51	.4	<3	<3	66	.82	.082	12	29	.47	377	.03	5	1.16	.02	.06	2
L11400E 12475N	3	19	8	56	<.3	19	9	366	1.80	5	<8	<2	2	51	.2	<3	<3	48	.76	.073	11	28	.51	234	.05	4	.96	.02	.06	<2
L11400E 12450N	3	16	6	55	<.3	15	6	246	1.55	4	<8	<2	2	50	.2	<3	<3	45	.74	.085	10	24	.47	206	.04	3	.85	.02	.06	<2
L11400E 12425N	2	15	8	44	<.3	15	6	677	1.69	4	<8	<2	2	55	.2	<3	<3	40	.82	.066	11	31	.48	328	.05	<3	1.05	.02	.06	2
L11400E 12400N	5	27	7	55	<.3	21	8	550	2.39	8	8	<2	3	64	.2	<3	<3	61	.90	.088	15	34	.58	389	.04	4	1.30	.02	.07	2
L11400E 12375N	2	23	5	45	<.3	15	6	394	1.70	5	10	<2	2	101	.4	<3	<3	39	1.57	.072	9	27	.38	470	.04	<3	.94	.02	.05	2
L11400E 12350N	2	23	10	49	<.3	20	8	254	2.03	7	<8	<2	4	48	.2	<3	<3	55	.76	.069	14	33	.55	315	.06	3	1.10	.02	.07	<2
L11400E 12325N	1	46	6	63	.3	26	8	317	2.43	9	8	<2	4	47	.4	<3	<3	68	.76	.081	15	34	.65	398	.06	3	1.28	.03	.09	2
L11400E 12300N	3	43	14	57	<.3	36	10	367	2.82	12	<8	<2	3	40	.4	<3	<3	76	.58	.077	12	45	.73	525	.04	<3	1.79	.02	.08	<2
L11400E 12275N	2	28	11	64	<.3	29	10	285	3.01	12	<8	<2	2	27	.4	<3	<3	77	.41	.049	10	38	.63	319	.06	3	1.79	.01	.08	<2
L11400E 12250N	2	32	9	54	<.3	29	11	437	2.36	8	<8	<2	3	29	.4	<3	<3	58	.45	.073	16	37	.60	363	.05	3	1.44	.02	.07	<2
L11400E 12225N	1	26	9	50	.3	24	9	363	2.16	8	<8	<2	2	33	.3	<3	<3	57	.55	.059	18	33	.53	381	.05	<3	1.42	.02	.07	2
RE L11400E 12225N	1	25	7	50	.3	25	9	368	2.20	7	<8	<2	2	34	.2	<3	<3	57	.56	.060	19	33	.54	387	.05	<3	1.46	.02	.07	<2
L11400E 12200N	2	16	7	59	<.3	19	7	274	2.00	7	<8	<2	2	26	.2	<3	<3	61	.36	.036	10	29	.51	260	.06	3	1.20	.02	.07	<2
L11400E 12175N	4	49	10	67	<.3	29	12	1153	1.74	4	28	<2	<2	119	1.0	<3	<3	46	1.79	.095	11	25	.34	698	.02	5	1.06	.02	.05	2
L11400E 12150N	3	15	8	69	<.3	16	6	328	1.84	5	<8	<2	2	77	.2	<3	<3	53	1.19	.097	9	32	.54	329	.03	3	1.16	.02	.06	2
L11400E 12125N	5	34	14	65	<.3	20	12	413	2.11	5	9	<2	2	59	.4	<3	<3	59	.85	.098	12	31	.50	347	.03	3	1.11	.03	.07	2
L11400E 12100N	2	37	12	71	<.3	22	6	215	2.06	6	<8	<2	3	51	.7	<3	<3	59	.72	.083	13	34	.58	320	.04	4	1.18	.03	.07	2
L11400E 12075N	2	17	11	71	<.3	18	7	195	1.80	4	<8	<2	2	66	.3	<3	<3	58	1.16	.078	12	37	.61	380	.02	3	1.20	.02	.07	2
L11400E 12050N	7	43	12	82	.5	25	8	608	2.13	7	16	<2	3	64	.3	<3	<3	65	.90	.079	15	39	.62	383	.04	4	1.33	.02	.07	2
L11400E 12000N	3	22	<3	29	<.3	12	5	1665	.83	<2	12	<2	<2	145	.3	<3	<3	15	2.69	.111	5	10	.18	371	.01	4	.56	.04	.02	<2
L11400E 11975N	3	33	13	65	<.3	24	10	507	2.28	8	<8	<2	3	52	.4	<3	<3	62	.74	.085	14	33	.61	319	.05	<3	1.13	.02	.08	<2
L11400E 11950N	2	37	9	62	<.3	22	9	316	1.99	7	<8	<2	2	49	.5	<3	<3	53	.65	.080	12	27	.47	239	.04	<3	.97	.03	.08	<2
L11400E 11925N	3	40	9	73	<.3	27	9	385	2.64	12	<8	<2	3	49	.4	<3	<3	66	.61	.086	13	33	.65	279	.05	4	1.23	.02	.09	2
L11400E 11900N	4	19	9	81	<.3	17	8	301	2.43	8	<8	<2	2	57	.3	<3	<3	60	.78	.094	11	35	.58	314	.03	<3	1.20	.02	.07	<2
L11400E 11875N	2	36	11	86	<.3	22	9	317	1.99	6	8	<2	2	50	.2	<3	<3	60	.66	.079	13	35	.56	373	.03	3	1.32	.02	.07	<2
STANDARD DS3	10	124	35	161	<.3	36	12	828	3.21	31	9	<2	3	29	5.9	5	7	81	.57	.096	18	186	.62	150	.09	<3	1.74	.04	.18	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	5	43	<.3	6	4	580	1.79	<2	<8	<2	8	75	<.2	<3	<3	38	.58	.107	9	14	.57	226	.13	4	.83	.09	.50	4
L11400E 11850N	3	51	10	104	.6	35	10	457	2.48	5	<8	<2	2	53	.6	<3	<3	66	.78	.091	15	37	.61	479	.03	4	1.39	.02	.08	2
L11400E 11825N	10	23	6	98	<.3	20	9	854	3.09	12	<8	<2	<2	67	.2	<3	<3	60	.98	.095	11	34	.55	375	.03	3	1.27	.02	.06	3
L11400E 11800N	9	38	14	101	<.3	26	11	321	2.21	6	8	<2	3	64	.4	<3	<3	68	.76	.087	14	38	.64	350	.05	3	1.28	.02	.08	3
L11400E 11775N	6	34	11	97	<.3	22	8	363	1.99	5	8	<2	2	67	.3	<3	<3	61	.86	.082	12	34	.59	330	.04	3	1.25	.02	.08	2
L11400E 11750N	15	34	11	101	.3	26	11	747	2.53	7	11	<2	3	58	.3	<3	<3	74	.70	.097	14	36	.67	308	.05	4	1.33	.02	.09	3
L11400E 11725N	15	34	8	104	<.3	27	10	805	2.43	8	14	<2	<2	103	.3	<3	<3	62	1.12	.101	12	35	.60	545	.03	4	1.40	.02	.08	2
L11400E 11700N	14	33	9	84	<.3	21	9	923	2.13	6	9	<2	<2	129	.3	<3	<3	51	1.14	.091	12	31	.53	402	.03	7	1.25	.03	.07	2
L11400E 11675N	28	28	6	98	<.3	22	15	461	3.04	12	<8	<2	3	91	.3	<3	<3	81	.80	.089	14	41	.71	339	.05	5	1.49	.02	.09	2
L11400E 11650N	21	33	4	37	.3	18	5	2034	1.40	3	22	<2	<2	111	.2	<3	<3	31	.97	.073	8	15	.21	405	.02	8	.72	.03	.04	<2
L11400E 11625N	42	42	10	82	<.3	26	12	641	3.18	13	11	<2	2	89	.2	<3	<3	80	.88	.096	15	38	.65	419	.04	4	1.31	.03	.08	2
L11400E 11600N	21	33	6	89	<.3	25	10	1076	2.40	7	<8	<2	<2	145	.3	<3	<3	62	1.05	.091	13	37	.61	447	.03	5	1.33	.03	.08	2
RE L11400E 11600N	22	32	7	89	.3	25	9	1080	2.38	7	<8	<2	<2	144	.5	<3	<3	61	1.05	.091	12	37	.60	442	.03	3	1.32	.03	.07	2
L11400E 11575N	58	40	7	113	<.3	30	13	366	2.11	9	15	<2	2	105	.7	<3	3	61	.85	.080	14	36	.55	479	.03	3	1.33	.02	.08	2
L11400E 11550N	4	32	7	83	<.3	26	10	437	2.61	8	<8	<2	2	49	.2	<3	<3	67	.66	.082	14	37	.62	346	.05	<3	1.34	.02	.08	2
L11400E 11525N	2	37	11	82	<.3	31	11	408	2.93	10	<8	<2	2	38	<.2	<3	<3	72	.51	.081	13	37	.66	336	.05	<3	1.52	.02	.08	2
L11400E 11500N	2	46	12	66	.4	30	10	361	2.72	11	<8	<2	2	35	<.2	<3	<3	71	.42	.074	16	34	.55	320	.04	3	1.53	.02	.08	2
L11400E 11475N	2	43	13	69	<.3	28	12	506	2.63	9	<8	<2	3	36	.2	<3	<3	69	.38	.081	14	32	.62	211	.06	3	1.26	.03	.08	2
L11400E 11450N	1	30	7	58	<.3	26	9	275	2.56	8	<8	<2	3	40	<.2	<3	<3	63	.55	.081	13	36	.68	246	.07	3	1.31	.02	.08	2
L11400E 11425N	2	37	8	68	<.3	25	10	476	2.42	9	<8	<2	2	38	.2	<3	<3	67	.44	.069	14	31	.55	361	.05	3	1.22	.02	.07	2
L11400E 11400N	3	35	8	72	<.3	26	11	643	3.30	11	<8	<2	2	45	<.2	<3	<3	71	.47	.088	13	34	.65	292	.05	<3	1.38	.02	.08	3
L11400E 11375N	1	35	11	87	<.3	27	9	214	1.94	8	<8	<2	3	36	.2	<3	<3	71	.42	.059	15	42	.61	363	.06	7	1.47	.02	.06	2
L11400E 11350N	3	36	12	86	<.3	25	11	773	2.48	8	<8	<2	2	48	.3	<3	<3	68	.64	.093	14	34	.61	454	.04	7	1.38	.02	.07	2
L11400E 11325N	1	42	14	80	.3	26	11	528	2.27	5	<8	<2	3	58	.4	<3	<3	64	.70	.082	15	39	.62	381	.05	5	1.20	.03	.09	2
L11400E 11300N	2	60	11	88	<.3	36	13	577	2.88	10	<8	<2	3	70	.3	<3	<3	87	1.20	.096	21	47	.80	522	.05	3	1.64	.03	.10	<2
L11400E 11275N	3	54	11	74	<.3	30	11	462	2.70	11	<8	<2	3	50	.3	<3	<3	73	.64	.091	16	33	.62	351	.06	<3	1.23	.03	.10	2
L11400E 11250N	3	50	16	65	<.3	31	14	514	2.85	11	<8	<2	3	36	<.2	<3	<3	78	.35	.088	13	34	.63	259	.06	<3	1.52	.02	.07	2
L11400E 11225N	2	34	10	53	<.3	24	10	419	2.30	8	<8	<2	<2	41	<.2	<3	<3	64	.66	.056	13	31	.54	517	.04	<3	1.45	.02	.07	2
L11400E 11200N	3	44	13	56	<.3	26	10	305	2.63	10	<8	<2	<2	31	<.2	<3	<3	78	.26	.062	12	31	.53	348	.04	3	1.55	.02	.06	2
L11400E 11175N	2	42	15	59	<.3	29	12	310	2.95	10	<8	<2	2	30	.2	<3	<3	81	.27	.059	9	32	.59	271	.04	5	1.63	.01	.07	2
L11400E 11150N	3	31	9	53	<.3	21	8	294	3.21	8	<8	<2	<2	19	<.2	<3	<3	83	.16	.053	10	35	.56	167	.05	<3	1.68	.01	.08	2
L11400E 11025N	3	44	11	55	<.3	22	9	261	2.42	9	<8	<2	<2	30	<.2	<3	<3	70	.28	.052	11	29	.46	258	.04	<3	1.45	.02	.07	2
L11400E 11000N	2	35	7	46	<.3	21	9	343	2.18	7	<8	<2	<2	34	<.2	<3	<3	61	.34	.067	13	27	.47	236	.05	3	1.08	.02	.06	<2
L11500E 13000N	3	66	14	58	.4	23	8	272	2.14	9	<8	<2	<2	66	.2	<3	<3	63	1.03	.059	20	31	.54	446	.05	3	1.16	.02	.09	2
STANDARD DS3	9	125	36	166	<.3	36	12	838	3.29	31	<8	<2	3	29	5.8	5	5	83	.57	.097	19	190	.63	155	.09	4	1.74	.04	.18	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	3	<3	40	<.3	6	4	554	1.74	<2	<8	<2	5	67	<.2	<3	<3	36	.54	.102	7	17	.55	222	.12	<3	.82	.08	.49	4
L11500E 12975N	1	15	<3	18	<.3	7	3	584	.54	<2	<8	<2	<2	118	.7	<3	<3	13	1.49	.072	6	4	.14	223	.02	5	.35	.05	.04	<2
L11500E 12950N	2	26	6	96	<.3	21	14	1674	2.14	8	<8	<2	<2	82	.7	<3	<3	49	1.26	.089	9	26	.50	363	.03	4	1.08	.02	.07	2
L11500E 12900N	1	37	10	69	<.3	23	8	371	2.35	10	<8	<2	3	27	.2	<3	<3	52	.37	.085	12	28	.47	158	.05	5	.88	.02	.07	2
L11500E 12875N	1	27	11	49	.3	20	7	195	2.44	9	<8	<2	2	17	<.2	<3	<3	62	.21	.038	7	26	.46	123	.03	5	1.22	.01	.05	<2
L11500E 12850N	1	44	10	65	<.3	32	14	409	3.02	12	<8	<2	2	31	<.2	<3	<3	62	.46	.075	13	34	.56	191	.03	<3	1.42	.01	.05	<2
L11500E 12825N	2	17	6	40	.3	14	6	201	1.92	5	<8	<2	<2	17	.2	<3	<3	59	.23	.031	7	24	.37	158	.03	<3	1.03	.01	.05	<2
L11500E 12800N	2	34	9	56	<.3	27	9	217	2.44	9	<8	<2	2	24	<.2	<3	<3	53	.31	.061	8	29	.51	201	.03	<3	1.14	.01	.06	2
L11500E 12775N	<1	23	6	49	<.3	20	10	537	2.27	7	<8	<2	2	30	<.2	<3	<3	52	.45	.085	11	35	.54	191	.03	4	1.17	.01	.06	<2
L11500E 12750N	1	14	10	36	<.3	18	8	355	1.98	7	<8	<2	2	35	<.2	<3	<3	44	.55	.073	10	30	.43	174	.04	<3	.99	.02	.04	<2
L11500E 12725N	2	29	10	66	<.3	25	9	301	2.46	9	<8	<2	2	33	<.2	<3	<3	57	.47	.054	8	31	.61	216	.04	<3	1.28	.02	.07	2
L11500E 12675N	<1	24	10	42	<.3	19	8	352	1.90	6	<8	<2	2	34	.2	<3	<3	47	.53	.074	11	31	.45	249	.04	<3	1.05	.02	.05	<2
L11500E 12650N	2	16	8	40	<.3	19	8	406	2.32	9	<8	<2	2	32	.2	<3	<3	50	.52	.086	11	26	.44	312	.04	3	1.06	.02	.04	<2
L11500E 12625N	1	25	12	46	<.3	21	8	337	2.14	6	<8	<2	3	31	<.2	<3	<3	56	.51	.077	13	34	.57	332	.05	<3	1.14	.02	.05	<2
L11500E 12600N	1	19	8	39	<.3	18	7	173	2.43	8	<8	<2	<2	15	<.2	<3	<3	60	.16	.029	7	27	.35	118	.05	<3	1.22	.01	.05	<2
RE L11500E 12600N	2	20	11	40	<.3	18	7	172	2.43	6	<8	<2	2	14	.2	<3	<3	59	.16	.029	7	23	.35	116	.05	<3	1.22	.01	.05	<2
L11500E 12575N	1	12	5	26	<.3	12	4	122	1.24	3	<8	<2	<2	13	<.2	<3	<3	35	.18	.026	7	19	.27	160	.04	<3	.80	.02	.04	<2
L11500E 12550N	4	33	15	50	<.3	24	11	356	2.53	11	<8	<2	2	33	.2	<3	<3	71	.28	.052	10	33	.61	235	.04	<3	1.30	.02	.06	<2
L11500E 12500N	1	59	12	62	<.3	29	11	371	2.72	11	<8	<2	3	32	.2	<3	<3	70	.46	.044	13	38	.61	486	.04	<3	1.33	.02	.06	<2
L11500E 12475N	1	15	10	44	<.3	18	6	256	2.72	6	<8	<2	2	12	.3	<3	<3	76	.16	.020	8	34	.45	147	.07	<3	1.34	.01	.04	<2
L11500E 12450N	2	40	11	57	<.3	27	9	267	2.54	10	<8	<2	3	23	.2	<3	<3	63	.27	.071	10	31	.53	195	.04	<3	1.38	.01	.04	<2
L11500E 12425N	<1	21	8	38	<.3	21	7	229	1.86	6	<8	<2	3	21	<.2	<3	<3	47	.34	.057	14	34	.52	384	.07	<3	1.02	.01	.05	<2
L11500E 12400N	1	17	10	36	<.3	13	5	118	1.75	5	<8	<2	<2	14	<.2	<3	<3	60	.14	.024	8	23	.29	173	.03	<3	1.18	.01	.04	<2
L11500E 12375N	1	16	8	28	<.3	15	6	150	1.57	4	<8	<2	<2	20	.3	<3	<3	45	.25	.029	11	24	.37	297	.05	<3	1.00	.02	.05	<2
L11500E 12350N	<1	37	10	55	<.3	25	9	361	2.01	7	<8	<2	2	44	.2	<3	<3	59	.74	.076	14	34	.51	428	.03	<3	1.34	.02	.06	<2
L11500E 12325N	1	14	6	39	<.3	14	5	158	1.31	2	<8	<2	<2	34	<.2	<3	<3	36	.57	.071	9	26	.40	292	.03	<3	.99	.02	.04	<2
L11500E 12300N	1	16	4	52	<.3	14	14	3080	1.57	<2	<8	<2	<2	36	.2	<3	<3	35	.58	.082	8	20	.29	341	.02	<3	.78	.03	.04	<2
L11500E 12275N	1	24	10	59	<.3	18	11	764	1.78	5	<8	<2	<2	47	<.2	<3	<3	46	.77	.082	10	26	.41	360	.03	<3	.97	.02	.05	<2
L11500E 12250N	1	28	9	60	<.3	17	7	366	1.58	4	<8	<2	<2	46	.3	<3	<3	44	.77	.077	11	25	.36	323	.03	4	.87	.02	.05	2
L11500E 12225N	1	34	8	75	<.3	22	7	302	1.86	5	<8	<2	<2	48	<.2	<3	<3	55	.76	.098	15	38	.52	411	.03	<3	1.33	.02	.06	<2
L11500E 12200N	<1	44	8	62	<.3	29	8	309	2.34	9	<8	<2	3	42	.2	<3	<3	62	.72	.084	12	38	.61	255	.05	<3	1.14	.03	.08	<2
L11500E 12175N	1	24	8	50	<.3	29	9	333	2.58	13	<8	<2	2	34	.3	<3	<3	55	.45	.066	14	45	.48	368	.05	<3	2.07	.01	.06	<2
L11500E 12150N	3	27	17	52	<.3	36	10	336	4.01	14	<8	<2	4	19	<.2	<3	<3	111	.14	.051	9	57	.45	159	.04	<3	2.54	.01	.05	<2
L11500E 12125N	1	20	14	58	<.3	24	9	241	3.39	12	<8	<2	2	15	.2	<3	<3	84	.15	.017	8	38	.56	148	.07	<3	1.85	.01	.07	2
STANDARD DS3	9	123	36	156	<.3	37	12	805	3.18	32	9	<2	3	28	5.7	5	7	78	.53	.093	18	189	.59	150	.09	3	1.75	.04	.17	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	1	<3	40	<.3	5	4	556	1.77	<2	<8	<2	6	73	<.2	<3	<3	37	.58	.112	9	12	.54	213	.12	6	.84	.08	.48	3
L11500E 12075N	2	39	8	71	<.3	23	8	367	2.30	9	<8	<2	2	37	.2	<3	<3	63	.59	.086	14	29	.47	263	.04	<3	1.08	.03	.07	2
L11500E 12050N	3	30	16	71	<.3	22	7	386	3.93	15	<8	<2	<2	17	.2	<3	<3	119	.19	.097	8	40	.57	83	.06	<3	1.38	.02	.06	2
L11500E 12025N	<1	12	9	38	<.3	14	5	154	1.73	5	<8	<2	3	18	<.2	<3	<3	49	.26	.030	10	28	.37	136	.07	4	1.17	.01	.05	<2
L11500E 12000N	1	26	13	81	.4	25	7	295	3.61	13	<8	<2	3	17	<.2	<3	<3	89	.16	.062	8	37	.63	128	.05	4	1.85	.01	.07	2
L11500E 11975N	1	15	9	52	<.3	18	7	232	2.67	7	<8	<2	2	20	.2	<3	<3	66	.25	.049	10	35	.53	305	.07	3	1.31	.01	.08	2
L11500E 11925N	12	61	12	80	.6	29	12	485	2.87	14	23	<2	3	92	.3	<3	<3	65	1.48	.093	16	40	.63	559	.03	6	1.43	.03	.09	2
L11500E 11900N	3	52	12	72	.4	32	11	552	2.17	7	10	<2	3	75	.2	<3	<3	53	1.03	.081	22	34	.54	467	.04	5	1.33	.02	.09	2
RE L11500E 11900N	4	53	8	74	<.3	32	11	556	2.17	7	10	<2	3	76	.3	<3	<3	54	1.04	.081	23	32	.54	472	.04	4	1.31	.02	.08	<2
L11500E 11875N	7	61	14	73	.3	29	12	1235	2.39	8	<8	<2	2	79	.4	<3	<3	62	1.24	.097	14	33	.58	562	.04	3	1.29	.03	.08	2
L11500E 11850N	2	38	9	59	.3	21	7	350	2.12	7	<8	<2	3	61	<.2	<3	<3	59	1.12	.095	15	30	.54	413	.05	3	1.18	.04	.08	2
L11500E 11825N	2	40	14	78	<.3	28	10	785	2.35	6	<8	<2	4	51	.2	<3	<3	68	.77	.088	16	39	.71	405	.05	3	1.37	.02	.08	2
L11500E 11800N	2	29	9	84	<.3	23	10	580	2.14	7	<8	<2	3	42	.3	<3	<3	55	.61	.093	12	31	.59	308	.04	<3	1.16	.02	.07	2
L11500E 11725N	25	30	8	94	.4	27	10	2268	2.86	12	9	<2	3	50	.4	<3	<3	68	.51	.096	18	36	.64	443	.05	3	1.46	.02	.09	2
L11500E 11700N	11	25	4	45	<.3	16	7	985	1.59	4	15	<2	<2	96	.2	<3	<3	35	1.23	.085	8	18	.30	360	.02	3	.91	.03	.04	<2
L11500E 11675N	14	27	12	82	<.3	22	10	354	2.55	9	<8	<2	2	67	.2	<3	<3	63	.89	.077	14	36	.60	449	.03	3	1.48	.03	.07	2
L11500E 11650N	17	33	13	84	<.3	25	10	343	3.06	16	<8	<2	3	116	.3	<3	<3	63	.96	.094	14	35	.57	455	.03	3	1.44	.03	.07	2
L11500E 11625N	27	38	9	72	<.3	24	10	628	2.97	12	10	<2	3	118	.3	<3	<3	64	1.10	.090	12	38	.61	349	.04	3	1.25	.03	.07	2
L11500E 11600N	26	32	13	91	<.3	22	9	298	2.89	10	10	<2	3	75	.2	<3	<3	72	.71	.092	14	42	.71	380	.04	<3	1.50	.02	.08	3
L11500E 11575N	31	33	9	83	<.3	26	13	555	2.91	8	11	<2	3	102	.2	<3	<3	60	.88	.093	13	42	.60	642	.03	4	1.51	.02	.07	2
L11500E 11550N	18	37	8	84	.3	25	10	661	2.25	7	12	<2	4	101	.6	<3	<3	62	1.07	.101	16	39	.60	360	.04	9	1.16	.03	.08	2
L11500E 11525N	19	32	13	77	.6	24	10	968	2.47	8	12	<2	2	183	<.2	<3	<3	66	1.23	.090	14	48	.64	525	.03	7	1.58	.03	.09	2
L11500E 11500N	14	28	14	93	.5	24	12	321	2.44	5	8	<2	4	97	.4	<3	<3	84	.79	.101	15	48	.74	287	.05	4	1.35	.03	.09	3
L11500E 11475N	11	34	8	81	.5	23	10	422	2.21	8	15	<2	2	130	.2	<3	<3	58	.88	.086	15	34	.48	465	.03	4	1.41	.03	.06	2
L11500E 11450N	4	28	4	66	<.3	19	11	149	1.49	4	17	<2	2	66	<.2	<3	<3	38	.54	.085	12	22	.34	388	.02	4	1.14	.03	.05	<2
L11500E 11425N	2	35	15	95	.3	25	10	266	2.43	7	<8	<2	4	53	.3	<3	<3	68	.62	.088	15	36	.70	309	.07	4	1.27	.03	.09	2
L11500E 11400N	2	63	8	78	<.3	28	9	469	2.68	10	<8	<2	<2	56	<.2	<3	<3	64	.59	.106	24	35	.51	697	.02	<3	1.68	.03	.08	2
L11500E 11375N	1	23	9	48	<.3	12	7	744	1.52	2	<8	<2	<2	24	<.2	<3	<3	40	.20	.088	12	19	.29	467	.02	<3	1.03	.03	.04	<2
L11500E 11350N	1	17	4	25	.4	10	5	364	1.19	<2	<8	<2	<2	21	<.2	<3	<3	25	.30	.065	8	10	.19	162	.03	3	.54	.04	.04	<2
L11500E 11325N	3	29	5	49	<.3	15	9	836	2.74	6	<8	<2	2	41	.3	<3	<3	46	.56	.117	11	16	.27	361	.02	4	.99	.03	.05	<2
L11500E 11300N	2	37	12	66	.3	26	10	380	2.43	6	<8	<2	2	32	<.2	<3	<3	64	.44	.080	14	35	.56	406	.03	4	1.67	.02	.07	<2
L11500E 11275N	1	45	13	69	<.3	30	12	434	2.83	9	<8	<2	2	27	.3	<3	<3	70	.28	.066	12	32	.60	282	.04	3	1.58	.02	.07	2
L11500E 11250N	1	19	6	42	<.3	18	5	188	2.49	7	<8	<2	2	14	<.2	<3	<3	68	.14	.040	8	29	.45	104	.06	<3	1.31	.01	.05	<2
L11500E 11225N	1	12	15	33	<.3	10	4	188	2.48	7	<8	<2	<2	12	.2	<3	<3	68	.09	.030	8	25	.30	90	.05	<3	1.32	.01	.04	<2
STANDARD DS3	9	122	34	156	.3	36	12	814	3.16	31	<8	<2	4	29	5.6	5	7	76	.55	.093	19	185	.60	154	.09	<3	1.75	.04	.17	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	1	2	7	41	<.3	5	4	565	1.74	<2	<8	<2	5	73	<.2	<3	<3	35	.57	.108	8	11	.55	223	.13	4	.82	.09	.50	4
L11500E 11200N	1	25	14	48	<.3	20	6	199	2.80	11	<8	<2	<2	17	.2	<3	<3	73	.12	.042	7	30	.46	115	.03	4	1.51	.01	.07	2
L11500E 11175N	1	48	12	64	<.3	28	10	430	2.68	12	<8	<2	4	48	.4	<3	<3	68	.57	.085	16	30	.59	447	.06	<3	1.22	.03	.08	3
L11500E 11100N	80	209	<3	50	.4	46	4	27	1.78	3	<8	<2	<2	101	2.2	<3	<3	8	1.05	.121	6	10	.02	281	.01	<3	.54	.02	.01	2
L11500E 11075N	2	55	12	46	<.3	24	9	510	2.09	8	<8	<2	<2	37	<.2	<3	<3	43	.52	.070	12	19	.24	534	.02	<3	1.31	.04	.06	2
L11500E 11050N	2	33	9	48	<.3	15	8	390	1.88	9	<8	<2	2	44	.2	<3	<3	63	.52	.096	12	19	.36	296	.05	3	.77	.02	.05	<2
L11500E 11025N	2	40	14	52	<.3	23	9	268	3.01	12	<8	<2	2	24	.5	<3	<3	68	.19	.075	10	33	.47	163	.04	<3	1.86	.01	.05	2
L11500E 11000N	1	50	10	66	<.3	27	9	339	2.66	12	<8	<2	3	57	.3	<3	<3	68	.54	.091	15	35	.67	395	.05	4	1.41	.03	.08	2
L11600E 13000N	<1	26	11	77	<.3	16	8	394	1.89	6	<8	<2	2	62	.3	<3	<3	46	1.03	.075	11	24	.45	269	.03	5	.92	.03	.07	2
L11600E 12975N	1	21	<3	38	<.3	14	7	316	1.35	3	<8	<2	<2	54	.2	<3	<3	29	.65	.082	9	11	.31	172	.03	<3	.68	.04	.05	2
L11600E 12950N	1	30	6	57	<.3	21	7	323	1.87	7	<8	<2	<2	60	.2	<3	<3	42	.96	.085	9	23	.47	166	.04	<3	.84	.03	.07	3
L11600E 12900N	1	41	9	66	<.3	26	11	303	2.48	9	<8	<2	2	90	.5	<3	<3	55	1.57	.035	9	27	.60	183	.03	7	1.13	.03	.11	2
RE L11600E 12900N	1	43	12	66	<.3	27	12	303	2.50	10	8	<2	2	91	.4	<3	<3	56	1.59	.035	9	26	.60	184	.03	7	1.14	.03	.11	2
L11600E 12875N	1	38	11	67	<.3	26	12	519	2.71	12	<8	<2	2	77	.2	<3	<3	62	1.09	.056	15	30	.66	233	.04	6	1.20	.03	.09	2
L11600E 12850N	1	57	13	73	.4	34	10	325	2.94	14	<8	<2	3	43	.4	<3	<3	66	.76	.052	12	34	.64	321	.04	3	1.30	.02	.11	2
L11600E 12825N	1	41	5	66	<.3	28	9	269	2.58	11	<8	<2	2	48	.3	<3	<3	57	.73	.055	11	31	.57	211	.05	<3	1.12	.02	.07	2
L11600E 12800N	2	33	12	69	<.3	25	12	219	2.85	9	<8	<2	2	24	.2	<3	<3	69	.33	.042	8	27	.57	181	.03	<3	1.44	.01	.07	3
L11600E 12775N	1	27	11	54	<.3	16	10	284	2.02	8	<8	<2	<2	26	.3	<3	<3	61	.32	.024	10	21	.34	232	.03	<3	1.10	.01	.07	2
L11600E 12750N	1	28	11	55	<.3	27	10	284	2.46	9	<8	<2	3	20	.2	<3	<3	59	.29	.055	10	30	.56	214	.05	<3	1.35	.02	.06	2
L11600E 12725N	2	34	9	88	<.3	29	12	343	3.26	11	<8	<2	2	38	.3	<3	<3	74	.56	.080	9	30	.70	317	.02	<3	1.69	.02	.08	3
L11600E 12700N	1	26	8	57	<.3	22	9	267	2.40	10	<8	<2	4	29	.2	<3	<3	59	.45	.073	12	30	.64	239	.05	<3	1.24	.02	.07	2
L11600E 12675N	1	11	10	33	<.3	11	4	158	1.36	3	<8	<2	2	20	<.2	<3	<3	43	.31	.031	9	22	.35	145	.05	<3	.86	.01	.05	2
L11600E 12650N	1	17	11	33	<.3	17	6	204	1.88	7	<8	<2	3	21	<.2	<3	<3	49	.30	.042	9	27	.36	127	.05	<3	1.02	.01	.05	2
L11600E 12625N	1	9	11	31	<.3	12	4	123	1.36	4	<8	<2	<2	17	<.2	<3	<3	44	.27	.039	10	24	.34	107	.06	<3	.85	.01	.05	<2
L11600E 12600N	1	11	11	41	<.3	17	8	194	2.13	5	<8	<2	3	17	.2	<3	<3	60	.27	.019	9	32	.40	232	.08	<3	1.21	.01	.05	2
L11600E 12575N	2	20	15	42	<.3	15	8	255	2.44	8	<8	<2	<2	42	.4	<3	<3	80	.65	.033	7	28	.43	360	.03	4	1.27	.02	.08	2
L11600E 12550N	25	41	14	104	<.3	32	10	197	1.95	6	22	<2	4	73	1.0	<3	<3	59	1.03	.089	16	43	.69	190	.06	3	1.01	.02	.08	3
L11600E 12500N	2	25	12	33	.3	12	4	184	1.63	4	<8	<2	2	30	.2	<3	<3	51	.57	.028	16	23	.28	436	.06	<3	.89	.01	.05	<2
L11600E 12475N	1	55	16	54	<.3	24	7	282	1.92	6	<8	<2	2	43	.3	<3	<3	57	.81	.044	18	34	.51	454	.04	<3	1.31	.02	.06	2
L11600E 12400N	1	38	11	52	<.3	18	7	362	1.80	7	<8	<2	2	49	.2	<3	<3	52	.88	.072	16	27	.46	364	.04	<3	.90	.02	.06	2
L11600E 12375N	1	17	12	52	<.3	9	4	158	1.33	3	<8	<2	<2	20	.2	<3	<3	43	.29	.040	7	18	.29	123	.04	<3	.78	.02	.05	2
L11600E 12350N	2	27	16	55	<.3	20	7	181	2.73	13	<8	<2	2	15	.3	<3	<3	91	.15	.041	7	30	.47	114	.07	<3	1.37	.01	.06	<2
L11600E 12325N	2	17	12	39	<.3	17	7	273	1.82	7	<8	<2	3	33	.2	<3	<3	48	.58	.063	10	34	.48	309	.05	3	1.06	.02	.05	2
L11600E 12300N	3	50	11	52	.3	26	10	359	2.30	9	<8	<2	3	50	<.2	<3	<3	61	.85	.078	16	38	.67	400	.06	<3	1.26	.02	.08	2
STANDARD DS3	9	122	35	162	.3	36	12	827	3.24	31	<8	<2	4	28	5.8	4	5	78	.55	.097	18	182	.61	150	.09	3	1.75	.04	.17	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	4	5	41	<.3	5	4	582	1.91	<2	<8	<2	5	99	<.2	<3	<3	39	.67	.112	9	15	.58	226	.14	<3	.98	.11	.50	3
L11600E 12275N	1	24	9	37	<.3	18	8	418	1.81	7	<8	<2	2	37	.2	<3	<3	46	.67	.073	10	27	.45	315	.05	<3	.99	.02	.05	<2
L11600E 12250N	2	21	14	45	<.3	19	6	226	2.54	8	<8	<2	2	16	.3	<3	<3	74	.23	.039	8	29	.43	115	.08	<3	1.17	.01	.06	<2
L11600E 12225N	1	18	9	31	<.3	15	7	333	1.72	7	<8	<2	2	43	<.2	<3	<3	44	.81	.088	10	25	.34	326	.03	<3	.94	.02	.04	<2
L11600E 12200N	1	20	13	51	<.3	21	7	275	2.03	7	<8	<2	3	36	.2	<3	<3	61	.67	.073	11	35	.60	281	.04	3	1.30	.02	.06	<2
L11600E 12175N	1	36	7	68	<.3	28	9	383	2.60	12	<8	<2	3	45	<.2	<3	<3	67	.73	.078	12	34	.65	323	.05	3	1.32	.03	.09	<2
L11600E 12150N	1	25	12	46	<.3	20	7	455	1.59	5	<8	<2	2	37	<.2	<3	3	42	.70	.061	8	21	.38	239	.04	4	.88	.03	.06	<2
L11600E 12125N	1	24	11	68	<.3	26	9	484	2.09	6	<8	<2	2	39	.3	<3	<3	53	.67	.053	11	32	.55	282	.04	<3	1.36	.02	.06	2
L11600E 12100N	<1	13	7	53	<.3	17	8	518	1.47	3	<8	<2	2	35	.2	<3	<3	40	.53	.069	9	29	.52	306	.03	4	1.21	.02	.06	<2
L11600E 12075N	<1	16	10	42	<.3	18	8	258	2.05	6	<8	<2	3	39	<.2	<3	<3	51	.63	.073	13	35	.54	236	.04	<3	1.27	.02	.05	<2
L11600E 12050N	1	19	9	50	<.3	21	10	439	2.14	6	<8	<2	2	36	<.2	<3	<3	53	.61	.082	12	37	.56	264	.04	<3	1.27	.02	.06	<2
L11600E 12025N	<1	11	10	30	<.3	10	4	142	1.39	3	<8	<2	3	21	.2	<3	<3	41	.31	.027	8	22	.28	145	.06	3	.99	.01	.05	<2
L11600E 12000N	<1	7	10	27	<.3	7	3	103	1.23	4	<8	<2	2	11	<.2	<3	<3	46	.15	.014	7	17	.24	69	.07	<3	.87	.01	.05	<2
L11600E T.L. 12000N	1	37	14	80	<.3	34	13	366	3.31	14	<8	<2	3	21	<.2	<3	<3	77	.25	.070	10	45	.74	213	.05	<3	2.21	.01	.09	2
L11600E 11975N	2	54	18	85	<.3	34	25	6175	3.31	25	<8	<2	2	56	.9	<3	<3	82	.26	.077	11	39	.65	2235	.04	3	2.20	.02	.07	2
L11600E 11950N	7	37	6	87	<.3	17	22	9588	2.06	3	<8	<2	<2	70	2.6	<3	<3	39	1.48	.154	15	20	.25	1544	.02	<3	1.18	.03	.04	2
L11600E 11925N	3	49	14	69	<.3	22	9	900	2.23	13	<8	<2	2	66	.5	<3	<3	63	.99	.088	11	28	.43	493	.04	<3	1.09	.03	.07	<2
L11600E 11900N	2	60	3	37	<.3	15	5	3021	.84	2	<8	<2	<2	194	.3	<3	<3	14	3.14	.108	8	12	.18	1125	.01	4	.58	.02	.03	<2
L11600E 11875N	2	35	15	58	<.3	27	11	464	2.39	8	<8	<2	3	41	.4	<3	<3	58	.68	.076	13	35	.60	386	.05	6	1.43	.02	.07	2
L11600E 11850N	1	41	13	66	<.3	33	12	433	2.89	11	<8	<2	3	24	.4	<3	<3	68	.29	.068	11	36	.62	286	.05	<3	1.75	.01	.07	2
L11600E 11825N	2	36	11	69	<.3	33	11	418	2.87	13	<8	<2	2	26	.2	<3	<3	70	.29	.080	11	38	.61	194	.04	<3	1.51	.02	.06	<2
RE L11600E 11825N	1	36	10	69	<.3	34	11	422	2.91	11	<8	<2	2	26	<.2	<3	3	70	.29	.081	11	36	.62	196	.04	<3	1.54	.02	.06	2
L11600E 11800N	1	14	8	40	<.3	16	6	190	2.23	6	<8	<2	3	17	.2	<3	<3	54	.20	.030	10	29	.42	144	.06	<3	1.44	.01	.05	<2
L11600E 11775N	<1	51	7	98	<.3	29	10	496	2.72	8	<8	<2	2	44	.6	<3	<3	70	.70	.084	18	41	.76	469	.04	<3	1.55	.02	.08	2
L11600E 11750N	2	50	14	107	<.3	33	13	329	2.78	9	<8	<2	3	39	.6	<3	<3	81	.60	.085	17	46	.77	435	.03	<3	1.66	.02	.09	2
L11600E 11725N	1	42	16	114	<.3	27	11	210	2.19	7	<8	<2	2	57	.6	<3	<3	69	.98	.091	15	38	.67	481	.03	3	1.51	.02	.08	2
L11600E 11700N	9	44	12	114	<.3	32	14	847	3.17	13	8	<2	2	77	1.1	<3	<3	74	1.15	.102	14	37	.67	432	.03	<3	1.40	.03	.09	3
L11600E 11675N	30	41	11	85	<.3	28	11	515	2.36	9	8	<2	2	81	.7	<3	<3	61	.94	.092	13	29	.60	311	.04	4	1.17	.03	.09	2
L11600E 11650N	9	43	13	78	<.3	32	15	4202	2.50	11	<8	<2	2	80	1.0	<3	<3	67	1.21	.095	14	32	.55	588	.04	3	1.28	.03	.08	2
L11600E 11625N	2	31	10	67	<.3	19	9	679	1.66	4	<8	<2	<2	90	.4	<3	<3	43	1.57	.093	10	24	.38	564	.02	3	1.11	.02	.05	<2
L11600E 11600N	1	34	12	80	.3	22	9	479	1.90	5	<8	<2	<2	68	.4	<3	<3	51	1.10	.098	13	27	.46	582	.02	3	1.33	.03	.06	<2
L11600E 11575N	1	36	9	75	<.3	27	9	351	2.39	9	<8	<2	2	53	.2	<3	<3	62	.70	.084	10	31	.56	541	.04	<3	1.16	.03	.08	2
L11600E 11550N	2	21	9	32	<.3	16	6	199	1.35	3	<8	<2	<2	45	<.2	<3	<3	34	.70	.084	13	18	.31	657	.03	<3	.70	.03	.05	<2
L11600E 11525N	2	25	21	60	<.3	19	7	311	2.43	10	<8	<2	<2	27	.4	<3	<3	64	.30	.058	14	29	.35	518	.04	3	1.51	.01	.07	<2
L11600E 11500N	1	26	9	44	<.3	16	9	458	1.77	3	<8	<2	<2	58	<.2	<3	<3	51	.92	.093	12	27	.33	589	.03	<3	1.07	.02	.06	<2
STANDARD DS3	9	124	34	157	<.3	36	12	811	3.18	31	9	<2	3	28	5.7	4	5	77	.54	.094	18	184	.60	150	.08	<3	1.76	.04	.16	6

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	2	3	<3	39	<.3	5	4	531	1.81	2	<8	<2	4	95	<.2	<3	<3	38	.62	.103	9	16	.52	209	.12	4	.85	.10	.46	2
L11600E 11475N	2	30	6	56	<.3	21	10	407	2.24	8	<8	<2	<2	40	<.2	<3	<3	58	.59	.089	13	34	.53	481	.03	5	1.32	.02	.06	<2
L11600E 11450N	1	17	10	31	.3	12	4	126	1.33	4	<8	<2	<2	30	.3	<3	<3	41	.44	.028	7	17	.25	206	.04	3	.76	.02	.05	<2
L11600E 11425N	2	29	13	66	<.3	21	10	305	2.50	11	<8	<2	<2	45	<.2	<3	<3	73	.50	.078	12	32	.59	411	.04	<3	1.35	.02	.06	2
L11600E 11400N	2	40	10	70	<.3	23	9	551	2.49	8	<8	<2	2	42	<.2	<3	<3	63	.41	.078	14	31	.56	467	.04	<3	1.26	.02	.07	2
L11600E 11375N	3	33	8	59	<.3	22	10	520	2.29	7	<8	<2	2	42	.2	<3	<3	62	.44	.088	14	31	.54	425	.04	5	1.24	.02	.07	2
L11600E 11350N	2	25	5	38	<.3	14	14	3118	1.71	3	<8	<2	<2	27	.2	<3	<3	41	.27	.082	12	17	.30	368	.03	3	.78	.02	.04	<2
L11600E 11325N	2	42	6	82	<.3	27	12	854	2.71	8	<8	<2	2	57	.2	<3	<3	67	.69	.089	15	38	.56	641	.03	3	1.68	.02	.09	2
L11600E 11300N	3	26	5	46	<.3	13	10	2108	2.56	6	<8	<2	<2	31	<.2	<3	<3	55	.33	.140	12	28	.31	390	.02	<3	1.03	.02	.04	<2
L11600E 11275N	1	20	11	48	<.3	16	7	237	1.84	5	<8	<2	<2	29	<.2	<3	<3	51	.29	.091	10	28	.46	426	.03	<3	1.19	.02	.05	2
L11600E 11250N	2	29	10	47	<.3	19	7	292	1.98	7	<8	<2	<2	31	<.2	<3	<3	52	.32	.052	11	25	.39	355	.03	<3	1.23	.02	.06	<2
L11600E 11225N	2	22	11	40	<.3	16	7	255	1.75	6	<8	<2	<2	22	<.2	<3	<3	43	.25	.054	9	20	.36	211	.04	<3	.94	.02	.05	<2
L11600E 11200N	2	29	9	59	<.3	26	12	369	2.97	10	<8	<2	3	21	.2	<3	<3	66	.25	.081	12	40	.64	202	.05	<3	2.12	.01	.09	2
RE L11600E 11200N	2	28	6	58	<.3	26	12	363	2.93	10	<8	<2	3	20	<.2	<3	<3	65	.25	.080	13	39	.63	197	.05	<3	2.08	.01	.09	2
L11600E 11175N	4	31	14	69	<.3	23	9	328	3.03	12	<8	<2	<2	30	.2	<3	<3	84	.28	.055	10	34	.54	167	.05	<3	1.67	.01	.08	2
L11600E 11150N	3	39	8	61	<.3	24	11	446	2.69	11	<8	<2	3	42	<.2	<3	<3	76	.37	.091	14	34	.61	331	.07	4	1.20	.02	.07	<2
L11600E 11125N	2	36	8	59	<.3	23	9	394	2.24	6	<8	<2	2	31	<.2	<3	<3	57	.35	.069	18	37	.59	620	.05	<3	1.36	.01	.06	2
L11600E 11100N	2	65	16	77	<.3	30	10	471	2.33	8	<8	<2	3	47	.2	<3	<3	70	.53	.111	26	47	.71	761	.04	3	1.90	.02	.08	<2
L11600E 11075N	4	142	6	89	<.3	27	7	207	1.94	6	<8	<2	2	56	.4	<3	<3	62	.64	.101	25	41	.59	575	.03	3	1.52	.02	.08	3
L11600E 11050N	2	313	11	41	.7	30	7	229	1.43	2	10	<2	<2	76	.3	<3	<3	26	1.10	.133	28	31	.29	692	.02	4	1.38	.02	.04	<2
L11600E 11025N	4	77	12	89	.4	37	17	579	3.19	13	<8	<2	4	52	.6	<3	<3	75	.69	.100	18	37	.70	346	.06	4	1.46	.03	.12	2
L11600E 11000N	5	52	4	73	<.3	25	9	320	2.43	8	<8	<2	3	49	.3	<3	<3	62	.62	.101	14	35	.61	312	.06	<3	1.26	.02	.08	2
103009	2	37	8	79	<.3	24	8	292	2.63	9	<8	<2	3	50	.2	<3	<3	70	.56	.082	13	35	.64	184	.06	4	1.09	.02	.12	2
103029	2	49	7	78	.3	28	12	547	3.06	14	<8	<2	3	41	<.2	<3	<3	70	.49	.053	16	31	.60	260	.04	5	1.28	.03	.10	2
104010	1	25	10	160	<.3	24	10	550	1.85	4	<8	<2	<2	64	1.4	<3	<3	46	1.15	.108	12	32	.55	455	.03	4	1.34	.02	.07	3
104021	2	36	14	64	<.3	22	10	382	2.49	9	<8	<2	2	35	<.2	<3	<3	68	.38	.065	15	32	.57	545	.06	<3	1.36	.02	.07	2
144415	2	33	9	46	<.3	21	9	332	2.16	7	<8	<2	<2	29	<.2	<3	<3	58	.35	.069	10	25	.43	208	.04	<3	1.03	.02	.07	<2
144416	3	35	14	69	<.3	21	8	404	2.29	8	<8	<2	<2	51	<.2	<3	<3	64	.70	.117	16	33	.60	458	.04	<3	1.40	.03	.06	2
144417	3	34	18	40	<.3	17	7	243	1.93	7	<8	<2	2	28	<.2	<3	<3	62	.26	.055	12	24	.42	364	.05	<3	1.05	.01	.05	<2
HM 154.508	1	47	11	27	<.3	13	7	351	1.44	4	<8	<2	<2	36	.3	<3	<3	40	.41	.062	13	13	.24	291	.03	3	.66	.03	.09	<2
HM 154.509	2	47	14	58	<.3	25	10	426	2.74	9	<8	<2	3	35	<.2	<3	<3	69	.37	.051	13	32	.62	450	.04	<3	1.37	.02	.13	<2
HM 154.511	1	60	10	56	<.3	32	10	435	2.56	8	<8	<2	<2	59	<.2	<3	<3	60	.91	.058	16	31	.54	351	.04	<3	1.02	.03	.06	<2
HM 154.512	2	36	12	53	<.3	32	11	409	2.81	10	<8	<2	2	23	<.2	<3	<3	70	.25	.052	10	37	.66	309	.04	<3	1.53	.02	.06	2
HM 154.513	2	9	7	25	.3	9	4	127	1.22	2	<8	<2	<2	14	<.2	<3	<3	37	.13	.034	4	15	.21	87	.03	3	.51	.02	.04	<2
HM 154.514	1	21	7	40	<.3	17	7	240	1.63	5	<8	<2	<2	28	<.2	<3	<3	47	.38	.086	12	24	.47	277	.05	<3	.97	.02	.05	<2
STANDARD DS3	10	125	35	163	<.3	35	13	832	3.24	30	11	<2	3	28	5.9	4	5	79	.55	.096	18	187	.62	153	.09	<3	1.75	.04	.17	7

Sample type: SOIL S150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Northern Natural Resources Services File # A103936 Page 1

901 - 1030 Burnaby St., Vancouver BC V6E 1N8 Submitted by: Mike Elson

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	4	<3	1	<.3	<1	<1	6	.03	<2	<8	<2	<2	2	<.2	<3	<3	1	.09	<.001	1	3	<.01	4	<.01	<3	.02	.38	.01	<2	<.2
101011	17	272	11	7	.4	3	2	129	.63	6	<8	<2	4	43	<.2	<3	<3	35	.11	.012	6	104	.01	1845	<.01	<3	.16	.10	.14	<2	5.0
101012	2	91	6	11	<.3	7	4	262	.78	2	<8	<2	3	145	<.2	<3	<3	46	.96	.039	19	24	.33	1216	.02	5	.42	.16	.20	<2	9.1
101014	2	46	7	20	.3	10	6	573	2.11	6	<8	<2	5	162	<.2	<3	<3	212	2.46	.058	25	25	.42	1630	.02	7	.40	.13	.23	<2	2.8
101015	9	203	18	12	.4	5	3	210	1.08	5	<8	<2	5	59	<.2	<3	4	68	.09	.022	6	74	.03	688	<.01	<3	.34	.14	.24	<2	16.6
101016	3	14	4	6	<.3	5	1	110	.28	2	<8	<2	2	54	<.2	<3	<3	14	.54	.225	9	86	.01	349	<.01	<3	.05	.03	.03	<2	.8
101017	8	125	10	5	<.3	6	1	241	.32	2	<8	<2	<2	10	<.2	<3	<3	17	.78	.003	3	118	.01	58	<.01	<3	.04	.01	.02	<2	1.7
101018	12	111	120	63	2.1	5	4	205	.91	2	<8	<2	4	27	.3	<3	4	60	.38	.034	14	66	.17	498	.02	<3	.38	.12	.13	<2	19.5
101020	8	1909	7	173	3.2	13	117	540	21.82	47	65	<2	9	42	<.2	<3	<3	1262	.13	.031	21	26	.05	1190	.03	<3	.30	.14	.20	<2	33.5
101022	21	114	4	19	<.3	9	7	391	1.70	<2	<8	<2	4	93	<.2	<3	<3	75	1.08	.059	21	29	.38	1236	<.01	<3	.32	.15	.13	<2	2.4
101024	<1	12	4	48	<.3	137	25	553	3.46	8	<8	<2	7	143	.2	<3	<3	115	1.74	.197	25	150	3.18	234	.22	<3	2.05	.31	.17	<2	3.9
101025	43	6004	15	44	9.2	13	7	295	1.48	5	12	<2	3	62	.7	<3	16	92	2.04	.076	16	81	.35	1375	.08	3	.49	.12	.35	<2	46.7
101026	<1	50	3	66	<.3	141	28	708	3.91	11	8	<2	7	113	.5	<3	3	127	1.42	.205	28	202	3.84	217	.23	<3	2.30	.24	.16	<2	.4
101028	31	949	4	27	.7	55	12	288	2.68	5	8	<2	6	77	<.2	<3	<3	242	1.32	.088	20	77	1.02	904	.10	<3	1.02	.19	.53	<2	27.9
102001	7	269	12	14	.4	7	10	323	1.75	5	<8	<2	4	100	.2	<3	<3	47	1.79	.054	18	20	.05	323	.01	<3	.38	.20	.20	<2	3.1
102002	3	215	14	22	<.3	5	3	240	.83	6	<8	<2	5	95	.2	3	<3	81	.66	.059	14	41	.05	1218	.01	<3	.43	.21	.35	<2	1.1
102003	4	64	34	21	<.3	5	4	418	1.45	4	<8	<2	5	193	<.2	<3	<3	59	2.36	.065	23	29	.22	1139	.02	<3	.34	.12	.17	<2	12.5
102004	2	20	6	27	.3	12	6	446	2.20	881	<8	<2	3	497	<.2	4	<3	13	2.49	.033	6	54	.85	152	.01	4	.36	.06	.25	<2	149.8
102005	1	7	3	37	<.3	22	3	868	2.37	4	<8	<2	<2	2077	.3	<3	<3	39	10.24	.039	5	59	.73	111	.01	<3	.82	.07	.14	2	1.6
RE 102005	1	7	8	37	<.3	21	3	877	2.40	6	<8	<2	<2	2095	.3	<3	3	38	10.32	.040	6	60	.74	111	.01	<3	.83	.07	.14	2	2.8
102006	2	2	7	54	<.3	14	7	489	1.39	5	<8	<2	15	246	<.2	<3	<3	20	2.48	.098	54	29	.79	1445	<.01	<3	.89	.11	.20	<2	1.1
102007	8	124	6	51	<.3	32	15	144	3.06	<2	<8	<2	3	43	.4	<3	<3	48	.81	.083	18	41	.19	89	.17	<3	.55	.14	.13	18	4.2
102008	9	329	8	14	.5	3	2	91	.73	5	<8	<2	8	138	<.2	<3	<3	43	.05	.006	3	59	.01	745	.01	<3	.23	.13	.16	<2	1.7
102013	3	92	28	10	1.0	5	3	279	.56	<2	<8	<2	4	168	<.2	<3	6	28	1.06	.055	24	23	.46	1826	.01	6	.33	.17	.18	<2	4.1
102031	160	11512	13	57	9.1	148	54	542	3.53	36	<8	<2	8	93	.4	<3	11	51	2.43	.048	36	24	.50	115	.02	<3	.73	.32	.04	<2	607.5
111001	4	64	16	10	<.3	5	2	86	.62	8	<8	<2	2	67	<.2	<3	<3	17	.03	.010	4	67	.01	1600	.01	<3	.23	.12	.16	<2	2.2
121201	4	67	11	13	<.3	4	3	158	.62	3	<8	<2	3	57	<.2	<3	<3	19	.06	.013	5	70	.02	1376	<.01	<3	.27	.13	.15	<2	2.0
121208	3	117	4	27	<.3	28	9	396	2.35	<2	<8	<2	3	89	<.2	<3	<3	108	1.73	.102	19	67	.81	419	.14	<3	.64	.17	.49	<2	26.3
121211	3	39	8	49	<.3	7	7	443	3.01	<2	<8	<2	7	111	.3	<3	<3	86	1.18	.082	28	26	.31	1040	.06	3	.59	.16	.23	<2	5.1
122208	4	17	11	19	<.3	5	2	238	.59	2	<8	<2	<2	109	<.2	<3	<3	18	.51	.014	5	43	.10	1213	<.01	5	.32	.15	.16	<2	1.0
122213	3	27	10	16	<.3	3	3	261	.89	<2	<8	<2	5	104	<.2	<3	<3	60	.50	.031	12	47	.05	1194	.01	<3	.31	.14	.21	<2	2.2
131300	3	9	12	18	<.3	5	3	299	1.23	2	<8	<2	15	289	<.2	<3	<3	93	.28	.048	14	39	.04	816	.02	<3	.32	.14	.18	<2	.4
131301	3	4	13	27	<.3	4	3	353	1.47	2	<8	<2	9	101	<.2	<3	<3	82	.54	.059	22	29	.17	854	.07	6	.46	.17	.22	<2	3.7
131302	6	567	5	22	.8	31	9	392	1.78	2	8	<2	3	133	<.2	<3	3	107	2.36	.089	13	55	.77	569	.15	9	.59	.18	.43	<2	37.4
STANDARD DS3	11	126	37	162	.4	35	12	827	3.21	32	8	<2	5	30	5.6	7	7	83	.57	.095	19	188	.62	159	.09	<3	1.66	.04	.19	3	19.3

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

DATE RECEIVED: NOV 9 2001 DATE REPORT MAILED: NOV 28/01 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
131303	2	38	8	45	<.3	10	15	775	3.91	4	<8	<2	9	149	.4	<3	<3	124	1.50	.252	43	22	1.38	752	.16	8	1.53	.24	.67	<2	5.6
131304	1	11	<3	33	<.3	15	16	524	4.97	2	<8	<2	10	197	<.2	<3	<3	156	2.54	.256	58	26	1.60	418	.16	5	1.74	.45	.72	<2	2.3
131305	7	27	6	4	<.3	2	1	76	.33	3	<8	<2	<2	21	<.2	<3	3	10	.04	.012	3	67	.01	170	<.01	3	.10	.03	.06	<2	4.6
131306	2	9	8	21	<.3	4	3	275	1.27	2	<8	<2	8	72	<.2	<3	<3	82	.17	.036	10	26	.03	749	<.01	4	.31	.11	.13	<2	.9
131317	3	33	3	21	<.3	21	6	200	1.78	2	<8	<2	2	28	<.2	<3	<3	82	.70	.086	8	48	.65	195	.17	<3	.71	.12	.36	<2	1.2
131321	1	57	<3	47	<.3	7	12	425	3.91	<2	<8	<2	<2	16	<.2	<3	<3	166	.66	.084	3	33	.92	251	.18	<3	1.27	.18	.71	<2	.8
131322	8	291	11	47	<.3	9	9	341	2.41	<2	<8	<2	8	71	.2	<3	<3	95	.81	.101	26	13	.24	1797	.02	12	.54	.14	.26	<2	4.6
131325	31	21028	9	253	8.2	36	233	874	29.98	51	26	<2	5	24	<.2	<3	<3	1505	.06	.014	47	7	.15	653	.02	<3	.22	.03	.03	<2	56.4
131326	5	118	5	36	.3	10	16	325	1.79	3	<8	<2	2	119	<.2	<3	<3	80	.73	.027	10	12	.13	2139	.01	3	.27	.12	.12	<2	.9
131329	9	175	8	18	<.3	5	9	401	2.36	3	<8	<2	9	103	<.2	<3	3	114	2.23	.104	31	11	.70	533	.07	3	.77	.11	.22	<2	4.3
131330	7	301	8	44	.6	15	11	544	4.08	2	<8	<2	8	94	.4	<3	<3	192	1.95	.146	37	38	1.02	1395	.10	7	1.01	.13	.43	2	3.9
131331	<1	29	11	75	<.3	170	31	864	4.85	7	<8	<2	7	155	.6	<3	6	142	2.69	.198	22	207	3.85	651	.17	3	2.56	.18	.18	<2	2.7
131332	53	142	6	6	<.3	6	10	217	3.12	4	<8	<2	<2	32	<.2	<3	<3	72	1.03	.078	13	27	.23	48	.18	<3	.57	.16	.08	15	7.8
131333	2153	921	24	3	2.9	9	6	47	.95	<2	<8	<2	<2	9	<.2	<3	11	70	.06	.015	3	124	.02	398	<.01	3	.10	.05	.04	3	3.3
131334	211	4743	21	39	1.9	5	8	473	1.32	89	<8	<2	6	141	.2	5	30	58	14.47	.052	30	15	.17	514	.01	<3	.25	.06	.04	2	76.5
131335	5	408	4	27	.4	21	8	381	3.34	5	<8	<2	6	113	<.2	<3	<3	103	1.24	.207	20	21	1.05	447	.13	4	1.38	.41	.26	<2	96.0
131335A	2	101	6	41	<.3	110	22	561	2.98	5	<8	<2	6	171	.3	<3	<3	96	3.08	.173	25	174	2.61	671	.18	3	1.77	.23	.80	<2	2.1
131336	129	2062	6	37	1.8	14	9	322	1.73	4	<8	<2	3	66	.4	<3	11	88	1.36	.080	12	53	.59	434	.09	4	.53	.12	.26	<2	17.4
131337	71	8010	8	57	2.0	41	42	375	7.62	<2	<8	<2	3	42	<.2	<3	<3	712	.51	.080	147	30	.49	837	.14	<3	.49	.14	.21	<2	33.0
131339	7	895	10	7	.7	5	2	169	.52	3	<8	<2	8	50	<.2	<3	25	23	.78	.037	14	48	.09	522	<.01	4	.35	.20	.03	<2	26.8
131340	38	9185	11	45	2.5	29	15	244	1.85	6	<8	<2	8	83	<.2	<3	<3	51	.47	.108	29	25	.41	2700	.11	<3	.67	.15	.09	<2	472.9
RE 131340	37	8997	11	45	2.5	28	15	236	1.82	7	<8	<2	9	82	<.2	<3	<3	50	.46	.105	29	24	.41	2753	.12	<3	.65	.14	.09	<2	500.6
131341	6	10749	9	31	2.4	39	6	133	1.93	8	<8	<2	7	79	.2	<3	<3	30	.70	.116	25	21	.52	189	.11	7	.99	.18	.10	2	398.9
131343	3	3937	26	16	3.6	12	5	264	1.04	5	<8	<2	9	70	<.2	<3	203	49	1.63	.103	22	27	.41	1340	.11	6	.58	.16	.07	5	1205.9
131344	5	5256	16	20	4.3	21	13	169	2.01	7	<8	<2	9	61	.2	<3	49	47	.77	.104	19	20	.42	1359	.10	4	.86	.23	.07	<2	1435.4
132301	1	94	<3	76	.3	48	20	914	4.05	5	<8	<2	2	154	.5	<3	<3	115	1.46	.230	28	125	1.59	304	.23	8	2.02	.10	.40	<2	3.5
132302	14	108	<3	19	<.3	40	12	67	1.79	3	<8	<2	3	51	.5	<3	<3	49	.50	.094	11	53	.13	118	.16	4	.40	.14	.11	<2	4.5
132303	2	63	6	22	.3	6	6	414	1.78	5	<8	<2	8	71	<.2	<3	<3	80	.57	.090	28	22	.14	1068	.03	9	.39	.10	.16	<2	3.0
132304	18	65	3	11	<.3	7	6	107	1.31	3	<8	<2	6	100	.2	<3	<3	21	.61	.081	24	33	.14	249	.12	<3	.64	.17	.13	<2	2.2
132305	1	62	<3	39	<.3	41	34	650	3.92	31	<8	<2	<2	16	.3	<3	<3	122	1.39	.042	1	100	2.07	42	.29	<3	1.96	.12	.01	<2	1.2
132306	6	88	<3	19	<.3	34	13	117	2.93	10	<8	<2	2	87	.3	<3	<3	79	1.04	.087	9	37	.47	106	.16	<3	1.48	.32	.30	<2	6.1
132307	1	39	5	43	<.3	16	11	782	3.29	9	<8	<2	2	77	.3	<3	<3	136	4.14	.088	9	48	1.12	155	.24	8	1.30	.11	.16	2	5.9
132308	2	18	12	15	<.3	5	2	238	.86	4	<8	<2	23	110	<.2	<3	<3	40	.60	.025	18	16	.05	554	.02	<3	.21	.11	.11	<2	3.1
132309	10	71	4	24	<.3	32	11	98	1.95	5	<8	<2	3	39	<.2	<3	<3	51	.61	.082	13	36	.21	88	.16	3	.54	.13	.18	17	4.8
STANDARD DS3	10	125	37	156	.3	37	11	802	3.12	31	<8	<2	4	29	5.7	4	6	79	.55	.093	19	187	.59	155	.09	<3	1.77	.04	.18	3	22.2

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
132310	2	65	<3	37	<.3	8	18	653	4.32	3	<8	<2	<2	14	<.2	<3	<3	140	1.04	.143	4	9	.70	247	.34	<3	1.36	.13	.01	<2	.6
132311	1	5	18	26	<.3	14	8	442	1.47	7	<8	<2	13	90	.2	<3	<3	12	.96	.091	32	32	.23	345	.01	<3	.51	.07	.21	<2	1.0
132312	10	62	6	11	<.3	27	9	62	1.50	3	<8	<2	2	54	<.2	<3	<3	34	.68	.100	7	30	.14	168	.15	<3	.59	.15	.13	<2	1.4
132313	8	104	4	15	<.3	32	12	76	1.93	3	<8	<2	3	75	<.2	<3	<3	52	.82	.094	9	41	.27	164	.15	<3	.82	.17	.16	5	2.3
132314	5	94	5	36	<.3	31	13	125	2.72	<2	<8	<2	2	101	<.2	<3	<3	77	.92	.088	9	61	.49	62	.15	<3	1.43	.28	.41	<2	6.0
132323	68	16	71	84	.3	23	4	573	.84	24	11	<2	3	389	.6	3	<3	108	11.75	.096	34	38	.48	409	.08	1223	.26	.04	.08	2	.8
132338	4	2256	6	12	.6	6	5	85	1.47	5	<8	<2	6	141	<.2	<3	<3	44	.98	.094	22	23	.12	648	.09	10	.87	.15	.10	2	84.6
132342	5	5202	8	25	1.1	13	7	128	1.47	4	<8	<2	8	60	<.2	<3	<3	46	.64	.113	29	19	.29	846	.11	6	.86	.13	.12	<2	264.4
141402	3	227	8	14	<.3	17	5	303	1.29	2	<8	<2	2	60	<.2	<3	<3	90	1.04	.065	12	43	.69	1074	.16	5	.48	.11	.19	<2	16.4
141403	3	56	4	13	<.3	10	5	233	1.58	<2	<8	<2	10	124	<.2	<3	<3	78	.48	.093	26	25	.27	1834	.08	7	.42	.10	.16	<2	4.3
141405	30	9517	66	61	14.7	13	7	669	2.35	<2	10	<2	5	103	.5	<3	4	111	3.56	.057	33	17	1.48	161	.01	<3	.18	.09	.04	<2	61.6
141408	3	24	35	19	<.3	17	7	374	.96	2	<8	<2	3	64	<.2	<3	<3	52	.91	.072	11	85	.74	1228	.08	<3	.48	.10	.53	2	1.6
141410	7	41	43	139	.6	4	3	405	1.68	<2	<8	<2	2	62	.6	<3	5	43	.10	.032	38	16	.02	876	<.01	<3	.20	.05	.13	<2	4.7
141411	2	6	19	30	<.3	3	5	509	1.53	<2	<8	<2	10	84	<.2	<3	<3	81	.41	.053	22	9	.11	1233	.02	4	.40	.08	.13	<2	2.1
141413	4	42	59	29	1.0	7	7	846	2.64	3	<8	<2	8	98	<.2	<3	3	272	2.94	.030	24	11	.17	1512	.02	4	.31	.05	.15	3	11.6
141418	5	138	3	80	<.3	19	31	622	8.29	<2	<8	<2	11	67	<.2	<3	<3	956	.42	.042	6	14	.07	1299	.01	<3	.22	.11	.16	<2	6.4
141419	1	11	3	35	<.3	10	6	474	1.73	2	<8	<2	5	31	<.2	<3	<3	59	.40	.080	13	23	.32	239	.12	<3	.84	.09	.32	<2	.7
141420	7	431	6	12	<.3	8	6	116	1.42	5	<8	<2	6	212	.2	<3	<3	43	1.30	.165	25	7	.23	432	.11	7	1.20	.24	.08	11	22.7
141421	2	2847	11	18	3.1	8	3	225	.90	5	<8	<2	7	75	<.2	<3	13	38	1.28	.102	26	20	.50	714	.11	3	.61	.13	.09	<2	209.1
141422	8	13150	7	30	1.2	16	18	156	1.48	6	9	<2	9	77	<.2	<3	<3	40	.58	.111	27	8	.31	1924	.10	<3	.82	.10	.11	<2	235.8
141423	3	2380	9	9	1.3	7	3	124	1.04	7	<8	<2	8	137	<.2	<3	<3	36	1.01	.114	26	9	.34	1230	.11	5	.91	.19	.11	<2	52.6
141424	2	2414	9	29	2.0	8	10	261	1.87	3	<8	<2	9	76	<.2	<3	<3	58	.71	.112	29	22	.46	1259	.13	3	.71	.12	.14	<2	53.4
RE 141424	3	2460	9	30	2.1	7	9	259	1.91	<2	<8	<2	9	77	<.2	<3	<3	60	.72	.113	29	23	.47	1241	.12	4	.73	.13	.15	<2	210.6
141425	3	4422	12	16	4.7	8	3	195	1.33	7	<8	<2	10	99	<.2	<3	13	36	1.11	.119	24	20	.38	533	.10	5	.86	.16	.07	<2	2552.1
141426	2	8551	18	43	8.3	28	8	414	1.49	7	9	<2	6	70	<.2	<3	25	63	2.41	.324	27	24	.95	696	.09	<3	.63	.16	.07	<2	311.1
HM 151.502	2	111	22	29	<.3	2	2	356	1.19	2	<8	<2	21	123	<.2	<3	<3	72	.46	.044	14	24	.09	1019	.04	3	.31	.10	.13	<2	4.9
HM 151.505	1	31	9	17	<.3	3	2	92	1.25	<2	<8	<2	5	89	<.2	<3	<3	66	.07	.023	5	23	.02	799	.01	<3	.26	.10	.13	<2	1.5
HM 151.506	2	18	18	17	<.3	2	2	204	1.08	4	<8	<2	4	113	<.2	<3	<3	77	.26	.037	9	29	.08	1317	.06	<3	.26	.10	.14	<2	1.8
HM 151.510	6	86	20	14	.3	4	6	565	1.26	5	<8	<2	4	45	<.2	<3	<3	36	.49	.035	28	8	.06	2175	<.01	<3	.31	.07	.13	<2	14.2
HM 151.515	5	55	7	9	<.3	3	4	182	1.05	2	<8	<2	5	71	<.2	<3	<3	25	.77	.090	28	7	.17	517	.08	4	.42	.12	.14	<2	3.2
HM 151.516	2	80	5	31	<.3	14	11	462	2.40	4	<8	<2	11	143	<.2	<3	<3	89	1.60	.169	31	46	1.54	673	.19	3	1.23	.27	.27	<2	1.5
151.517	2	128	<3	44	<.3	12	21	517	6.57	2	<8	<2	7	105	.2	<3	<3	152	2.25	.168	16	44	2.25	269	.19	4	2.46	.25	.57	11	17.2
151.518	2	21	3	10	<.3	5	2	134	.73	5	<8	<2	2	125	<.2	<3	<3	53	1.18	.032	8	12	.46	165	.17	6	1.53	.63	.09	<2	2.2
151.519	16	7195	12	50	3.5	14	8	192	1.50	6	<8	<2	8	60	.2	<3	<3	52	.76	.113	37	7	.54	959	.11	5	.87	.14	.12	<2	317.4
151.519A	151	4747	16	42	5.3	61	25	593	2.06	12	<8	3	6	113	.2	<3	<3	42	2.74	.046	26	18	.18	264	<.01	<3	.33	.10	.04	<2	1003.7
STANDARD DS3	10	126	37	156	<.3	35	12	805	3.15	30	8	<2	5	28	5.4	5	6	83	.55	.093	19	185	.60	154	.09	<3	1.80	.05	.18	3	20.1

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
L11+200E 11+600N	1	89	9	85	<.3	31	22	895	5.15	10	<8	<2	2	99	.6	<3	<3	162	3.66	.092	6	82	2.34	220	.28	8	2.77	.04	.13	<2	5.7
L11300E 11000N	1	18	12	129	<.3	19	19	1301	3.88	4	<8	<2	9	110	<.2	<3	<3	138	1.59	.155	36	61	1.88	1897	.24	4	1.44	.11	.74	<2	1.3
TL11300E 11000N	2	22	6	13	<.3	3	3	193	.57	<2	<8	<2	<2	167	<.2	<3	<3	16	.70	.029	6	13	.13	1978	.01	10	.24	.10	.13	2	14.4
L11+500E 11+900N	2	15	9	5	<.3	2	1	77	.38	<2	<8	<2	3	263	<.2	<3	<3	21	.16	.034	10	9	.03	1658	.05	<3	.21	.11	.13	<2	.9
L11+500E 11+500N	5	13	3	26	<.3	11	5	672	1.40	2	<8	<2	3	35	<.2	<3	<3	44	1.61	.036	9	64	.37	219	.01	<3	.59	.07	.09	<2	1.3
L11+500E 11+325N	1	9	11	9	<.3	4	2	83	.54	<2	<8	<2	2	82	<.2	<3	<3	12	.05	.003	1	38	.04	1828	<.01	<3	.24	.09	.09	<2	.6
L11+500E 11+075N	3	14	19	16	<.3	3	2	254	.94	22	8	<2	22	53	<.2	<3	<3	37	.17	.038	14	15	.08	978	.05	3	.27	.11	.10	<2	.6
L11+500E 11+050N	2	39	6	11	<.3	4	4	126	1.17	3	<8	<2	5	93	<.2	<3	<3	35	.73	.092	24	8	.16	544	.08	<3	.60	.13	.08	2	1.1
RE L11+500E 11+050N	3	42	4	10	<.3	6	5	137	1.24	2	<8	<2	6	98	<.2	<3	<3	38	.78	.097	26	10	.17	573	.08	<3	.65	.14	.09	2	.8
STANDARD DS3	10	127	37	163	.3	38	12	833	3.28	31	14	<2	5	30	6.1	4	5	83	.56	.097	18	187	.63	157	.09	<3	1.74	.04	.19	4	22.0

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ACME ANALYTICAL LABORATORIES LTD.
(ISO 9002 Accredited Co.)

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

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GEOCHEMICAL ANALYSIS CERTIFICATE

Northern Natural Resources Services File # A104080

901 - 1030 Burnaby St., Vancouver BC V6E 1N8 Submitted by: Mike Elson

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
M01-01	13	502	18	32	1.2	11	6	584	1.95	<2	<8	<2	6	166	<.2	<3	<3	89	2.50	.128	28	32	.82	1074	.02	3	.36	.11	.14	2	15.3
M01-02	599	4938	7	30	2.3	74	28	488	2.62	3	<8	<2	6	83	.5	<3	<3	46	2.22	.051	23	27	.50	285	.02	5	.61	.20	.03	3	240.7
M01-03	24	16805	19	98	1.5	38	121	486	1.58	5	<8	<2	5	40	.3	<3	4	38	.18	.044	94	24	.32	415	.02	<3	.70	.30	.06	4	31.4
RE M01-03	21	17392	20	102	1.5	39	125	505	1.62	5	<8	<2	5	40	.4	<3	<3	39	.18	.046	98	25	.33	430	.03	<3	.69	.28	.06	5	48.1
STANDARD DS3	10	121	31	153	.5	35	11	736	3.12	32	<8	<2	4	26	6.2	6	6	77	.52	.094	16	182	.58	151	.07	3	1.68	.03	.16	5	22.4

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

DATE RECEIVED: NOV 20 2001 DATE REPORT MAILED: Nov 28/01 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

APPENDIX B

Rock Sample Location and Description Records

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
132301	L11750E 10965N	Float. rounded, pyrite, iron staining rock is green in colour
132302	L11797E 10952N	Float. similar rock to sample 132301, sub-rounded, has pyrite
132303	L10997E 11715N	Float. angular, iron stating, larger clumps of pyrite
132304	L11997N 11+300E	Float. angular, oxidized, iron staining, igneous
132305	L11990N 11+300E	Float. subangular, green in colour, igneous, pyrite congregating around veins, possibly chalcopyrite
132306	L11990N 11+300E	Float. subangular, has strata, appears to be a sedimentary rock, pyrite fine grain throughout rock
132307	L11950N 11292E	Float. conglomerate, subangular pyrite in some of the rock
132308	L11900N 11295E	Float. subangular, igneous, pink in colour, fine grain mineral throughout appears to be pyrite or chalcopyrite.
132309	GPS 0511159 6796612	Float. angular, iron, staining similar to sample 132303, rock has pyrite
132310	L11+223N 11+105E	Float. found under turned up stump quite weathers, lots of iron staining, has quartz veins, rock is angular
132311	L11+052N 11+095E	Float. subangular, fine grain pyrite throughout rock, orange in colour, igneous, iron staining.
131300	GPS 0510039 6796483	Outcrop. same as float sample 13211
132312	L10990N 1042E	Float. angular, iron stating, has strata, appears to be sedimentary, has fine grain pyrite throughout (red meat rock)

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
132313	GPS 0510038 6796727	Float. angular, red meat rock.
131301	GPS 10172E 96582N	Outcrop. igneous rock with quartz veins, pyrite and possibly asbestos.
131302	GPS 09791E 95891N	Outcrop. has quartz veins with possible malachite.
131303	GPS 09844E 95891N	Outcrop. same type as 131302 with chalcopyrite
131304		Outcrop. appears to be part of a small section that has been intruded, has lots of chalcopyrite, sample is dark and it looks metamorphosed, the surrounding rock is light orange or pink.
131305	GPS 10177E 96517N	Outcrop. quartz vein, iron staining 4 cm wide, strike 315°80°.
131306	L10503E 11+322N GPS 10346E 96507N	Outcrop. felsic, igneous intrusive, hardly any mafic minerals, tanned and rusty.
131314		Float. angular red-meat rock.
131315	L12+025N 11+875E	Subcrop. angular, small quartz veins less than 2 cm, possibly mafic rock inside sample rock.
131316	11815E 96080N	Outcrop. quartz vein, possibly magnetic maloy, biotite, same sort of rock as sample as 131315
131317	GPS 11053E 94980N	Outcrop. dark green fine grain mineral has pink vein * mafic dyke zone.
131318	GPS 11048E 94995N	Outcrop. appears to be igneous rock with pyrite plumes throughout some mafic xenoliths.
131319	11185E 95049N	Outcrop. previously samples (C2986) some pyrite and a grey mineral.

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
131320	11215E 95084N	Outcrop. lots of pyrite throughout rock.
131321	L12900E 10250N (approx.)	Outcrop. a dark fine grain rock with quartz veins and large clumps of chalcopyrite.
131322	L11750E 10200N	Outcrop. igneous rock with chalcopyrite and iron staining.
131323	L12050E 11+200N (approx.)	Float. angular, calcite veins in what appears to be a mafic rock, very, very soft fine grain.
131324	L12050E 11+200N (approx.)	Outcrop. dark mineralization, quartz veins, dark mineralization has interesting mineral structure.
131325	GPS 11274E 95372N	Outcrop. magnetite, lots of malachite, azurite, chalcopyrite, pyrrhotite, runs along magnetite vein 85-85°W? half inch wide.
131326	GPS 11122E 95522N	Subcrop. iron staining manganese mineral pyrite, possibly magnetite, dark green mineral on fracture surfaces less than 2 cm
131327	GPS 11133E 95486N	Subcrop. iron staining, brittle, pyrite, chalcopyrite, quartz veins hematite staining.
131328	L12+000N 10+920E	Subcrop. possible magnetite or galena chalcopyrite, and pyrite running along veins
131329	GPS 11126E 95113N	Outcrop. pyrite at decent % throughout, pyrrhotite, darker minerals
131330	GPS 11112E 95058N	Outcrop. chalcopyrite, malachite, quartz veins, looks like a pink granitic rock
131331	GPS 11143E 94922N	Outcrop. *sample of mafic dyke
131332	GPS 11149E 94922N	Outcrop. lots of pyrite, iron staining
132338	-located	Float. chalcopyrite with malachite and iron staining in a talus slope covered with

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
	12100E 10350N (approx.)	vegetation
131339	GPS 10583E 94628N	Outcrop. malachite, chalcopryite in different sort of rock from last two samples.
131340	located around sample 141421 (Tim's sample)	Subcrop. lots of malachite some azurite, lots of iron staining, appears to be an igneous rock
131341	located at T&A zone	Outcrop. massive chalcopryite, and malachite
131342	T&A zone	Float. angular, lots of malachite, azurite, chalcopryite
131343	~35 m NE of the first T&A sample on a cliff	Outcrop. azurite, malachite, chalcopryite, good showing, better the further into the outcrop you go
131344	located 3 m east along same cliff as 131343	Outcrop. same as 131343
131333	GPS 11143 94922N same location as 131331	Outcrop. same chalcopryite, pink rock, quartz veins beside mafic dyke
131334	GPS 10456E 94932N	Outcrop. rock with lots of calcite, malachite, chalcopryite, large calcite crystals similar to cliff zone.
131335	GPS 10267E 95297N	Outcrop. large green crystals and brownish maroon crystals, unknown, possibly hornblende
131335	located on moon knob 50 m to the SW of first mafic dyke found	Outcrop. more mafic dyke rock with what appears to be quartz veins with chalcopryite same other feldspar or plagioclase rock intruding or being intruded
131336	located next to sample A29312	Outcrop. chalcopryite, malachite, azurite, chalcopryite massive and through quartz veins

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
131337	GPS 511001 6794827	Subcrop. talus slope below sample 131336 shows lots of malachite and azurite
131338	E 0511174 Zone 9 N 6797392 1277 m	subcrop/syenite, pink, no visible mineralization, hematite stain, float (amfic+porphy rounded, feldspar phenocrysts up to 5 mm size in aphanitic dark grey groundmass
151500	E0511088 1264 m N 6797643	subcrop. Grab sample of monzonite with sparsely chalcopyrite magnetite on fracture planes, limonite stain in fissures and on fracture planes
151502	E 0510749 1336 m N 6797712	big talus area of monzonite grey-pink, few quart veins <20 cm width, magnetite + hematite stains, subcrop grab sample
151501	E 0511120 1281 m N 6797382	subcrop, syenite with clusters of magnetite, grab sample
	E 0510518 1343 m N 6798011	subcrop, phase contact of felsic to porphyritic monzonite?
152504	E 0509967 1411 m N 6798186	float, rounded, mafic (dark grey) with magnetite clusters in aphanitic matrix, grab sample
152503	E 0510134 1420 m N 6798001	float, angular, pegmatitic syenite, no visible mineralization, grab sample
151505	E 0510039 1378 m N 6798541	outcrop, porphyry with up to 5 mm long phenocrysts of feldspar in b+w-grey groundmass, orange stained, hematite coating, chip sample
15106	E 0509831 1378 m	outcrop, diff. pegmatitic syenite, hornblende (black greenish) up to 5 mm long orange stained, chip sample
151507	E 0509118 1426 N 679 5751	outcrop, dark greyish monzonite? disseminated fine pyrite; chip sample

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
151510	E 0508997 1408 m N 6796190	outcrop, alteration zone in monzonite, yellow-orange filling of fissures and staining on fracture plane, no visible mineralization; chip sample
154511	E 0508958 1394 m N 6796251	soil sample
	E 0508952 1390 m	angular float, conglomerate with aggregates (gravel) up to 5 cm Ø, red-brown colour of matrix, ultramafic rounded float (basalt)
151515	E 0511211 1411 m N 6795014	outcrop, dark greyish monzonite? finely disseminated pyrite throughout matrix, hornblende up to 5 mm long, no other mineralization; chip sample
151516	E 051113 1415 m	outcrop, dark grey mafic with flow regulated feldspar up to 5 mm long in hornblende matrix, contains syenite ? xenolith; chip sample; width of mafic dyke approxm 7 m, 72° 35° SE
151517	E 0510659 1442 m N 6794558	outcrop, basaltic dyke, width 0.2 m, no visible mineralization; chip sample
151518	E 0570200 1436 m N 6794766	outcrop, syenite/diorite phase contact, rich in magnetite clusters, grab sample
	E 0509748 1349 m N 6794841	outcrop basalt dyke, trending 160°
151519	E 0509839 1398 m N 6794837	outcrop, kelly bolder, fractured monzonite, massive chalcopyrite in matrix, magnetite + bornite? clusters, calcareous on fracture planes, slightly silicified chip sample; exposed mineralized zone 3 m, open, denser chalcopyrite + pyrite mineralization with depth
151521	E 0512926 1167 m N 6797302 top of mtn. with little clearing	outcrop, partly rusty stained, monzonite ?, aphanitic groundmass of greyish-pinkish and blue/greenish coloration, pyrite specks, yellow-orange staining on fracture plane; grab sample

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
	in dense toothpick-tree forest	
151520	E 0512724 N 6796784	outcrop, monzonite with calcite filled fissures, altered, minor pyrite magnetite + hematite; chip sample
102001	GPS 11683E 96891N Main drainage of camp running 60° 2-3 metres wide	Float, subangular heavy Fe stain, carbonaceous pyrite to 5% in pods
102002	GPS 11578E 96842N about 200 metres westerly up creek from 102001 1-2 metres wide	Float, subangular, heavy Fe stain, monzonite? chalcopyrite rare <1%, rare malachite; quartz sheet vein <1 cm wide
102003	GPS 11551E 96817N westerly from 102002 2-3 metres wide L 11201E 12350N app.	Float, subangular to angular. Brittle rock, easily fractured. Heavy Fe stain. Siliceous, about 50 metres up creek chalcopyrite to 1% approximately. Malachite rare and found on fracture faces. Hematite stain is moderate, mini stockwork of quartz veinlets <1 cm wide on average. Pyrite to 5%
102004	GPS 11514E 96775N creek 30° 1 metre wide L 11209E 12285N app.	Float, rounded to subangular, light green intrusive. Quartz vein 3cm wide, bull white pyrite on edges of vein and in matrix of intrusive. Sedimentary (?) xenoliths <3 cm wide and angular. Pyrite to 5%
102005	GPS 11485E 96720N	Float, rounded, quartz veins <5 cm stockwork; siliceous matrix, fine grained pyrite 2%. Moderate Fe stain. Calcareous alteration; pyrite in pods. Sedimentary xenoliths in mafic? Intrusive/xenos light grey chert??
102006	GPS 11485E 96715N 5 metres upstream from 102007	Float, subangular, feldspar porphyry. Rusty pyrite in matrix to 2%. Moderate to heavy Fe stain throughout
102007	GPS 11466E 96678N 25 metres upstream from 102006	Float, subangular, highly siliceous, chalcopyrite to 1%, pyrite to 3%. Pyrrhotite rare. Heavy Fe stain. Bedding ? (finely banded) light green fine grained

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
102008	GPS 11489E 96564N about 11350E 12125N frost boil	Float, subangular, rare chalcopyrite blebs. Heavy Fe stain, light tan colour, siliceous med grain intrusive syerite?
104010	L 10400E 12185N	Silt, hand grab in <1 metre gentle flowing creek to east southeast
101011	approx. L 10375E 11200N	Outcrop, grab; quartz vein about 4 cm wide rare chalcopyrite; malachite minor staining. Heavy Fe stain 270/6 Fe stain felsiv intrusive, syenite
101012	09791E 95891N near previous sample 29329	Outcrop, grab, minor chalcopyrite dark green intrusive monzonite medium to coarse grained 315°. Dyke?? 3 metres.
102013	L 10375N 10600E mafic xenos observed	Float, Fe stained felsic intrusive syenite/syeno-monzonite? mafics normblende?
101014	L 10550E 10400E near previous 293230 or 293236?	Outcrop, grab. Heavy Fe stained syenite? green mineral? vein (olive green to brown) discontinuous and less than 3 cm
101015	Approx L 10380E 11150N	Outcrop, grab of quartz vein 4 cm wide, rare chalcopyrite pods. Felsic intrusive syenite 276° strike. Topo high in area.
101016	25 metres east of 101015	Outcrop, grab, quartz vein 5 cm wide; barite as well? (sugary texture on edge of vein). No visible pyrite, 320/vertical
101017	11000E (topo plot) 95200N	Subcrop, coarse boulder float (angular) up to 25 cm wide quartz vein. White colour, minor malachite; pyrite is rare. Minor Fe stain, well formed crystals of massive quartz <1 cm average
101018	2 metres east of 101017	Outcrop, quartz vein 20 cm to 30 cm wide in felsic intrusive. Minor to moderate hematite stain; minor Fe stain. No visible pyrite, rare malachite; possible magnetite.

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
		Strike 82°
101019	about 15 metres south of 101017	Outcrop, grab, mafic dyke?? fine grain dark green (skar/hornfels??) no visible pyrite. Small <1 cm rare amber coloured crystals. 182° approximate strike
101020	11313E 95363N	Grab/outcrop, magnetite pod 3 metres wide in felsic intrusive syenite. Minor pyrite, chalcopyrite and malachite. Moderate to heavy Fe stain
101022	L 12000N 10920E	Subcrop, Fe stained intrusive, light tan minor chalcopyrite, pyrite, possible pyrrhotite. Magnetite pods and veinlets <1 mm wide
101023	3 metres from 131329 north side of Moon Knob?	Subcrop, quartz boulder approximately 25 cm wide, milky white chalcopyrite on fracture faces. Magnetite, possible galena? Moderate to heavy Fe stain and rare malachite stain
101024	top of Moon Knob? DDH 12 topo high	Outcrop, grab mafic dyke about 1 metre wide (poorly exposed). 62° strike. Olive green medium grain faces hornblende lathes <1mm slightly vesicular. Rare Fe stain. In cont with light pink syenite?
101025	about 50 metres east of 101024	Outcrop, grab, fine grained green dyke? material similar to 101019 (sediment contact area??) no visible pyrite; malachite on fracture faces
101026	next to (south 1 metre of) 101025	Outcrop, grab, same description as 101024 strike 70°
101027	west slope of Moon Knob western boundary of DDH 12	Outcrop, quartz vein approximately 3 cm wide (smokey) magnetite. Fine grained pyrite 145/85E
101028	L 11775E 10275N	Outcrop, grab fine grained crystalline black intrusive? minor chalcopyrite. Moderate Fe stain, angular float in talus. Stockwork vein <1 cm

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
101030	gulley north of Cliff Zone and west of Placer Dome camp about 60 metres	Outcrop, grab quartz/calcite/Bx. Heavy Fe stain carbonate? no visible pyrite
102031	L 11306E 9707N hand trenched, around this boulder, appears to be in place as rock around it is mineralized as well	Subcrop, angular boulder. Intrusive boulder, monzonite with pods of massive chalcopyrite, rare amgnetite. Moderate Fe stain. Minor hematite stain, mini quartz stockwork? Mafic xenoliths rare <2 cm. Boulder about 1 metre in size, rare calcite veinlets

111100	
121201	
121202	
122203	All samples taken 300 m northeast of northeast corner of the grid (approx.).
122204	All the same rock type, grey intrusive, fine-grained porphyry, occasional pyrite
122205	and possible chalcopyrite.
122206	
122207	
121208	
122208	
121209	
121210	
121211	
121212	

Mars Property – 2001 Rock Sample Location and Description Record

<i>Sample No.</i>	<i>Location</i>	<i>Description</i>
M01-01	Cliff Zone	Composite sample of altered granodiorite with magnetite and K-Spar veining, very fine grained secondary biotite, traces malachite. 502 ppm Cu, 1.2 ppm Ag, 15.3 ppb Au
M01-02	X Zone	Placer Dome's "Kelly Boulder" - selected grab sample of altered & weathered syenite-quartz-sulfide-magnetite breccia outcrop in hand trench. 10% malachite. 4938 ppm Cu, 2.3 ppm Ag, 240.7 ppb Au
M01-03	X Zone	Selected grab sample of malachite-azurite-limonite stained fine grained altered granodiorite. 16805 ppm Cu, 1.5 ppm Ag, 48.1 ppb Au