GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL ASSESSMENT REPORT

for the

CH 10-16

MINERAL CLAIMS

OMINECA MINING DIVISION

NTS 93F-7E/8W

Latitude 53°31' North Longitude 124°25' West

Owned and Operated by: Placer Dome Inc.
410-1450 Pearson Place
Kamloops, B.C.
V1S 1J9

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TABLE OF CONTENTS

List of Figures

List of Appendices

List of Tables

1.0 SUMMARY

Geology, geochemistry and geophysical surveys on the CH Property have outlined three types of mineralization:

1. Lead-zinc-silver-gold mineralization associated with sulphide veins in sheared volcanic and sedimentary rocks.

2. Porphyry style copper-gold mineralization contained in a quartz stockwork, with associated magnetite, chalcopyrite and pyrite, hosted in silicified volcanic and intrusive rocks.

3. Copper mineralization associated with late stage quartz-k-spar veins in volcanic rocks.

Potential for economic, low grade, bulk tonnage copper-gold mineralization exists with the porphyry style quartz stockwork and associated sulphide mineralization. A large, glacially dispersed gold-copper-lead-zinc-silver ± arsenic soil anomaly, coincident with magnetic and chargeability highs, overlies a porphyry style mineralized area. In areas with thick overburden, similar coincident magnetic and chargeability highs may indicate copper-gold mineralization and warrant additional work.

2.0 INTRODUCTION

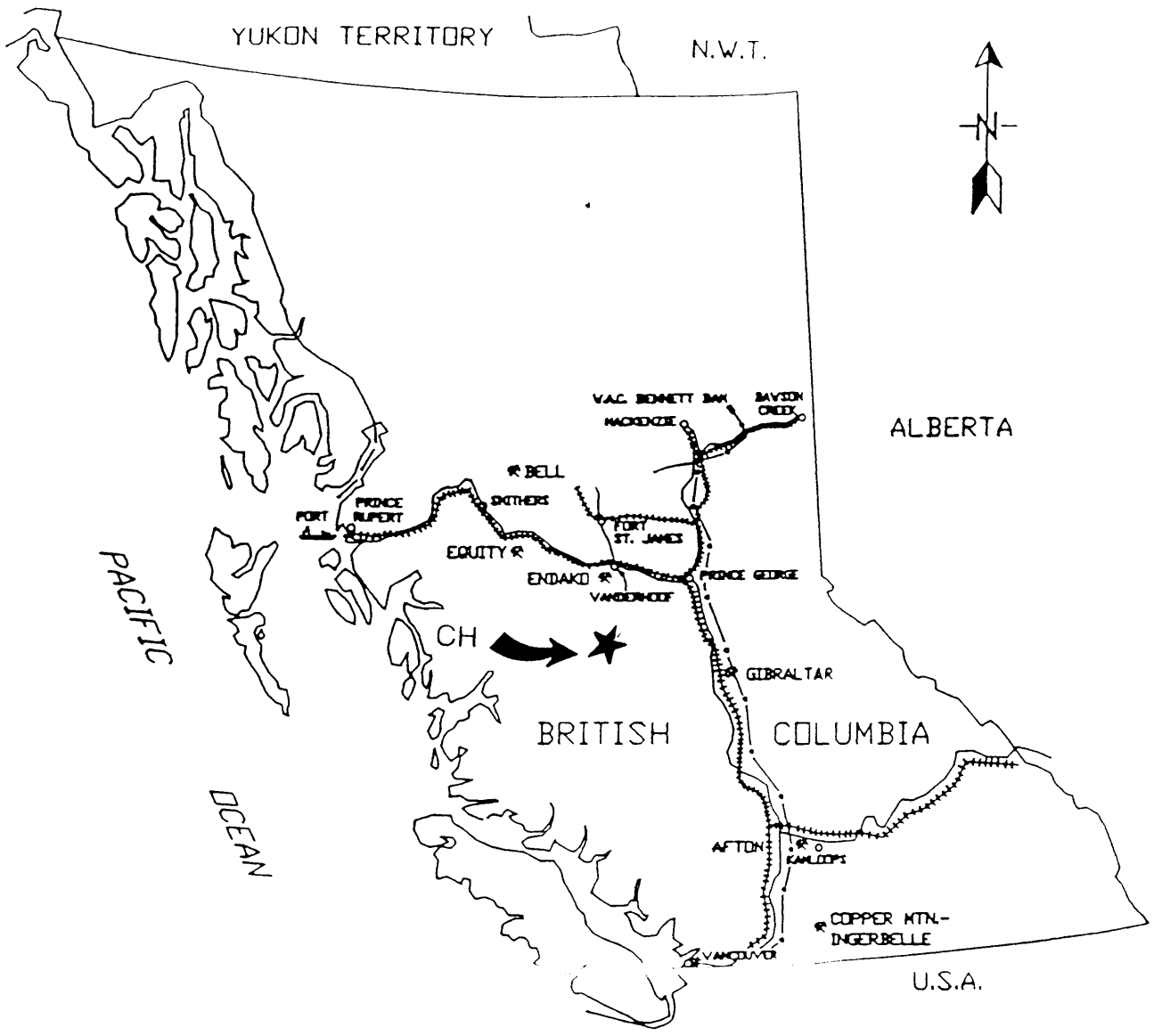
Exploration during the 1991 field season began in March and was completed in mid June. The purpose of the program was to determine the geology and the type of mineralization on the property. In March, an 82 line kilometre grid was established and magnetometer and VLF-EM surveys were conducted over its entirety. In June, geological mapping was conducted and 18 rock samples and 789 soil samples were collected for geochemical analysis.

3.0 PROPERTY DEFINITION

3.1 Location and Access

The CH Claim group is located approximately ninety kilometres south-southwest of Vanderhoof in the Omineca Mining Division (Figure 1). The claims are roughly centred at 53°22'N latitude and 124°33'W longitude and straddle NTS map sheets 93F-7E and 8W.

Access to the claims is gained by following the Kenney Dam Road south of Vanderhoof to the Ootsa-Kluskus forestry road. The forestry road intersects the property at kilometre 99; the Kluskus Logging camp is situated at kilometre 100.



LEGEND

—— ROAD
+++ RAILWAY
-•- MAJOR POWER LINE
PRODUCING PORPHYRY MINES

PLACER DOME INC.

Figure 1

PROPERTY LOCATION MAP

100 200 0 100 200 300
KILOMETRES

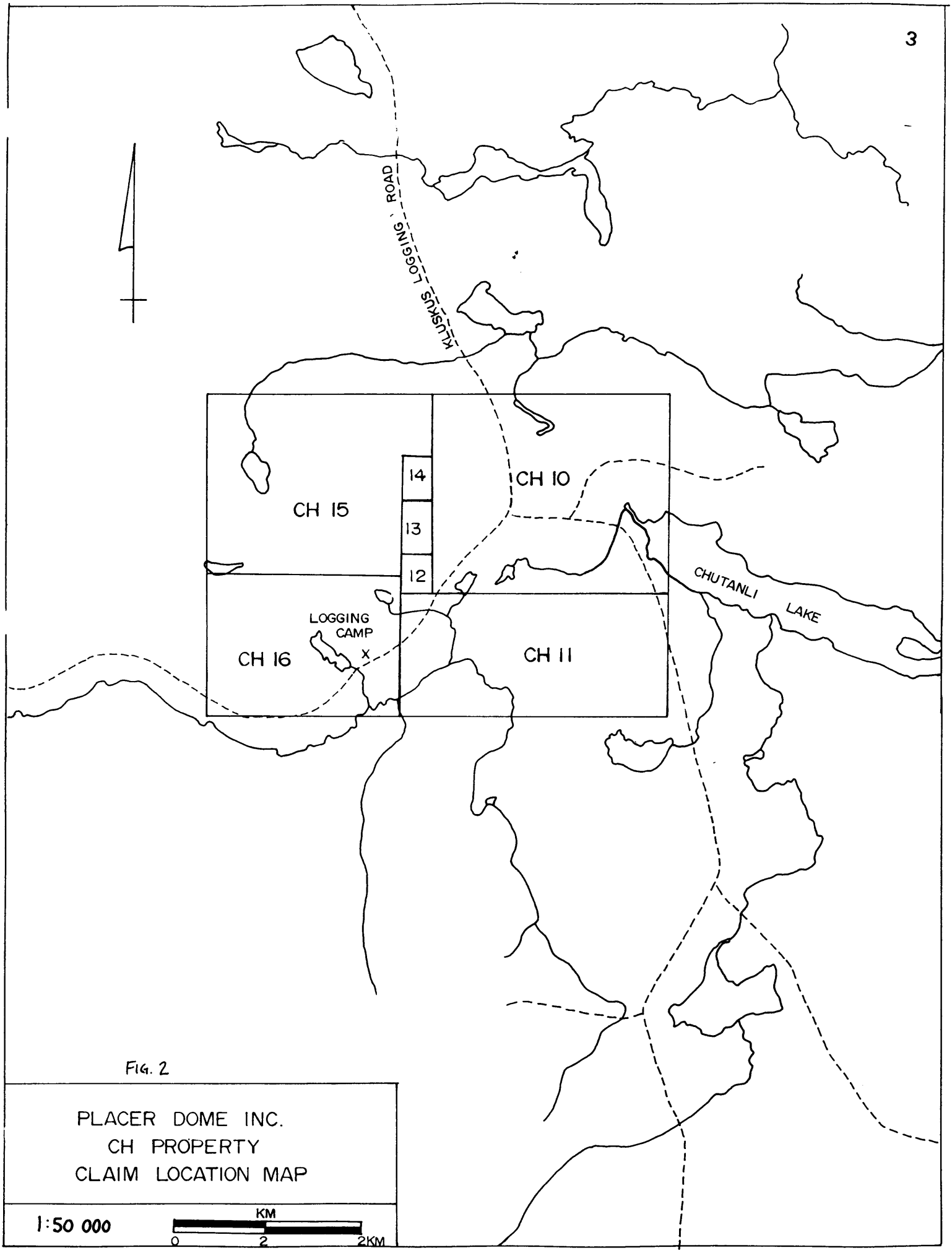

KLUSKUS LOGGING ROAD
CH 15
14
13
12
CH 10
CH 16
LOGGING CAMP
X
CH 11
CHUTANLI LAKE
PLACER DOME INC.
CH PROPERTY
CLAIM LOCATION MAP
1:50 000
KM
0
2
2KM

FIG. 2

3.2 Claim Status

The property consists of the CH 10 to 16 mineral claims totalling 73 units (Figure 2) which are under option from the owner, Nathen Kencayd. The claim schedule below takes into account the work completed during the 1991 field season.

TABLE 2 CH PROPERTY CLAIM STATUS

CLAIM NAME	UNITS	RECORD NUMBER	EXPIRY DATE
CH10	20	241336	98/10/14
CH11	18	241337	98/10/14
CH12	1	241338	98/10/16
CH13	1	241339	98/10/16
CH14	1	241340	98/10/16
CH15	20	242876	98/10/17
CH16	12	242877	98/10/17

3.3 Physiography and Climate

The property covers the southeast flank of the Nechako Range with elevations ranging from 1050 to 1400 metres. Glaciation has produced broad 'U' shaped valleys, drumlins, and nearly flat plains with swampy depressions. Mature spruce and fir stands cover most of the area, however, some areas have been logged.

Temperatures vary from -30°C in the winter to +30°C in the summer. Annual precipitation averages 45 cm. Suitable weather for exploration can be expected between Mid May and October.

4.0 WORK HISTORY

Exploration has been conducted in the area since 1969. From 1969 to 1975, Rio Tinto explored the area for both copper-molybdenum and lead-zinc-silver mineralization. Programs included soil sampling, rock geochemistry, trenching, diamond drilling, magnetic and induced polarization surveys.

Soil geochemical surveys by Rio Tinto outlined a large coincident copper-lead-zinc-molybdenum soil anomaly over the centre of the claims. The soil samples were not analyzed for gold. Induced polarization and magnetometer geophysical surveys revealed a large north-south trending chargeability high with a corresponding magnetic high feature in the area of the soil anomaly.

Subsequent drilling by Rio Tinto along the flanks of the chargeability high produced assays with anomalous copper values up to .1%, generally as fracture controlled pyrite and chalcopyrite in a "feldspar porphyry" unit. Rio Tinto drilled a total of nine short diamond drill holes; all of them spotted on chargeability highs, regardless of the magnetic features in the area.

From 1980 to 1985, Granges Exploration searched for lead- zinc-silver-gold mineralization on the April and May Claim Group which now is partially covered by the CH Claims. They completed soil geochemical surveys, airborne electromagnetic and magnetic surveys and diamond drilling over the northwestern portion of what are now the CH Claims.

Trenching in the northwestern portion of the property uncovered a small sulphide pod with lead-zinc-silver-gold mineralization in contact with a well bedded limestone unit. Granges drilled three holes to follow up on the trenching and intersected minor vein mineralization in sheared volcanic and sedimentary rocks.

In 1990, Placer Dome Inc. optioned the property from Nathen Kencayd of Calgary, Alberta. Soil sampling, limited magnetometer and VLF-EM surveys over a small area of the claims followed. During 1991, an 82 kilometre flagged grid was established and covered by magnetometer and VLF-EM surveys. Soil sampling and mapping of the grid proceeded in the summer of 1991.

5.0 GEOLOGY

5.1 Regional Geology

The property covers Middle to Late Jurassic Hazelton sedimentary and volcanic rocks (Figure 3). Numerous dykes, plugs and larger bodies of Jurassic to Cretaceous 'Bulkley type' granites, granodiorites and diorites intrude the Hazelton Group. In the Nechako Range, the Hazelton rocks strike north-south and are deformed into gentle north-south striking synforms and antiforms. These were intruded by the Chutanli Lake Granodiorite. Northwest-southeast striking faults dominate the area.

5.2 Property Geology

The present geological interpretation on the CH property is a compilation of previous mapping on the property and regional mapping conducted during the 1991 field season (Figure 4). Very little detailed information is known due to extensive overburden cover.

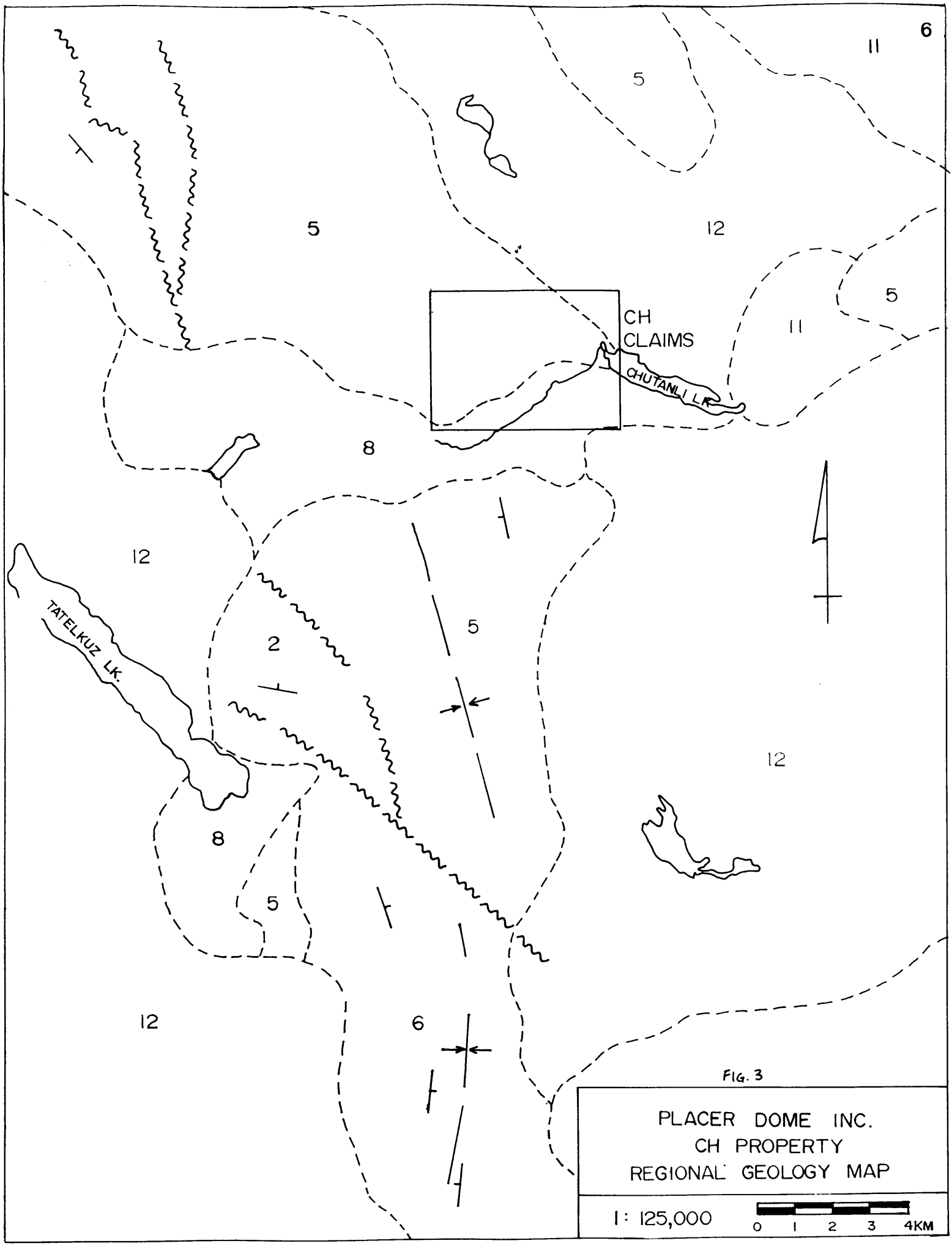


FIG. 3

PLACER DOME INC.
CH PROPERTY
REGIONAL GEOLOGY MAP

1 : 125,000

0 1 2 3 4KM

LEGEND

QUATERNARY

PLEISTOCENE AND RECENT

12 — *Till, gravel, sand, clay, and silt*

TERTIARY

MIOCENE AND (?) LATER

ENDAKO GROUP

11 — *Vesicular and amygdaloidal andesite and basalt, flow breccia, tuff, conglomerate, greywacke, and lignite;* 11a, *necks, plugs and dykes*

JURASSIC AND/OR CRETACEOUS

UPPER JURASSIC AND/OR CRETACEOUS

8 — *Granite, quartz diorite, granodiorite, and diorite*

MIDDLE JURASSIC

HAZELTON GROUP (In Part)

6 — *Greywacke, argillite, conglomerate, tuff, breccia, andesite, and arkose, minor rhyolite*

MIDDLE AND (?) LOWER JURASSIC

HAZELTON GROUP (In Part)

5 — *Andesite, related tuffs and breccias, chert pebble conglomerate, shale, and sandstone;* 5a, *mainly volcanic rocks,* 5b, *mainly sedimentary rocks*

TRIASSIC AND JURASSIC

UPPER TRIASSIC AND LOWER JURASSIC

TAKLA GROUP (2,3)

2 — *Andesitic and basaltic flows, tuffs, and breccias, interbedded argillite and minor limestone*

VOLCANIC AND SEDIMENTARY ROCKS

Hazelton rocks in the area are predominantly fine grained porphyritic flows, heterolithic fragmental flows, andesitic type flows and minor sedimentary rocks. The rocks can be divided into three main units:

1. Fine grained dacite(?) flows and fragmental units.

    a. Heterolithic fragmental flow. Characterized by a very fine grained dark matrix and rounded volcanic and intrusive fragments. Broken plagioclase phenocrysts are common and some primary k-spar may be present in the ground mass.

    b. Porphyritic Flow. Very fine grained unit with abundant subhedral to euhedral plagioclase phenocrysts. Very few lithic fragments are visible in this unit, however, it is probably gradational with the fragmental unit, 1a.

2. Sedimentary Rocks

    The sedimentary rocks occur within the fine grained flows and fragmental sequence of Unit 1, however, their distinct characteristics warrant a separate classification for these rocks.

    a. Limestone. This unit is well bedded, with grey layers generally less than 5 cm thick. The layers are impure and contain significant amounts of fine grained sand. Trenching by Granges in the northwest portion of the property uncovered this unit.

    b. Argillite. The argillite is encountered in drill holes completed by Granges and does not crop out at surface. No characteristics are known for this unit.

    c. Conglomerate. This unit is composed of predominantly immature sandstone and siltstone type particles in a fine grained brownish matrix. Particle size ranges from .3 to 2 cm and the unit is relatively massive and not sorted. A small outcrop occurs near the Kluskus Logging Camp and float was found approximately 1.5 km to the north.

3. Andesitic Volcanic Rocks

Andesitic rocks are generally restricted to the eastern portion of the claims and outcrop along the road approximately 1.5 km east of the Kluskus Logging Camp.

a. Fine Grained Flow. This unit is equigranular and fine grained, with no apparent bedding. Amygdules occur in some outcrops; the rock generally contains no primary k-spar.

b. Fragmental unit. Encountered in drilling by Rio Tinto, this unit consists of rhyolite and andesite fragments in an andesite matrix.

INTRUSIVE ROCKS

Various intrusive rocks crosscut the Hazelton sedimentary and volcanic rocks on the property. No crosscutting relationships between the various intrusions were observed; the following classification carries no age relationship between the intrusive rocks.

4. Monzonites to Quartz Monzonites

a. Coarse Grained Quartz Monzonite. This unit includes the large body known as the Chutanli Lake Batholith. It is coarse, equigranular and comprised of quartz (20%), plagioclase (20%) and biotite (15%) with finer interstitial k-spar. It is slightly magnetic. It occurs to the west of the property and was encountered in drill hole 69-3 completed by Rio Tinto.

b. Biotite-Plagioclase Monzonite. This unit consist of 10 - 20% subhedral to euhedral zoned plagioclase and 5 - 15% euhedral biotite phenocrysts in a fine grained k-spar rich matrix with disseminated magnetite. Minor quartz occurs locally as phenocrysts.

c. Biotite-Plagioclase-Hornblende Monzonite. This unit is very similar to the previous unit, with the addition of hornblende phenocrysts (up to 2%). Minor quartz phenocrysts also occur.

d. Fine grained Monzonite. Up to 15% small, subhedral plagioclase phenocrysts in a fine grained, k-spar rich matrix.

5. Diorite

   a. Medium Grained Diorite. Equigranular unit with plagioclase, hornblende and minor biotite. The unit contains up to 5% disseminated magnetite. Boulders of this unit occur over a large portion of the property. Few outcrops occur at surface and drilling did not encounter this unit.

5.3 Structural Geology

Although regional structures in the area are predominantly northwest-southeast, landsat image interpretation indicates a northeast-southwest trending lineament transecting the property close to Rio Tinto's 1970 diamond drill holes. Several of the drainages define this lineament. A north-south trending fault or shear zone may exist in the northwestern portion of the claims. Granges intersected a graphitic zone in their drill holes, probably representing a fault zone. A prominent north-south drainage may be the surface expression of that structure.

5.4 Metamorphism

Metamorphism on the property is related to the emplacement of the Chutanli Lake Batholith. Hornfelsing occurs to varying degrees and is most intense in the northwest portion of the claims adjacent to the batholith. In the volcanic and sedimentary rocks of Units 1 and 2, the hornfelsing is characterized by pervasive biotite and disseminated magnetite.

5.5 Alteration

Alteration on the property can be divided into four main types; the relationship between the different alteration types is not always known.

1. Propylitic Alteration: In the northwestern portion of the claims, chlorite, with minor amounts of epidote occurs as veins in volcanic rocks of Unit 1. In the centre of the property, Units 5 (diorite) and 3 (andesite) exhibit pervasive chlorite-epidote alteration with local epidote-carbonate veinlets. The other rocks do not exhibit propylitic alteration.

2. Silica Alteration: Intense silicification and quartz veining occurs in the centre of the property and is related to the mineralizing event. In the volcanic rocks, silicification is pervasive; relict textures are visible. In intrusive rocks of Unit 4, quartz veining is more typical.

3. Potassic Alteration: At least two episodes of potassic alteration are evident. Patchy to intense k-spar flooding with disseminated pyrite occurs in the northwest portion of the claims and is generally associated with intense hornfelsing of the rocks. This alteration is most likely associated with the emplacement of the batholith.

   In the centre of the property, later potassic alteration in volcanic (Units 1 and 3) and intrusive (Unit 4) rocks is characterized by k-spar patches and envelopes along fractures and quartz stockwork veins with associated magnetite-pyrite-chalcopyrite. Potassic alteration in this rock type may also be recognized by fresh looking biotite phenocrysts in an otherwise altered rock. These phenocrysts may cut earlier quartz veins.

4. Sericitic Alteration: Sericitic alteration occurs in intrusive rocks of Unit 4 in the centre of the property. The alteration is characterized by the breakdown of both the biotite and plagioclase phenocrysts and by abundant light coloured micas in the matrix.

Localized pervasive hematite and carbonate alteration also occurs in the intrusive rocks of Unit 4 in the centre of the property.

5.6 Mineralization

Three types of mineralization have been recognized on the claim block. All three types of mineralization may be the result of a large porphyry style hydrothermal system. Distal type mineralization associated with the hydrothermal system is represented by sulphide veins in volcanic and sedimentary rocks (5.6.1); the centre of the system is represented by a quartz stockwork with associated sulphides (5.6.2); and late stage mineralization may be represented by quartz veins with minor chalcopyrite (5.6.3).

5.6.1 Sulphide Veins: Lead-zinc-silver-gold

A trench in the northwest portion of the property uncovered minor lead-zinc-silver-gold mineralization associated with a sulphide vein. Massive pyrite, magnetite, sphalerite, galena and arsenopyrite with minor chalcopyrite and quartz occur in veins and fractures in sheared volcanic and sedimentary rocks. At surface, one of the veins is in contact with a limestone unit (Unit 2a). A small dyke of Unit 4c outcrops nearby, and may be the heat source for the alteration and mineralization. This mineralization could not be traced at surface. Granges drilled the area surrounding the trench and was able to find similar veins at depth, however, drill hole intersections were not economic.

5.6.2 Porphyry Style Quartz Stockwork: Copper-gold

In the central portion of the property, previous trenching by Rio Tinto uncovered an area of mineralized outcrop and angular float. Mineralized boulders can be followed from the trenches down ice over a distance of 1 km, producing a well defined glacial tail. Both the trench area and the corresponding dispersion train constitute the main area of interest.

Copper with minor gold mineralization occurs in both intrusive rocks of Unit 4 and volcanic rocks, predominantly of Unit 3. Mineralization consists of up to 5% quartz stockwork with associated magnetite-pyrite-chalcopyrite within altered and silicified volcanic and intrusive rocks. Minor disseminated and patchy chalcopyrite also occurs in the intrusive rocks; malachite occurs to varying degrees along fracture planes.

5.6.3 Late Stage Quartz Veins: Copper

Later stage copper mineralization occurs in quartz veins within silicified andesitic rocks of Unit 3, proximal to the trenches. Mineralization consists of chalcopyrite blebs in milky late stage quartz-k-spar veins with glassy quartz selvages.

6.0 ROCK GEOCHEMICAL SURVEY

All methods for collection, treatment, and analysis of the rock samples are described in Appendix I. Gold geochemical analyses, 30 element ICP analyses and sample descriptions are given in Appendices II and III, respectively. Rock sample analytical results are shown and plotted on the appropriate geochemical map.

6.1 Discussion of Rock Geochemical Results

Due to limited outcrop on the property, only 18 rock and trench samples were analyzed for gold and 30 element ICP. Such a small population of samples does not warrant statistical analyses of the samples (Appendix II).

Two samples, L48045E, 51050N and L48477E, 50460N; represent contact metamorphosed rocks related to the Chutanli Lake batholith. Both rocks contain abundant biotite, with vein to pervasive k-spar alteration. Disseminated pyrite is ubiquitous in these volcanic rocks. The samples returned 45 and 60 ppb gold, respectively, with copper below 100 ppm. Although gold is anomalous in these samples, the lack of any other coincident base metal values make these rocks uninteresting.

Four of the eighteen samples, C3501 to C3504, were collected from a trench on the northwestern portion of the property and represent sulphide vein type mineralization (see section 5.6.1). Three of the four samples contained gold greater than 1 g/t, with a high of 3.39 g/t. These samples also returned elevated zinc and arsenic values, with minor copper and lead values. The fourth sample, C3502, represents altered and silicified limestone. This sample contains elevated gold, copper and zinc, an order of magnitude lower than the adjacent sulphide vein.

The remaining twelve samples represent porphyry style copper-gold mineralization (see section 5.6.2) and were taken either from the old trenches in the centre of the property or locally derived float specimens. All of these samples show elevated copper and gold; most of the specimens exhibit quartz stockwork veins with associated magnetite-pyrite-chalcopyrite. The average values for these samples is 87 ppb gold and 2149 ppm copper. Samples taken this year have values up to 225 ppb gold and 4017 ppm copper. Previous sampling returned some gold as high as 2.7 g/t and copper up to 2.16%.

7.0 SOIL GEOCHEMICAL SURVEY

The 1991 soil survey comprised both reconnaissance and grid scale surveys. All procedures used in the collection, treatment and analysis during the survey are given in Appendix I. The analyses are given in Appendix IV, followed by statistical analyses and probability plots in Appendix V and VI respectively. A total of 789 soil samples were taken during the 1991 field season. Interpretation of the soil geochemical data was based on the recognition of patterns within the distribution of the element data.

7.1 Glacial Geology

The property has been extensively glaciated and overburden composition includes locally derived, basal glacial tills, outwash material and fluvio-glacial deposits. Drumlin type features suggest that ice movement is from the southwest, at two prominent directions; 055° and 095°. Overburden thickness ranges from a thin veneer over bedrock to close to 20 m in some of the Rio Tinto drill holes.

Soils on the property are not very well developed and there is an abundance of swampy and poorly drained areas which hampered sampling.

7.2 Statistical Analyses

Basic statistics for the 789 soil samples taken on the Ch Property are given below. See Appendix V for a complete statistical list.

TABLE 2 ELEMENT SOIL STATISTICS

ELEMENT	MINIMUM VALUE (PPM)	MAXIMUM VALUE (PPM)	GEOMETRIC MEAN (PPM)	DISPERSION (PPM)	
				-VE	+VE
AU	2.5 PPB	1310 PPB	3.8 PPB	1.53 PPB	9.64 PPB
AG	0.1	30.0	0.17	.072	0.42
CU	4.0	903.0	28.9	10.2	81.9
PB	1.0	2320.0	17.9	8.92	35.8
ZN	24.0	1121.0	92.5	45.6	187.5
AS	2.5	1020.0	21.1	8.94	49.9

7.3 Sample Quality

Soil sample quality is partially based on the amount of Ca, Mg, and Fe in the samples. Histograms for these elements in Appendix VI illustrate that most of the samples are acceptable for analyses and interpretation.

Iron in the samples ranges from .91% to 7.1% Fe; the samples are neither leached nor falsely enriched. In general, $<1\%$ Fe signifies leached samples and $>10\%$ Fe indicates falsely enriched samples. For manganese, values ranging from >100 ppm to $<5\ 000$ ppm indicate good sample quality. All but one sample fall in this range and therefore indicate adequate sample quality. Over 12% of the samples contain calcium greater than .5%, indicating the possibility of some organic rich samples, however, approximately 98% of the samples contain calcium below 1%, therefore organic enrichment may be present, but is minimal.

7.4 Gold (Figure 5)

Histograms and probability plots for gold (Appendix V and VI) reveal that 75% of the samples analyzed are below the detection limit of 5 ppb. Most of the samples that returned values greater than 5 ppb and up to 1310 ppb gold cluster into one large area extending from Line 49400E to 50800E along the baseline at 50000N. This anomalous area is up to 450 m wide and 1 km long and roughly follows the glacial trend at 055°.

The overburden covering the area of the anomaly consists of a very angular, particle rich till with abundant mineralized fragments and malachite coatings on both intrusive and volcanic rocks. Trenching in the area of Line 49700E, 50000N reveals subcrop with a quartz stockwork with magnetite-chalcopyrite-pyrite mineralization similar to the mineralized fragments in the till layer.

7.5 Copper (Figure 6)

Copper values greater than 82 ppm cluster and coincide with elevated gold geochemical values. The anomalous zone extends from L49400E to 51000E along 50000N at approximately 055°. Some soils in the area returned values greater than 1170 ppm; most samples outside the anomalous area are less than 100 ppm. Several smaller anomalous areas exist to the northeast, along the glacial extension of the larger soil anomaly.

Two northwestern extensions trending at 330° occur within the larger copper anomaly. These two tails may suggest another later glacial movement that transported the original glacial smear at 055° to one at 330°.

7.6 Lead (Figure 7)

Probability plots (Appendix VI) for lead geochemical values suggest that approximately 98% of the samples represent a normal distribution of background samples and that only 2% of the sample set is related to anomalous samples. Lead values greater than 30 ppm, however, are concentrated in three distinct areas on the property and probably represent anomalous rather than background values for lead. Values up to 2320 ppm occur in these anomalous areas.

The largest cluster of elevated lead values occurs in the same vicinity as the gold and copper anomalies described previously. Although not as extensive as either the gold or copper anomalies, elevated lead in soils occurs from Line 49400E to 50800E and trends at approximately 055°. A small tail originating at Line 50400E and trending to the north occurs in a similar position as a copper and gold geochemical tail.

A small cluster of three samples elevated in lead occurs on Lines 49200E and 49400E at approximately 50500N. Although copper and gold are not coincident with this anomaly, arsenic, zinc and silver are also elevated in the soils in this area.

The third cluster of lead in soils surrounds and encompasses the lead-zinc-silver-gold showing on the northwestern portion of the property. Although the absolute values of the anomaly are low (up to 176 ppm lead), they reflect the adjacent mineralization and indicate glacial smearing of the soils from that area. That portion of the anomaly that extends to the west of the showing most likely represents a down slope dispersion of the anomaly along the drainage.

7.7 Zinc (Figure 8)

Elevated zinc in soils coincides well with lead in soils. Three major areas of zinc concentration occur on the property and generally contain values greater than 180 ppm Zn. The largest anomaly occurs in the same area as the gold-copper-lead soil anomaly and represents a large glacial trend at approximately 055°, with a similar north trending tail starting at Line 50500E.

The second zinc anomaly occurs in the same area as the small three point lead anomaly. The distribution of the zinc, up to 909 ppm, shows a glacial dispersion at 020° originating from a small area on Line 49200E.

A widespread concentration of zinc in soils occurs in the northwest portion of the property and encompasses the lead-zinc-silver-gold showing and the coincident lead anomaly. The distribution of zinc in the soils follows the glacial trend. Samples taken near drainages in the area have elevated zinc values due to hydromorphic concentration.

7.8 Silver (Figure 9)

Approximately 64% of the samples returned values less than the detection limit for silver (Appendix V). Silver values greater than 0.6 ppm outline two areas with coincident multielement concentrations in the soils.

Silver occurs with gold, copper, lead and zinc in soils in the area between Lines 49400E and 50900E along 50000N. The distribution of this group of elements suggests that the parent material has been glacially dispersed at a trend of 055° with a small tail trending at approximately 020° from the centre of the property.

A minor silver concentration occurs in the same area as a zinc and lead anomaly along Lines 49200E to 49800E. The trend of this anomaly at 050° suggests a glacial smear originating proximal to Line 49400E at 50500N.

7.9 Arsenic (Figure 10)

Probability plots (Appendix VI) for arsenic suggest that 98% of the samples represent a lognormal background population, however, only certain areas within the property have elevated arsenic in the soils. These areas can be divided into three main groups, with coincident multielement anomalies.

Elevated arsenic occurs over a large (1.5 km) area in the southern portion of the property from Line 48400E to 50200E and follows the glacial trend of the area. The eastern portion of the anomaly overlaps somewhat with the large gold-copper-lead-zinc-silver anomaly in the centre of the property. Much of the arsenic anomaly occurs along drumlins where overburden is greater than 5 m thick. The origin or cause for the anomaly is not known.

Arsenic in soils up to 665 ppm occurs from Line 49200E to 49800E on the northern portion of the grid. Glacial direction suggests that this anomaly represents a glacial smear originating on Line 49200E, just as the coincident lead-zinc-silver-gold in the soils suggests.

An irregular anomaly occurs in the northwestern portion of the property over the lead-zinc-silver-gold showing. The arsenic in the soils is most likely related to this mineralization.

8.0 SOIL GEOCHEMICAL INTERPRETATION

The soil survey program completed in 1991 has outlined several areas with multielement soil anomalies.

1. A large gold-copper-lead-zinc-silver ± arsenic anomaly occurs in the central portion of the property from Lines 49400E to 50100E. Intrusive and volcanic rock fragments in the sampled till contain a quartz stockwork with magnetite-chalcopyrite-pyrite and abundant malachite stains. This anomaly has a general trend of 055°, with smaller glacial smears trending to the north.

2. Coincident lead-zinc-silver-arsenic in soils with no associated gold or copper correspond with lead-zinc-silver-gold sulphide vein mineralization as observed on the northwestern portion of the property.

3. A lead-zinc-silver-arsenic anomaly exists along Lines 49200E to 49800E on the northern portion of the grid. Because of the similarities of this anomaly with the previously described anomaly, similar mineralization most likely exists down ice from this dispersion train, proximal to Line 49200E.

4. Arsenic in soils corresponds with lead-zinc-silver-gold mineralization and to a limited extent with copper-gold mineralization. Arsenic also occurs north of the Kluskus Logging Camp at Line 48500E and 50000N where other elements do not have a geochemical signature, possibly due to thick overburden. The origin of the arsenic in the soils in that area should be investigated.

9.0 GEOPHYSICAL SURVEYS

9.1 VLF-EM Geophysical Survey

An 82 line kilometre geophysical survey was conducted during March, 1991 by Scott Geophysics. All instrumentation is described in Appendix VII. Contoured VLF data is shown in Figure 11. The VLF-EM transmitting station was selected in an inappropriate direction to be useful in delineating structures striking at 65°. The Annapolis and Cutler transmitting station were used, when Seattle or Honolulu would have been more effective.

The purpose of the survey was to try to determine the contact between the Hazelton volcanic and sedimentary rocks and the Chutanli Lake Intrusion. At the time of the survey, the contact was interpreted to strike at approximately 065°. The survey and grid was therefore completed with a baseline at 65° and grid lines at 155°.

9.1.1 VLF Interpretation (Figure 11)

While the overall results of the survey were inconclusive, there are many VLF-EM conductors identifiable on the Fraser filtered map. These features, however, do not likely represent structures of any real significance toward understanding property geology. The VLF-EM survey failed to determine the orientation of the contact mainly due to reasons previously suggested. The survey did not determine any other major structures, zones or contacts.

9.2 MAGNETIC GEOPHYSICAL SURVEY

The magnetic survey was completed in conjunction with the VLF-EM survey by Scott Geophysics. All instrumentation is given in Appendix VII, contoured data is shown in Figure 12.

The purpose of the survey was try to use magnetic responses to determine geology and potentially mineralized zones.

9.2.1 Magnetic Interpretation (Figure 12)

Several different magnetic responses can be related to the known geology on the property.

The large magnetic high to the southwest and extreme northwest portions of the claims most likely represents the Chutanli Lake Granodiorite. The intrusion outcrops along the road just west of the grid. The magnetic high which covers the eastern half of the grid may be reflecting Tertiary flood basalts. Although this entire area is covered by extensive overburden, basaltic rocks occur in the local overburden and as outcrop approximately 7 km to the north of the grid.

The isolated magnetic highs and corresponding lows in the centre of the property are not easily explained. Only volcanic rocks outcrop in this area and some intrusive rocks of Unit 4 were observed in the Rio Tinto drill holes. Abundant mineralized volcanic and intrusive rocks occur in the trenches overlying one of these isolated magnetic highs. These magnetic highs probably represent both intrusive rocks and quartz-magnetite-sulphide stockwork mineralized intrusive and volcanic rocks.

Magnetic Anomaly A appears to be a long, linear, intrusive structure, entering the property from the north at approximately Line 48800E and exiting the southern edge at about Line 49800E. This zone strikes at approximately N45°W. This zone of high magnetic response is offset in two different places, creating a central block which is offset about 400 metres to the northeast from the overall strike of the intrusion. Drilling, geochemistry and previous geophysics indicate a mineralized zone on the eastern flank of this intrusive. The offsetting of the magnetic anomaly strongly suggests faulting in a northeasterly direction, this assumed fault block is marked on figure 12. The eastern flank of this central offset block remains untested by drilling and represents an excellent exploration target.

10.0 CONCLUSIONS

The 1991 exploration program on the CH Property provided evidence for porphyry style copper-gold mineralization within a large hydrothermal system.

1a. Porphyry style copper-gold mineralization is associated with magnetite-chalcopyrite-pyrite in a quartz bearing stockwork in silicified volcanic and intrusive rocks. These rocks are found as subcrop in trenches in the centre of the grid and comprise the dominant fragment type in a glacial dispersion train originating at the trenches and trending at 055°.

1b. Soils collected from the area of the trenches and along the dispersion train have elevated values in gold, copper, lead, zinc, silver and to a limited extent, arsenic.

2a. Sulphide hosted lead-zinc-silver-gold mineralization occurs with quartz in veins in sheared volcanic and sedimentary rocks on the northwestern portion of the property. These veins represent localized, peripheral mineralization associated with a larger hydrothermal system. No other mineralization of this type is exposed on the property.

2b. Anomalous lead, zinc, arsenic and minor silver values occur in soils over this type of mineralization. A similar multielement anomaly occurs from Line 49200E to 49800E, originating at Line 49200E, 50500N. The potential for similar lead-zinc-silver-gold mineralization exists beneath the overburden in this area.

3. Minor late stage copper mineralization is associated with quartz-k-spar veins in altered andesitic rocks of Unit 3. These veins do not have economic potential.

4. The VLF-EM geophysical survey was conducted using parameters that did not lend themselves to proper delineation of property geology. The VLF-EM transmitting stations used, Annapolis, Maryland and Cutler, Maine are in the wrong direction to highlight structures striking at 065°. The Seattle or Honolulu stations should have been used.

5. The magnetic survey may be useful in identifying intrusions or buried porphyry style mineralized zones as described in 1a. Areas in the centre of the property with a magnetic high occur near the trenches containing mineralized subcrop. At least one excellent drill target was found, located on the eastern flank of the central fault block marked on figure 12.

11.0 RECOMMENDATIONS

A compilation of magnetic data, rock and soil geochemistry has outlined several areas with potential for economic, bulk tonnage copper-gold porphyry style mineralization associated with a magnetite-chalcopyrite-pyrite bearing quartz stockwork. Drilling of these targets should is warranted; trenching would be of limited use on the property since overburden is generally greater than 5m thick.

Attractive porphyry copper-gold drill targets occur in the centre of the property. Drilling should transect the magnetic high responses, unlike previous drilling in the area which concentrated in low magnetic response areas. Suitable drilling targets are listed below:

- Line 49500E, 50100N
- Line 49200E to 49600E, 50350N
- Line 48700E to 49100E, 50600N
- Line 49300E to 49500E, 49400N
- Line 49500E to 49600E, 49200N

12.0 STATEMENT OF QUALIFICATION - KELLY EDWARDS

I, Kelly Edwards, of #92-1435 Summit Drive, Kamloops, British Columbia, do hereby certify that:

1. I graduated from the University of Saskatchewan, Saskatoon, Saskatchewan, with a B.Sc. Honours degree in Geology in 1989.

2. From 1986 to the present, I have been studying and/or working in the field of Geology both in Canada and internationally. I have held various contract positions with Placer Dome Inc. since 1988.

3. I have assisted with the field work and data compilation for the CH 10-16 mineral claims, located in the Omineca Mining District.

Respectfully Submitted,

Kelly Edwards

Kelly Edwards, B.Sc.

13 Jan 92

Date

CERTIFICATE

I, Tracy John Campbell, of 2713 Qu'Appelle Boulevard, in the City of Kamloops in the province of British Columbia, do hereby certify that:

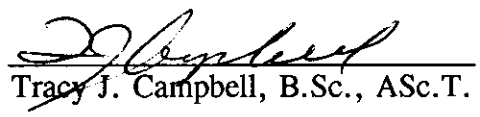
1. I am an Exploration Technician employed by Placer Dome Inc., with offices located at #401-1450 Pearson Place, Kamloops, BC.

2. I am a graduate in Physics (Geophysics) from the University of Alberta (B.Sc.,1985)

3. I am a graduate in Resource Engineering Technology from the Northern Alberta Institute of Technology, in Edmonton (1982).

4. I am a member in good standing with the Saskatchewan Applied Science Technologists and Technicians.

5. I have worked continuously in the mineral exploration field since 1987, including three years as an Exploration Geophysicist in the province of British Columbia.



Tracy J. Campbell, B.Sc., ASc.T.

13.0 STATEMENT OF EXPENDITURES

PERSONNEL:				
Geologists:				
Kelly Edwards	35	Days @ $305	$ 10 675.00	
Lorne Warner	15	Days @ $305	4 575.00	
Field Assistants:				
Tom Robinson	13	Days @ $235	$3 055.00	
Todd Stone	10	Days @ $175	1 750.00	
Scott Knight	15	Days @ $175	2 625.00	
Gilles Demers	3	Days @ $235	705.00	
Al Woolverton	14	Days @ $175	2 450.00	
Russel Krauss	3	Days @ $235	705.00	$ 26 540.00
CONTRACTORS:				
Scott Geophysical			$ 27 255.00	
Eagle Mapping			2 450.00	$ 29 705.00
CAMP OPERATIONS:				
Accommodations			$ 3 249.00	
Food			3 307.00	
Miscellaneous Supplies			4 022.00	
Equipment			409.00	$ 10 987.00
TRANSPORTATION:				
2 4x4 pickups	28	Days @ $20	$ 560.00	
Fuel and Oil			1 326.00	
Repairs and Maintenance			1 000.00	
Travel Expense			1 255.00	$ 4 141.00
GEOCHEMISTRY:				
Soil Samples	789	Samples @ $13	$10 257.00	
Rock Samples	18	Samples @ $15	270.00	$10 527.00
REPORT PREPARATION:				
Composition and Writing			$ 1 500.00	
Drafting and Typing			700.00	
Computer Time			1 500.00	$ 3 700.00
TOTAL COSTS				$ 85 600.00

14.0 REFERENCES

Baird, J. G. (1970) Report on an Induced Polarization Survey, C and Z Claim Groups, Chutanli Lake Area, British Columbia. Rio Tinto. Assessment Report 2568.

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Warner, L. M., Cannon, R. (1990) Geochemical and Geophysical Assessment Report for the CH 10-14 Mineral Claims. Placer Dome Inc.

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APPENDIX I
SAMPLE PREPARATION
AND
ANALYSIS

CH ROCK GEOCHEMICAL SURVEY PROCEDURES

Sample Collection

Sample locations were marked with orange flagging in the field. Approximately 1 to 2 kilograms of rock fragments were collected, double bagged, labelled and sent for analysis. A hand specimen of each sample sent to the lab was kept for future reference.

Sample Preparation and Analysis

Rock samples were shipped to Ecotech of Kamloops for geochemical analysis for gold and 30 element ICP analysis. All methods for rock sample preparation and analyses by Ecotech is given below.

Each sample is dried in a hot air dryer and crushed to -10 mesh. A 250 gram subsample is then pulverized and seived to extract the -140 mesh fraction. For gold geochemical analysis, 10 grams of the -140 mesh fraction is mixed with aqua regia and heated to 600° C for three hours. The solution is then analyzed for gold by atomic absorption. The detection range for gold is five to 4000 ppb. For 30 element ICP (Induced Coupled Plasma) analyses, a 0.5 gram portion of the -140 mesh fraction is dissolved in aqua regia and analyzed by atomic absorption. Detection limits are listed at the end of the Appendix.

Data Treatment

All rock sample locations and descriptions were plotted on a field map and entered into a computer shortly after collection in the field. Gold and ICP analyses were later appended to the computer file upon receiving them from Ecotech Laboratories.

Map Preparation

The base map for the Ch Property was produced from an orthophoto by Eagle Mapping of Coquitlam. Rock sample locations as well as previous drilling and trench locations were digitized using U.T.M. coordinates into CADD (Computer Aided Drafting and Design) and appended to the base map. The final maps were produced at a scale of 1:5 000.

SOIL GEOCHEMICAL SURVEY
METHODS AND PROCEDURES

Sample Collection

For both the grid and reconnaissance soil surveys, lines were flagged and each sample station was marked and labelled with teflon tags with line and station numbers or an appropriate sample location identifier. Most samples were taken at 40 m intervals along the soil line.

Samples were collected using mattocks, tree planter shovels or augers depending on the local terrain. Efforts were taken to collect the B horizon only, although some organic rich or leached horizons were sampled when the B horizon was not present. Sample depths ranged from 10 cm to 100 cm and averaged 30 cm. Notes on the soil condition and local surroundings were taken at each site to help with interpretation. The samples were placed in Kraft paper bags and dried in camp before shipment to Ecotech Laboratories for analysis.

Sample Preparation and Analysis

All soil samples on the CH property were analyzed for gold geochem and 30 element ICP. All methods used by Ecotech are given below:

Each sample is dried and sieved to -80 mesh; the +80 mesh fraction is saved for future reference. For gold geochemical analysis, 10 grams of the -80 mesh fraction is mixed with aqua regia and heated to 600° C for three hours. The solution is then analyzed for gold by atomic absorption. The detection range for gold is five to 4000 ppb. The remaining -80 fraction is dissolved in an aqua regia solution and analyzed for 30 elements by atomic absorption. The detection limits are provided at the end of the Appendix.

Data Treatment

Basic statistics were employed on certain elements to determine anomalous values in the soils. For gold and silver, element concentrations were grouped into ranges based on percentiles to determine symbol sizes to be plotted on the geochemical maps. Probability plots for specific elements within the sample set were used as a guide for recognizing certain anomalous populations.

Map Preparation

Soil sample locations were digitized using UTM coordinates and appended to the digitized base map produced by Eagle Mapping. CADD was used to plot maps and overlays of the geochemical data relative to the base map at a scale of 1:5 000.

DETECTION LIMITS FOR GOLD GEOCHEM AND 30 ELEMENT ICP

GOLD GEOCHEMICAL ANALYSIS

Atomic Absorption Finish: 5ppb

ICP ANALYSES

ELEMENT	DETECTION LIMIT (ppm)
Ag	0.2
Al	0.01%
As	5
B	2
Ba	5
Bi	5
Ca	0.01%
Cd	1
Co	1
Cr	1
Cu	1
Fe	0.01%
K	0.01%
La	10
Mg	0.01%
Mn	1
Mo	1
Na	0.01%
Ni	1
P	10
Pb	2
Sb	5
Sn	20
Sr	1
Ti	0.01%
U	10
W	10
Y	1
Zn	1

APPENDIX II
ROCK SAMPLE DESCRIPTIONS

CH PROPERTY ROCK DESCRIPTIONS					
NORTHING	EASTING	SAMPLE TYPE	ROCK TYPE	GOLD (PPB)	COPPER (PPM)
49985	49480	TRCH	ANDESITE	40	1881
- Fine grained dense andesitic flow. - No phenocrysts, chloritic with crosscutting and disseminated magnetite, some epidote along fractures - Trace disseminated chalcopyrite, no kspar.					
49987	49480	TRCH	ANDESITE	80	3692
- Fine grained dense flow, crosscut by subparallel veins with fracture controlled pyrite, chalcopyrite. - Chloritic alteration and bleaching in flow.					
49985	49680	TRCH	QZ VEIN	30	375
- Quartz vein with magnetite-pyrite in large lens in a volcanic rock.					
51010	48045	OTCR	FRAGMENTAL FLOW	45	95
- Chloritic alteration, slightly gneissic. - Pervasive silicification, kspar along fractures and as augens? - Pyrite disseminated, possibly some sericitic alteration.					
50460	48477	FLOT	FRAGMENTAL FLOW	60	71
- Chloritic, sericitic, rusty quartz patches, disseminated chalcopyrite or pyrite.					
49945	49350	TRCH	ANDESITE	40	548
- Fine grained tuff\flow, massive with bleaching along fractures with pyrite.					
49990	50665	FLOT	BI-PLAG-QZ MONZONITE	165	2017
- 40% phenocrysts: 1% quartz, 30% plag, 10% biotite - Kspar in groundmass, possible some secondary - 1-2% pyrite, disseminated and fracture controlled - quartz-magnetite-pyrite-chalcopyrite veins					

CH PROPERTY ROCK DESCRIPTIONS					
NORTHING	EASTING	SAMPLE TYPE	ROCK TYPE	GOLD (PPB)	COPPER (PPM)
50000	50695	SBOC	ANDESITE	65	1802
- Fine grained massive unit, silicified, fracture controlled carbonate. - Quartz-magnetite-pyrite-chalcopyrite stockwork.					
50000	49625	TRCH	PLAG-BI MONZONITE	65	4213
- Semicrowded, 10% euhedral biotite, 20% plag phenocrysts minor muscovite? phenocrysts. - Matrix fine grained, kspar rich, 5% disseminated to clots of magnetite - Nonsilicified, plag zoned and altered orange, biotite fresh. - 1% parallel quartz-magnetite-pyrite-chalcopyrite veins, crosscut all but biotite books.					
49980	49465	TRCH	DACITE PORPHYRITIC FLOW	170	2689
- Fine grained dense unit, with 10% subhedral plag phenocrysts, 2% biotite, no kspar. - Heavily silicified, with orange alteration of plag. - 5% quartz-magnetite-pyrite-chalcopyrite stockwork with patchy discontinuous kspar envelopes, minor malachite on surfaces. - 5% fine, disseminated and fracture controlled pyrite					
49980	49462	TRCH	DACITE PORPHYRITIC FLOW	155	4017
- Fine grained, dense, 15%plag phenocrysts(several sizes), 1% biotite. - Patchy kspar in matrix, disseminated magnetite. - Intensely silicified, 2% quartz-magnetite-pyrite-chalcopyrite stockwork, pyrite on fractures and in matrix, minor malachite.					

CH PROPERTY ROCK DESCRIPTIONS					
NORTHING	EASTING	SAMPLE TYPE	ROCK TYPE	GOLD (PPB)	COPPER (PPM)
49985	49465	TRCH	FRAGMENTAL FLOW	225	456
- Fine grained matrix, abundant various fragments, some with kspar. - Silicified, patchy kspar in matrix. - Abundant disseminated and fracture controlled pyrite. - Crosscut by kspar altered\primary fine grained dyke.					
49990	49650	TRCH	DACITE PORPHYRITIC FLOW	45	2483
- Fine grained, 10-15% plag phenocrysts, broken and angular, possible biotite phenocrysts, no kspar. - Silicified, disseminated and fracture controlled pyrite in matrix and phenocrysts. - 5% quartz-magnetite-pyrite-chalcopyrite stockwork with malachite.					
49980	49461	TRCH	PLAG-MONZONITE	75	1612
- Porphyritic, crowded with anhedral white plag phenocrysts, kspar in matrix, minor biotite, magnetite. - Intense hematite in ground mass, quartz vein with disseminated pyrite, chalcopyrite, and chalcocite coatings along weathered edge, and surrounds plag crystals. - No carbonate alteration. - Resembles porphyritic dacite flows with increase in kspar.					

CH PROPERTY TRENCH DESCRIPTIONS							
SAMP I.D.	NORTH	EAST	ROCK TYPE	GOLD (PPB)	CU (PPM)	ZN (PPM)	AS (PPM)
C3501	50760	48380	MSSF	1610	906	20500	12600
- Massive sulphide and silicified wall rock. - Contact sharp, with adjacent limestone - Pyrite, chalcopyrite, galena, sphalerite.							
C3502	50760	48380	LMST	370	59	7138	350
- Limestone, well bedded, some grit. - Contact at 173°/85°E.							
C3503	50770	48380		3180	135	4766	9085
- Silicified, very hard, structure at 090°. - Bedding at 168°/subvertical.							
C3504	50778	48377		3390	1185	72500	37600
- Silicified, massive sulphide with contact rock.							

APPENDIX III
ROCK SAMPLE
ANALYSES

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

PLACER DOME INC. - ETK91- 348

401, 1540 PEARSON PLACE
KAMLOOPS, B.C.
V1S 1J9

JUNE 24, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: CH 276
18 ROCK SAMPLES RECEIVED JUNE 17, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
348 - 1	C 3501	>1000	4.4	.60	>10000	2	30	<5	.88	163	19	19	986	14.88	<0.01	<10	.36	1206	11	.03	2	550	36	20	<20	2	.02	30	23	<10	<1	>10000
348 - 2	C 3502	370	<.2	.15	350	4	5	<5	>15	88	2	10	59	.97	<0.01	<10	.15	6002	3	<0.01	2	480	14	<5	<20	149	<0.01	<10	6	<10	<1	7138
348 - 3	C 3503	>1000	17.8	1.66	9085	6	40	10	1.65	46	13	95	135	6.25	<0.01	<10	.59	2005	11	.07	6	930	512	65	<20	31	.04	<10	29	<10	<1	4766
348 - 4	C 3504	>1000	15.2	.15	>10000	<2	35	<5	.55	698	22	58	1185	>15	<0.01	<10	.48	6607	6	1.16	<1	300	236	45	<20	5	.01	40	<1	<10	<1	>10000
348 - 5	48045E 51010N	45	<.2	3.28	45	8	60	<5	.82	2	26	77	95	4.63	1.37	<10	1.90	1377	8	.17	5	910	20	10	<20	73	.20	<10	157	<10	7	308
348 - 6	48477E 50460N	60	1.0	2.30	95	6	30	<5	1.24	4	14	84	71	3.25	.27	<10	.81	620	19	.09	5	500	20	10	<20	40	.04	<10	27	<10	3	481
348 - 7	49350E 49945N	40	1.4	1.38	25	6	145	<5	.36	<1	19	129	548	3.65	.39	<10	1.07	410	12	<0.01	83	610	46	25	<20	12	.02	<10	47	<10	2	76
348 - 8	49461E 49980N	75	1.8	.53	270	6	60	<5	6.41	6	7	45	1612	2.13	<0.01	30	.20	579	18	<0.01	12	1500	16	5	<20	<1	<0.01	<10	40	<10	7	611
348 - 9	49462E 49980N	155	3.0	1.41	<5	6	155	10	1.33	<1	25	85	4017	2.88	.56	20	1.31	402	43	.03	31	1450	14	10	<20	34	.09	<10	69	<10	8	135
348 - 10	49465E 49980N	170	1.2	.72	5	8	85	<5	3.06	1	17	88	2689	2.51	.14	20	1.10	492	58	<0.01	36	1850	10	20	<20	66	.03	<10	66	<10	8	110
348 - 11	49480E 49985N	40	1.0	1.25	5	6	255	<5	1.39	<1	20	93	1881	5.67	.06	10	.89	256	6	.03	33	1790	10	15	<20	90	.04	<10	47	<10	<1	91
348 - 12	49480E 49987N	80	3.0	1.80	5	6	170	10	1.69	<1	19	189	3692	2.43	1.02	<10	1.87	438	40	.05	103	580	10	15	<20	52	.14	<10	108	<10	13	78
348 - 13	49625E 50000N	65	1.2	1.45	<5	6	230	10	.75	<1	17	67	4213	3.17	.34	20	1.24	553	8	.02	23	1410	8	10	<20	34	.07	<10	69	<10	14	138
348 - 14	49645E 49985N	225	1.8	1.03	<5	4	25	<5	.32	<1	19	58	456	7.05	.35	<10	.71	204	10	<0.01	23	1390	14	10	<20	6	<0.01	<10	8	<10	<1	50
348 - 15	49650E 49990N	45	1.2	2.63	30	6	70	<5	1.77	<1	28	58	2483	5.15	.17	<10	.92	223	6	.19	17	1130	30	15	<20	58	.09	<10	133	<10	3	153
348 - 16	49680E 49985N	30	<.2	1.03	<5	8	35	<5	5.50	<1	35	54	375	10.98	.11	<10	2.33	532	71	<0.01	5	400	10	25	<20	126	.02	10	117	<10	<1	66
348 - 17	50665E 49990N	165	1.8	1.49	<5	6	330	5	.67	<1	16	64	2017	2.48	.68	10	1.54	230	18	.02	21	1440	12	25	<20	34	.14	<10	68	<10	10	63
348 - 18	50695E 50000N	65	.8	1.45	<5	4	205	<5	.53	<1	20	56	1802	4.20	.55	<10	1.36	303	9	.05	22	1120	6	15	<20	24	.12	<10	110	<10	12	84

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI
B.C. CERTIFIED ASSAYER

SC91/PLACER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JUNE 24, 1991

CERTIFICATE OF ASSAY ETK 91-348

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION:ROB PEASE

DATE RECEIVED: JUNE 17, 1991
PROJECT: CH 276
NUMBER SAMPLES: 18
TYPE SAMPLES: ROCK

REJECTS: STORE
PULPS: STORE
NOTE: > = MORE THAN
< = LESS THAN

ET#	Description	AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)	PB (%)	ZN (%)	AS (%)
348 - 1	C3501	1.61	.047	-	-	-	2.05	1.26
348 - 3	C3503	3.18	.093	-	-	-	-	-
348 - 4	C3504	3.39	.099	15.80	.46	.04	7.25	3.76

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A. Sc.T.
B.C. CERTIFIED ASSAYER

SC91/PLACERK

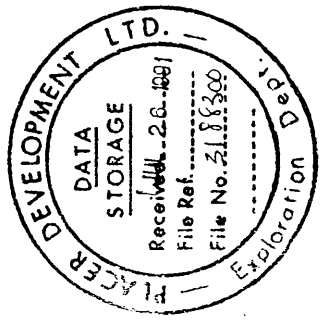
APPENDIX IV
SOIL SAMPLE
ANALYSES

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

PLACER DOME INC. - ETK91- 353

401, 1540 PEARSON PLACE
KAMLOOPS, B.C.
V1S 1J9



JULY 17 , 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: V276
789 SOIL SAMPLES RECEIVED JUNE 17, 1991

ETH	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 1	LRS112	0 M	<5	<.2	1.53	20	4	95	<5	.25	<1	19	21	13	3.06	.08	<10	.49	791	<1	<0.01	7	600	10	<5	<20	28	.16	<10	81	<10	6	15
353 - 2	LRS112	40 M	<5	<.2	1.55	15	6	120	<5	.60	<1	18	16	11	2.81	.17	<10	.64	899	<1	<0.01	8	950	26	5	<20	52	.16	<10	75	<10	5	21
353 - 3	LRS112	80 M	<5	<.2	2.30	15	6	170	<5	.27	<1	16	15	24	3.86	.21	<10	1.12	892	<1	.02	7	890	62	<5	<20	61	.21	<10	100	<10	6	18
353 - 4	LRS112	120 M	<5	<.2	1.89	20	4	100	<5	.34	<1	13	19	19	3.00	.10	<10	.57	331	<1	.01	9	730	18	5	<20	38	.14	<10	68	<10	5	7
353 - 5	LRS112	160 M	<5	<.2	1.79	20	6	90	<5	.28	<1	15	20	14	3.07	.09	<10	.68	562	<1	.02	9	530	18	5	<20	29	.18	<10	86	<10	7	10
353 - 6	LRS112	200 M	<5	<.2	1.06	10	4	65	<5	.29	<1	11	15	11	2.38	.09	<10	.38	451	<1	<0.01	5	1020	14	<5	<20	24	.13	<10	69	<10	5	7
353 - 7	LRS112	240 M	<5	<.2	2.03	20	4	115	<5	.33	<1	18	19	19	3.49	.15	<10	.79	727	<1	.01	9	610	20	5	<20	37	.19	<10	95	<10	6	15
353 - 8	LRS112	280 M	<5	<.2	1.83	25	4	90	<5	.49	<1	14	17	12	3.11	.05	<10	.45	584	<1	<0.01	7	690	22	<5	<20	45	.16	<10	80	<10	5	14
353 - 9	LRS112	320 M	<5	<.2	2.84	15	4	115	<5	.49	1	20	14	34	3.48	.10	<10	.68	864	<1	<0.01	9	710	30	10	<20	47	.13	<10	77	<10	4	21
353 - 10	LRS112	360 M	<5	<.2	2.17	20	6	120	<5	.26	<1	17	18	25	3.32	.13	<10	.89	437	<1	.02	11	570	20	5	<20	32	.16	<10	97	<10	5	10
353 - 11	LRS112	400 M	<5	<.2	3.43	10	6	120	<5	.38	<1	24	41	61	3.84	.09	<10	1.15	558	<1	.01	21	740	20	10	<20	39	.21	<10	96	<10	7	16
353 - 12	LRS2112	80 M	65	.4	1.80	195	4	60	<5	.32	<1	17	108	18	3.03	<0.01	<10	.62	318	<1	.01	29	370	16	5	<20	23	.14	<10	84	<10	4	30
353 - 13	LRS2112	120 M	<5	<.2	1.81	30	6	65	<5	.30	<1	16	19	24	3.54	.06	<10	.64	377	1	.01	8	480	52	<5	<20	26	.22	<10	105	<10	8	10
353 - 14	LRS2112	160 M	<5	.6	2.60	585	6	85	25	.47	<1	37	12	40	4.58	<0.01	<10	.72	1086	<1	<0.01	9	690	22	5	<20	39	.17	<10	93	<10	4	26
353 - 15	LRS2112	200 M	<5	<.2	2.20	60	4	120	<5	.36	<1	20	15	18	3.61	.06	<10	.84	537	<1	.01	8	520	22	5	<20	31	.21	<10	98	<10	7	18
353 - 16	LRS2112	240 M	<5	<.2	1.57	5	4	55	<5	.38	<1	11	18	7	2.45	.05	<10	.36	279	<1	<0.01	11	580	12	<5	<20	27	.16	<10	66	<10	7	4
353 - 17	LRS2112	280 M	<5	.8	3.06	105	6	165	<5	.28	<1	25	146	34	3.96	.31	<10	1.63	461	1	<0.01	85	560	40	10	<20	24	.15	<10	106	<10	4	40
353 - 18	LRS2112	320 M	<5	<.2	2.54	10	6	150	<5	.51	1	27	22	23	3.50	.15	<10	1.24	735	<1	.02	12	790	26	10	<20	37	.24	<10	105	<10	9	51
353 - 19	L48000E	49000 M	<5	<.2	1.24	15	6	80	<5	.64	<1	14	27	14	2.69	.07	10	.46	332	<1	.02	12	850	10	<5	<20	40	.18	<10	71	<10	12	4
353 - 20	L48000E	49040 M	<5	<.2	2.20	5	6	65	<5	.30	<1	14	29	13	3.07	.04	<10	.41	538	<1	<0.01	15	1970	12	<5	<20	18	.15	<10	75	<10	6	7
353 - 21	L48000E	49080 M	<5	<.2	1.22	10	6	70	<5	.41	<1	12	25	10	3.05	.05	10	.42	303	<1	<0.01	13	1310	8	<5	<20	21	.12	<10	85	<10	6	3
353 - 22	L48000E	49260 M	<5	<.2	1.12	10	6	50	<5	.35	<1	10	19	10	2.37	.06	<10	.40	237	<1	<0.01	12	900	8	<5	<20	18	.11	<10	63	<10	5	3
353 - 23	L48000E	49280 M	<5	<.2	1.49	10	4	65	<5	.31	<1	11	18	7	2.26	.05	<10	.34	223	<1	<0.01	15	1440	10	<5	<20	26	.13	<10	53	<10	6	4
353 - 24	L48000E	49320 M	<5	<.2	1.64	5	6	70	<5	.27	<1	12	22	7	2.65	.04	<10	.31	303	<1	<0.01	13	1440	10	5	<20	17	.15	<10	64	<10	6	5
353 - 25	L48000E	49360 M	<5	<.2	1.82	5	6	110	<5	.40	<1	13	27	14	2.70	.05	10	.42	269	<1	<0.01	13	800	10	<5	<20	29	.19	<10	71	<10	9	3
353 - 26	L48000E	49400 M	<5	<.2	1.45	10	6	90	<5	.30	<1	11	23	8	2.37	.03	<10	.34	211	<1	<0.01	11	870	10	<5	<20	23	.15	<10	63	<10	7	3

ECO-TECH LABORATORIES LTD. PLACER DOME INC. - ETK91- 353

PAGE 2

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	
353 - 27	L48000E	49440 N	<5	<.2	1.59	5	6	85	<5	.31	<1	12	24	10	2.52	.04	<10	.36	232	<1	<0.01	13	640	8	<5	<20	25	.16	<10	67	<10	7	
353 - 28	L48000E	49480 N	<5	<.2	1.66	10	4	70	<5	.32	<1	12	26	10	2.64	.04	10	.35	224	<1	<0.01	13	850	10	<5	<20	24	.16	<10	70	<10	8	
353 - 29	L48000E	49520 N	<5	<.2	1.75	5	6	75	<5	.32	<1	13	26	11	2.74	.04	<10	.37	238	<1	<0.01	13	790	10	<5	<20	24	.16	<10	72	<10	8	
353 - 30	L48000E	49560 N	<5	<.2	1.77	5	4	80	<5	.33	<1	13	26	13	2.74	.04	10	.38	276	<1	<0.01	12	760	12	5	<20	23	.17	<10	73	<10	8	
353 - 31	L48000E	49600 N	<5	<.2	1.48	10	4	80	<5	.37	<1	13	25	9	2.84	.04	10	.27	621	<1	<0.01	10	1630	10	<5	<20	26	.17	<10	74	<10	7	
353 - 32	L48000E	49640 N	<5	<.2	1.36	10	6	55	<5	.31	<1	12	23	8	2.70	.04	<10	.30	317	<1	<0.01	11	1610	8	<5	<20	18	.13	<10	71	<10	6	
353 - 33	L48000E	49680 N	<5	<.2	1.29	<5	6	105	<5	.41	<1	12	20	7	2.33	.05	<10	.31	496	<1	<0.01	8	2550	8	<5	<20	26	.14	<10	58	<10	6	
353 - 34	L48000E	49720 N	<5	<.2	1.36	5	6	60	<5	.34	<1	12	21	8	2.47	.04	<10	.30	224	<1	<0.01	11	980	10	5	<20	24	.16	<10	67	<10	7	
353 - 35	L48000E	49760 N	<5	<.2	1.62	10	4	95	<5	.39	<1	13	26	12	2.85	.03	<10	.38	266	<1	<0.01	13	770	10	<5	<20	29	.18	<10	79	<10	7	
353 - 36	L48000E	49800 N	<5	<.2	1.95	<5	6	90	<5	.25	<1	13	21	9	2.56	.03	<10	.34	232	<1	<0.01	13	1470	12	<5	<20	17	.16	<10	62	<10	6	
353 - 37	L48000E	49840 N	<5	.2	1.79	10	6	315	<5	.22	<1	14	17	96	3.91	.14	<10	.58	318	6	<0.01	6	1350	12	<5	<20	32	.24	<10	69	<10	7	1
353 - 38	L48000E	49880 N	<5	<.2	1.54	10	6	90	<5	.30	<1	12	20	16	2.77	.06	<10	.46	287	<1	<0.01	12	910	10	<5	<20	22	.16	<10	75	<10	6	
353 - 39	L48000E	49920 N	<5	<.2	2.04	15	6	125	<5	.17	<1	10	5	33	4.56	.49	<10	1.36	316	3	.02	2	740	12	5	<20	53	.21	<10	107	<10	3	
353 - 40	L48000E	49960 N	<5	<.2	1.15	10	4	120	<5	.25	<1	16	24	12	2.47	.11	<10	.54	634	<1	<0.01	9	730	10	5	<20	24	.20	<10	69	<10	7	1
353 - 41	L48000E	50000 N	<5	<.2	2.24	<5	6	90	<5	.68	<1	17	239	27	2.46	.16	<10	2.12	358	<1	.07	82	440	10	5	<20	41	.15	<10	68	<10	6	
353 - 42	L48000E	50040 N	<5	<.2	2.32	10	6	165	<5	.27	<1	20	23	18	4.59	.13	<10	1.27	487	<1	.01	11	830	14	10	<20	38	.22	<10	108	<10	5	1
353 - 43	L48000E	50080 N	<5	<.2	466	10	6	80	<5	.26	<1	10	6	7	1.78	.22	<10	.46	345	<1	<0.01	2	340	8	<5	<20	20	.17	<10	53	<10	7	
353 - 44	L48000E	50120 N	<5	<.2	1.50	20	6	135	<5	.38	<1	23	65	20	3.66	.16	<10	1.28	331	<1	.02	22	800	10	5	<20	29	.27	<10	88	<10	7	
353 - 45	L48000E	50160 N	25	<.2	2.84	15	6	205	<5	.27	<1	13	4	65	4.90	.47	<10	1.81	686	<1	.02	2	1000	24	5	<20	61	.25	<10	149	<10	5	2
353 - 46	L48000E	50200 N	<5	<.2	2.56	<5	6	145	<5	.43	<1	20	151	18	3.53	.20	<10	1.94	760	<1	.03	61	1080	20	10	<20	35	.24	<10	96	<10	7	2
353 - 47	L48000E	50240 N	<5	<.2	2.51	5	6	250	<5	.89	1	20	8	38	3.94	.58	<10	1.68	1063	<1	<0.01	5	2190	12	5	<20	58	.23	<10	116	<10	7	2
353 - 48	L48000E	50280 N	15	<.2	2.34	35	6	245	<5	.31	<1	18	11	27	5.19	.46	<10	1.54	754	<1	.02	6	1190	18	10	<20	57	.24	<10	132	<10	4	1
353 - 49	L48000E	50320 N	<5	<.2	2.61	10	6	195	<5	.69	1	33	34	30	4.20	.34	<10	1.54	2492	<1	.02	15	1670	20	5	<20	62	.28	<10	99	<10	8	2
353 - 50	L48000E	50360 N	<5	.2	1.78	10	6	390	<5	.55	2	25	24	31	3.44	.35	<10	1.02	3872	<1	<0.01	10	2650	10	5	<20	37	.24	<10	78	<10	7	2
353 - 51	L48000E	50400 N	<5	<.2	3.18	15	6	245	<5	.39	<1	35	16	41	5.06	.66	<10	1.83	2998	<1	.01	8	1430	12	10	<20	40	.35	<10	131	<10	10	1
353 - 52	L48000E	50440 N	<5	<.2	3.00	15	6	145	<5	.33	<1	29	27	40	4.84	.23	<10	1.59	1310	<1	.02	13	740	26	5	<20	31	.28	<10	109	<10	7	1
353 - 53	L48000E	50480 N	15	<.2	2.57	15	6	160	<5	.39	<1	35	5	25	4.76	.65	<10	1.64	1774	<1	.03	4	1060	16	10	<20	39	.35	<10	104	<10	11	2
353 - 54	L48000E	50520 N	<5	<.2	1.56	20	6	125	<5	.25	<1	20	17	18	3.87	.26	<10	.87	1215	<1	.02	6	930	14	<5	<20	23	.29	<10	96	<10	8	1
353 - 55	L48000E	50560 N	15	.4	1.48	20	6	130	<5	.21	1	31	6	18	3.64	.23	<10	.80	4160	<1	.01	4	1120	8	<5	<20	23	.24	<10	80	<10	7	1
353 - 56	L48000E	50600 N	<5	<.2	2.30	25	8	125	<5	.22	<1	30	17	30	4.35	.20	<10	1.28	1532	1	.01	9	610	32	10	<20	22	.28	<10	111	<10	8	1
353 - 57	L48000E	50640 N	<5	<.2	2.19	10	6	135	<5	.28	<1	16	20	22	3.71	.16	<10	.91	665	<1	.02	10	520	14	5	<20	32	.23	<10	105	<10	8	1
353 - 58	L48000E	50680 N	<5	<.2	1.76	10	4	65	<5	.26	<1	19	18	21	2.89	.07	<10	.54	382	<1	.01	9	380	26	<5	<20	24	.16	<10	73	<10	6	1
353 - 59	L48000E	50720 N	<5	<.2	1.61	10	6	90	<5	.32	<1	14	20	16	2.89	.11	<10	.56	387	<1	.02	10	760	10	<5	<20	27	.16	<10	76	<10	6	
353 - 60	L48000E	50760 N	<5	<.2	1.79	5	6	105	<5	.45	<1	15	51	38	2.95	.19	10	.83	325	1	.02	16	310	14	<5	<20	34	.22	<10	87	<10	21	
353 - 61	L48000E	50800 N	<5	<.2	2.81	15	6	110	<5	.37	<1	19	32	37	3.50	.16	<10	1.24	463	1	.02	13	620	12	5	<20	29	.27	<10	124	<10	9	1
353 - 62	L48000E	50840 N	<5	<.2	1.88	15	6	80	<5	.30	<1	14	21	23	2.75	.05	<10	.61	332	<1	.01	13	760	12	<5	<20	23	.15	<10	72	<10	5	1
353 - 63	L48000E	50860 N	<5	<.2	1.76	10	4	70	<5	.20	<1	13	20	14	3.09	.05	<10	.54	423	<1	.01	8	670	18	5	<20	18	.17	<10	78	<10	5	1

ECO-TECH LABORATORIES LTD. PLACER DOME INC. - ETK91- 353

PAGE 3

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	Z
353 - 64	L48000E	50920 N	<5	<.2	2.88	15	6	90	<5	.40	<1	27	27	40	4.44	.08	<10	.80	532	1	.01	15	580	22	5	<20	32	.23	<10	112	<10	9	21
353 - 65	L48000E	51000 N	<5	<.2	1.88	15	6	70	<5	.23	<1	16	22	21	3.10	.04	<10	.47	372	1	.01	10	980	10	<5	<20	22	.17	<10	74	<10	5	26
353 - 66	L48000E	50040 N	<5	<.2	1.70	30	6	85	<5	.29	<1	14	27	16	5.22	.10	<10	.59	259	<1	.01	8	1600	14	<5	<20	18	.20	<10	156	<10	3	17
353 - 67	L48000E	50080 N	10	<.2	1.42	20	6	45	<5	.35	<1	11	20	16	3.25	.03	<10	.41	219	2	.01	10	1430	8	<5	<20	16	.11	<10	89	<10	3	11
353 - 68	L48000E	51120 N	<5	<.2	1.33	15	6	55	<5	.34	<1	11	17	15	3.06	.03	<10	.36	208	<1	<0.01	8	2270	8	<5	<20	18	.10	<10	79	<10	3	5
353 - 69	L48000E	51160 N	<5	<.2	1.59	20	6	110	<5	.42	<1	14	14	25	3.28	.09	<10	.64	741	1	.01	6	790	16	<5	<20	32	.18	<10	90	<10	5	10
353 - 70	L48000E	51200 N	<5	<.2	2.43	20	6	140	<5	.28	<1	20	28	36	4.14	.10	<10	.90	521	<1	.02	9	2500	16	5	<20	31	.20	<10	106	<10	4	17
353 - 71	L48000E	51240 N	<5	<.2	2.12	20	6	90	<5	.27	<1	16	44	24	3.74	.07	<10	.88	341	3	.02	12	990	16	5	<20	25	.22	<10	107	<10	6	9
353 - 72	L48000E	51280 N	5	<.2	2.45	10	6	130	<5	.27	<1	13	23	36	3.47	.12	10	.77	436	1	.02	9	870	40	5	<20	40	.19	<10	86	<10	7	5
353 - 73	L48000E	51320 N	<5	<.2	1.99	40	6	110	<5	.10	<1	12	13	22	4.23	.10	<10	.75	377	2	.01	5	1410	42	<5	<20	21	.22	<10	113	<10	5	10
353 - 74	L48000E	51360 N	15	.6	2.30	35	6	165	<5	.15	<1	11	15	32	4.47	.23	<10	.85	557	1	.02	5	1410	82	<5	<20	40	.14	<10	91	<10	1	10
353 - 75	L48000E	51400 N	<5	<.2	1.82	30	6	140	<5	.22	<1	14	18	23	3.88	.13	10	.70	449	<1	.01	6	830	54	5	<20	46	.20	<10	103	<10	6	13
353 - 76	L48000E	51440 N	20	<.2	2.26	25	6	95	<5	.42	<1	13	17	37	3.62	.14	<10	.77	401	<1	.01	8	900	66	5	<20	33	.18	<10	89	<10	10	20
353 - 77	L48000E	51480 N	<5	<.2	1.35	25	8	110	<5	.29	<1	13	13	13	3.42	.14	<10	.61	679	<1	.01	4	620	44	<5	<20	34	.19	<10	92	<10	6	12
353 - 78	L48000E	51520 N	<5	<.2	2.07	15	8	105	<5	.22	<1	20	12	31	4.55	.17	<10	1.30	879	1	.02	5	900	52	10	<20	29	.26	<10	130	<10	8	23
353 - 79	L48000E	51560 N	<5	<.2	2.44	20	8	180	<5	.20	<1	23	15	30	4.64	.20	<10	1.31	1094	1	.03	6	750	36	5	<20	30	.28	<10	127	<10	8	20
353 - 80	L48000E	51600 N	<5	<.2	2.83	20	10	180	<5	.27	<1	23	17	29	4.38	.17	<10	1.39	665	2	.02	8	900	26	5	<20	38	.24	<10	126	<10	8	21
353 - 81	L48200E	49160 N	<5	<.2	.96	25	10	65	<5	.50	<1	12	29	11	3.76	.05	10	.44	321	<1	<0.01	13	1290	6	<5	<20	22	.10	<10	112	<10	4	3
353 - 82	L48200E	49200 N	<5	<.2	1.34	10	10	95	<5	.37	<1	12	26	9	2.56	.05	10	.36	271	<1	.01	11	770	8	<5	<20	26	.16	<10	70	<10	8	5
353 - 83	L48200E	49240 N	<5	<.2	1.76	10	10	75	<5	.31	<1	12	24	8	2.46	.04	<10	.31	304	<1	.01	12	1200	10	<5	<20	21	.16	<10	60	<10	7	4
353 - 84	L48200E	49280 N	<5	<.2	1.64	5	8	80	<5	.43	<1	14	30	12	2.79	.04	10	.38	274	<1	<0.01	11	670	10	<5	<20	30	.22	<10	77	<10	12	3
353 - 85	L48200E	49320 N	<5	<.2	1.38	15	8	80	<5	.50	<1	13	31	12	2.74	.05	10	.38	279	<1	<0.01	11	670	10	<5	<20	35	.23	<10	78	<10	13	3
353 - 86	L48200E	49360 N	<5	<.2	1.65	10	10	75	<5	.34	<1	13	29	11	2.74	.04	10	.35	257	<1	.01	12	910	12	5	<20	24	.19	<10	72	<10	12	4
353 - 87	L48200E	49380 N	<5	<.2	1.69	15	8	100	<5	.39	<1	13	28	10	2.78	.05	10	.40	294	<1	.01	12	580	10	<5	<20	27	.21	<10	76	<10	10	3
353 - 88	L48200E	49420 N	<5	<.2	1.86	15	8	65	<5	.33	<1	13	27	9	2.68	.03	10	.33	264	<1	<0.01	14	1070	12	<5	<20	23	.18	<10	66	<10	9	3
353 - 89	L48200E	49440 N	<5	<.2	1.69	15	10	60	<5	.39	<1	12	26	8	2.84	.04	10	.34	247	<1	.01	13	1280	10	<5	<20	23	.17	<10	71	<10	8	5
353 - 90	L48200E	49960 N	<5	<.2	1.67	15	10	105	<5	.60	<1	14	22	12	2.73	.08	10	.49	597	<1	.01	12	1080	10	<5	<20	37	.17	<10	65	<10	9	22
353 - 91	L48200E	50000 N	<5	<.2	2.60	15	8	150	<5	.30	<1	18	16	30	3.74	.14	<10	1.06	431	<1	.01	10	1320	10	5	<20	30	.23	<10	105	<10	8	17
353 - 92	L48200E	50040 N	<5	<.2	3.30	5	10	275	<5	.27	<1	21	16	46	4.06	.21	10	1.21	562	1	.01	10	1250	22	5	<20	53	.27	<10	109	<10	10	35
353 - 93	L48200E	50080 N	<5	<.2	3.12	15	10	145	<5	.21	<1	19	16	55	4.82	.39	<10	1.71	703	1	.02	8	1200	16	5	<20	45	.26	<10	122	<10	6	21
353 - 94	L48200E	50120 N	<5	<.2	3.11	10	10	230	<5	.23	<1	21	15	44	4.54	.37	<10	1.78	652	1	.02	7	950	10	5	<20	49	.27	<10	120	<10	9	31
353 - 95	L48200E	50160 N	<5	<.2	3.19	20	10	90	<5	.13	<1	14	4	17	5.17	.11	<10	1.03	449	2	<0.01	4	1350	10	10	<20	13	.10	<10	111	<10	4	39
353 - 96	L48200E	50200 N	<5	<.2	2.82	15	10	135	<5	.22	<1	14	2	38	4.81	.55	<10	1.92	530	<1	.02	2	1190	12	10	<20	43	.22	<10	165	<10	4	12
353 - 97	L48200E	50240 N	<5	<.2	2.30	15	8	105	<5	.40	<1	25	60	21	3.77	.08	<10	1.20	495	<1	.02	20	820	10	5	<20	44	.22	<10	112	<10	7	35
353 - 98	L48200E	50280 N	5	<.2	3.28	30	8	90	<5	.10	<1	12	12	44	5.25	1.04	<10	2.40	1376	<1	.02	4	940	30	10	<20	57	.20	<10	193	<10	5	17
353 - 99	L48200E	50320 N	<5	<.2	3.04	10	8	225	<5	.30	<1	25	4	43	4.61	.33	<10	1.74	1007	1	.02	4	1330	16	10	<20	35	.30	<10	115	<10	9	27
353 - 100	L48200E	50360 N	<5	<.2	2.15	20	10	320	<5	.17	<1	16	5	27	4.43	.36	<10	1.28	803	1	.02	3	1600	20	10	<20	34	.29	<10	110	<10	7	13

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 101	L48200E	50400 N	<5	<.2	2.39	20	10	240	<5	.27	<1	16	11	33	4.04	.40	<10	1.40	608	1	.01	6	970	16	10	<20	43	.24	<10	113	<10	6	177
353 - 102	L48200E	50480 N	<5	<.2	2.19	20	8	180	<5	.19	<1	18	13	22	4.23	.22	<10	1.31	630	<1	.01	5	820	20	5	<20	30	.27	<10	119	<10	7	161
353 - 103	L48200E	50520 N	<5	<.2	2.65	25	8	95	<5	.22	<1	14	12	37	5.52	.65	<10	1.58	736	2	.03	6	1090	18	10	<20	83	.26	<10	126	<10	5	73
353 - 104	L48200E	50560 N	<5	.4	2.04	15	8	65	<5	.30	<1	18	22	15	3.21	.09	<10	.69	485	<1	.01	11	440	22	<5	<20	27	.21	<10	86	<10	7	180
353 - 105	L48200E	50600 N	<5	<.2	1.58	15	10	90	<5	.40	<1	15	20	15	3.09	.14	<10	.57	518	<1	.01	10	1390	10	5	<20	31	.17	<10	79	<10	6	77
353 - 106	L48200E	50640 N	<5	.2	1.58	10	8	135	<5	.46	1	18	20	19	2.69	.13	<10	.62	1332	<1	.01	10	760	16	<5	<20	30	.19	<10	71	<10	8	388
353 - 107	L48200E	50680 N	<5	<.2	1.82	20	8	95	<5	.35	<1	15	15	19	3.22	.14	<10	.81	544	<1	.01	8	930	22	5	<20	28	.19	<10	85	<10	7	236
[illegible] - 108	L48200E	50720 N	5	<.2	1.82	15	8	80	<5	.34	<1	15	16	22	3.05	.14	<10	.76	428	1	.01	9	580	18	<5	<20	28	.16	<10	70	<10	5	154
353 - 109	L48200E	50760 N	35	.8	3.54	35	8	130	<5	.39	2	55	29	101	5.44	.49	10	1.53	7559	3	.02	27	770	24	10	<20	64	.16	<10	70	<10	35	1029
353 - 110	L48200E	50800 N	<5	<.2	2.57	10	8	95	<5	.28	<1	23	16	55	4.03	.10	<10	1.16	1067	<1	.02	9	760	36	5	<20	30	.24	<10	100	<10	8	309
353 - 111	L48200E	50840 N	<5	<.2	2.30	10	10	100	<5	.24	1	29	10	20	3.92	.12	<10	.95	2609	<1	.02	7	480	34	10	<20	26	.30	<10	125	<10	12	327
353 - 112	L48200E	50880 N	<5	<.2	3.03	25	8	95	<5	.19	<1	20	12	27	4.58	.10	<10	1.06	867	<1	.01	6	1240	68	<5	<20	23	.25	<10	95	<10	7	214
353 - 113	L48200E	50940 N	<5	<.2	1.58	15	8	100	<5	.88	<1	16	26	17	2.87	.14	20	.57	618	<1	.02	12	980	12	5	<20	57	.25	<10	77	<10	17	68
353 - 114	L48200E	50960 N	<5	<.2	2.14	25	8	65	<5	.26	<1	31	14	14	4.77	.05	<10	.80	1347	<1	.01	7	1380	30	5	<20	33	.22	<10	126	<10	6	237
353 - 115	L48200E	51000 N	<5	<.2	2.96	30	8	105	<5	.32	<1	24	12	44	4.19	.09	<10	1.17	783	2	.02	8	820	42	5	<20	25	.22	<10	114	<10	7	256
353 - 116	L48400E	50000 N	<5	<.2	1.62	15	8	175	<5	.19	<1	15	9	14	2.98	.15	<10	.70	323	1	.01	5	630	16	<5	<20	31	.17	<10	82	<10	5	130
353 - 117	L48400E	50040 N	<5	<.2	2.16	15	8	265	<5	.36	<1	12	4	19	3.28	.51	<10	1.64	608	<1	.01	3	560	24	5	<20	44	.23	<10	110	<10	7	146
353 - 118	L48400E	50280 N	<5	<.2	1.95	15	8	130	<5	.73	<1	12	15	38	3.14	.32	<10	1.33	814	<1	<0.01	6	320	18	10	<20	36	.21	<10	118	<10	7	282
353 - 119	L48400E	50320 N	<5	<.2	1.11	5	8	90	<5	.24	<1	9	7	14	1.72	.23	<10	.60	291	<1	.01	3	280	14	<5	<20	23	.26	<10	69	<10	10	125
353 - 120	L48400E	50360 N	<5	<.2	1.88	20	8	100	<5	.22	<1	19	17	15	3.37	.11	<10	.78	500	<1	.01	8	1030	28	<5	<20	31	.21	<10	84	<10	7	312
353 - 121	L48400E	50440 N	<5	<.2	2.10	15	8	185	<5	.28	<1	26	8	6	4.23	.68	<10	1.92	919	<1	.02	5	1160	12	5	<20	11	.39	<10	107	<10	18	111
353 - 122	L48400E	50480 N	10	<.2	1.59	15	8	105	<5	.10	<1	12	4	11	3.31	.14	<10	1.01	457	<1	.01	3	1060	30	<5	<20	23	.23	<10	78	<10	6	194
353 - 123	L48400E	50520 N	<5	<.2	2.33	15	8	205	<5	.29	<1	18	16	27	4.32	.18	<10	1.28	628	<1	<0.01	8	1730	18	5	<20	51	.23	<10	114	<10	5	200
353 - 124	L48400E	50560 N	40	<.2	2.33	40	8	190	<5	.28	<1	20	38	33	4.69	.28	<10	1.27	650	<1	.02	13	1510	16	5	<20	63	.22	<10	111	<10	4	160
353 - 125	L48400E	50600 N	<5	<.2	2.09	15	8	130	<5	.31	<1	15	12	17	4.23	.12	<10	1.14	519	<1	<0.01	6	1120	18	5	<20	46	.22	<10	127	<10	5	167
353 - 126	L48400E	50640 N	<5	<.2	2.11	20	8	115	<5	.33	2	18	22	18	3.96	.09	<10	1.01	599	<1	<0.01	9	1730	18	5	<20	35	.19	<10	102	<10	4	320
353 - 127	L48400E	50680 N	<5	.4	1.68	105	8	80	<5	.25	3	17	17	10	2.84	.04	<10	.57	1133	<1	<0.01	9	340	32	<5	<20	21	.15	<10	72	<10	5	508
353 - 128	L48400E	50720 N	<5	<.2	1.70	35	8	60	<5	.24	2	17	16	15	2.98	.06	<10	.69	699	<1	<0.01	8	330	24	<5	<20	19	.18	<10	83	<10	5	367
353 - 129	L48400E	50760 N	<5	.6	2.34	175	6	160	<5	.59	16	25	26	33	3.62	.20	10	.94	2576	<1	<0.01	14	570	48	5	<20	50	.16	<10	83	<10	5	1121
353 - 130	L48400E	50800 N	60	.4	1.72	650	8	95	<5	.57	10	20	17	25	3.71	<0.01	10	.52	2063	2	<0.01	10	610	22	5	<20	32	.13	<10	69	<10	3	813
353 - 131	L48400E	50840 N	<5	.8	3.32	125	8	115	<5	1.09	2	26	26	100	4.09	.04	20	1.41	1559	<1	.03	24	360	24	10	<20	53	.22	<10	111	<10	19	394
353 - 132	L48400E	50880 N	<5	<.2	2.41	130	4	75	<5	.30	2	18	8	22	4.15	.08	10	.71	772	1	.01	6	470	20	5	<20	22	.06	<10	92	<10	<1	318
353 - 133	L48400E	50920 N	45	1.2	2.57	1020	4	100	<5	.40	<1	41	35	82	4.76	<0.01	10	.67	902	2	<0.01	22	580	134	15	<20	27	.07	<10	81	<10	<1	726
353 - 134	L48400E	50960 N	<5	<.2	1.70	25	8	100	<5	.20	<1	17	19	27	3.22	.07	<10	.65	448	1	.01	11	390	22	5	<20	22	.19	<10	90	<10	7	95
353 - 135	L48400E	51000 N	<5	<.2	2.60	50	8	100	<5	.40	<1	20	27	40	3.44	.09	<10	.80	786	<1	<0.01	14	1000	28	<5	<20	30	.18	<10	89	<10	6	148
353 - 136	L49000E	50120 N	<5	<.2	2.36	<5	8	240	<5	.26	<1	15	3	28	3.77	.18	<10	1.55	537	<1	.01	3	890	18	5	<20	38	.20	<10	144	<10	6	463

ECO-TECH LABORATORIES LTD. PLACER DOME INC. - ETK91- 353

PAGE 5

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 137	L49000E	50160 N	<5	<.2	1.06	10	8	65	<5	.27	<1	11	21	8	2.24	.07	10	.36	230	<1	<0.01	8	810	6	5	<20	23	.15	<10	66	<10	7	59
353 - 138	L49000E	50200 N	<5	.2	1.55	5	8	235	<5	.51	<1	23	7	11	3.39	.63	<10	1.07	1753	<1	<0.01	4	1410	6	5	<20	52	.29	<10	76	<10	10	149
353 - 139	L49000E	50240 N	<5	<.2	1.39	10	8	140	<5	.30	<1	17	16	12	2.90	.11	<10	.56	606	<1	<0.01	7	1220	12	<5	<20	31	.17	<10	68	<10	6	196
353 - 140	L49000E	50280 N	<5	<.2	1.46	10	8	65	<5	.30	<1	15	19	12	2.87	.10	<10	.53	318	<1	<0.01	10	700	10	<5	<20	24	.17	<10	74	<10	6	99
353 - 141	L49000E	50320 N	<5	<.2	1.42	10	8	105	<5	.26	<1	13	15	9	2.69	.11	<10	.65	440	<1	<0.01	6	970	34	<5	<20	41	.20	<10	63	<10	7	286
353 - 142	L49000E	50360 N	<5	<.2	1.00	10	8	65	<5	.19	<1	13	15	10	2.12	.06	<10	.32	882	<1	<0.01	7	1100	14	<5	<20	14	.13	<10	51	<10	5	122
3 - 143	L49000E	50400 N	<5	<.2	1.48	10	8	70	<5	.22	<1	11	19	6	2.77	.05	<10	.29	221	<1	<0.01	8	1450	12	<5	<20	18	.13	<10	68	<10	5	103
353 - 144	L49000E	50440 N	<5	<.2	1.47	10	8	60	<5	.24	<1	13	15	9	2.56	.06	<10	.48	384	<1	<0.01	6	1360	12	<5	<20	16	.15	<10	65	<10	6	158
353 - 145	L49000E	50480 N	<5	<.2	1.32	10	6	50	<5	.21	<1	12	15	8	2.84	.05	<10	.37	430	<1	<0.01	5	950	26	<5	<20	14	.15	<10	72	<10	5	128
353 - 146	L49000E	50520 N	<5	<.2	1.21	10	8	65	<5	.31	<1	13	21	12	2.65	.07	<10	.43	656	<1	<0.01	9	840	14	<5	<20	19	.15	<10	71	<10	7	101
353 - 147	L49000E	50560 N	<5	<.2	1.76	35	6	95	<5	.28	<1	17	21	23	3.46	.10	<10	.92	609	<1	.01	10	1450	22	<5	<20	23	.13	<10	86	<10	4	138
353 - 148	L49000E	50600 N	<5	<.2	1.53	30	6	85	<5	.26	<1	15	18	18	2.69	.07	<10	.53	516	<1	.01	9	450	16	<5	<20	28	.12	<10	69	<10	6	97
353 - 149	L49000E	50640 N	10	<.2	1.36	25	6	60	<5	.55	<1	10	19	12	2.44	.05	<10	.53	284	<1	.01	8	550	18	<5	<20	36	.14	<10	67	<10	9	69
353 - 150	L49200E	50040 N	<5	<.2	1.06	5	8	75	<5	.54	<1	11	24	14	2.29	.09	<10	.54	291	<1	.02	9	490	6	<5	<20	45	.14	<10	59	<10	9	58
353 - 151	L49200E	50080 N	<5	<.2	1.02	10	8	70	<5	.56	<1	10	17	11	2.29	.09	<10	.52	358	<1	.02	8	610	10	<5	<20	53	.13	<10	63	<10	9	67
353 - 152	L49200E	50120 N	<5	<.2	.86	5	6	120	<5	.50	<1	9	10	22	1.88	.10	<10	.43	335	1	<0.01	5	530	10	<5	<20	68	.16	<10	56	<10	6	136
353 - 153	L49200E	50160 N	<5	<.2	1.69	25	8	170	<5	.33	<1	22	15	17	4.12	.43	<10	.93	940	3	<0.01	6	460	14	5	<20	50	.21	<10	100	<10	6	154
353 - 154	L49200E	50200 N	<5	<.2	1.21	20	8	60	<5	.32	<1	14	24	9	2.46	.08	<10	.40	647	<1	<0.01	9	710	12	<5	<20	19	.15	<10	61	<10	6	150
353 - 155	L49200E	50240 N	<5	<.2	1.35	20	8	75	<5	.31	<1	13	34	12	2.87	.09	<10	.56	478	<1	.01	11	700	18	<5	<20	25	.16	<10	79	<10	6	110
353 - 156	L49200E	50280 N	<5	<.2	1.16	15	6	85	<5	.34	<1	12	21	10	2.39	.15	<10	.43	512	<1	<0.01	8	580	8	<5	<20	27	.17	<10	65	<10	7	63
353 - 157	L49200E	50320 N	<5	.2	1.60	20	6	165	<5	.39	1	15	26	13	2.77	.12	<10	.51	1075	<1	<0.01	13	2470	24	<5	<20	33	.13	<10	55	<10	6	264
353 - 158	L49200E	50360 N	<5	.4	1.45	25	6	90	<5	.38	<1	14	19	9	2.47	.08	<10	.40	542	<1	<0.01	11	1260	14	<5	<20	24	.13	<10	52	<10	6	272
353 - 159	L49200E	50400 N	<5	<.2	1.17	30	6	70	<5	.37	<1	11	20	10	2.44	.08	<10	.40	450	<1	<0.01	9	710	14	<5	<20	25	.16	<10	57	<10	7	142
353 - 160	L49200E	50440 N	<5	<.2	1.01	20	8	85	<5	.35	<1	13	16	9	1.90	.08	<10	.35	460	<1	<0.01	7	600	14	<5	<20	24	.14	<10	46	<10	7	128
353 - 161	L49200E	50480 N	<5	.2	1.49	30	8	100	<5	.36	<1	14	19	13	2.82	.06	<10	.52	410	<1	<0.01	10	720	20	<5	<20	25	.17	<10	74	<10	7	119
353 - 162	L49200E	50520 N	<5	<.2	1.27	20	6	85	<5	.27	<1	11	21	26	2.67	.06	<10	.42	290	<1	<0.01	11	570	16	<5	<20	19	.14	<10	66	<10	6	85
353 - 163	L49200E	50560 N	<5	<.2	1.24	25	6	70	<5	.26	<1	12	20	12	2.60	.10	<10	.46	301	<1	<0.01	9	470	14	<5	<20	18	.15	<10	70	<10	6	55
353 - 164	L49200E	50600 N	<5	2.6	.91	665	6	70	<5	.28	<1	11	18	65	4.80	<0.01	<10	.26	610	19	<0.01	23	850	202	15	<20	12	.04	<10	104	<10	2	542
353 - 165	L49200E	50640 N	<5	.8	1.05	265	6	115	<5	.27	4	11	14	44	4.00	<0.01	<10	.36	603	42	<0.01	43	850	92	15	<20	20	.04	<10	114	<10	2	909
353 - 166	L49200E	50680 N	<5	<.2	1.16	25	8	105	<5	.33	<1	11	19	9	2.35	.08	<10	.39	332	<1	<0.01	10	560	14	<5	<20	15	.15	<10	63	<10	6	101
353 - 167	L49200E	50720 N	<5	<.2	1.24	15	8	85	<5	.35	<1	12	21	10	2.43	.09	<10	.39	276	<1	<0.01	10	440	10	<5	<20	19	.15	<10	63	<10	7	40
353 - 168	L49200E	50760 N	<5	.6	1.11	10	6	185	<5	.39	<1	15	19	10	2.34	.09	<10	.37	556	<1	<0.01	14	550	14	<5	<20	24	.15	<10	62	<10	6	96
353 - 169	L49200E	50800 N	<5	.2	1.63	35	8	85	<5	.36	<1	14	23	15	2.98	.11	<10	.56	363	<1	<0.01	16	600	14	<5	<20	19	.18	<10	77	<10	7	93
353 - 170	L49200E	50840 N	<5	<.2	1.39	30	8	120	<5	.49	<1	13	23	13	2.74	.09	<10	.51	446	<1	<0.01	13	800	14	<5	<20	26	.18	<10	71	<10	9	82

ECO-TECH LABORATORIES LTD. PLACER DOME INC. - ETK91- 353

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 171	L49200E	50880 N	<5	<.2	1.62	20	6	75	<5	.54	<1	14	22	16	2.82	.08	<10	.54	462	<1	<0.01	12	480	14	<5	<20	31	.18	<10	69	<10	9	79
353 - 172	L49200E	50920 N	<5	.4	1.59	15	8	110	<5	.62	<1	14	17	13	2.66	.15	<10	.64	1058	<1	.01	9	430	10	5	<20	38	.15	<10	62	<10	6	66
353 - 173	L49200E	50960 N	<5	<.2	1.50	20	8	85	<5	.55	<1	15	22	16	2.84	.12	<10	.64	512	<1	.01	11	610	14	<5	<20	36	.21	<10	72	<10	11	63
353 - 174	L49200E	51000 N	<5	<.2	1.94	20	8	105	<5	.43	<1	15	21	15	3.02	.09	<10	.58	364	<1	<0.01	13	690	18	<5	<20	32	.17	<10	72	<10	7	80
353 - 175	L49300E	51520 N	<5	<.2	1.96	20	6	70	<5	.46	<1	16	24	23	3.29	.13	<10	.68	921	<1	<0.01	12	360	16	<5	<20	19	.16	<10	84	<10	9	121
353 - 176	L49400E	49040 N	<5	<.2	1.29	<5	6	150	<5	.60	<1	6	20	19	.91	.02	<10	.30	132	<1	<0.01	7	600	8	<5	<20	62	.10	<10	37	<10	10	27
353 - 177	L49400E	49240 N	<5	<.2	1.12	15	6	90	<5	.70	<1	12	23	11	2.57	.06	<10	.39	895	1	.01	11	690	6	<5	<20	53	.14	<10	60	<10	10	26
- 178	L49400E	49280 N	<5	<.2	1.18	10	6	60	<5	.51	<1	9	23	13	2.14	.06	<10	.35	192	<1	<0.01	10	480	6	<5	<20	36	.15	<10	59	<10	10	28
353 - 179	L49400E	49320 N	<5	<.2	1.15	10	8	55	<5	.30	<1	11	24	9	2.65	.04	<10	.35	241	<1	<0.01	10	940	6	<5	<20	17	.14	<10	70	<10	7	29
353 - 180	L49400E	49360 N	<5	<.2	1.36	20	6	60	<5	.20	<1	10	22	6	2.43	.03	<10	.28	186	<1	<0.01	10	1090	8	<5	<20	13	.14	<10	59	<10	5	30
353 - 181	L49400E	49400 N	<5	<.2	1.34	10	6	65	<5	.24	<1	10	19	7	2.35	.04	<10	.30	360	<1	<0.01	11	1190	6	<5	<20	13	.12	<10	54	<10	4	42
353 - 182	L49400E	49440 N	<5	<.2	1.75	30	6	75	<5	.27	<1	12	23	11	3.00	.03	<10	.39	425	<1	<0.01	13	1820	10	<5	<20	17	.11	<10	71	<10	3	59
353 - 183	L49400E	49480 N	<5	<.2	1.65	45	6	80	<5	.27	<1	14	24	9	3.19	.03	<10	.38	445	<1	<0.01	13	1480	10	<5	<20	22	.12	<10	77	<10	3	68
353 - 184	L49400E	49520 N	<5	<.2	1.61	55	8	70	<5	.27	<1	12	23	18	2.71	.03	<10	.40	253	<1	<0.01	14	1130	10	<5	<20	19	.11	<10	68	<10	4	55
353 - 185	L49400E	49560 N	<5	<.2	1.06	25	10	65	<5	.45	<1	11	22	11	2.37	.05	<10	.37	354	<1	<0.01	11	650	6	<5	<20	36	.13	<10	60	<10	8	32
353 - 186	L49400E	49640 N	<5	<.2	1.19	35	8	90	<5	.35	<1	12	19	70	2.55	.04	<10	.41	243	1	<0.01	15	640	14	<5	<20	28	.11	<10	58	<10	5	50
353 - 187	L49400E	49700 N	<5	.2	1.42	60	8	110	<5	.27	<1	16	19	59	3.25	.04	<10	.38	227	2	<0.01	15	2000	16	<5	<20	22	.10	<10	63	<10	2	88
353 - 188	L49400E	49720 N	<5	.2	1.63	100	6	120	<5	.28	<1	15	22	63	3.04	.03	<10	.42	248	2	<0.01	14	680	22	<5	<20	27	.15	<10	65	<10	5	64
353 - 189	L49400E	49760 N	<5	.6	.90	30	8	75	<5	.33	<1	9	20	12	2.22	.06	<10	.24	253	<1	<0.01	7	840	20	<5	<20	30	.14	<10	61	<10	5	77
353 - 190	L49400E	49800 N	<5	<.2	1.00	25	6	80	<5	.57	<1	12	21	10	2.39	.04	<10	.27	363	<1	<0.01	8	950	8	<5	<20	42	.15	<10	64	<10	6	46
353 - 191	L49400E	49840 N	<5	<.2	1.33	40	8	80	<5	.31	<1	13	23	19	2.74	.05	<10	.38	261	<1	<0.01	12	950	10	<5	<20	21	.12	<10	70	<10	4	60
353 - 192	L49400E	49900 N	15	1.6	1.65	55	6	120	<5	.19	<1	12	25	389	3.44	.06	<10	.53	440	29	<0.01	16	870	34	10	<20	15	.06	<10	55	<10	<1	135
353 - 193	L49400E	49920 N	40	1.8	1.78	45	8	140	<5	.24	<1	14	30	399	3.49	.06	<10	.57	471	14	<0.01	21	550	66	10	<20	21	.13	<10	76	<10	2	180
353 - 194	L49400E	49960 N	<5	<.2	1.27	25	8	145	<5	.33	<1	14	19	18	3.27	.08	<10	.45	534	<1	<0.01	9	1010	10	<5	<20	43	.14	<10	69	<10	3	86
- 195	L49400E	50000 N	<5	<.2	1.36	25	8	70	<5	.34	<1	13	23	16	2.83	.09	<10	.47	254	<1	<0.01	11	440	8	<5	<20	26	.18	<10	77	<10	6	43
353 - 196	L49400E	50040 N	<5	.2	1.29	25	8	125	<5	.40	<1	13	18	11	2.77	.18	<10	.54	1137	<1	<0.01	8	890	8	<5	<20	37	.17	<10	70	<10	6	107
353 - 197	L49400E	50080 N	<5	<.2	1.42	25	8	75	<5	.37	<1	13	21	10	2.75	.07	<10	.42	298	<1	<0.01	13	660	8	<5	<20	28	.15	<10	71	<10	6	40
353 - 198	L49400E	50120 N	<5	<.2	1.34	30	8	105	<5	.32	<1	14	19	15	3.07	.14	<10	.60	632	<1	<0.01	8	1170	22	<5	<20	34	.18	<10	83	<10	5	100
353 - 199	L49400E	50160 N	<5	<.2	1.48	20	8	110	<5	.45	<1	17	31	14	2.59	.12	<10	.71	533	<1	.01	13	1400	20	<5	<20	37	.19	<10	68	<10	6	333
353 - 200	L49400E	50200 N	<5	<.2	1.22	35	8	100	<5	.30	<1	13	21	13	3.02	.11	<10	.45	474	<1	<0.01	10	1200	10	<5	<20	44	.17	<10	70	<10	5	80
353 - 201	L49400E	50240 N	<5	<.2	1.09	25	6	95	<5	.33	<1	12	21	8	2.48	.07	<10	.30	588	<1	<0.01	9	1550	8	<5	<20	26	.12	<10	57	<10	4	87
353 - 202	L49400E	50280 N	<5	<.2	1.24	25	8	60	<5	.37	<1	12	28	10	2.60	.06	<10	.41	250	<1	.01	11	640	10	<5	<20	28	.17	<10	72	<10	7	57

ECO-TECH LABORATORIES LTD. PLACER DOME INC. - ETK91- 353

PAGE 7

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 203	L49400E	50320 N	<5	.2	1.15	25	8	65	<5	.36	<1	11	25	10	2.52	.07	<10	.39	228	<1	<0.01	12	810	8	<5	<20	25	.14	<10	67	<10	5	41
353 - 204	L49400E	50360 N	<5	<.2	1.24	30	8	70	<5	.41	<1	11	24	10	2.75	.05	<10	.37	259	<1	<0.01	12	960	10	<5	<20	28	.15	<10	70	<10	6	64
353 - 205	L49400E	50400 N	<5	.8	1.28	25	8	95	<5	.38	<1	13	20	12	2.51	.05	<10	.37	760	<1	<0.01	10	1140	18	<5	<20	27	.15	<10	60	<10	7	257
353 - 206	L49400E	50440 N	<5	<.2	1.47	30	8	90	<5	.36	<1	14	20	15	2.96	.12	<10	.57	431	<1	<0.01	11	760	18	<5	<20	27	.16	<10	75	<10	6	130
353 - 207	L49400E	50480 N	<5	.4	1.44	25	8	95	<5	.37	<1	13	21	12	2.79	.05	<10	.45	373	<1	<0.01	14	890	8	<5	<20	24	.15	<10	69	<10	7	96
353 - 208	L49400E	50520 N	<5	.4	1.26	30	6	105	<5	.24	1	12	18	24	3.02	.05	<10	.34	537	1	<0.01	10	510	28	<5	<20	20	.12	<10	70	<10	3	165
353 - 209	L49400E	50560 N	10	.4	1.40	45	6	85	<5	.27	<1	14	21	38	3.23	.05	<10	.45	528	1	<0.01	14	680	24	<5	<20	24	.11	<10	67	<10	4	160
353 - 210	L49400E	50600 N	<5	.6	1.31	55	8	105	<5	.36	<1	12	22	49	3.70	.08	<10	.44	464	1	<0.01	12	1240	16	<5	<20	22	.11	<10	69	<10	2	132
353 - 211	L49400E	50640 N	10	.2	1.21	65	8	65	<5	.32	<1	12	18	35	4.28	.05	<10	.46	448	2	<0.01	9	730	32	5	<20	27	.07	<10	72	<10	<1	144
353 - 212	L49400E	50680 N	<5	.8	1.41	75	8	100	<5	.38	<1	17	26	34	3.51	.08	<10	.53	1192	1	<0.01	15	1070	24	5	<20	27	.12	<10	75	<10	3	224
353 - 213	L49400E	50720 N	<5	.6	1.34	60	8	140	<5	.56	1	15	25	17	2.86	.09	<10	.51	950	<1	<0.01	13	1350	20	<5	<20	47	.13	<10	68	<10	4	172
353 - 214	L49400E	50760 N	5	.6	1.55	65	8	85	<5	.29	<1	17	26	16	3.11	.09	<10	.51	1139	<1	<0.01	13	570	24	<5	<20	21	.15	<10	79	<10	4	202
353 - 215	L49400E	50800 N	<5	.2	1.77	30	8	110	<5	.46	<1	12	21	12	2.91	.07	<10	.46	331	<1	<0.01	15	1360	10	<5	<20	29	.15	<10	70	<10	6	135
353 - 216	L49400E	50840 N	5	.4	1.70	45	8	120	<5	.29	<1	15	22	19	3.24	.12	<10	.73	644	<1	.01	13	1060	14	<5	<20	26	.15	<10	86	<10	4	156
353 - 217	L49400E	50880 N	<5	.4	1.67	55	8	85	<5	.42	<1	15	24	12	2.89	.09	<10	.60	506	<1	<0.01	16	940	24	5	<20	33	.13	<10	73	<10	4	212
353 - 218	L49400E	50920 N	<5	.6	1.46	50	8	110	<5	.34	<1	17	23	18	3.08	.11	<10	.63	599	<1	<0.01	14	770	22	<5	<20	30	.14	<10	80	<10	4	198
353 - 219	L49400E	50960 N	5	.4	1.93	50	8	100	<5	.46	<1	15	25	23	2.97	.11	<10	.68	574	<1	.01	16	850	26	<5	<20	33	.18	<10	70	<10	8	136
353 - 220	L49400E	51000 N	<5	.4	1.66	45	8	85	<5	.40	<1	12	23	16	2.84	.11	<10	.71	420	<1	.01	13	800	18	<5	<20	31	.17	<10	74	<10	6	118
353 - 221	L49500E	49920 N	<5	.2	1.06	25	8	60	<5	.27	<1	12	17	14	2.17	.04	<10	.29	253	<1	<0.01	10	420	10	<5	<20	19	.14	<10	54	<10	5	123
353 - 222	L49500E	49960 N	25	1.2	1.15	35	8	100	<5	.41	<1	13	23	319	3.40	.09	<10	.44	467	6	<0.01	12	670	38	5	<20	27	.14	<10	69	<10	6	87
353 - 223	L49500E	50000 N	<5	.6	1.02	30	6	65	<5	.23	<1	10	20	30	2.51	.04	<10	.32	384	2	<0.01	7	580	12	<5	<20	19	.13	<10	66	<10	4	70
353 - 224	L49500E	50040 N	<5	.2	1.04	20	8	120	<5	.36	<1	14	16	11	2.37	.09	<10	.42	1248	<1	<0.01	7	700	8	<5	<20	29	.17	<10	64	<10	6	122
353 - 225	L49500E	50080 N	<5	.2	1.49	20	8	80	<5	.32	<1	13	19	10	2.69	.06	<10	.41	275	<1	<0.01	12	890	8	<5	<20	24	.15	<10	62	<10	5	94
353 - 226	L49500E	50120 N	<5	<.2	1.06	20	8	45	<5	.40	<1	10	20	8	2.43	.05	<10	.37	285	<1	<0.01	12	900	6	<5	<20	22	.12	<10	64	<10	6	32
353 - 227	L49500E	50160 N	5	<.2	1.00	20	8	60	<5	.29	<1	9	17	5	2.12	.04	<10	.24	234	<1	<0.01	7	890	12	<5	<20	21	.14	<10	55	<10	5	73
353 - 228	L49500E	50200 N	<5	.2	1.38	25	8	60	<5	.36	<1	12	22	9	2.60	.04	<10	.35	276	<1	<0.01	13	750	10	<5	<20	30	.15	<10	64	<10	7	72
353 - 229	L49500E	50240 N	<5	.4	.73	20	8	75	<5	.21	<1	8	16	11	1.98	.04	<10	.23	183	<1	<0.01	6	670	10	<5	<20	18	.13	<10	54	<10	4	43
353 - 230	L49500E	50280 N	5	.4	1.06	20	6	95	<5	.24	<1	10	15	10	2.37	.06	<10	.34	274	<1	<0.01	8	800	16	<5	<20	23	.12	<10	59	<10	4	137
353 - 231	L49500E	50320 N	<5	<.2	1.19	25	6	85	<5	.30	<1	12	17	15	2.57	.08	<10	.55	388	<1	<0.01	8	790	12	<5	<20	25	.13	<10	72	<10	4	73
353 - 232	L49500E	50360 N	<5	.4	1.00	25	6	55	<5	.29	<1	12	17	13	2.22	.05	<10	.36	498	<1	<0.01	7	630	32	<5	<20	22	.12	<10	59	<10	5	110
353 - 233	L49500E	50400 N	<5	.2	1.46	20	8	130	<5	.30	<1	19	10	14	3.32	.24	<10	.87	892	1	<0.01	5	600	8	<5	<20	27	.21	<10	92	<10	6	161
353 - 234	L49500E	51840 N	<5	<.2	1.36	35	8	110	<5	.25	<1	18	30	21	3.04	.09	<10	.64	513	1	<0.01	23	890	14	<5	<20	22	.10	<10	67	<10	2	93

ECO-TECH LABORATORIES LTD. PLACER DOME INC. - ETK91- 353

PAGE 8

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 235	L49500E	51880 N	<5	.4	1.22	35	6	115	<5	.34	2	17	20	20	2.68	.07	<10	.46	1537	<1	<0.01	19	870	12	<5	<20	22	.08	<10	58	<10	2	142
353 - 236	L49500E	52000 N	<5	<.2	1.32	30	6	95	<5	.22	<1	14	20	18	2.87	.08	<10	.58	456	<1	<0.01	26	580	10	<5	<20	22	.09	<10	64	<10	2	105
353 - 237	L49600E	50000 N	5	2.8	1.53	45	6	95	<5	.25	<1	13	19	362	3.50	.07	<10	.49	411	7	<0.01	13	1040	30	5	<20	17	.09	<10	60	<10	2	84
353 - 238	L49600E	50040 N	<5	.2	1.07	15	8	65	<5	.33	<1	10	20	11	2.18	.06	<10	.34	247	<1	<0.01	11	570	6	<5	<20	22	.14	<10	58	<10	6	37
353 - 239	L49600E	50120 N	<5	<.2	.88	15	6	55	<5	.23	<1	7	16	7	1.87	.01	<10	.21	128	<1	<0.01	6	310	6	<5	<20	18	.11	<10	55	<10	5	26
353 - 240	L49600E	50160 N	<5	<.2	1.40	20	6	80	<5	.28	<1	12	19	17	2.49	.06	<10	.44	272	<1	<0.01	12	670	8	<5	<20	22	.13	<10	65	<10	5	102
- 241	L49600E	50200 N	<5	<.2	1.06	15	8	55	<5	.28	<1	8	17	8	2.08	.03	<10	.30	177	<1	<0.01	8	580	6	<5	<20	20	.11	<10	55	<10	5	30
353 - 242	L49600E	50240 N	10	<.2	1.43	25	6	110	<5	.31	<1	13	18	15	3.02	.12	<10	.64	430	2	<0.01	8	550	16	<5	<20	48	.15	<10	80	<10	5	77
353 - 243	L49600E	50280 N	<5	<.2	1.26	20	8	75	<5	.29	<1	13	20	10	2.68	.07	<10	.41	281	<1	<0.01	13	840	10	<5	<20	19	.14	<10	72	<10	6	59
353 - 244	L49600E	50320 N	<5	.4	1.09	25	6	75	<5	.27	<1	11	20	18	2.42	.06	<10	.39	263	<1	<0.01	11	620	8	<5	<20	21	.13	<10	62	<10	5	38
353 - 245	L49600E	50360 N	5	.6	1.64	40	6	80	<5	.32	<1	12	22	35	3.06	.05	<10	.51	338	2	<0.01	12	680	140	<5	<20	23	.13	<10	70	<10	5	525
353 - 246	L49600E	50400 N	10	.4	1.20	35	6	60	<5	.30	<1	11	22	19	2.73	.06	<10	.46	300	1	<0.01	10	750	14	<5	<20	23	.13	<10	72	<10	4	80
353 - 247	L49600E	50440 N	<5	.4	1.26	70	6	90	<5	.34	<1	15	19	32	2.85	.11	<10	.53	631	1	<0.01	10	690	30	<5	<20	26	.11	<10	66	<10	4	134
353 - 248	L49600E	50480 N	<5	1.0	1.05	40	6	150	<5	.44	2	16	17	33	2.57	.09	<10	.43	1241	<1	<0.01	10	520	20	<5	<20	45	.13	<10	64	<10	5	168
353 - 249	L49600E	50520 N	10	.6	1.57	75	6	125	<5	.49	<1	16	24	75	3.20	.13	<10	.65	807	2	<0.01	15	730	38	5	<20	41	.10	<10	70	<10	8	131
353 - 250	L49600E	50560 N	5	.4	1.24	55	6	85	<5	.40	<1	13	23	38	3.28	.11	<10	.61	476	1	<0.01	13	560	26	5	<20	26	.13	<10	73	<10	5	144
353 - 251	L49600E	50600 N	15	.8	1.40	50	6	105	<5	.38	<1	13	20	100	3.10	.09	<10	.57	614	<1	<0.01	13	490	26	<5	<20	34	.12	<10	65	<10	7	127
353 - 252	L49600E	50640 N	10	1.0	1.47	30	6	90	<5	.61	<1	13	21	32	2.75	.07	<10	.60	476	<1	<0.01	13	350	18	<5	<20	43	.14	<10	67	<10	7	89
353 - 253	L49600E	50680 N	<5	.8	1.11	30	6	85	<5	.33	<1	12	16	35	2.23	.07	<10	.41	360	<1	<0.01	10	250	14	<5	<20	29	.13	<10	59	<10	7	84
353 - 254	L49600E	50720 N	15	1.2	2.09	45	6	155	<5	1.02	<1	14	24	83	3.19	.14	10	.80	696	<1	<0.01	20	730	20	<5	<20	56	.12	<10	68	<10	19	164
353 - 255	L49600E	50760 N	<5	.4	1.28	40	8	100	<5	.62	<1	11	20	34	2.65	.14	<10	.74	586	<1	.02	12	650	16	5	<20	37	.12	<10	66	<10	10	92
353 - 256	L49600E	50800 N	<5	<.2	1.20	30	6	70	<5	.27	<1	10	16	9	2.16	.05	<10	.47	253	<1	<0.01	8	370	12	<5	<20	19	.13	<10	60	<10	5	68
353 - 257	L49600E	50840 N	5	.8	2.14	60	6	155	<5	.69	<1	14	27	90	3.31	.16	10	.74	790	<1	<0.01	23	540	24	5	<20	55	.12	<10	67	<10	18	149
- 258	L49600E	50880 N	<5	.2	1.36	35	6	90	<5	.44	<1	14	22	21	2.56	.09	<10	.59	580	<1	.01	12	340	16	<5	<20	33	.14	<10	64	<10	9	83
353 - 259	L49600E	50920 N	<5	.2	1.53	45	6	70	<5	.26	<1	13	20	11	3.22	.06	<10	.57	367	<1	<0.01	10	940	16	<5	<20	23	.14	<10	80	<10	3	136
353 - 260	L49600E	50960 N	<5	.2	1.62	40	6	90	<5	.45	<1	13	19	16	2.72	.13	<10	.69	479	<1	<0.01	12	350	16	<5	<20	34	.15	<10	67	<10	6	90
353 - 261	L49600E	51000 N	<5	<.2	1.10	40	6	75	<5	.24	<1	11	17	11	2.70	.06	<10	.45	483	<1	<0.01	9	1040	12	<5	<20	20	.11	<10	69	<10	3	89
353 - 262	L49700E	49920 N	80	6.0	1.52	70	4	120	35	.20	<1	16	26	337	5.02	.08	<10	.66	496	9	<0.01	14	910	178	15	<20	28	.08	<10	83	<10	<1	298
353 - 263	L49700E	49960 N	45	.8	2.06	45	6	250	<5	.37	3	37	37	333	5.01	.15	<10	.83	2075	4	<0.01	21	870	22	5	<20	65	.13	<10	105	<10	2	379

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 264	L49700E	50000 N	160	1.8	1.03	35	6	70	<5	.20	<1	12	19	426	3.63	.10	<10	.41	323	7	<0.01	9	510	34	10	<20	17	.09	<10	66	<10	<1	105
353 - 265	L49700E	50040 N	<5	.2	1.03	20	6	75	<5	.22	<1	12	17	18	2.51	.06	<10	.35	382	1	<0.01	7	790	12	<5	<20	16	.13	<10	62	<10	3	160
353 - 266	L49700E	50080 N	<5	.2	1.43	25	6	95	<5	.27	<1	13	20	26	2.84	.07	<10	.52	340	<1	<0.01	10	800	10	<5	<20	23	.15	<10	75	<10	5	76
353 - 267	L49700E	50120 N	<5	<.2	1.25	20	6	70	<5	.30	<1	12	21	13	2.32	.06	<10	.39	254	<1	<0.01	11	600	6	<5	<20	23	.14	<10	61	<10	5	44
353 - 268	L49700E	50160 N	<5	.2	1.41	20	6	85	<5	.68	<1	10	16	20	2.07	.02	<10	.48	271	<1	<0.01	10	520	8	<5	<20	69	.10	<10	55	<10	7	66
353 - 269	L49700E	50200 N	<5	<.2	1.17	20	6	60	<5	.22	<1	12	18	11	2.51	.07	<10	.41	314	<1	<0.01	8	470	10	<5	<20	19	.15	<10	70	<10	5	70
353 - 270	L49700E	50240 N	<5	<.2	.70	20	6	55	<5	.24	<1	9	16	8	2.14	.07	<10	.26	289	<1	<0.01	6	450	8	<5	<20	18	.14	<10	63	<10	4	54
353 - 271	L49700E	50280 N	<5	<.2	1.25	35	6	75	<5	.29	<1	15	20	34	3.42	.07	<10	.44	370	1	<0.01	11	720	12	5	<20	23	.15	<10	82	<10	4	112
353 - 272	L49700E	50320 N	5	1.0	1.35	25	6	125	<5	.36	<1	15	16	52	2.74	.09	<10	.50	783	<1	<0.01	9	560	14	<5	<20	28	.11	<10	58	<10	7	128
353 - 273	L49700E	50360 N	<5	.2	1.17	20	4	75	<5	.28	<1	11	15	16	2.28	.04	<10	.47	564	1	<0.01	7	540	8	<5	<20	19	.12	<10	69	<10	4	75
353 - 274	L49700E	50400 N	<5	.4	.66	15	6	115	<5	.36	2	18	17	16	2.11	.08	<10	.27	1827	<1	<0.01	6	830	6	<5	<20	32	.12	<10	59	<10	3	144
353 - 275	L49800E	49000 N	<5	<.2	1.08	50	6	50	<5	.18	<1	11	22	12	2.94	<0.01	<10	.35	212	<1	<0.01	11	750	8	<5	<20	12	.10	<10	77	<10	2	31
353 - 276	L49800E	49120 N	10	.4	1.53	100	6	110	<5	.16	<1	13	22	55	3.61	<0.01	<10	.41	223	<1	<0.01	14	1210	28	5	<20	15	.07	<10	67	<10	<1	68
353 - 277	L49800E	49160 N	5	.4	1.46	105	4	155	<5	.30	<1	15	23	122	4.51	.02	<10	.41	599	<1	<0.01	12	1130	20	10	<20	29	.04	<10	70	<10	<1	82
353 - 278	L49800E	49200 N	<5	<.2	1.09	25	4	55	<5	.19	<1	10	18	8	2.63	.02	<10	.25	460	<1	<0.01	7	1800	6	<5	<20	14	.08	<10	62	<10	1	47
353 - 279	L49800E	49240 N	<5	<.2	1.01	20	6	70	<5	.26	<1	10	21	40	2.36	.04	<10	.35	247	<1	<0.01	10	700	4	<5	<20	18	.12	<10	64	<10	4	28
353 - 280	L49800E	49280 N	<5	.2	1.22	10	6	45	<5	.17	<1	9	19	6	1.98	.03	<10	.24	151	<1	<0.01	8	1190	2	<5	<20	14	.10	<10	47	<10	3	25
353 - 281	L49800E	49320 N	<5	<.2	1.54	10	6	65	<5	.18	<1	9	18	7	2.11	.02	<10	.29	249	<1	<0.01	9	1590	2	<5	<20	15	.10	<10	49	<10	4	34
353 - 282	L49800E	49360 N	<5	<.2	1.10	10	4	65	<5	.20	<1	9	18	7	1.87	.03	<10	.28	217	<1	<0.01	9	780	2	<5	<20	21	.10	<10	49	<10	4	25
353 - 283	L49800E	49400 N	15	.2	1.31	20	6	50	<5	.12	<1	10	16	13	2.42	.02	<10	.28	163	<1	<0.01	9	870	6	<5	<20	11	.09	<10	55	<10	2	38
353 - 284	L49800E	49440 N	20	.6	1.73	40	4	110	<5	.10	<1	17	18	33	3.30	.02	<10	.39	244	<1	<0.01	11	980	10	<5	<20	14	.09	<10	61	<10	<1	67
353 - 285	L49800E	49520 N	75	1.2	1.68	95	4	70	<5	.06	<1	10	14	31	6.12	.12	<10	.49	261	<1	.06	6	1460	24	5	<20	90	.09	<10	75	<10	<1	30
353 - 286	L49800E	49560 N	125	2.8	1.25	180	4	95	10	.11	<1	17	26	145	7.07	<0.01	<10	.46	309	<1	.01	9	1360	68	55	<20	35	.04	<10	81	<10	<1	45
353 - 287	L49800E	50000 N	15	.8	1.18	20	4	70	<5	.19	<1	13	21	209	2.87	.06	<10	.43	409	2	<0.01	11	370	10	<5	<20	15	.10	<10	71	<10	1	84
353 - 288	L49800E	50040 N	20	.4	.84	20	6	60	<5	.23	<1	9	13	80	2.02	.05	<10	.29	286	1	<0.01	7	350	6	<5	<20	20	.09	<10	52	<10	2	53
353 - 289	L49800E	50080 N	10	.4	1.29	15	4	100	<5	.39	<1	10	21	151	2.42	.10	<10	.65	304	<1	<0.01	10	480	2	<5	<20	38	.14	<10	70	<10	6	47
353 - 290	L49800E	50120 N	<5	.2	1.14	10	4	55	<5	.27	<1	8	16	32	1.85	.04	<10	.40	184	<1	<0.01	7	440	<2	<5	<20	22	.12	<10	51	<10	5	27
353 - 291	L49800E	50160 N	15	.6	.98	20	4	70	<5	.31	<1	9	15	107	2.09	.05	<10	.36	251	2	<0.01	8	520	16	5	<20	28	.11	<10	48	<10	5	41
353 - 292	L49800E	50200 N	20	.6	.94	10	6	65	<5	.22	<1	7	13	33	1.74	.05	<10	.35	175	<1	<0.01	7	370	6	<5	<20	17	.11	<10	48	<10	5	44
353 - 293	L49800E	50240 N	<5	.4	1.13	15	6	90	<5	.26	<1	10	15	47	2.22	.07	<10	.41	265	1	<0.01	9	490	2	<5	<20	21	.11	<10	62	<10	5	48
353 - 294	L49800E	50280 N	10	.6	1.07	30	6	105	<5	.28	<1	14	17	125	3.32	.07	<10	.45	617	2	<0.01	9	510	14	5	<20	24	.09	<10	74	<10	3	75
353 - 295	L49800E	50320 N	<5	.6	1.14	15	6	90	<5	.30	<1	10	17	13	2.21	.05	<10	.37	227	<1	<0.01	9	580	4	<5	<20	23	.13	<10	61	<10	6	44
353 - 296	L49800E	50360 N	<5	.6	.97	35	4	85	<5	.47	<1	12	16	172	2.65	.13	<10	.50	549	4	<0.01	8	810	16	5	<20	35	.09	<10	58	<10	7	60

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 371	L50200E	51000 N	<5	.4	2.16	20	6	115	<5	.34	2	17	20	20	2.68	.07	<10	.46	1537	<1	<0.01	19	870	12	<5	<20	22	.08	<10	58	<10	2	142
353 - 372	L50300E	49760 N	<5	<.2	.87	20	4	80	<5	.25	<1	10	10	17	2.91	.03	<10	.32	289	<1	<0.01	9	634	10	<5	<20	14	.05	<10	69	<10	<1	97
353 - 373	L50300E	49800 N	35	.2	1.39	30	8	120	<5	.49	<1	18	26	197	4.05	.08	<10	.56	561	3	<0.01	17	770	30	5	<20	29	.10	<10	87	<10	<1	205
353 - 374	L50300E	49840 N	115	.8	1.62	35	6	115	<5	.15	<1	15	28	179	4.99	.05	<10	.58	229	6	<0.01	13	980	40	5	<20	19	.09	<10	85	<10	<1	250
353 - 375	L50300E	49880 N	20	.6	1.89	20	4	100	<5	.16	<1	10	29	334	4.25	.05	10	.65	365	6	<0.01	16	850	40	5	<20	15	.09	<10	89	<10	<1	170
353 - 376	L50300E	49920 N	40	.2	2.68	45	6	115	<5	.19	<1	23	45	709	5.56	.06	10	1.01	574	12	<0.01	23	1120	50	15	<20	14	.10	<10	103	<10	<1	200
353 - 377	L50300E	49960 N	5	.4	2.04	15	4	110	<5	.16	<1	15	31	171	3.11	.05	<10	.64	379	3	<0.01	15	880	20	<5	<20	12	.07	<10	84	<10	<1	160
353 - 378	L50300E	50000 N	<5	<.2	1.48	10	6	65	<5	.18	<1	12	16	19	2.42	.03	<10	.29	253	1	<0.01	10	1390	12	<5	<20	12	.11	<10	55	<10	4	60
353 - 379	L50300E	50040 N	20	<.2	1.52	15	6	100	<5	.21	<1	13	25	247	2.95	.05	<10	.50	295	4	<0.01	14	710	10	5	<20	16	.13	<10	66	<10	4	67
353 - 380	L50300E	50080 N	<5	<.2	1.03	<5	4	45	<5	.16	<1	4	11	87	1.20	.04	<10	.10	135	1	<0.01	5	770	24	<5	<20	11	.06	<10	30	<10	2	52
353 - 381	L50300E	50120 N	<5	<.2	1.46	5	6	165	<5	.23	<1	7	16	180	1.64	.02	<10	.45	203	3	<0.01	8	390	24	5	<20	17	.08	<10	49	<10	4	54
353 - 382	L50300E	50160 N	<5	<.2	1.31	10	8	60	<5	.30	<1	13	24	34	2.63	.07	10	.42	309	<1	<0.01	9	680	12	<5	<20	20	.17	<10	66	<10	8	59
353 - 383	L50300E	50200 N	<5	<.2	1.34	10	6	55	<5	.24	<1	11	21	12	2.47	.03	<10	.33	214	<1	<0.01	9	900	10	<5	<20	15	.15	<10	64	<10	6	56
353 - 384	L50300E	50240 N	<5	<.2	1.38	10	6	90	<5	.38	<1	12	22	14	2.62	.03	10	.37	226	<1	<0.01	11	780	10	<5	<20	27	.15	<10	72	<10	7	51
353 - 385	L50400E	50000 N	<5	<.2	1.15	15	8	85	<5	.22	<1	13	20	48	2.79	.05	10	.38	395	<1	<0.01	10	620	12	<5	<20	17	.10	<10	60	<10	3	60
353 - 386	L50400E	50040 N	<5	<.2	1.75	10	6	95	<5	.22	<1	16	27	163	3.27	.04	10	.52	485	2	<0.01	15	1180	20	5	<20	15	.12	<10	73	<10	4	80
353 - 387	L50400E	50080 N	360	.6	1.62	30	6	90	<5	.14	<1	15	23	137	4.03	.04	10	.40	246	5	<0.01	12	830	30	5	<20	14	.08	<10	82	<10	<1	223
353 - 388	L50400E	50120 N	1310	>30	2.64	105	2	150	<5	.22	2	10	32	760	6.01	.09	20	.93	430	14	.01	19	1170	2320	270	<20	21	.12	<10	102	<10	<1	891
353 - 389	L50400E	50160 N	170	>30	2.22	35	4	105	<5	.17	<1	22	30	324	5.27	.06	10	.74	457	8	<0.01	18	980	360	45	<20	16	.10	<10	95	<10	<1	296
353 - 390	L50400E	50200 N	80	.4	2.10	35	4	105	<5	.22	<1	16	32	358	4.44	.07	10	.79	340	10	<0.01	19	2150	30	10	<20	14	.10	<10	78	<10	<1	149
353 - 391	L50400E	50240 N	<5	.2	1.22	10	6	70	<5	.39	<1	10	20	74	2.38	.04	<10	.53	331	2	<0.01	10	420	20	<5	<20	22	.13	<10	54	<10	5	81
353 - 392	L50400E	50280 N	<5	<.2	1.43	15	6	115	<5	.23	<1	14	24	219	2.98	.05	10	.45	266	2	<0.01	15	800	14	<5	<20	16	.12	<10	68	<10	4	64
353 - 393	L50400E	50320 N	20	.2	1.78	35	6	155	<5	.34	<1	20	27	328	4.78	.21	20	.82	572	6	<0.01	16	960	30	10	<20	23	.14	<10	86	<10	6	85
353 - 394	L50400E	50380 N	<5	<.2	.98	5	6	55	<5	.30	<1	8	18	12	1.63	.03	<10	.25	196	<1	<0.01	6	520	10	<5	<20	23	.11	<10	47	<10	6	34
353 - 395	L50400E	50400 N	10	.8	2.07	5	16	178	<5	2.32	1	15	23	98	3.16	.14	20	1.00	1425	1	<0.01	16	1479	16	5	<20	152	.09	<10	72	<10	10	105
353 - 396	L50400E	50440 N	<5	<.2	1.27	<5	6	113	<5	1.14	<1	8	20	47	1.68	.05	10	.48	243	<1	<0.01	8	754	12	<5	<20	71	.10	<10	43	<10	10	58
353 - 397	L50400E	50540 N	<5	<.2	1.05	10	8	85	<5	.61	<1	9	22	14	2.21	.03	10	.38	246	<1	<0.01	8	730	10	<5	<20	37	.14	<10	55	<10	10	34
353 - 398	L50400E	50560 N	<5	<.2	1.25	5	6	95	<5	.62	<1	12	22	13	2.21	.05	10	.38	624	<1	<0.01	9	500	10	<5	<20	34	.14	<10	60	<10	9	41
353 - 399	L50400E	50600 N	<5	<.2	1.14	5	6	65	<5	.31	<1	11	21	15	2.39	.07	10	.51	300	<1	<0.01	8	380	10	5	<20	25	.16	<10	63	<10	9	34
353 - 400	L50400E	50640 N	<5	<.2	1.27	10	6	80	<5	.35	<1	12	22	11	2.48	.07	10	.51	330	<1	<0.01	10	710	12	<5	<20	26	.17	<10	65	<10	10	45
353 - 401	L50400E	50680 N	<5	<.2	.97	10	6	80	<5	.41	<1	10	25	19	2.37	.05	20	.36	252	<1	<0.01	10	690	12	<5	<20	29	.16	<10	63	<10	11	35
353 - 402	L50400E	50720 N	<5	<.2	1.05	5	8	65	<5	.24	<1	10	20	11	2.12	.04	10	.32	238	<1	<0.01	9	610	12	<5	<20	16	.12	<10	55	<10	6	32
353 - 403	L50400E	50800 N	<5	.8	1.51	<5	6	90	<5	.82	<1	10	15	33	2.35	.04	10	.56	307	<1	<0.01	9	380	24	<5	<20	80	.10	<10	58	<10	9	42
353 - 404	L50400E	50840 N	<5	<.2	1.19	5	6	105	<5	.23	<1	9	14	11	1.84	.03	<10	.38	217	<1	<0.01	10	580	8	<5	<20	21	.09	<10	42	<10	4	32
353 - 405	L50400E	50880 N	<5	<.2	1.66	25	6	125	<5	.46	<1	15	23	18	3.17	.10	10	.68	681	<1	<0.01	14	510	20	5	<20	34	.10	<10	79	<10	3	88
353 - 406	L50400E	50920 N	<5	<.2	1.32	10	6	60	<5	.39	<1	13	20	16	2.76	.05	10	.53	315	<1	<0.01	10	480	16	<5	<20	23	.12	<10	69	<10	5	37

PAGE 13

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 407	L50400E	50960 N	<5	<.2	1.54	10	6	60	<5	.38	<1	12	20	17	2.71	.04	10	.52	303	<1	<0.01	10	580	12	<5	<20	26	.11	<10	69	<10	4	40
353 - 408	L50400E	51000 N	<5	<.2	4.24	<5	8	85	<5	1.03	<1	27	25	70	4.53	.07	10	1.35	880	1	<0.01	16	1220	16	10	<20	50	.26	<10	134	<10	10	80
353 - 409	L50500E	49760 N	<5	<.2	1.97	<5	6	85	<5	.26	<1	14	21	24	2.93	.05	10	.36	321	<1	<0.01	14	1440	14	<5	<20	17	.11	<10	65	<10	4	70
353 - 410	L50500E	49800 N	<5	<.2	1.66	20	6	80	<5	.20	<1	13	22	17	2.64	.03	10	.34	200	<1	<0.01	16	1200	12	<5	<20	13	.11	<10	60	<10	4	54
353 - 411	L50500E	49840 N	<5	<.2	1.36	30	6	85	<5	.15	<1	15	24	98	3.58	.04	10	.41	562	3	<0.01	12	500	40	5	<20	13	.08	<10	69	<10	<1	96
353 - 412	L50500E	49880 N	<5	.4	1.51	20	6	75	<5	.14	<1	14	27	143	3.17	.04	10	.39	284	4	<0.01	21	760	34	5	<20	11	.09	<10	63	<10	2	97
353 - 413	L50500E	49920 N	<5	.6	1.54	15	4	70	<5	.13	<1	13	30	267	2.68	.03	10	.36	209	9	<0.01	23	870	36	5	<20	10	.07	<10	52	<10	2	106
353 - 414	L50500E	49960 N	<5	.4	1.45	15	6	65	<5	.15	<1	11	25	255	2.67	.03	10	.40	217	6	<0.01	14	880	28	<5	<20	11	.11	<10	58	<10	4	69
353 - 415	L50500E	50000 N	30	3.0	2.08	15	6	120	<5	.21	<1	17	37	799	3.49	.04	10	.68	412	14	<0.01	21	1200	60	10	<20	14	.08	<10	77	<10	1	145
353 - 416	L50500E	50040 N	10	.8	1.62	5	6	150	<5	.23	<1	14	24	390	3.06	.04	10	.43	305	3	<0.01	14	820	18	5	<20	14	.12	<10	69	<10	5	64
353 - 417	L50500E	50080 N	<5	.8	2.17	10	8	165	<5	.14	<1	15	12	182	3.55	.17	10	.73	438	5	.01	11	970	24	5	<20	16	.16	<10	69	<10	3	139
353 - 418	L50500E	50120 N	50	.4	1.62	20	4	90	<5	.17	<1	15	24	211	3.56	.05	10	.52	806	5	<0.01	13	930	34	<5	<20	11	.05	<10	76	<10	<1	180
353 - 419	L50500E	50160 N	25	.2	2.03	30	4	150	<5	.23	<1	21	37	511	4.99	.08	10	.79	528	11	<0.01	21	940	54	10	<20	23	.09	<10	95	<10	<1	162
353 - 420	L50600E	50000 N	15	.2	1.80	<5	8	95	<5	.23	<1	11	23	442	2.23	.04	10	.50	235	6	<0.01	14	850	32	5	<20	13	.13	<10	51	<10	7	72
353 - 421	L50600E	50040 N	50	.4	1.57	10	6	75	<5	.20	<1	13	26	520	3.45	.04	10	.48	418	6	<0.01	15	930	32	10	<20	13	.10	<10	69	<10	2	89
353 - 422	L50600E	50060 N	<5	<.2	1.15	10	8	90	<5	.25	<1	10	18	45	2.35	.04	10	.40	229	<1	<0.01	11	810	8	<5	<20	15	.09	<10	57	<10	5	34
353 - 423	L50600E	50120 N	5	.4	1.75	10	6	85	<5	.14	<1	14	21	111	2.96	.05	10	.37	253	2	<0.01	14	1370	22	<5	<20	12	.11	<10	61	<10	3	132
353 - 424	L50600E	50160 N	10	<.2	1.47	5	6	75	<5	.20	<1	12	23	55	2.49	.05	10	.34	336	<1	<0.01	13	950	12	<5	<20	14	.14	<10	59	<10	7	65
353 - 425	L50600E	50200 N	<5	<.2	1.67	10	6	85	<5	.16	<1	15	22	132	2.94	.05	10	.40	431	2	<0.01	18	1050	20	5	<20	12	.11	<10	61	<10	3	78
353 - 426	L50600E	50240 N	15	<.2	1.83	5	6	90	<5	.16	<1	15	23	121	2.80	.04	10	.39	246	2	<0.01	15	710	20	5	<20	12	.11	<10	56	<10	4	65
353 - 427	L50600E	50280 N	5	<.2	1.28	10	6	100	<5	.22	<1	13	21	67	2.52	.04	10	.37	350	1	<0.01	14	780	12	<5	<20	14	.10	<10	60	<10	4	50
353 - 428	L50600E	50320 N	145	1.8	2.63	35	6	140	<5	.31	<1	23	35	621	5.10	.06	20	.98	610	10	<0.01	21	1970	58	10	<20	17	.10	<10	100	<10	2	196
353 - 429	L50600E	50360 N	60	.4	1.95	20	6	135	<5	.17	<1	18	38	379	4.29	.07	10	.77	282	7	<0.01	19	630	36	10	<20	16	.09	<10	86	<10	<1	195
353 - 430	L50600E	50400 N	20	1.6	1.91	20	6	145	<5	.86	<1	20	33	308	3.65	.11	10	.91	910	3	<0.01	17	580	50	5	<20	60	.12	<10	92	<10	5	288
353 - 431	L50600E	50500 N	10	<.2	1.53	15	6	170	<5	.63	<1	20	29	296	3.12	.11	10	.78	1210	3	<0.01	20	420	22	5	<20	46	.12	<10	69	<10	5	118
353 - 432	L50600E	50560 N	35	.8	2.24	35	8	150	<5	.54	<1	24	32	704	5.45	.22	20	1.31	680	11	<0.01	22	1060	56	15	<20	51	.11	<10	104	<10	2	173
353 - 433	L50600E	50680 N	<5	<.2	1.50	5	6	90	<5	.29	<1	11	19	24	2.70	.06	10	.42	226	<1	<0.01	8	740	12	5	<20	17	.10	<10	63	<10	4	47
353 - 434	L50600E	50720 N	<5	<.2	1.54	<5	6	70	<5	.19	<1	9	14	13	2.26	.04	9	.33	270	<1	<0.01	9	1094	13	<5	<20	11	.07	<10	51	<10	2	52
353 - 435	L50600E	50760 N	<5	<.2	1.29	10	6	95	<5	.54	<1	10	19	17	2.18	.03	10	.49	239	<1	.02	9	470	12	<5	<20	36	.12	<10	57	<10	9	35
353 - 436	L50600E	50800 N	<5	<.2	1.13	10	8	95	<5	.29	<1	11	20	25	2.46	.06	10	.40	276	<1	<0.01	12	780	10	5	<20	18	.10	<10	59	<10	5	35
353 - 437	L50600E	50840 N	<5	<.2	1.34	10	4	95	<5	.46	<1	13	20	29	3.02	.07	10	.50	450	<1	<0.01	10	610	18	5	<20	22	.08	<10	72	<10	2	71
353 - 438	L50600E	50880 N	<5	<.2	2.50	<5	8	110	<5	.27	<1	19	9	28	4.19	.21	10	1.71	447	<1	.01	5	530	12	10	<20	18	.16	<10	132	<10	4	90
353 - 439	L50600E	50920 N	10	<.2	1.54	25	6	75	<5	.27	<1	14	23	12	3.38	.05	10	.56	428	<1	<0.01	11	660	16	<5	<20	19	.08	<10	87	<10	<1	110
353 - 440	L50600E	50960 N	<5	<.2	2.01	5	6	125	<5	.58	<1	14	18	35	3.72	.06	10	.64	501	<1	.01	12	360	12	10	<20	67	.07	<10	82	<10	<1	70
353 - 441	L50600E	51000 N	<5	<.2	1.60	15	4	105	<5	.40	<1	11	19	13	3.68	.07	10	.47	299	<1	<0.01	8	440	14	<5	<20	48	.05	<10	94	<10	<1	138
353 - 442	L50800E	49520 N	<5	.4	1.84	80	6	120	<5	.20	<1	16	36	44	5.62	.03	20	.50	621	<1	.01	16	1390	30	10	<20	39	.12	<10	130	<10	<1	109

PAGE 14	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 443	L50800E	49600 N	10	<.2	1.57	25	6	50	<5	.18	<1	12	23	28	3.64	.02	10	.40	451	<1	<0.01	16	1320	12	5	<20	29	.09	<10	83	<10	<1	69
353 - 444	L50800E	49640 N	<5	<.2	1.39	40	6	55	<5	.23	<1	12	21	38	3.36	.03	10	.44	483	<1	<0.01	13	1450	14	<5	<20	30	.09	<10	75	<10	<1	64
353 - 445	L50800E	49680 N	<5	<.2	1.39	10	8	55	<5	.19	<1	11	25	13	2.94	.03	10	.35	220	<1	<0.01	14	900	6	5	<20	31	.13	<10	76	<10	3	35
353 - 446	L50800E	49720 N	<5	<.2	1.80	15	6	55	<5	.22	<1	12	24	26	3.28	.04	10	.49	236	<1	<0.01	16	1290	10	5	<20	32	.12	<10	76	<10	2	56
353 - 447	L50800E	49760 N	<5	<.2	1.31	15	6	35	<5	.18	<1	10	24	13	3.18	.02	10	.25	234	<1	<0.01	10	1230	6	5	<20	29	.10	<10	79	<10	2	76
353 - 448	L50800E	49800 N	<5	<.2	1.32	15	8	45	<5	.23	<1	9	18	26	2.54	.02	10	.35	224	<1	<0.01	13	1260	6	5	<20	32	.08	<10	59	<10	1	37
353 - 449	L50800E	49840 N	<5	<.2	1.36	15	6	65	<5	.22	<1	11	23	34	2.77	.04	10	.37	310	<1	<0.01	15	910	10	5	<20	30	.09	<10	62	<10	<1	54
353 - 450	L50800E	49880 N	10	<.2	1.12	20	8	60	<5	.33	<1	13	23	130	3.56	.06	20	.48	343	2	<0.01	12	690	14	10	<20	39	.13	<10	71	<10	5	59
353 - 451	L50800E	49920 N	<5	1.2	1.48	10	6	85	<5	.22	<1	12	21	95	2.86	.06	10	.35	299	3	<0.01	14	560	62	10	<20	33	.11	<10	61	<10	1	191
353 - 452	L50800E	49960 N	5	<.2	1.43	10	6	65	<5	.25	<1	13	22	108	2.99	.06	10	.41	387	2	<0.01	13	700	16	10	<20	37	.12	<10	63	<10	2	62
353 - 453	L50800E BL	50000 N	<5	<.2	1.85	<5	6	90	<5	.18	<1	13	26	226	2.97	.06	10	.50	228	2	.01	17	460	16	10	<20	36	.13	<10	67	<10	3	51
353 - 454	L50800E	50040 N	5	<.2	1.82	5	6	50	<5	.14	<1	12	29	283	3.12	.04	10	.42	193	2	<0.01	16	820	16	5	<20	30	.12	<10	65	<10	2	63
353 - 455	L50800E	50080 N	40	<.2	1.44	5	6	100	<5	.35	<1	9	23	444	2.73	.06	20	.52	281	2	<0.01	13	700	18	5	<20	40	.12	<10	62	<10	6	65
353 - 456	L50800E	50120 N	<5	.4	.96	20	8	50	<5	.39	<1	9	39	22	2.37	.04	10	.36	257	<1	<0.01	13	690	2	5	<20	39	.09	<10	59	<10	6	36
353 - 457	L50800E	50240 N	<5	<.2	1.48	10	8	70	<5	.32	<1	11	21	26	2.57	.05	10	.40	287	<1	<0.01	14	1020	8	5	<20	38	.11	<10	60	<10	4	45
353 - 458	L50800E	50280 N	<5	<.2	1.08	10	8	55	<5	.32	<1	9	20	14	2.05	.05	10	.35	210	<1	<0.01	10	530	4	5	<20	39	.14	<10	53	<10	7	30
353 - 459	L50800E	50320 N	<5	<.2	1.11	15	8	65	<5	.44	<1	10	22	37	2.47	.07	20	.49	303	<1	.01	12	680	10	10	<20	45	.16	<10	62	<10	8	49
353 - 460	L50800E	50360 N	<5	.3	2.14	5	8	85	<5	.25	<1	13	27	34	3.36	.04	20	.41	224	<1	<0.01	15	1560	12	5	<20	37	.13	<10	80	<10	3	59
353 - 461	L50800E	50400 N	<5	.4	1.02	15	8	75	<5	.51	<1	11	21	91	2.44	.08	20	.47	311	<1	.01	12	830	10	5	<20	46	.13	<10	63	<10	7	57
353 - 462	L50800E	50440 N	<5	<.2	1.30	15	8	80	<5	.27	<1	11	23	68	2.74	.05	10	.39	259	<1	<0.01	13	760	10	10	<20	35	.13	<10	67	<10	4	42
353 - 463	L50800E	50480 N	<5	<.2	1.43	<5	8	55	<5	.23	<1	10	17	56	2.20	.05	10	.38	230	<1	<0.01	17	1010	6	5	<20	33	.11	<10	50	<10	3	42
353 - 464	L50800E	50520 N	<5	.8	2.16	20	6	65	<5	.20	<1	17	30	234	4.56	.04	20	.61	292	4	<0.01	18	1450	28	10	<20	32	.10	<10	94	<10	<1	130
353 - 465	L50800E	50560 N	<5	.4	1.46	15	8	75	<5	.31	<1	13	24	120	3.27	.05	10	.45	264	<1	<0.01	15	840	14	5	<20	41	.12	<10	76	<10	2	94
353 - 466	L50800E	50600 N	<5	<.2	1.57	135	8	65	<5	.26	<1	11	22	30	2.64	<0.01	10	.41	351	<1	<0.01	15	1070	10	5	<20	32	.11	<10	61	<10	3	67
353 - 467	L50800E	50640 N	<5	.2	1.10	10	8	70	<5	.59	<1	10	22	25	2.41	.04	20	.39	307	<1	.01	12	800	6	5	<20	61	.14	<10	61	<10	6	46
353 - 468	L50800E	50720 N	<5	1.0	1.36	<5	6	80	<5	.60	<1	8	17	11	2.10	.04	10	.32	231	<1	<0.01	9	840	8	5	<20	58	.12	<10	55	<10	4	45
353 - 469	L50800E	50760 N	<5	<.2	1.45	5	6	65	<5	.31	<1	10	20	20	2.53	.04	10	.36	242	<1	<0.01	11	700	8	5	<20	37	.12	<10	63	<10	3	48
353 - 470	L50800E	50800 N	<5	<.2	1.80	<5	6	80	<5	.34	<1	11	21	18	2.82	.06	10	.43	303	<1	<0.01	12	840	12	5	<20	37	.12	<10	68	<10	3	61
353 - 471	L50800E	50840 N	<5	1.2	1.81	<5	6	85	<5	.37	<1	11	21	21	2.75	.04	10	.46	242	<1	<0.01	11	640	14	5	<20	41	.15	<10	69	<10	5	49
353 - 472	L50800E	50880 N	<5	<.2	1.46	<5	6	45	<5	.34	<1	8	17	10	2.29	.04	10	.32	275	<1	<0.01	8	910	10	5	<20	37	.13	<10	60	<10	4	50
353 - 473	L50800E	50920 N	<5	1.0	1.82	5	6	85	<5	.36	<1	12	22	14	2.71	.06	10	.49	304	<1	<0.01	12	510	8	<5	<20	42	.16	<10	68	<10	5	44
353 - 474	L50800E	50960 N	<5	.4	1.98	<5	6	55	<5	.36	<1	12	24	12	2.87	.05	10	.40	242	<1	<0.01	12	670	10	5	<20	41	.16	<10	74	<10	5	47
353 - 475	L50800E	51000 N	<5	1.2	1.49	<5	8	105	<5	.97	<1	10	20	20	2.45	.05	20	.64	310	<1	.02	10	730	6	10	<20	92	.13	<10	60	<10	8	45
353 - 476	L51000E+ 10ME	49960 N	<5	.6	1.07	10	10	75	<5	.67	<1	12	23	59	2.54	.06	20	.43	402	<1	.02	12	840	10	5	<20	57	.15	<10	66	<10	10	49
353 - 477	L51200E	50000 N	<5	.2	1.04	10	8	65	<5	.52	<1	9	22	142	2.29	.05	20	.41	265	1	.01	11	780	6	5	<20	46	.15	<10	59	<10	8	38
353 - 478	L51200E	50040 N	<5	<.2	1.13	10	8	80	<5	.55	<1	10	20	15	2.28	.05	20	.37	2104	2	<0.01	11	710	2	5	<20	62	.14	<10	60	<10	6	39

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 479	L51200E	50080 N	10	<.2	1.07	130	10	110	<5	.69	<1	16	20	89	4.71	.05	20	.57	1108	2	.02	12	840	12	5	<20	66	.13	<10	65	<10	6	68
353 - 480	L51200E	50120 N	35	<.2	1.28	105	8	75	<5	.66	1	20	25	182	3.69	.15	20	.67	546	2	.01	22	840	34	10	<20	53	.12	<10	70	<10	10	147
353 - 481	L51200E	50160 N	<5	<.2	1.41	10	8	95	<5	.24	<1	12	17	22	2.37	.05	10	.37	845	<1	<0.01	14	680	10	5	<20	35	.13	<10	56	<10	3	149
353 - 482	L51200E	50200 N	<5	<.2	1.70	15	6	70	<5	.25	<1	12	22	17	2.96	.04	10	.41	260	<1	<0.01	16	1180	10	5	<20	33	.13	<10	70	<10	3	73
353 - 483	L51200E	50240 N	<5	<.2	1.88	25	6	75	<5	.24	<1	13	23	44	3.09	.04	20	.49	292	<1	<0.01	17	1360	18	5	<20	34	.12	<10	67	<10	2	95
353 - 484	L51200E	50280 N	<5	<.2	1.44	20	8	75	<5	.23	<1	11	23	35	2.70	.05	10	.40	252	<1	<0.01	15	930	12	<5	<20	32	.12	<10	64	<10	3	61
353 - 485	L51200E	50320 N	35	<.2	2.02	180	6	135	<5	.21	<1	25	31	196	4.89	.11	20	.85	544	2	<0.01	29	930	56	15	<20	38	.09	<10	75	<10	<1	169
53 - 486	L51200E	50360 N	5	.4	1.94	75	6	115	<5	.22	<1	17	25	62	3.28	.09	<10	.65	668	<1	<0.01	22	1120	34	<5	<20	15	.11	<10	66	<10	2	244
353 - 487	L51200E	50400 N	<5	.6	1.69	35	4	80	<5	.20	<1	13	20	25	2.64	.04	<10	.44	287	<1	<0.01	13	900	26	<5	<20	13	.12	<10	62	<10	3	136
353 - 488	L51200E	50440 N	30	.6	1.78	90	6	105	<5	.23	<1	17	28	95	3.43	.12	<10	.71	355	<1	<0.01	19	630	32	<5	<20	19	.13	<10	70	<10	3	111
353 - 489	L51200E	50480 N	10	<.2	2.08	65	4	155	<5	.25	<1	17	25	45	3.33	.07	<10	.70	361	<1	<0.01	18	730	30	<5	<20	20	.14	<10	72	<10	4	113
353 - 490	L51200E	50520 N	<5	.4	2.16	80	4	100	<5	.24	<1	18	24	78	3.72	.08	<10	.76	604	<1	<0.01	17	1040	40	<5	<20	18	.12	<10	75	<10	2	222
353 - 491	L51200E	50560 N	<5	.6	1.76	40	4	75	<5	.30	<1	15	19	40	2.91	.07	<10	.47	412	<1	<0.01	11	800	28	<5	<20	22	.12	<10	64	<10	4	128
353 - 492	L51200E	50600 N	<5	<.2	1.31	30	6	65	<5	.40	<1	13	22	29	3.30	.07	<10	.48	464	<1	<0.01	15	1880	14	<5	<20	21	.09	<10	81	<10	3	67
353 - 493	L51200E	50640 N	5	<.2	2.05	30	4	90	<5	.23	<1	12	18	37	2.78	.04	<10	.46	254	<1	<0.01	12	640	20	<5	<20	17	.11	<10	60	<10	4	43
353 - 494	L51200E	50680 N	<5	<.2	1.55	30	6	105	<5	.53	<1	13	23	52	3.34	.08	<10	.51	261	<1	<0.01	14	960	16	<5	<20	28	.09	<10	81	<10	5	67
353 - 495	L51200E	50720 N	<5	.6	1.96	30	4	105	<5	.22	<1	18	18	71	3.90	.09	<10	.64	347	<1	<0.01	11	860	22	<5	<20	16	.11	<10	93	<10	<1	211
353 - 496	L51200E	50760 N	<5	.4	1.65	30	4	90	<5	.26	<1	15	23	169	3.70	.05	<10	.47	230	1	<0.01	13	1170	20	<5	<20	15	.10	<10	84	<10	1	121
353 - 497	L51200E	50800 N	30	.6	2.35	50	2	145	<5	.31	<1	19	24	121	5.37	.09	<10	.67	483	<1	<0.01	17	1230	28	<5	<20	20	.05	<10	96	<10	<1	80
353 - 498	L51200E	50840 N	<5	<.2	2.08	30	2	75	<5	.21	<1	13	20	38	3.08	.05	<10	.44	250	<1	<0.01	11	1460	18	<5	<20	14	.07	<10	67	<10	1	55
353 - 499	L51200E	50880 N	<5	.4	1.78	25	4	100	<5	.21	<1	13	19	29	2.83	.06	<10	.44	296	<1	<0.01	9	930	16	<5	<20	16	.08	<10	64	<10	1	65
353 - 500	L51200E	50920 N	<5	.4	2.09	30	4	75	<5	.19	<1	14	20	44	3.41	.04	<10	.52	280	<1	<0.01	11	1360	18	<5	<20	11	.09	<10	73	<10	1	105
353 - 501	L51200E	50960 N	<5	<.2	1.55	20	4	75	<5	.23	<1	11	19	18	2.42	.03	<10	.37	266	<1	<0.01	10	1090	12	<5	<20	16	.11	<10	57	<10	5	49
`53 - 502	L51200E	51000 N	<5	<.2	1.68	15	4	65	<5	.28	<1	10	17	15	2.37	.04	<10	.34	246	<1	<0.01	7	1020	14	<5	<20	20	.11	<10	58	<10	4	44
353 - 503	L51400E	49520 N	<5	.6	1.88	65	4	110	<5	.56	<1	12	21	46	3.05	.05	<10	.68	292	<1	.01	11	640	18	<5	<20	40	.11	<10	72	<10	6	69
353 - 504	L51400E	49560 N	<5	.2	1.37	40	2	55	<5	.14	<1	9	15	12	2.59	.02	<10	.25	149	<1	<0.01	6	1330	16	<5	<20	11	.08	<10	61	<10	1	95
353 - 505	L51400E	49720 N	<5	.4	1.92	50	4	65	<5	.18	<1	15	24	31	3.39	.03	<10	.48	225	<1	<0.01	13	720	18	<5	<20	18	.12	<10	82	<10	4	126
353 - 506	L51400E	49800 N	<5	<.2	1.12	20	4	55	<5	.24	<1	9	13	17	2.05	.02	<10	.31	193	<1	<0.01	9	1370	10	<5	<20	12	.08	<10	48	<10	4	45
353 - 507	L51400E	49880 N	<5	.4	.95	20	4	85	<5	.57	<1	8	14	38	1.66	.05	<10	.29	245	2	<0.01	7	320	12	<5	<20	40	.09	<10	41	<10	5	29
353 - 508	L51400E	49900 N	5	.2	1.03	25	4	95	<5	.31	<1	9	15	44	2.06	.04	<10	.35	213	<1	<0.01	10	590	12	<5	<20	24	.10	<10	49	<10	5	36
353 - 509	L51400E	49960 N	10	.2	.97	20	2	75	<5	.43	<1	8	16	54	1.98	.06	<10	.39	195	2	.01	8	590	12	<5	<20	27	.11	<10	49	<10	5	37
353 - 510	L51400E	50000 N	<5	.2	1.65	30	4	95	<5	.18	<1	13	19	202	2.83	.05	<10	.43	242	2	<0.01	12	920	16	<5	<20	17	.11	<10	63	<10	3	57
353 - 511	L51400E	50040 N	<5	.2	1.41	25	6	95	<5	.19	<1	11	18	54	2.35	.03	<10	.40	209	<1	.01	10	500	12	<5	<20	21	.12	<10	57	<10	3	37
353 - 512	L51400E	50080 N	10	.4	1.51	75	4	110	<5	.19	<1	14	21	72	2.86	.05	<10	.52	276	<1	<0.01	12	670	26	<5	<20	20	.11	<10	60	<10	4	89
353 - 513	L51400E	50120 N	<5	.4	1.49	40	4	75	<5	.18	<1	12	18	40	2.36	.04	<10	.40	299	<1	<0.01	13	870	20	<5	<20	14	.10	<10	53	<10	3	122
353 - 514	L51400E	50160 N	55	.2	1.27	25	2	65	<5	.21	<1	7	15	19	1.59	.05	<10	.40	164	<1	<0.01	7	470	20	<5	<20	16	.11	<10	45	<10	4	91

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 515	L51400E	50200 N	5	<.2	1.49	40	2	65	<5	.17	<1	9	16	32	2.40	.06	<10	.43	297	<1	<0.01	8	890	16	<5	<20	13	.07	<10	50	<10	1	105
353 - 516	L51400E	50240 N	30	.2	1.48	55	4	95	<5	.18	<1	12	20	74	2.69	.04	<10	.45	257	<1	<0.01	14	700	20	<5	<20	17	.11	<10	57	<10	4	73
353 - 517	L51400E	50280 N	10	.4	1.43	45	4	100	<5	.18	<1	12	18	61	2.43	.04	<10	.45	274	<1	<0.01	13	800	18	<5	<20	17	.10	<10	52	<10	4	82
353 - 518	L51400E	50320 N	<5	<.2	1.38	30	2	80	<5	.19	<1	9	14	35	1.87	.05	<10	.39	179	<1	<0.01	10	520	18	<5	<20	18	.10	<10	44	<10	4	93
353 - 519	L51400E	50360 N	<5	.8	1.37	30	4	90	<5	.21	<1	11	16	45	2.31	.06	<10	.37	243	<1	<0.01	13	950	14	<5	<20	16	.09	<10	53	<10	3	84
353 - 520	L51400E	50400 N	<5	.6	1.58	35	4	90	<5	.19	<1	13	17	32	2.39	.08	<10	.44	221	<1	<0.01	14	640	14	<5	<20	19	.12	<10	55	<10	3	93
353 - 521	L51400E	50440 N	<5	.4	1.65	45	2	95	<5	.20	<1	13	20	54	2.55	.08	<10	.55	246	<1	<0.01	15	630	18	<5	<20	23	.12	<10	59	<10	3	95
353 - 522	L51400E	50480 N	10	.2	1.38	55	4	90	<5	.26	<1	11	19	71	2.53	.13	<10	.56	256	<1	<0.01	12	420	18	<5	<20	29	.11	<10	58	<10	3	57
353 - 523	L51400E	50520 N	<5	.6	1.61	55	4	105	<5	.20	<1	13	19	60	2.58	.11	<10	.55	271	<1	<0.01	13	490	24	<5	<20	22	.13	<10	58	<10	4	57
353 - 524	L51400E	50560 N	<5	.6	1.66	30	2	70	<5	.19	<1	12	18	24	2.58	.05	<10	.39	234	<1	<0.01	11	1040	14	<5	<20	17	.11	<10	60	<10	4	95
353 - 525	L51400E	50600 N	<5	.2	1.55	10	4	60	<5	.19	<1	7	14	13	1.33	.04	10	.24	149	<1	<0.01	6	870	14	<5	<20	16	.13	<10	36	<10	9	83
353 - 526	L51400E	50640 N	<5	<.2	1.77	25	2	100	<5	.16	<1	13	16	15	2.51	.05	<10	.36	212	<1	<0.01	11	620	16	<5	<20	13	.10	<10	59	<10	2	89
353 - 527	L51400E	50800 N	<5	<.2	1.13	20	4	75	<5	.36	<1	11	17	24	2.29	.05	<10	.41	640	<1	.01	8	530	8	<5	<20	29	.09	<10	59	<10	5	28
353 - 528	L51400E	50840 N	<5	<.2	1.25	15	4	60	<5	.21	<1	9	17	11	2.12	.04	<10	.29	166	<1	<0.01	8	610	8	<5	<20	17	.11	<10	56	<10	4	24
353 - 529	L51400E	50880 N	<5	.2	1.88	20	4	70	<5	.24	<1	9	18	13	2.16	.05	<10	.34	204	<1	<0.01	7	530	8	<5	<20	18	.11	<10	58	<10	4	25
353 - 530	L51400E	50920 N	<5	<.2	1.29	10	4	60	<5	.19	<1	7	14	8	1.45	.04	<10	.24	120	<1	<0.01	6	700	8	<5	<20	16	.10	<10	39	<10	5	32
353 - 531	L51400E	50960 N	<5	<.2	1.73	20	4	60	<5	.26	<1	11	21	11	2.50	.04	<10	.37	213	<1	<0.01	11	920	12	<5	<20	19	.13	<10	58	<10	3	46
353 - 532	L51400E	51000 N	<5	.8	1.77	25	6	90	<5	.34	<1	12	24	14	2.64	.04	<10	.44	266	<1	<0.01	12	890	14	<5	<20	28	.17	<10	65	<10	5	44
353 - 533	48000E	49960 N	<5	<.2	1.17	30	6	75	<5	.25	<1	14	17	19	2.91	.08	<10	.36	732	<1	<0.01	7	700	24	<5	<20	17	.09	<10	60	<10	<1	222
353 - 534	48200E	50440 N	10	<.2	2.70	35	6	240	<5	.30	<1	24	8	33	4.85	.47	<10	1.57	855	<1	.02	4	1700	30	<5	<20	54	.32	<10	138	<10	4	321
353 - 535	48400E	49080 N	<5	<.2	1.61	25	8	70	<5	.26	<1	12	26	10	3.21	.04	<10	.40	245	<1	<0.01	13	1040	8	<5	<20	17	.13	<10	85	<10	2	49
353 - 536	48400E	49120 N	<5	<.2	1.45	15	8	65	<5	.25	<1	10	19	8	2.27	.03	<10	.34	198	<1	<0.01	12	970	8	<5	<20	17	.12	<10	54	<10	3	42
353 - 537	48400E	49160 N	<5	<.2	1.51	20	6	70	<5	.27	<1	10	22	8	2.32	.02	<10	.32	214	<1	<0.01	10	1080	8	<5	<20	21	.14	<10	58	<10	4	32
353 - 538	48400E	49200 N	<5	<.2	1.72	25	6	75	<5	.26	<1	12	27	11	3.13	.02	<10	.37	323	<1	<0.01	12	1060	8	<5	<20	18	.14	<10	82	<10	3	48
353 - 539	48400E	49240 N	<5	<.2	1.69	20	6	90	<5	.23	<1	11	22	9	2.53	.02	<10	.35	215	<1	<0.01	12	1210	8	<5	<20	20	.13	<10	62	<10	4	35
353 - 540	48400E	49280 N	<5	<.2	1.37	20	6	80	<5	.43	<1	10	20	7	2.43	.03	<10	.28	300	<1	<0.01	9	1940	6	<5	<20	26	.12	<10	57	<10	3	95
353 - 541	48400E	49320 N	<5	<.2	1.40	20	8	70	<5	.31	<1	11	22	8	2.58	.03	<10	.32	443	<1	<0.01	11	1750	6	<5	<20	20	.12	<10	64	<10	3	63
353 - 542	48400E	49360 N	<5	<.2	1.27	20	6	60	<5	.30	<1	10	20	6	2.53	.03	<10	.25	189	<1	<0.01	7	1860	8	<5	<20	20	.13	<10	60	<10	3	97
353 - 543	48400E	49400 N	<5	<.2	1.21	20	8	50	<5	.36	<1	10	20	7	2.38	.03	<10	.29	253	<1	<0.01	10	970	8	<5	<20	24	.14	<10	62	<10	3	81
353 - 544	48400E	49440 N	<5	<.2	1.46	20	4	130	<5	.32	<1	13	18	9	2.88	.05	<10	.40	345	<1	<0.01	7	2560	10	<5	<20	26	.13	<10	66	<10	2	179
353 - 545	48400E	49640 N	<5	<.2	1.56	20	6	115	<5	.32	<1	12	17	13	2.64	.11	<10	.61	381	<1	<0.01	9	1610	10	<5	<20	32	.15	<10	61	<10	2	151
353 - 546	48400E	49680 N	<5	<.2	1.15	25	6	55	<5	.34	<1	12	21	11	2.19	.14	<10	.49	268	<1	<0.01	10	300	10	<5	<20	27	.17	<10	62	<10	4	45
353 - 547	48400E	49720 N	<5	<.2	1.06	20	6	40	<5	.31	<1	10	19	8	2.26	.06	<10	.33	204	<1	<0.01	10	430	8	<5	<20	24	.15	<10	63	<10	4	35
353 - 548	48400E	49760 N	<5	<.2	1.10	15	8	50	<5	.33	<1	10	19	7	2.18	.04	<10	.30	196	<1	<0.01	10	620	6	<5	<20	23	.15	<10	59	<10	4	33
353 - 549	48400E	49800 N	<5	.4	1.04	20	8	40	<5	.34	<1	10	20	9	2.35	.06	<10	.36	216	<1	<0.01	8	400	8	<5	<20	24	.16	<10	67	<10	5	29
353 - 550	48400E	49840 N	<5	<.2	1.25	25	8	75	<5	.48	<1	12	23	9	2.62	.07	<10	.41	325	<1	.01	11	1280	10	<5	<20	33	.17	<10	69	<10	5	41

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 551	48400E	49880 N	<5	.2	1.07	30	8	70	<5	.33	<1	11	17	9	2.60	.05	<10	.36	203	<1	<0.01	7	630	14	<5	<20	25	.15	<10	68	<10	3	55
353 - 552	48400E	49920 N	<5	<.2	2.53	40	8	190	<5	.33	<1	22	12	36	4.22	.14	<10	1.11	548	<1	.01	9	1210	28	<5	<20	57	.22	<10	111	<10	3	121
353 - 553	48400E	49960 N	<5	<.2	2.71	25	6	275	<5	.20	<1	19	7	26	4.62	.39	<10	1.07	613	<1	.02	5	1220	24	<5	<20	39	.28	<10	142	<10	5	121
353 - 554	48400E	50400 N	<5	<.2	3.05	30	8	165	<5	.22	<1	22	34	19	4.76	.23	<10	1.73	1097	<1	.02	11	1500	74	5	<20	41	.34	<10	115	<10	5	317
353 - 555	48600E	49520 N	5	<.2	1.39	25	6	70	<5	.34	<1	13	21	12	2.66	.08	<10	.41	424	<1	<0.01	13	630	14	<5	<20	25	.16	<10	70	<10	4	67
353 - 556	48600E	49560 N	5	<.2	1.48	30	8	65	<5	.45	<1	12	24	9	3.08	.06	<10	.37	250	<1	<0.01	16	1610	16	<5	<20	32	.15	<10	76	<10	3	60
353 - 557	48600E	49600 N	<5	<.2	1.41	30	8	60	<5	.35	<1	12	21	15	2.63	.05	<10	.36	221	<1	<0.01	16	920	18	<5	<20	27	.14	<10	66	<10	4	52
353 - 558	48600E	49640 N	<5	.4	1.87	125	6	45	<5	.42	<1	20	16	29	3.41	.03	<10	.36	451	<1	.03	14	950	32	<5	<20	32	.14	<10	69	<10	2	107
353 - 559	48600E	49680 N	<5	<.2	1.33	45	8	80	<5	.37	<1	12	19	15	2.63	.05	<10	.38	332	<1	<0.01	12	1470	18	<5	<20	30	.13	<10	64	<10	4	73
353 - 560	48600E	49720 N	<5	<.2	1.26	25	8	60	<5	.32	<1	12	20	9	2.59	.04	<10	.33	440	<1	<0.01	9	740	14	<5	<20	24	.15	<10	67	<10	4	87
353 - 561	48600E	49760 N	<5	.2	1.50	120	6	55	<5	.37	<1	17	18	32	3.03	.03	<10	.42	578	<1	.01	12	680	24	<5	<20	38	.13	<10	66	<10	4	141
353 - 562	48600E	49800 N	<5	.2	1.34	125	8	80	<5	.43	<1	17	18	21	2.56	.05	<10	.34	981	<1	<0.01	11	690	20	<5	<20	36	.14	<10	58	<10	4	97
353 - 563	48600E	49840 N	<5	<.2	1.26	25	6	70	<5	.33	<1	10	17	11	2.29	.03	<10	.29	263	<1	<0.01	10	690	14	<5	<20	24	.14	<10	58	<10	5	54
353 - 564	48600E	49880 N	<5	<.2	1.30	55	6	85	<5	.32	1	17	33	12	2.94	.08	<10	.49	515	<1	<0.01	19	570	16	<5	<20	24	.16	<10	78	<10	3	178
353 - 565	48600E	49920 N	5	<.2	2.33	20	8	110	<5	.27	<1	14	17	21	3.70	.06	<10	.80	353	<1	<0.01	8	1040	20	<5	<20	21	.17	<10	98	<10	3	121
353 - 566	48600E	49960 N	<5	<.2	2.44	20	6	160	<5	.35	<1	20	9	21	3.17	.20	<10	1.22	455	<1	.02	5	540	22	<5	<20	30	.28	<10	92	<10	8	123
353 - 567	48600E	50000 N	<5	<.2	1.82	15	8	95	<5	.48	<1	13	21	12	2.63	.08	<10	.54	327	<1	<0.01	11	1190	18	<5	<20	35	.20	<10	63	<10	9	71
353 - 568	48600E	50040 N	<5	<.2	1.69	20	8	95	<5	.47	<1	15	23	12	2.72	.08	<10	.51	384	<1	.01	12	960	16	<5	<20	35	.21	<10	67	<10	9	64
353 - 569	48600E	50080 N	<5	<.2	2.82	15	8	120	<5	.18	<1	18	25	22	3.66	.28	<10	1.53	910	<1	.02	6	850	22	<5	<20	25	.31	<10	111	<10	7	126
353 - 570	48600E	50160 N	<5	<.2	2.52	15	8	180	<5	.32	<1	20	15	24	3.50	.20	<10	1.14	480	<1	.01	9	830	20	<5	<20	46	.22	<10	100	<10	5	188
353 - 571	48600E	50200 N	<5	<.2	2.01	20	10	120	<5	.46	<1	16	21	21	3.00	.16	<10	.75	386	<1	.01	10	630	18	<5	<20	40	.24	<10	84	<10	9	122
353 - 572	48600E	50240 N	<5	<.2	1.74	15	6	140	<5	.36	<1	18	13	12	2.86	.13	<10	.72	372	<1	.01	8	940	18	<5	<20	44	.21	<10	77	<10	6	292
353 - 573	48600E	50280 N	<5	<.2	1.94	20	8	105	<5	.37	<1	17	17	14	3.05	.17	<10	.85	551	<1	.01	10	650	26	<5	<20	42	.22	<10	80	<10	6	328
353 - 574	48600E	50320 N	<5	<.2	2.33	20	8	160	<5	.53	<1	32	52	17	3.81	.21	<10	1.40	929	<1	.02	19	1730	34	<5	<20	57	.31	<10	91	<10	6	572
353 - 575	48600E	50360 N	<5	<.2	2.17	25	8	115	<5	.43	<1	18	17	17	3.73	.27	<10	.87	620	<1	.01	9	840	32	<5	<20	50	.24	<10	90	<10	5	178
353 - 576	48600E	50400 N	<5	<.2	1.75	15	8	135	<5	.50	<1	19	15	15	2.77	.16	<10	.79	718	<1	.01	9	1120	36	<5	<20	48	.22	<10	63	<10	6	264
353 - 577	48600E	50440 N	<5	<.2	1.61	15	6	85	<5	.46	<1	15	18	9	2.62	.13	<10	.55	506	<1	<0.01	10	1870	32	<5	<20	39	.18	<10	62	<10	5	192
353 - 578	48600E	50480 N	<5	<.2	1.57	20	8	105	<5	.40	<1	18	14	10	2.74	.21	<10	.66	1021	<1	.01	7	690	32	<5	<20	30	.21	<10	70	<10	6	211
353 - 579	48600E	50520 N	<5	<.2	1.58	15	8	70	<5	.38	<1	14	16	13	2.79	.09	<10	.62	436	<1	<0.01	7	980	40	<5	<20	32	.20	<10	69	<10	5	151
353 - 580	48600E	50560 N	<5	.2	2.07	40	8	80	<5	.35	<1	14	20	10	2.96	.04	<10	.50	386	<1	<0.01	10	630	38	<5	<20	30	.18	<10	74	<10	4	348
353 - 581	48600E	50600 N	<5	<.2	1.86	30	6	65	<5	.31	<1	16	26	11	3.33	.09	<10	.76	520	<1	.01	10	460	26	<5	<20	26	.22	<10	97	<10	5	147
353 - 582	48600E	50640 N	<5	<.2	1.94	25	6	70	<5	.35	<1	16	24	12	3.37	.08	<10	.59	472	<1	.01	11	730	24	<5	<20	32	.19	<10	84	<10	5	292
353 - 583	48600E	50680 N	5	.2	1.72	75	6	90	<5	.33	1	13	21	13	3.20	.06	<10	.60	513	<1	.01	7	720	44	<5	<20	32	.19	<10	90	<10	4	224
353 - 584	48600E	50720 N	10	1.0	2.47	130	8	110	<5	.69	<1	13	20	15	3.21	.07	<10	.70	363	2	.01	9	390	90	<5	<20	81	.15	<10	85	<10	3	221
353 - 585	48600E	50760 N	<5	<.2	1.85	55	8	80	<5	.44	<1	16	25	22	3.23	.21	<10	.72	399	<1	.02	14	710	32	<5	<20	34	.18	<10	83	<10	5	143
353 - 586	48600E	50800 N	<5	<.2	1.76	55	6	80	<5	.45	<1	17	18	24	2.73	.07	10	.50	1058	<1	<0.01	6	470	26	<5	<20	38	.16	<10	69	<10	10	241

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	MA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 587	48600E	50840 N	<5	<.2	1.64	55	6	95	<5	.49	<1	16	23	19	2.85	.15	<10	.64	394	<1	.02	12	540	26	<5	<20	37	.19	<10	75	<10	7	101
353 - 588	48600E	50880 N	<5	<.2	2.22	70	8	95	<5	.64	<1	17	25	21	3.31	.12	<10	.80	504	<1	.02	13	530	30	<5	<20	44	.19	<10	82	<10	5	135
353 - 589	48600E	50920 N	<5	<.2	2.46	90	6	115	<5	.53	2	27	33	35	3.99	.11	<10	1.05	1529	<1	.01	16	650	54	<5	<20	44	.19	<10	101	<10	4	459
353 - 590	48600E	50960 N	<5	<.2	1.99	35	8	100	<5	.59	<1	17	19	24	3.64	.13	<10	.66	455	<1	.01	9	500	20	<5	<20	39	.24	<10	101	<10	5	181
353 - 591	48600E	51000 N	<5	.6	3.81	180	8	195	<5	1.96	<1	26	32	46	4.51	.50	<10	2.52	1199	<1	.18	11	810	22	5	<20	107	.27	<10	169	<10	12	150
353 - 592	48800E	49520 N	<5	<.2	1.60	20	8	85	<5	.38	<1	13	23	10	2.54	.06	<10	.41	270	<1	.01	14	800	14	<5	<20	31	.17	<10	69	<10	6	35
353 - 593	48800E	49560 N	<5	<.2	1.52	25	8	65	<5	.40	<1	13	25	18	2.68	.06	<10	.41	264	<1	.01	13	690	14	<5	<20	29	.19	<10	71	<10	6	45
353 - 594	48800E	49600 N	<5	<.2	1.46	45	8	70	<5	.41	<1	13	27	18	2.82	.08	<10	.42	271	<1	<0.01	18	1230	24	<5	<20	41	.17	<10	69	<10	5	105
353 - 595	48800E	49640 N	<5	.4	.94	20	8	45	<5	.35	<1	10	20	6	2.28	.04	<10	.24	210	<1	<0.01	7	570	12	<5	<20	29	.19	<10	66	<10	5	47
353 - 596	48800E	49680 N	<5	.6	1.61	50	8	55	<5	.39	<1	16	20	17	3.71	.04	<10	.39	333	5	<0.01	14	830	46	<5	<20	31	.16	<10	65	<10	2	195
353 - 597	48800E	49720 N	<5	<.2	1.43	15	8	60	<5	.32	<1	10	20	6	2.17	.04	<10	.23	273	<1	<0.01	7	1600	14	<5	<20	20	.15	<10	55	<10	4	80
353 - 598	48800E	49760 N	<5	.2	1.51	30	8	70	<5	.46	<1	12	22	11	2.10	.07	<10	.40	296	<1	.01	11	710	18	<5	<20	34	.19	<10	57	<10	7	82
353 - 599	48800E	49800 N	<5	.2	1.28	50	8	65	<5	.63	<1	12	20	26	2.27	.07	<10	.45	422	<1	.01	10	760	12	<5	<20	45	.17	<10	60	<10	8	41
353 - 600	48800E	49840 N	5	1.2	2.99	110	8	205	<5	.89	<1	19	48	63	3.81	.16	20	.87	1085	1	.01	30	750	24	<5	<20	58	.16	<10	80	<10	21	159
353 - 601	48800E	49880 N	<5 *	.2	2.01	65	8	95	<5	.34	<1	19	19	25	3.26	.06	<10	.54	275	<1	.01	13	780	24	<5	<20	27	.19	<10	80	<10	4	85
353 - 602	48800E	49920 N	<5	<.2	2.46	35	8	160	<5	.33	<1	20	10	20	3.74	.11	<10	1.06	598	<1	.01	6	1970	22	<5	<20	30	.25	<10	99	<10	4	195
353 - 603	48800E	49960 N	<5	<.2	1.62	15	8	90	<5	.58	<1	13	25	10	2.51	.06	10	.47	301	<1	.01	10	760	16	<5	<20	42	.24	<10	68	<10	10	45
353 - 604	48800E	BL 50000 N	<5	<.2	2.53	20	8	145	<5	.54	<1	19	19	27	3.62	.30	<10	1.18	750	<1	.01	12	1420	18	<5	<20	40	.24	<10	98	<10	7	100
353 - 605	48800E	50040 N	<5	.4	1.84	25	8	140	<5	.28	<1	14	40	14	3.20	.18	<10	1.03	575	<1	.01	12	1180	20	<5	<20	33	.20	<10	77	<10	4	87
353 - 606	48800E	50080 N	<5	<.2	2.05	35	8	235	<5	.27	<1	17	17	17	4.84	.23	<10	.85	984	<1	.01	7	1330	24	<5	<20	72	.20	<10	86	<10	<1	175
353 - 607	48800E	50120 N	<5	<.2	2.67	25	8	215	<5	.25	<1	21	19	22	3.77	.33	<10	1.03	678	<1	.01	12	1160	18	<5	<20	77	.22	<10	99	<10	3	207
353 - 608	48800E	50160 N	<5	<.2	1.87	20	8	90	<5	.39	<1	15	26	14	2.79	.08	<10	.66	303	<1	.01	10	830	18	<5	<20	34	.22	<10	82	<10	6	140
353 - 609	48800E	50200 N	<5	<.2	2.89	30	8	245	<5	.34	<1	34	1	26	5.16	.96	<10	2.61	686	<1	.02	5	1230	18	<5	<20	31	.50	<10	183	<10	11	397
353 - 610	48800E	50240 N	<5	<.2	2.14	25	8	150	<5	.37	<1	20	31	20	3.77	.16	<10	.91	582	<1	.02	14	1250	18	<5	<20	40	.25	<10	96	<10	4	249
353 - 611	48800E	50280 N	<5	.2	1.82	20	6	220	<5	.35	1	26	16	16	3.25	.58	<10	1.06	1936	<1	.01	5	1570	20	<5	<20	52	.30	<10	79	<10	5	456
353 - 612	48800E	50320 N	<5	.4	1.88	20	8	250	<5	.98	4	29	14	27	3.39	.39	<10	.97	2944	<1	<0.01	9	2400	176	<5	<20	94	.21	<10	74	<10	5	958
353 - 613	48800E	50360 N	<5	<.2	1.73	25	8	100	<5	.43	<1	21	20	14	3.04	.19	<10	.70	1165	<1	.01	11	880	42	<5	<20	43	.21	<10	72	<10	5	226
353 - 614	48800E	50400 N	<5	<.2	1.86	30	6	75	<5	.50	<1	18	22	15	3.21	.20	<10	.80	746	<1	<0.01	10	890	20	<5	<20	43	.22	<10	89	<10	6	106
353 - 615	48800E	50440 N	<5	.2	1.99	30	8	65	<5	.36	<1	19	18	12	3.38	.09	<10	.91	626	<1	.01	8	410	22	5	<20	31	.23	<10	91	<10	4	184
353 - 616	48800E	50480 N	5	<.2	1.64	30	8	75	<5	.43	<1	13	24	11	2.77	.10	<10	.57	490	<1	<0.01	10	1690	22	<5	<20	32	.19	<10	68	<10	5	159
353 - 617	48800E	50520 N	<5	.4	1.77	25	6	70	<5	.49	<1	15	21	13	2.98	.07	<10	.57	416	<1	<0.01	12	920	86	<5	<20	37	.20	<10	78	<10	5	212
353 - 618	48800E	50560 N	<5	.2	1.62	30	8	90	<5	.48	<1	15	22	13	2.98	.08	<10	.59	594	<1	<0.01	10	930	22	<5	<20	38	.19	<10	80	<10	5	154
353 - 619	48800E	50600 N	<5	.6	1.77	45	8	85	<5	.48	1	13	21	13	2.72	.08	<10	.55	422	<1	.01	12	740	30	<5	<20	38	.18	<10	66	<10	5	207
353 - 620	48800E	50640 N	<5	<.2	1.08	20	6	65	<5	.33	<1	9	15	7	2.03	.04	<10	.28	339	<1	<0.01	6	780	14	<5	<20	27	.15	<10	55	<10	4	71
353 - 621	48800E	50680 N	<5	<.2	1.45	40	6	75	<5	.32	<1	13	22	12	3.13	.07	<10	.54	372	<1	.01	8	690	22	<5	<20	28	.21	<10	91	<10	4	100
353 - 622	48800E	50720 N	<5	1.0	1.81	20	10	95	<5	.50	<1	16	14	15	2.46	.11	<10	.73	808	<1	.01	8	460	26	<5	<20	44	.18	<10	69	<10	5	89

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 623	48000E	50760 N	<5	<.2	1.70	30	8	55	<5	.30	<1	11	19	9	2.44	.05	<10	.39	254	<1	.01	9	630	26	<5	<20	23	.18	<10	66	<10	5	95
353 - 624	48000E	50840 N	5	<.2	2.30	65	8	125	<5	.83	<1	18	27	38	3.43	.30	10	1.13	662	<1	.03	15	770	32	<5	<20	52	.22	<10	93	<10	14	119
353 - 625	48000E	50880 N	<5	<.2	2.28	100	6	115	<5	.26	1	20	24	17	4.31	.08	<10	.98	1245	<1	.01	10	1500	78	<5	<20	26	.19	<10	107	<10	1	381
353 - 626	48000E	50920 N	<5	<.2	2.07	90	8	115	<5	.25	<1	21	22	21	4.19	.08	<10	.91	1022	<1	.01	7	1090	74	<5	<20	26	.19	<10	114	<10	2	284
353 - 627	48000E	50960 N	<5	<.2	1.80	40	6	135	<5	.26	2	21	23	14	3.40	.12	<10	.84	1050	<1	.01	8	1210	54	<5	<20	21	.17	<10	84	<10	2	318
353 - 628	48000E	51000 N	<5	.4	1.90	45	8	85	<5	.42	<1	15	21	19	2.91	.09	<10	.56	388	<1	.01	11	660	26	<5	<20	34	.17	<10	72	<10	4	163
353 - 629	49000E	49500 N	<5	<.2	1.64	25	8	65	<5	.40	<1	13	30	10	3.35	.04	<10	.38	277	<1	<0.01	14	2030	12	<5	<20	26	.17	<10	89	<10	4	38
353 - 630	49000E	49560 N	<5	.6	1.42	60	8	70	<5	.32	<1	15	31	32	2.57	.04	<10	.41	656	<1	<0.01	20	770	24	<5	<20	29	.16	<10	64	<10	4	150
353 - 631	49000E	49600 N	<5	.2	1.74	60	8	75	<5	.38	<1	13	27	18	2.78	.05	<10	.44	284	<1	<0.01	17	950	24	<5	<20	32	.18	<10	70	<10	5	59
353 - 632	49000E	49640 N	<5	.2	1.65	35	8	50	<5	.38	<1	14	23	12	2.76	.06	<10	.39	282	<1	<0.01	15	1090	16	<5	<20	27	.16	<10	69	<10	4	97
353 - 633	49000E	49680 N	<5	<.2	1.01	5	6	75	<5	.41	<1	7	12	4	1.04	.05	<10	.30	161	<1	<0.01	5	370	12	<5	<20	46	.18	<10	35	<10	6	32
353 - 634	49000E	49720 N	<5	.4	2.03	15	6	110	<5	1.39	<1	9	20	73	1.31	.07	10	.43	198	<1	.03	20	570	30	<5	<20	195	.15	<10	48	<10	14	47
353 - 635	49000E	49760 N	<5	<.2	1.71	45	8	55	<5	.27	<1	15	23	11	3.06	.05	<10	.46	381	<1	<0.01	12	470	16	<5	<20	24	.19	<10	84	<10	3	55
353 - 636	49000E	49800 N	10	<.2	2.07	35	8	105	<5	.38	<1	18	18	18	3.43	.14	<10	.81	494	<1	<0.01	12	970	18	<5	<20	34	.19	<10	84	<10	3	122
353 - 637	49000E	49840 N	<5	<.2	2.48	40	8	120	<5	.54	<1	18	11	100	3.91	.24	<10	1.18	544	<1	.01	10	780	20	<5	<20	120	.21	<10	102	<10	4	78
353 - 638	49200E	49520 N	<5	<.2	1.34	35	10	70	<5	.37	<1	11	21	16	2.61	.05	<10	.42	366	<1	<0.01	13	1070	12	<5	<20	25	.13	<10	68	<10	4	40
353 - 639	49200E	49560 N	<5	<.2	1.42	30	10	60	<5	.26	<1	11	21	14	2.56	.03	<10	.31	639	<1	<0.01	10	1520	14	<5	<20	19	.13	<10	65	<10	2	64
353 - 640	49200E	49600 N	<5	<.2	1.54	40	8	55	<5	.26	<1	11	22	13	2.72	.02	<10	.31	248	<1	<0.01	10	1420	16	<5	<20	21	.13	<10	69	<10	3	51
353 - 641	49200E	49640 N	<5	<.2	1.23	45	8	70	<5	.93	<1	12	24	24	2.39	.08	<10	.44	339	<1	<0.01	12	1670	12	<5	<20	107	.13	<10	61	<10	4	155
353 - 642	49200E	49680 N	5	.6	1.77	70	6	265	<5	.30	<1	18	21	190	4.59	.05	<10	.48	297	4	<0.01	14	1290	38	<5	<20	33	.10	<10	69	<10	<1	106
353 - 643	49200E	49720 N	<5	.8	1.59	40	6	225	<5	.31	<1	21	21	55	3.47	.09	<10	.46	1015	4	<0.01	12	860	32	<5	<20	37	.14	<10	68	<10	2	75
353 - 644	49200E	49760 N	<5	.6	1.57	35	10	80	<5	.36	<1	16	28	48	2.99	.08	<10	.44	366	2	<0.01	17	560	26	<5	<20	32	.19	<10	72	<10	4	186
353 - 645	49200E	49800 N	<5	<.2	1.66	60	10	105	<5	.45	<1	16	40	96	3.57	.13	<10	.70	266	2	<0.01	31	940	24	<5	<20	39	.17	<10	74	<10	4	55
353 - 646	49200E	49840 N	10	.6	1.89	90	8	90	<5	.36	<1	17	40	113	3.83	.09	<10	.65	364	3	<0.01	27	940	48	<5	<20	31	.15	<10	78	<10	3	105
353 - 647	49200E	49880 N	<5	.2	2.03	30	10	115	<5	.43	<1	15	17	31	2.84	.09	<10	.84	492	<1	.01	35	880	20	<5	<20	38	.21	<10	85	<10	7	197
353 - 648	49200E	49920 N	<5	<.2	1.97	20	8	105	<5	.50	<1	19	73	23	2.94	.15	<10	.92	508	<1	.03	33	950	16	<5	<20	42	.19	<10	74	<10	5	92
353 - 649	49200E	49960 N	10	<.2	1.95	30	12	115	<5	.46	<1	18	22	28	3.64	.26	<10	.89	421	<1	.01	9	780	16	<5	<20	37	.25	<10	102	<10	6	56
353 - 650	49300E	51560 N	5	<.2	2.32	30	8	55	<5	.52	<1	22	24	37	3.63	.08	<10	.83	582	<1	<0.01	13	410	22	<5	<20	23	.21	<10	115	<10	4	119
353 - 651	49300E	51600 N	<5	<.2	1.97	45	8	65	<5	.39	<1	18	23	24	3.60	.10	<10	.73	707	<1	.01	12	640	20	<5	<20	23	.18	<10	95	<10	3	113
353 - 652	49300E	51640 N	<5	.8	1.81	40	8	90	<5	.51	<1	16	23	24	3.30	.12	<10	.59	1093	<1	<0.01	12	470	32	<5	<20	27	.15	<10	85	<10	3	148
353 - 653	49300E	51680 N	5	<.2	1.44	30	6	80	<5	.35	<1	13	20	12	2.77	.09	<10	.49	553	<1	.01	12	380	16	<5	<20	23	.14	<10	68	<10	3	56
353 - 654	49300E	51600 N	<5	.2	2.00	30	6	75	<5	.51	<1	13	20	17	3.08	.13	<10	.42	408	<1	<0.01	12	1090	26	<5	<20	24	.11	<10	70	<10	2	113
353 - 655	49300E	51760 N	<5	<.2	2.89	65	6	90	<5	.63	<1	27	24	50	5.20	.05	<10	1.11	772	<1	<0.01	14	420	22	<5	<20	31	.15	<10	139	<10	<1	80
353 - 656	49300E	51800 N	<5	<.2	1.83	35	6	65	<5	.31	<1	15	44	15	3.36	.05	<10	.65	271	<1	<0.01	31	420	20	<5	<20	23	.11	<10	79	<10	1	85
353 - 657	49300E	51840 N	<5	<.2	1.12	380	4	90	<5	.19	<1	17	18	44	5.20	<0.01	<10	.23	247	4	<0.01	70	650	24	<5	<20	16	.02	<10	53	<10	<1	132
353 - 658	49300E	51880 N	<5	<.2	1.38	35	6	110	<5	.37	<1	12	23	12	2.65	.07	<10	.44	299	<1	<0.01	22	310	18	<5	<20	29	.07	<10	61	<10	<1	70

ETK#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 659	49300E	51920 N	<5	.6	3.12	25	6	170	<5	.77	<1	15	29	35	3.22	.09	10	.83	397	<1	.01	51	640	26	5	<20	57	.15	<10	68	<10	12	119
353 - 660	49300E	51960 N	5	.2	1.72	40	6	135	<5	.35	<1	18	29	17	3.47	.08	<10	.43	722	<1	<0.01	42	960	20	<5	<20	30	.10	<10	71	<10	<1	141
353 - 661	49300E	52000 N	<5	<.2	2.07	35	6	130	<5	.38	<1	16	26	19	3.48	.10	<10	.72	454	<1	<0.01	28	910	22	<5	<20	32	.14	<10	85	<10	2	119
353 - 662	49500E	51520 N	<5	.6	2.72	45	8	100	<5	.66	3	25	31	66	3.74	.07	<10	.62	2350	<1	<0.01	15	1310	76	<5	<20	27	.14	<10	97	<10	3	332
353 - 663	49500E	51560 N	<5	1.0	2.00	35	8	225	<5	.72	6	22	25	41	3.79	.13	<10	.60	2510	<1	<0.01	12	540	114	<5	<20	29	.18	<10	104	<10	3	498
353 - 664	49500E	51600 N	<5	<.2	2.18	25	10	95	<5	.47	<1	19	20	24	3.24	.08	<10	.78	907	<1	<0.01	11	970	28	<5	<20	23	.21	<10	91	<10	5	199
353 - 665	49500E	51640 N	<5	<.2	2.70	40	8	85	<5	.42	<1	17	22	35	3.57	.09	<10	.83	638	<1	.01	12	1160	30	<5	<20	21	.16	<10	94	<10	4	132
353 - 666	49500E	51680 N	<5	.2	2.36	250	6	90	<5	.54	<1	21	25	52	4.36	<0.01	<10	.73	710	<1	<0.01	15	400	30	5	<20	23	.12	<10	127	<10	3	132
353 - 667	49500E	51720 N	10	.2	2.03	30	6	140	<5	.45	1	17	22	21	3.13	.11	<10	.43	1460	<1	<0.01	10	1090	22	<5	<20	26	.14	<10	74	<10	4	216
353 - 668	49500E	51760 N	<5	1.0	1.85	35	6	100	<5	.50	2	17	23	23	3.25	.11	<10	.53	977	<1	<0.01	12	640	48	<5	<20	29	.16	<10	86	<10	4	302
353 - 669	49500E	51800 N	<5	.2	1.71	55	8	125	<5	.42	<1	16	24	29	3.51	.13	<10	.62	946	<1	.01	17	1020	28	<5	<20	30	.14	<10	82	<10	2	151
353 - 670	49500E	51920 N	<5	<.2	2.02	35	8	140	<5	.43	<1	14	21	23	3.41	.12	<10	.69	412	<1	.01	23	870	22	<5	<20	33	.12	<10	68	<10	4	101
353 - 671	49500E	51960 N	5	<.2	1.63	35	8	115	<5	.37	<1	13	21	23	2.94	.09	<10	.56	393	<1	.01	30	950	20	<5	<20	31	.11	<10	66	<10	5	94
353 - 672	49600E	49720 N	<5	<.2	1.50	55	8	90	<5	.34	<1	15	25	93	3.41	.06	<10	.51	257	<1	<0.01	16	760	18	<5	<20	28	.14	<10	81	<10	3	50
353 - 673	49600E	49800 N	<5	<.2	1.30	30	10	65	<5	.51	<1	12	21	24	2.50	.07	<10	.46	495	<1	.01	10	820	16	<5	<20	34	.16	<10	61	<10	5	138
353 - 674	49600E	49840 N	5	.2	1.42	20	10	80	<5	.71	<1	11	18	288	2.42	.07	10	.52	359	10	.02	28	470	18	<5	<20	92	.16	<10	55	<10	10	157
353 - 675	49600E	49880 N	15	.8	1.86	35	6	110	<5	.30	<1	17	20	102	3.43	.08	<10	.42	328	5	<0.01	16	1420	42	<5	<20	28	.12	<10	74	<10	<1	272
353 - 676	49600E	49920 N	210	2.2	3.13	85	6	310	20	.34	<1	24	92	493	5.85	.21	<10	1.22	600	16	<0.01	58	880	106	10	<20	41	.13	<10	128	<10	<1	388
353 - 677	49600E	49960 N	<5	<.2	1.31	20	8	75	<5	.38	<1	16	21	18	2.58	.06	<10	.39	484	<1	<0.01	9	280	16	<5	<20	27	.22	<10	73	<10	6	71
353 - 678	49800E	49760 N	5	<.2	1.51	50	8	90	<5	.49	<1	14	31	76	3.08	.09	<10	.57	267	<1	<0.01	18	690	32	<5	<20	46	.15	<10	72	<10	5	58
353 - 679	49800E	49800 N	5	<.2	2.09	45	6	110	<5	.37	<1	17	30	68	3.87	.04	<10	.55	382	<1	<0.01	17	1240	24	<5	<20	25	.19	<10	97	<10	3	122
353 - 680	49800E	49840 N	10	.8	1.86	45	8	120	<5	.27	<1	21	34	238	3.68	.08	<10	.51	571	11	<0.01	29	600	62	10	<20	23	.13	<10	71	<10	<1	356
353 - 681	49800E	49880 N	10	.6	2.09	45	10	115	<5	.36	<1	22	59	67	4.41	.12	<10	1.15	730	2	<0.01	17	620	44	<5	<20	45	.18	<10	99	<10	<1	344
353 - 682	50000E	49560 N	25	1.6	1.62	175	4	75	<5	.24	<1	15	46	57	4.88	<0.01	<10	.35	1369	<1	<0.01	20	780	52	10	<20	18	.04	<10	65	<10	<1	182
353 - 683	50000E	49600 N	<5	<.2	1.95	60	6	60	<5	.42	<1	27	35	36	4.12	.01	<10	.60	673	<1	<0.01	13	730	42	5	<20	23	.14	<10	80	<10	2	133
353 - 684	50000E	49640 N	345	1.8	1.86	300	6	125	<5	.20	<1	17	28	82	5.43	<0.01	<10	.53	292	<1	.01	11	840	112	10	<20	30	.15	<10	93	<10	<1	250
353 - 685	50000E	49720 N	<5	<.2	.97	20	10	75	<5	.49	<1	11	20	19	2.37	.06	10	.37	296	<1	.01	12	860	16	<5	<20	27	.13	<10	63	<10	7	35
353 - 686	50000E	49760 N	<5	<.2	1.55	25	10	80	<5	.31	<1	14	23	19	2.97	.04	10	.40	246	<1	<0.01	14	920	22	<5	<20	21	.13	<10	76	<10	4	53
353 - 687	50000E	49800 N	5	<.2	1.19	15	8	90	<5	.51	<1	11	19	23	2.25	.06	10	.31	189	<1	<0.01	10	360	22	<5	<20	32	.14	<10	58	<10	5	51
353 - 688	50000E	49840 N	10	.6	1.84	20	8	125	<5	.30	<1	15	25	288	3.42	.07	10	.48	307	6	<0.01	23	1080	42	<5	<20	18	.11	<10	75	<10	2	177
353 - 689	50000E	49880 N	65	2.4	1.95	35	8	125	<5	.39	<1	17	23	842	4.31	.10	20	.51	300	22	<0.01	22	1280	74	10	<20	34	.06	<10	67	<10	<1	226
353 - 690	50000E	49920 N	10	1.6	1.63	30	8	95	<5	.31	<1	14	33	477	3.26	.08	20	.39	249	23	<0.01	27	1290	78	10	<20	22	.12	<10	63	<10	3	195
353 - 691	50000E	49960 N	60	3.4	1.74	40	8	240	5	.24	<1	18	25	443	4.92	.15	20	.53	1287	23	.02	14	1160	102	15	<20	38	.09	<10	79	<10	<1	181
353 - 692	50000E	50020 N	35	.4	1.48	30	6	115	<5	.37	<1	15	22	79	3.16	.13	10	.55	431	2	<0.01	13	570	130	<5	<20	27	.14	<10	78	<10	3	194
353 - 693	50000E	50080 N	5	.4	1.31	20	6	80	<5	.35	<1	12	24	62	3.03	.10	10	.46	298	2	<0.01	13	530	26	<5	<20	22	.17	<10	78	<10	5	120
353 - 694	50000E	L 50120 N	25	1.0	1.62	30	8	95	<5	.33	<1	12	25	326	3.22	.08	10	.52	278	3	<0.01	15	600	30	10	<20	24	.14	<10	73	<10	4	85

ETK#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 695	50000E L 50160 N	<5	.4	1.70	10	8	100	<5	.38	<1	17	22	44	3.24	.05	10	.41	339	1	<0.01	11	920	20	5	<20	31	.18	<10	77	<10	5	103
353 - 696	50000E L 50200 N	5	<.2	1.43	25	8	75	<5	.42	<1	18	32	144	3.75	.08	10	.50	357	3	.01	20	750	52	5	<20	30	.15	<10	72	<10	5	56
353 - 697	50000E 50240 N	<5	<.2	1.17	20	8	85	<5	.49	<1	13	19	99	2.76	.08	10	.41	337	2	.01	11	870	24	<5	<20	31	.13	<10	64	<10	5	69
353 - 698	50000E 50280 N	5	<.2	1.08	15	8	85	<5	.48	<1	11	17	74	2.39	.07	10	.40	332	<1	.01	11	770	20	<5	<20	29	.13	<10	56	<10	7	49
353 - 699	50000E 50320 N	<5	<.2	1.30	10	6	105	<5	.52	<1	11	16	36	2.00	.05	10	.38	225	<1	.01	10	720	22	<5	<20	34	.14	<10	49	<10	8	53
353 - 700	50000E 50360 N	10	<.2	1.29	15	10	95	<5	.73	<1	11	23	117	2.56	.08	20	.52	334	1	.03	12	870	26	<5	<20	46	.16	<10	63	<10	12	66
353 - 701	50000E 50400 N	<5	<.2	1.19	15	8	85	<5	.47	<1	10	19	33	2.05	.06	10	.37	240	<1	.01	10	740	20	<5	<20	32	.15	<10	55	<10	8	48
353 - 702	50000E 50440 N	5	<.2	1.54	50	8	95	<5	.46	<1	16	26	71	3.32	.19	20	.60	406	1	.01	12	680	38	5	<20	35	.18	<10	78	<10	7	79
353 - 703	50000E 50480 N	5	<.2	1.38	25	6	100	<5	.55	<1	15	24	61	2.84	.10	20	.53	468	<1	.01	11	930	26	<5	<20	36	.19	<10	72	<10	10	65
353 - 704	50000E 50520 N	<5	.2	1.45	15	8	130	<5	.64	<1	15	24	61	2.49	.08	20	.44	427	<1	<0.01	11	780	30	<5	<20	44	.17	<10	73	<10	9	83
353 - 705	50000E 50560 N	<5	<.2	1.72	20	8	90	<5	.36	<1	16	27	22	3.04	.07	10	.51	532	<1	.01	14	1000	32	<5	<20	24	.17	<10	77	<10	7	82
353 - 706	50000E 50600 N	<5	<.2	2.03	5	6	80	<5	.34	<1	15	29	17	3.02	.06	10	.54	342	<1	<0.01	19	1030	26	<5	<20	20	.11	<10	70	<10	3	79
353 - 707	50000E 50640 N	<5	<.2	1.83	10	6	85	<5	.39	<1	13	23	12	2.47	.06	10	.46	445	<1	<0.01	13	1130	28	<5	<20	25	.14	<10	65	<10	5	67
353 - 708	50000E 50680 N	<5	<.2	2.54	<5	4	85	<5	.40	<1	15	36	23	2.88	.07	10	.56	740	<1	<0.01	20	720	28	<5	<20	22	.07	<10	77	<10	2	62
353 - 709	50000E 50720 N	<5	<.2	2.29	10	8	100	<5	.37	<1	17	29	19	3.30	.07	10	.67	375	<1	<0.01	15	600	28	<5	<20	24	.20	<10	92	<10	6	55
353 - 710	50000E 50760 N	<5	<.2	1.99	10	8	100	<5	.35	<1	15	23	15	2.95	.04	20	.54	312	<1	<0.01	10	590	22	<5	<20	29	.20	<10	82	<10	8	43
353 - 711	50000E 50800 N	<5	<.2	1.63	5	8	70	<5	.41	<1	12	15	10	2.13	.03	10	.61	318	<1	<0.01	8	470	24	<5	<20	30	.18	<10	62	<10	8	53
353 - 712	50000E 50840 N	<5	<.2	2.43	20	10	120	<5	.28	<1	16	24	15	3.10	.06	10	.53	289	<1	.01	16	950	32	<5	<20	22	.17	<10	74	<10	5	67
353 - 713	50000E 50880 N	<5	<.2	2.11	20	8	120	<5	.40	<1	17	27	14	3.04	.07	10	.64	373	<1	.01	15	590	32	<5	<20	31	.21	<10	80	<10	8	96
353 - 714	50000E 50920 N	<5	<.2	2.11	15	6	85	<5	.40	<1	14	26	20	2.91	.06	20	.61	332	<1	<0.01	14	580	32	<5	<20	26	.16	<10	74	<10	7	63
353 - 715	50000E 50960 N	<5	<.2	1.40	20	10	120	<5	.81	<1	14	31	16	3.55	.06	20	.57	330	<1	.03	15	970	22	<5	<20	73	.16	<10	93	<10	9	49
353 - 716	50000E 51000 N	<5	<.2	2.20	30	8	130	<5	.50	<1	19	27	18	3.60	.11	10	.65	415	<1	.01	19	1540	30	<5	<20	39	.16	<10	86	<10	4	122
353 - 717	50000N 50000 N	<5	<.2	1.39	10	8	90	<5	.46	<1	11	19	73	1.95	.08	20	.48	297	<1	<0.01	13	560	30	<5	<20	31	.16	<10	50	<10	9	54
353 - 718	50100E 49760 E	<5	<.2	1.83	25	8	80	<5	.32	<1	18	27	29	3.59	.05	10	.44	328	<1	<0.01	15	1360	28	<5	<20	20	.12	<10	88	<10	3	134
353 - 719	50100E 49800 N	<5	<.2	1.49	65	8	135	<5	.27	<1	18	22	30	3.90	.06	10	.45	720	<1	<0.01	10	1860	36	<5	<20	31	.14	<10	91	<10	2	113
353 - 720	50100E 49840 N	15	<.2	1.66	40	6	110	<5	.24	<1	19	35	95	4.64	.06	20	.46	803	5	<0.01	14	1930	46	5	<20	21	.13	<10	106	<10	<1	144
353 - 721	50100E 49880 N	75	.2	1.32	10	6	140	<5	.36	<1	14	20	53	2.54	.10	20	.37	816	4	<0.01	11	530	44	<5	<20	37	.07	<10	63	<10	1	379
353 - 722	50100E 49920 N	<5	<.2	1.66	15	10	130	<5	.35	<1	15	25	61	3.11	.06	10	.43	485	2	<0.01	16	780	24	<5	<20	27	.18	<10	88	<10	6	65
353 - 723	50100E 49960 N	10	<.2	1.88	15	8	95	<5	.29	<1	17	25	94	3.09	.06	10	.43	542	2	<0.01	22	1020	28	<5	<20	21	.15	<10	73	<10	4	155
353 - 724	50100E 50000 N	<5	.4	1.16	15	6	90	<5	.25	<1	13	17	61	2.97	.08	10	.39	301	3	<0.01	7	430	30	<5	<20	20	.07	<10	65	<10	<1	201
353 - 725	50100E 50040 BL	30	.4	2.53	10	8	190	<5	.43	<1	10	21	172	2.73	.13	10	.63	159	5	<0.01	12	910	50	<5	<20	33	.09	<10	67	<10	4	103
353 - 726	50100E 50120 N	<5	<.2	1.31	20	8	100	<5	.40	<1	13	21	65	2.72	.09	10	.38	411	2	<0.01	11	1010	26	<5	<20	25	.13	<10	66	<10	4	94
353 - 727	50100E 50160 N	<5	<.2	1.36	15	8	80	<5	.37	<1	12	21	28	2.47	.06	10	.35	260	<1	<0.01	12	730	22	<5	<20	28	.16	<10	64	<10	6	62
353 - 728	50100E 50200 N	<5	<.2	1.49	15	10	85	<5	.38	<1	14	23	33	2.67	.06	10	.41	293	<1	.01	13	720	22	<5	<20	25	.17	<10	69	<10	7	62
353 - 729	50100E 50240 N	<5	<.2	1.42	15	8	85	<5	.41	<1	11	19	43	2.39	.05	10	.37	210	1	<0.01	9	530	24	<5	<20	28	.15	<10	66	<10	7	53
353 - 730	50400E 49640 N	<5	<.2	1.54	30	8	75	<5	.39	<1	16	27	29	3.63	.14	10	.46	379	1	<0.01	15	440	32	5	<20	25	.13	<10	92	<10	4	83

ECO-TECH LABORATORIES LTD. PLACER DOME INC. - ETK91- 353

PAGE 22

ETH	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 731	50400E	49680 N	<5	<.2	1.50	20	6	75	<5	.32	<1	13	25	15	3.12	.04	10	.37	243	<1	<0.01	14	920	22	<5	<20	20	.14	<10	80	<10	4	61
353 - 732	50400E	49720 N	<5	<.2	1.35	15	6	110	<5	.42	<1	13	25	20	2.89	.06	20	.41	300	<1	<0.01	13	1210	20	<5	<20	24	.15	<10	74	<10	6	49
353 - 733	50400E	49760 N	<5	.4	1.50	10	6	110	<5	.41	<1	13	23	13	2.63	.06	10	.39	480	<1	<0.01	13	780	30	<5	<20	24	.16	<10	65	<10	6	169
353 - 734	50400E	49840 N	10	<.2	2.24	15	6	115	<5	.27	<1	17	30	42	3.59	.05	10	.41	506	1	<0.01	20	970	42	<5	<20	22	.16	<10	74	<10	4	145
353 - 735	50400E	49880 N	5	.2	1.72	20	6	120	<5	.24	<1	15	27	99	2.83	.05	10	.39	651	2	<0.01	21	1270	36	<5	<20	19	.12	<10	61	<10	3	101
353 - 736	50400E	49920 N	10	.6	2.35	15	6	105	<5	.21	<1	17	30	264	3.91	.06	10	.64	480	5	<0.01	21	1180	54	5	<20	18	.11	<10	87	<10	<1	181
353 - 737	50600E	49640 N	<5	<.2	1.32	25	6	60	<5	.45	<1	12	22	23	2.44	.06	10	.41	217	<1	<0.01	13	390	22	<5	<20	29	.15	<10	63	<10	5	50
353 - 738	50600E	49680 N	<5	<.2	1.35	10	6	90	<5	.38	<1	14	22	13	2.76	.06	10	.34	484	<1	<0.01	10	700	32	5	<20	24	.14	<10	72	<10	5	118
353 - 739	50600E	49720 N	<5	<.2	1.22	15	8	75	<5	.35	<1	13	22	39	2.41	.07	10	.38	227	<1	<0.01	11	520	16	<5	<20	25	.15	<10	59	<10	6	32
353 - 740	50600E	49760 N	<5	<.2	1.68	15	8	85	<5	.35	<1	13	23	24	2.53	.05	10	.36	346	<1	<0.01	12	1440	24	<5	<20	26	.15	<10	59	<10	6	49
353 - 741	50600E	49800 N	<5	.2	1.68	20	6	150	<5	.38	<1	14	26	30	3.38	.05	10	.39	400	<1	<0.01	12	800	22	<5	<20	24	.17	<10	68	<10	4	78
353 - 742	50600E	49840 N	<5	.2	1.78	75	10	80	<5	.27	<1	15	28	43	3.21	.02	10	.38	260	<1	<0.01	14	1020	30	<5	<20	21	.14	<10	77	<10	5	77
353 - 743	50600E	49880 N	5	<.2	2.03	10	6	90	<5	.25	<1	15	24	55	2.88	.05	10	.37	477	2	<0.01	24	1150	28	<5	<20	19	.14	<10	68	<10	4	166
353 - 744	50600E	49920 N	55	.4	1.82	20	6	110	<5	.35	<1	16	27	271	3.34	.07	20	.43	354	7	<0.01	20	1120	50	5	<20	25	.12	<10	73	<10	4	150
353 - 745	50600E	49960 N	140	1.2	1.95	30	8	130	<5	.33	<1	14	29	707	3.50	.06	20	.46	348	15	<0.01	20	1050	120	20	<20	22	.12	<10	67	<10	6	264
353 - 746	51000E	49520 N	<5	<.2	1.38	10	8	95	<5	.33	<1	12	25	16	2.61	.05	10	.38	245	<1	<0.01	12	640	18	<5	<20	25	.16	<10	78	<10	6	36
353 - 747	51000E	49560 N	<5	<.2	1.80	30	8	80	<5	.28	<1	15	26	36	3.46	.03	10	.44	517	<1	<0.01	17	1100	26	<5	<20	22	.13	<10	83	<10	3	56
353 - 748	51000E	49600 N	<5	<.2	1.51	25	8	90	<5	.31	<1	12	23	32	2.72	.04	10	.40	300	<1	<0.01	14	810	22	<5	<20	19	.13	<10	70	<10	5	40
353 - 749	51000E	49640 N	<5	<.2	1.70	10	8	60	<5	.21	<1	12	23	13	2.85	.03	10	.28	231	<1	<0.01	11	1070	24	<5	<20	17	.13	<10	71	<10	4	58
353 - 750	51000E	49680 N	<5	<.2	1.69	60	8	85	<5	.30	<1	18	48	130	5.29	.04	20	.57	339	9	<0.01	20	1320	28	5	<20	20	.13	<10	134	<10	<1	56
353 - 751	51000E	49720 N	5	<.2	1.46	30	8	80	<5	.34	<1	15	30	49	3.77	.04	20	.47	331	<1	<0.01	15	990	22	<5	<20	19	.13	<10	99	<10	4	46
353 - 752	51000E	49760 N	5	<.2	1.74	30	8	105	<5	.31	<1	15	32	55	3.94	.03	20	.50	311	<1	<0.01	17	1090	22	<5	<20	20	.13	<10	102	<10	4	46
353 - 753	51000E	49800 N	10	<.2	1.47	20	8	70	<5	.32	<1	13	21	29	2.84	.03	10	.38	270	<1	<0.01	14	1020	20	<5	<20	20	.12	<10	70	<10	4	44
353 - 754	51000E	49840 N	15	<.2	1.65	20	8	90	<5	.29	<1	15	29	195	3.65	.06	20	.49	273	6	<0.01	17	600	46	5	<20	24	.13	<10	83	<10	3	108
353 - 755	51000E	49880 N	15	.2	1.57	25	8	115	<5	.38	<1	18	26	176	3.99	.09	20	.56	455	4	<0.01	16	810	36	5	<20	27	.15	<10	80	<10	6	86
353 - 756	51000E	50080 N	10	<.2	1.23	20	10	80	<5	.38	<1	12	25	106	2.82	.07	20	.43	261	<1	.01	12	750	22	5	<20	29	.15	<10	70	<10	7	52
353 - 757	51000E	50120 N	5	<.2	1.57	10	10	75	<5	.29	<1	13	24	28	2.48	.06	10	.40	264	<1	<0.01	12	900	24	<5	<20	23	.16	<10	62	<10	7	74
353 - 758	51000E	50160 N	<5	<.2	1.59	10	6	80	<5	.25	<1	12	21	28	2.39	.05	10	.33	318	<1	<0.01	10	990	26	<5	<20	21	.14	<10	59	<10	6	75
353 - 759	51000E	50200 N	<5	<.2	1.30	10	6	80	<5	.44	<1	11	19	22	2.07	.05	10	.40	347	<1	<0.01	11	700	18	<5	<20	28	.15	<10	56	<10	7	48
353 - 760	51000E	50240 N	<5	<.2	1.69	10	10	70	<5	.26	<1	13	23	23	2.71	.04	10	.37	243	<1	<0.01	13	1230	22	<5	<20	20	.14	<10	66	<10	5	51
353 - 761	51000E	50280 N	<5	<.2	.92	15	6	80	<5	.37	<1	11	19	27	2.21	.05	10	.36	291	<1	<0.01	11	750	14	<5	<20	28	.11	<10	55	<10	8	38
353 - 762	51000E	50320 N	5	<.2	1.13	15	10	80	<5	.42	<1	12	21	38	2.20	.06	10	.42	470	<1	<0.01	11	740	18	<5	<20	30	.11	<10	56	<10	5	49
353 - 763	51000E	50560 N	5	.4	1.20	10	8	100	<5	.69	<1	11	29	113	2.85	.09	10	.48	187	2	<0.01	13	530	26	<5	<20	31	.09	<10	71	<10	2	93
353 - 764	51000E	50600 N	50	<.2	1.77	25	4	105	<5	.17	<1	21	33	141	4.65	.07	10	.66	290	4	<0.01	17	990	42	5	<20	15	.09	<10	104	<10	<1	139
353 - 765	51000E	50640 N	10	.4	2.17	25	6	125	<5	.18	<1	22	33	178	4.79	.07	10	.73	300	5	<0.01	18	1290	44	10	<20	14	.10	<10	99	<10	<1	122
353 - 766	51000E	50680 N	<5	<.2	1.66	15	4	100	<5	.24	<1	16	27	54	4.10	.08	10	.54	292	1	<0.01	12	700	26	5	<20	16	.05	<10	98	<10	<1	88

ECO-TECH LABORATORIES LTD. PLACER DOME INC. - ETK91- 353

ET#	DESCRIPTION		AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
353 - 767	51000E	50720 N	<5	<.2	1.94	5	4	120	<5	.25	<1	14	24	39	3.32	.07	10	.40	408	<1	<0.01	12	1490	20	<5	<20	16	.05	<10	75	<10	<1	110
353 - 768	51000E	50760 N	<5	<.2	1.16	10	6	95	<5	.27	<1	10	19	22	2.51	.05	10	.37	224	<1	<0.01	11	560	14	<5	<20	18	.09	<10	59	<10	3	44
353 - 769	51000E	50800 N	5	<.2	1.08	10	8	80	<5	.54	<1	11	23	19	2.39	.05	10	.42	254	<1	.01	10	670	16	<5	<20	29	.13	<10	63	<10	7	42
353 - 770	51000E	50820 N	<5	<.2	1.10	10	8	95	<5	.72	6	12	24	15	2.56	.05	20	.46	398	<1	.02	12	640	18	<5	<20	42	.13	<10	66	<10	9	41
353 - 771	51000E	50920 N	<5	<.2	1.39	5	6	110	<5	.71	<1	11	22	22	2.57	.04	20	.42	655	<1	.01	11	480	20	5	<20	42	.11	<10	62	<10	8	50
353 - 772	51000E	50940 N	<5	<.2	1.04	5	6	75	<5	.33	<1	10	17	12	2.19	.06	10	.35	249	<1	<0.01	10	720	16	<5	<20	19	.10	<10	52	<10	5	51
353 - 773	51000E	51000 N	<5	<.2	1.21	10	6	80	<5	.50	<1	12	25	20	2.72	.07	20	.40	351	<1	<0.01	13	810	16	<5	<20	31	.15	<10	67	<10	12	52
353 - 774	51200E	49600 N	<5	<.2	1.28	30	8	85	<5	.39	<1	11	20	21	2.93	.07	10	.35	701	<1	<0.01	10	1230	20	<5	<20	21	.00	<10	73	<10	1	88
353 - 775	51200E	49640 N	<5	<.2	1.57	30	6	115	<5	.63	<1	13	20	18	2.79	.09	<10	.72	426	<1	.01	15	840	22	<5	<20	51	.12	<10	71	<10	3	87
353 - 776	51200E	49720 N	<5	<.2	1.29	20	8	70	<5	.25	<1	12	23	36	3.04	.03	<10	.43	230	<1	<0.01	12	920	16	<5	<20	19	.10	<10	77	<10	3	47
353 - 777	51200E	49760 N	<5	<.2	1.24	30	6	75	<5	.38	<1	14	25	53	3.46	.03	<10	.44	235	<1	<0.01	14	800	20	<5	<20	28	.10	<10	88	<10	<1	66
353 - 778	51200E	49800 N	<5	<.2	1.33	10	4	75	<5	.27	<1	10	17	15	2.19	.02	<10	.32	220	<1	<0.01	10	610	12	<5	<20	27	.09	<10	50	<10	3	26
353 - 779	51200E	49840 N	5	<.2	.81	15	6	60	<5	.48	<1	10	16	18	2.22	.04	10	.38	391	2	.01	9	630	10	<5	<20	38	.09	<10	53	<10	5	31
353 - 780	51200E	49880 N	<5	<.2	.83	15	6	55	<5	.44	<1	7	12	10	1.63	.04	<10	.28	196	2	<0.01	6	260	12	<5	<20	42	.10	<10	45	<10	3	25
353 - 781	51200E	49920 N	5	<.2	1.00	10	6	70	<5	.32	<1	8	14	16	1.82	.03	<10	.29	171	1	<0.01	8	500	12	<5	<20	26	.08	<10	45	<10	3	34
353 - 782	51200E	49960 N	10	.4	1.17	<5	4	135	<5	.84	<1	7	15	71	1.50	.05	<10	.29	278	2	<0.01	8	490	12	<5	<20	61	.08	<10	36	<10	4	34
353 - 783	LR5212	40 N	5	<.2	2.63	80	6	75	<5	.93	5	23	8	46	3.50	.07	<10	1.01	601	1	.03	11	340	26	10	<20	45	.18	<10	97	<10	8	251
353 - 784	L49800E	50840 N	5	<.2	1.40	15	6	80	<5	.51	<1	13	19	14	2.45	.06	<10	.62	373	<1	.01	10	540	20	<5	<20	31	.18	<10	66	<10	8	61
353 - 785	L50000N	49200 E	15	<.2	2.50	10	6	135	<5	.69	<1	24	16	27	4.26	.32	<10	1.32	705	<1	.02	11	490	22	<5	<20	79	.21	<10	100	<10	6	138
353 - 786	L50800E	49560 N	<5	<.2	1.33	25	12	55	<5	.22	<1	12	20	24	2.92	.03	<10	.41	286	<1	<0.01	12	1140	18	<5	<20	15	.10	<10	66	<10	3	64
353 - 787	50400E	49800 N	<5	.2	1.12	15	4	150	<5	.19	<1	8	14	10	2.47	.04	<10	.23	322	<1	<0.01	6	740	26	<5	<20	16	.06	<10	56	<10	<1	84
353 - 788	50400E	49960 N	20	.4	2.13	30	6	115	<5	.20	<1	20	38	242	4.02	.06	<10	.59	284	7	<0.01	37	1100	66	10	<20	18	.10	<10	72	<10	<1	175
353 - 789	L49800E	50880 N	10	<.2	1.26	15	6	85	<5	.57	<1	11	18	27	2.47	.07	10	.53	414	<1	.02	11	450	18	<5	<20	34	.14	<10	58	<10	10	64

NOTE: > = GREATER THAN
< = LESS THAN

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

APPENDIX V
SOIL SAMPLE
STATISTICS

PLACER DOME INC.

PDI Data Analysis System - STATS

run on 91:11:25 at 20:02:03

Current directory: /data/expl/ch/geochem

1991 CH SOIL GEOCHEMICAL ANALYSES

Summary of data from file : 91soils.srt

This data file contains an internal header: (7 records)
Data grouped into 35 fields
with format: (1A8,3F8.0,31F7.2)

Character ID fields:
LNID

Coordinate fields:
STA XUTM YUTM

Other data fields:

AU	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU
FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN
SR	TI	U	V	W	Y	ZN					

Missing data indicated by NULL value 99999.0

BASIC STATISTICS OF SELECTED DATA FIELDS:

NAME	NDATA	NULLS	MINIMUM	MAXIMUM	MEAN	STD. DEV.	GEOM. MEAN	DISPERSION	
AU	789	0	2.50000	1310.00	10.3422	53.4429	3.83923	1.52880	9.64132
AG	789	0	0.100000	30.0000	0.356782	1.55642	0.174705	0.723365E-01	0.421948
AL	789	0	0.660000	4.24000	1.64028	0.508368	1.56978	1.17083	2.10466
AS	789	0	2.50000	1020.00	32.9087	60.5212	21.1348	8.94450	49.9392
B	789	0	1.00000	16.0000	6.67934	1.70170	6.42431	4.76093	8.66884
BA	789	0	35.0000	390.000	99.3739	43.2400	92.4020	64.1560	133.084
BI	789	0	2.50000	35.0000	2.60456	1.56201	2.52900	2.16628	2.95246
CA	789	0	0.600000E-01	2.32000	0.363232	0.188941	0.329951	0.216300	0.503318
CD	789	0	0.500000	16.0000	0.607731	0.781563	0.536203	0.383434	0.749839
CO	789	0	4.00000	55.0000	14.4766	4.88923	13.8161	10.2682	18.5898
CR	789	0	1.00000	239.000	22.3245	12.9102	20.5471	13.7187	30.7742
CU	789	0	4.00000	903.000	59.3663	108.152	28.9019	10.2038	81.8635
FE	789	0	0.910000	7.07000	3.09064	0.848266	2.98321	2.28863	3.88860
K	789	0	0.500000E-02	1.04000	0.924019E-01	0.101661	0.665324E-01	0.301136E-01	0.146995
LA	789	0	0.500000	20.0000	4.10710	5.82177	1.33050	0.307927	5.74884
MG	789	0	0.180000	2.61000	0.584741	0.332322	0.522510	0.336210	0.814463
MN	789	0	120.000	7559.00	497.632	473.611	407.297	231.646	716.141
MO	789	0	0.500000	42.0000	1.44677	3.05974	0.777363	0.329856	1.83199
NA	789	0	0.500000E-02	0.180000	0.796586E-02	0.	0.667669E-02	0.405361E-02	0.109971E-01
NI	789	0	2.00000	85.0000	12.4068	7.05997	11.2099	7.25468	17.3216
P	789	0	250.000	2650.00	876.630	380.264	805.380	534.668	1213.16
PB	789	0	1.00000	2320.00	25.8251	85.1316	17.8772	8.92252	35.8190
SB	789	0	2.50000	270.000	4.27123	10.0770	3.36921	2.01692	5.62820
SN	789	0	10.0000	10.0000	10.0000	0.	10.0000	10.0000	10.0000
SR	789	0	9.00000	195.000	30.0875	15.9494	27.1984	17.6476	41.9180
TI	789	0	0.500000E-02	0.500000	0.146324	0.540901E-01	0.135596	0.876900E-01	0.209674
U	789	0	0.500000	0.500000	0.500000	0.	0.500002	0.500002	0.500002
V	789	0	29.0000	193.000	74.4588	20.2125	72.0926	56.1931	92.4906
W	789	0	0.500000	0.500000	0.500000	0.	0.500002	0.500002	0.500002
Y	789	0	0.500000	35.0000	5.03232	3.20036	3.88526	1.67917	8.98971
ZN	789	0	24.0000	1121.00	121.991	116.106	92.5118	45.6434	187.506

CORMAT: RUN ON 91:11:25 AT 20:02:03

Data from file: 91soils.srt

1991 OH SOIL GEOCHEMICAL ANALYSES

Correlation matrix for 789 records with 31 variables

LOG:	AU 1	AG 1	AL 1	AS 1	B 1	BA 1	BI 1	CA 1
AU	1.000	0.512	0.134	0.263	-0.160	0.234	0.197	-0.147
AG	0.512	1.000	0.080	0.343	-0.165	0.231	0.217	-0.024
AL	0.134	0.080	1.000	0.126	0.062	0.524	0.063	0.022
AS	0.263	0.343	0.126	1.000	-0.059	0.099	0.163	-0.042
B	-0.160	-0.165	0.062	-0.059	1.000	0.063	-0.056	0.284
BA	0.234	0.231	0.524	0.099	0.063	1.000	0.083	0.171
BI	0.197	0.217	0.063	0.163	-0.056	0.083	1.000	-0.042
CA	-0.147	-0.024	0.022	-0.042	0.284	0.171	-0.042	1.000
CD	0.043	0.162	0.119	0.193	0.015	0.183	-0.016	0.175
CO	0.188	0.145	0.703	0.354	0.144	0.563	0.118	0.096
CR	0.184	0.175	0.077	0.140	0.070	-0.084	0.060	0.115
CU	0.616	0.537	0.250	0.216	-0.113	0.353	0.139	-0.094
FE	0.366	0.240	0.662	0.459	0.037	0.501	0.164	-0.142
K	-0.003	-0.023	0.406	-0.120	0.210	0.576	-0.063	0.249
LA	0.144	0.011	0.014	-0.259	0.107	-0.009	-0.036	0.146
MG	0.147	0.047	0.746	0.137	0.186	0.658	0.054	0.195
MN	0.075	0.147	0.432	0.273	0.169	0.546	0.058	0.276
MO	0.575	0.514	0.107	0.176	-0.057	0.246	0.129	-0.180
NA	-0.040	-0.137	0.381	0.023	0.202	0.293	-0.012	0.231
NI	0.232	0.275	0.184	0.263	0.015	0.022	0.063	0.119
P	0.050	-0.045	0.264	0.045	0.083	0.187	0.023	-0.181
PB	0.458	0.432	0.464	0.426	-0.017	0.395	0.157	-0.037
SB	0.462	0.387	0.331	0.119	-0.066	0.295	0.192	-0.111
SN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SR	-0.042	0.011	0.230	-0.015	0.297	0.396	0.044	0.688
TI	-0.206	-0.254	0.349	-0.141	0.535	0.212	-0.055	0.205
U	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
V	0.105	-0.011	0.681	0.258	0.259	0.443	0.078	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y	-0.395	-0.317	-0.044	-0.343	0.367	-0.018	-0.136	0.477
ZN	0.270	0.332	0.559	0.395	0.061	0.526	0.092	0.011

LOG:	CD 1	CO 1	CR 1	CU 1	FE 1	K 1	LA 1	MG 1
AU	0.043	0.188	0.184	0.616	0.366	-0.003	0.144	0.147
AG	0.162	0.145	0.175	0.537	0.240	-0.023	0.011	0.047
AL	0.119	0.703	0.077	0.250	0.662	0.406	0.014	0.746
AS	0.193	0.354	0.140	0.216	0.459	-0.120	-0.259	0.137
B	0.015	0.144	0.070	-0.113	0.037	0.210	0.107	0.186
BA	0.183	0.563	-0.084	0.353	0.501	0.576	-0.009	0.658
BI	-0.016	0.118	0.060	0.139	0.164	-0.063	-0.036	0.054
CA	0.175	0.096	0.115	-0.094	-0.142	0.249	0.146	0.195
CD	1.000	0.273	-0.018	0.022	0.122	0.063	-0.005	0.138
CO	0.273	1.000	0.168	0.285	0.768	0.421	-0.052	0.714
CR	-0.018	0.168	1.000	0.217	0.109	-0.219	0.223	-0.068
CU	0.022	0.285	0.217	1.000	0.439	0.081	0.309	0.249
FE	0.122	0.768	0.109	0.439	1.000	0.288	0.009	0.639
K	0.063	0.421	-0.219	0.081	0.288	1.000	-0.111	0.710
LA	-0.005	-0.052	0.223	0.309	0.009	-0.111	1.000	-0.116
MG	0.138	0.714	-0.068	0.249	0.639	0.710	-0.116	1.000
MN	0.438	0.716	-0.051	0.108	0.506	0.498	-0.103	0.598
MO	0.019	0.175	0.181	0.768	0.363	0.021	0.205	0.095
NA	0.046	0.328	-0.086	-0.031	0.271	0.449	-0.051	0.583
NI	0.041	0.254	0.759	0.398	0.211	-0.228	0.258	-0.030
P	-0.011	0.206	0.055	0.016	0.336	0.019	0.012	0.072
PB	0.188	0.499	0.180	0.513	0.565	0.163	0.106	0.375
SB	0.108	0.349	0.092	0.528	0.545	0.095	0.220	0.361
SN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SR	0.129	0.211	-0.045	-0.015	0.104	0.461	0.090	0.441
TI	0.035	0.327	-0.038	-0.258	0.063	0.499	-0.127	0.482
U	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
V	0.114	0.700	0.026	0.160	0.803	0.437	-0.071	0.755
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.014	-0.093	-0.136	-0.378	-0.405	0.286	0.024	0.121
ZN	0.367	0.699	0.003	0.276	0.595	0.384	-0.169	0.588

LOG:	MN 1	MO 1	NA 1	NI 1	P 1	PB 1	SB 1	SN 1
AU	0.075	0.575	-0.040	0.232	0.050	0.458	0.462	0.000
AG	0.147	0.514	-0.137	0.275	-0.045	0.432	0.387	0.000
AL	0.432	0.107	0.381	0.184	0.264	0.464	0.331	0.000
AS	0.273	0.176	0.023	0.263	0.045	0.426	0.119	0.000
B	0.169	-0.057	0.202	0.015	0.083	-0.017	-0.066	0.000
BA	0.546	0.246	0.293	0.022	0.187	0.395	0.295	0.000
BI	0.058	0.129	-0.012	0.063	0.023	0.157	0.192	0.000
CA	0.276	-0.180	0.231	0.119	-0.181	-0.037	-0.111	0.000
CD	0.438	0.019	0.046	0.041	-0.011	0.188	0.108	0.000
CO	0.716	0.175	0.328	0.254	0.206	0.499	0.349	0.000
CR	-0.051	0.181	-0.086	0.759	0.055	0.180	0.092	0.000
CU	0.108	0.768	-0.031	0.398	0.016	0.513	0.528	0.000
FE	0.506	0.363	0.271	0.211	0.336	0.565	0.545	0.000
K	0.498	0.021	0.449	-0.228	0.019	0.163	0.095	0.000
LA	-0.103	0.205	-0.051	0.258	0.012	0.106	0.220	0.000
MG	0.598	0.095	0.583	-0.030	0.072	0.375	0.361	0.000
MN	1.000	0.048	0.307	-0.028	0.125	0.344	0.239	0.000
MO	0.048	1.000	-0.112	0.312	0.038	0.478	0.508	0.000
NA	0.307	-0.112	1.000	-0.131	-0.014	0.119	0.158	0.000
NI	-0.028	0.312	-0.131	1.000	0.063	0.264	0.187	0.000
P	0.125	0.038	-0.014	0.063	1.000	0.094	0.084	0.000
PB	0.344	0.478	0.119	0.264	0.094	1.000	0.401	0.000
SB	0.239	0.508	0.158	0.187	0.084	0.401	1.000	0.000
SN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SR	0.368	-0.128	0.455	-0.059	-0.080	0.050	0.100	0.000
TI	0.272	-0.249	0.425	-0.250	0.042	0.006	-0.118	0.000
U	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
V	0.487	0.105	0.416	-0.013	0.218	0.392	0.346	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.056	-0.402	0.300	-0.233	-0.196	-0.329	-0.285	0.000
ZN	0.662	0.291	0.202	0.098	0.180	0.646	0.339	0.000

LOG:	SR 1	TI 1	U 1	V 1	W 1	Y 1	ZN 1
AU	-0.042	-0.206	0.000	0.105	0.000	-0.395	0.270
AG	0.011	-0.254	0.000	-0.011	0.000	-0.317	0.332
AL	0.230	0.349	0.000	0.681	0.000	-0.044	0.559
AS	-0.015	-0.141	0.000	0.258	0.000	-0.343	0.395
B	0.297	0.535	0.000	0.259	0.000	0.367	0.061
BA	0.396	0.212	0.000	0.443	0.000	-0.018	0.526
BI	0.044	-0.055	0.000	0.078	0.000	-0.136	0.092
CA	0.688	0.205	0.000	0.000	0.000	0.477	0.011
CD	0.129	0.035	0.000	0.114	0.000	0.014	0.387
CO	0.211	0.327	0.000	0.700	0.000	-0.093	0.699
CR	-0.045	-0.038	0.000	0.026	0.000	-0.136	0.003
CU	-0.015	-0.258	0.000	0.160	0.000	-0.378	0.276
FE	0.104	0.063	0.000	0.803	0.000	-0.405	0.595
K	0.461	0.499	0.000	0.437	0.000	0.286	0.384
LA	0.090	-0.127	0.000	-0.071	0.000	0.024	-0.169
MG	0.441	0.482	0.000	0.755	0.000	0.121	0.588
MN	0.368	0.272	0.000	0.487	0.000	0.056	0.662
MO	-0.128	-0.249	0.000	0.105	0.000	-0.402	0.291
NA	0.455	0.425	0.000	0.416	0.000	0.300	0.202
NI	-0.059	-0.250	0.000	-0.013	0.000	-0.233	0.098
P	-0.080	0.042	0.000	0.218	0.000	-0.196	0.180
PB	0.050	0.006	0.000	0.392	0.000	-0.329	0.646
SB	0.100	-0.118	0.000	0.346	0.000	-0.285	0.339
SN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SR	1.000	0.355	0.000	0.210	0.000	0.351	0.159
TI	0.355	1.000	0.000	0.478	0.000	0.596	0.205
U	0.000	0.000	-1.000	0.000	-1.000	0.000	0.000
V	0.210	0.478	0.000	1.000	0.000	-0.071	0.536
W	0.000	0.000	-1.000	0.000	-1.000	0.000	0.000
Y	0.351	0.596	0.000	-0.071	0.000	1.000	-0.186
ZN	0.159	0.205	0.000	0.536	0.000	-0.186	1.000

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT

File: 91soils.srt Field name: FE LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH FE MINIMUM: 0.910000 MAXIMUM: 7.07000

789 VALUES PLOTTED: 0 NOT IN RANGE 0.910000 to 7.07000

GEOMETRIC MEAN: 2.98321 DISPERSION: 2.28863 3.88860

SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT		PERCENT	0 20 40 60 80
1	0.91000		0.13	I*
0	0.95786		0.00	I
0	1.0082		0.00	I
1	1.0613		0.13	I*
0	1.1171		0.00	I
0	1.1758		0.00	I
0	1.2377		0.00	I
3	1.3027		0.38	I**
0	1.3713		0.00	I
1	1.4434		0.13	I*
1	1.5193		0.13	I*
5	1.5992		0.63	I***
4	1.6833		0.51	I**
2	1.7718		0.25	I*
10	1.8650		1.27	I*****
8	1.9631		1.01	I****
17	2.0663	#	2.15	I*********
31	2.1750		3.93	I****************
26	2.2893		3.30	I*************
71	2.4097	-	9.00	I**********************************
62	2.5365		7.86	I*******************************
69	2.6699		8.75	I**********************************
78	2.8103		9.89	I**
52	2.9581	#	6.59	I**************************
55	3.1136		6.97	I***************************
58	3.2774		7.35	I*****************************
49	3.4497		6.21	I************************
41	3.6312		5.20	I********************
28	3.8221		3.55	I**************
17	4.0231		2.15	I*********
20	4.2347		2.53	I**********
16	4.4574		2.03	I********
24	4.6918	#	3.04	I************
15	4.9386		1.90	I********
12	5.1983		1.52	I******
7	5.4717		0.89	I****
2	5.7595		0.25	I*
1	6.0624		0.13	I*
0	6.3812		0.00	I
1	6.7168		0.13	I*
1	7.0700		0.13	I*
789				0 20 40 60 80

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT 20:02:03

File: 91soils.srt Field name: CU LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH CU MINIMUM: 4.00000 MAXIMUM: 903.000

789 VALUES PLOTTED: 0 NOT IN RANGE 4.00000 to 903.000

GEOMETRIC MEAN: 28.9019 DISPERSION: 10.2038 81.8635

SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 20 40 60 80
			I----------I----------I----------I----------I
1	4.0000	0.13	I* I
0	4.5804	0.00	I I
1	5.2450	0.13	I* I
7	6.0060	0.89	I***** I
14	6.8774	1.77	I********** I
19	7.8752	# 2.41	I********** I
24	9.0179	3.04	I********** I
65	10.326	8.24	I********** I
38	11.825	4.82	I********** I
60	13.540	7.60	I********** I
51	15.505	6.46	I********** I
47	17.754	5.96	I********** I
52	20.331	6.59	I********** I
55	23.280	# 6.97	I********** I
36	26.658	4.56	I********** I
33	30.526	4.18	I********** I
42	34.955	5.32	I********** I
25	40.027	3.17	I********** I
28	45.835	3.55	I********** I
18	52.485	2.28	I********** I
18	60.100	2.28	I********** I
18	68.820	2.28	I********** I
12	78.805	1.52	I********** I
13	90.240	1.65	I********** I
16	103.33	2.03	I********** I
10	118.33	1.27	I********** I
10	135.49	1.27	I********** I
4	155.15	0.51	I********** I
15	177.66	1.90	I********** I
8	203.44	1.01	I********** I
6	232.96	0.76	I********** I
6	266.76	# 0.76	I********** I
8	305.47	1.01	I********** I
7	349.79	0.89	I********** I
5	400.54	0.63	I********** I
5	458.65	0.63	I********** I
3	525.20	0.38	I********** I
2	601.41	0.25	I********** I
3	688.67	0.38	I********** I
3	788.59	0.38	I********** I
1	903.00	0.13	I********** I
			I----------I----------I----------I----------I
789			0 20 40 60 80

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT 20:02:03

File: 91soils.srt Field name: AU LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH AU MINIMUM: 2.50000 MAXIMUM: 1310.00

789 VALUES PLOTTED: 0 NOT IN RANGE 2.50000 to 1310.00

GEOMETRIC MEAN: 3.83923 DISPERSION: 1.52880 9.64132

SCALE OF HISTOGRAM IS 20.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 200 400 600 800
			I----------I----------I----------I----------I
594	2.5000	# 75.29	I********************************* I
0	2.9236	0.00	I I
0	3.4191	0.00	I I
0	3.9984	0.00	I I
63	4.6760	7.98	I*** I
0	5.4684	0.00	I I
0	6.3950	0.00	I I
0	7.4786	0.00	I I
0	8.7459	0.00	I I
50	10.228	6.34	I*** I
0	11.961	0.00	I I
17	13.988	2.15	I* I
0	16.358	0.00	I I
12	19.130	1.52	I* I
0	22.372	0.00	I I
5	26.163	0.63	I I
6	30.597	0.76	I I
6	35.781	# 0.76	I I
8	41.845	1.01	I I
3	48.935	0.38	I I
6	57.228	0.76	I I
2	66.925	0.25	I I
4	78.266	0.51	I I
1	91.528	0.13	I I
1	107.04	0.13	I I
1	125.18	0.13	I I
2	146.39	0.25	I I
3	171.19	0.38	I I
1	200.20	0.13	I I
1	234.13	0.13	I I
0	273.80	0.00	I I
1	320.20	0.13	I I
1	374.46	0.13	I I
0	437.91	0.00	I I
0	512.12	0.00	I I
0	598.90	0.00	I I
0	700.39	0.00	I I
0	819.07	0.00	I I
0	957.87	0.00	I I
0	1120.2	0.00	I I
1	1310.0	0.13	I I
			I----------I----------I----------I----------I
789			0 200 400 600 800

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT 20:02:03

File: 91soils.srt Field name: ZN LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH ZN MINIMUM: 24.0000 MAXIMUM: 1121.00

789 VALUES PLOTTED: 0 NOT IN RANGE 24.0000 to 1121.00

GEOMETRIC MEAN: 92.5118 DISPERSION: 45.6434 187.506

SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 20 40 60 80
			I----------I----------I----------I----------I
6	24.000	0.76	I*** I
6	26.421	0.76	I*** I
11	29.086	1.39	I******* I
16	32.020	2.03	I********* I
27	35.249 #	3.42	I***************** I
27	38.805	3.42	I***************** I
31	42.719	3.93	I******************* I
47	47.028	5.96	I***************************** I
33	51.771	4.18	I******************** I
41	56.993	5.20	I************************ I
37	62.742	4.69	I********************** I
43	69.071	5.45	I************************** I
32	76.038	4.06	I******************* I
38	83.707 #	4.82	I********************** I
42	92.151	5.32	I************************ I
37	101.45	4.69	I********************** I
20	111.68	2.53	I********** I
37	122.94	4.69	I********************** I
39	135.34	4.94	I************************ I
38	149.00	4.82	I********************** I
27	164.02	3.42	I***************** I
27	180.57	3.42	I***************** I
26	198.78	3.30	I**************** I
21	218.83	2.66	I************* I
13	240.91	1.65	I******** I
11	265.21	1.39	I******* I
11	291.96	1.39	I******* I
14	321.41 #	1.77	I******** I
6	353.82	0.76	I*** I
9	389.51	1.14	I****** I
0	428.80	0.00	I I
3	472.05	0.38	I** I
5	519.67	0.63	I*** I
1	572.09	0.13	I* I
0	629.79	0.00	I I
1	693.32	0.13	I* I
0	763.25	0.00	I I
1	840.24	0.13	I* I
3	924.99	0.38	I** I
1	1018.3	0.13	I* I
1	1121.0	0.13	I* I
			I----------I----------I----------I----------I
789			0 20 40 60 80

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT 20:02:03

File: 91soils.srt Field name: AS LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH AS MINIMUM: 2.50000 MAXIMUM: 1020.00

789 VALUES PLOTTED: 0 NOT IN RANGE 2.50000 to 1020.00

GEOMETRIC MEAN: 21.1348 DISPERSION: 8.94450 49.9392

SCALE OF HISTOGRAM IS 4.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 40 80 120 160
			I----------I----------I----------I----------I
24	2.5000	3.04	I****** I
0	2.9054	0.00	I I
0	3.3765	0.00	I I
0	3.9241	0.00	I I
0	4.5604	0.00	I I
45	5.3000	# 5.70	I********** I
0	6.1594	0.00	I I
0	7.1582	0.00	I I
0	8.3190	0.00	I I
118	9.6680	14.96	I********** I
0	11.236	0.00	I I
0	13.058	0.00	I I
116	15.175	14.70	I********** I
0	17.636	0.00	I I
125	20.496	# 15.84	I********** I
76	23.820	9.63	I********** I
0	27.682	0.00	I I
80	32.171	10.14	I********** I
70	37.388	8.87	I********** I
26	43.451	3.30	I******** I
14	50.497	1.77	I**** I
30	58.686	3.80	I******** I
15	68.203	1.90	I**** I
11	79.263	# 1.39	I*** I
7	92.116	0.89	I** I
9	107.05	1.14	I** I
7	124.41	0.89	I** I
2	144.59	0.25	I* I
5	168.04	0.63	I* I
1	195.28	0.13	I I
0	226.95	0.00	I I
2	263.76	0.25	I* I
1	306.53	0.13	I I
1	356.23	0.13	I I
0	414.00	0.00	I I
0	481.14	0.00	I I
1	559.16	0.13	I I
2	649.83	0.25	I* I
0	755.21	0.00	I I
0	877.68	0.00	I I
1	1020.0	0.13	I I
			I----------I----------I----------I----------I
789			0 40 80 120 160

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT 20:02:03

File: 91soils.srt Field name: AG LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH AG MINIMUM: 0.100000 MAXIMUM: 30.0000

789 VALUES PLOTTED: 0 NOT IN RANGE 0.100000 to 30.0000

GEOMETRIC MEAN: 0.174705 DISPERSION: 0.723355E-010.421948

SCALE OF HISTOGRAM IS 20.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 200 400 600 800
			I----------I----------I----------I----------I
508	0.10000	# 64.39	I************************* I
0	0.11533	0.00	I I
0	0.13300	0.00	I I
0	0.15339	0.00	I I
0	0.17689	0.00	I I
78	0.20400	9.89	I***** I
0	0.23527	0.00	I I
0	0.27133	0.00	I I
1	0.31291	0.13	I I
0	0.36087	0.00	I I
78	0.41618	9.89	I***** I
0	0.47996	0.00	I I
0	0.55352	0.00	I I
50	0.63836	6.34	I*** I
0	0.73619	0.00	I I
31	0.84903	3.93	I** I
11	0.97915	# 1.39	I* I
9	1.1292	1.14	I I
0	1.3023	0.00	I I
7	1.5019	0.89	I I
5	1.7321	0.63	I I
0	1.9975	0.00	I I
3	2.3037	0.38	I I
3	2.6567	0.38	I I
1	3.0639	0.13	I I
1	3.5335	0.13	I I
0	4.0750	0.00	I I
0	4.6996	0.00	I I
0	5.4198	0.00	I I
1	6.2505	0.13	I I
0	7.2084	0.00	I I
0	8.3132	0.00	I I
0	9.5873	0.00	I I
0	11.057	0.00	I I
0	12.751	0.00	I I
0	14.706	0.00	I I
0	16.959	0.00	I I
0	19.559	0.00	I I
0	22.556	0.00	I I
0	26.013	0.00	I I
2	30.000	0.25	I I
			I----------I----------I----------I----------I
789			0 200 400 600 800

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT 20:02:03

File: 91soils.srt Field name: CA LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH CA MINIMUM: 0.600000E-01 MAXIMUM: 2.32000

789 VALUES PLOTTED: 0 NOT IN RANGE 0.600000E-01 to 2.32000

GEOMETRIC MEAN: 0.329951 DISPERSION: 0.216300 0.503318

SCALE OF HISTOGRAM IS 4.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 40 80 120 160
			I----------I----------I----------I----------I
1	0.60000E-01	0.13	I
0	0.65741E-01	0.00	I
0	0.72031E-01	0.00	I
0	0.78923E-01	0.00	I
0	0.86474E-01	0.00	I
0	0.94748E-01	0.00	I
2	0.10381	0.25	I*
2	0.11375	0.25	I*
3	0.12463	0.38	I*
7	0.13655	0.89	I**
4	0.14962	0.51	I*
17	0.16393	2.15	I****
17	0.17962	# 2.15	I****
41	0.19680	5.20	I**********
42	0.21564	5.32	I**********
47	0.23627	5.96	I**********
88	0.25887	11.15	I**********************
36	0.28364	4.56	I*********
86	0.31078	10.90	I**********************
76	0.34052	# 9.63	I*******************
91	0.37310	11.53	I***********************
43	0.40879	5.45	I**********
41	0.44791	5.20	I**********
45	0.49076	5.70	I**********
24	0.53772	3.04	I******
18	0.58916	2.28	I*****
14	0.64554	1.77	I****
19	0.70730	# 2.41	I*****
2	0.77497	0.25	I*
5	0.84912	0.63	I*
6	0.93037	0.76	I**
5	1.0194	0.63	I*
3	1.1169	0.38	I*
0	1.2238	0.00	I
2	1.3409	0.25	I*
0	1.4692	0.00	I
0	1.6097	0.00	I
0	1.7638	0.00	I
1	1.9325	0.13	I
0	2.1174	0.00	I
1	2.3200	0.13	I
			I----------I----------I----------I----------I
789			0 40 80 120 160

120 .5m, .1m .5%.

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT 20:02:03

File: 91soils.srt Field name: MN LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH MN MINIMUM: 120.000 MAXIMUM: 7559.00

789 VALUES PLOTTED: 0 NOT IN RANGE 120.000 to 7559.00

GEOMETRIC MEAN: 407.297 DISPERSION: 231.646 716.141

SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 20 40 60 80
			I----------I----------I----------I----------I
1	120.00	0.13	I* I
3	133.10	0.38	I** I
3	147.62	0.38	I** I
7	163.73	0.89	I**** I
14	181.60	1.77	I******* I
22	201.42	# 2.79	I********** I
51	223.40	6.46	I************************* I
72	247.77	9.13	I*** I
75	274.81	9.51	I** I
76	304.80	9.63	I** I
55	338.07	6.97	I***************************** I
53	374.96	# 6.72	I***************************** I
48	415.88	6.08	I************************ I
59	461.26	7.48	I******************************* I
42	511.60	5.32	I********************** I
34	567.43	4.31	I***************** I
41	629.36	5.20	I********************** I
25	698.04	3.17	I************* I
22	774.21	2.79	I********** I
14	858.70	1.77	I******* I
13	952.41	1.65	I******* I
16	1056.3	2.03	I******** I
8	1171.6	# 1.01	I**** I
8	1299.5	1.01	I**** I
4	1441.3	0.51	I** I
5	1598.6	0.63	I*** I
4	1773.0	0.51	I** I
2	1966.5	0.25	I* I
2	2181.1	0.25	I* I
3	2419.2	0.38	I** I
2	2683.2	0.25	I* I
2	2976.0	0.25	I* I
0	3300.7	0.00	I I
0	3661.0	0.00	I I
2	4060.5	0.25	I* I
0	4503.6	0.00	I I
0	4995.1	0.00	I I
0	5540.2	0.00	I I
0	6144.8	0.00	I I
0	6815.3	0.00	I I
1	7559.1	0.13	I* I
			I----------I----------I----------I----------I
789			0 20 40 60 80

HISTO: 1991 CH SOIL GEOCHEMICAL ANALYSES RUN ON 91:11:25 AT 20:02:03

File: 91soils.srt Field name: PB LOG = 1 REPVAL = 0.00100

789 SAMPLES WITH PB MINIMUM: 1.00000 MAXIMUM: 2320.00

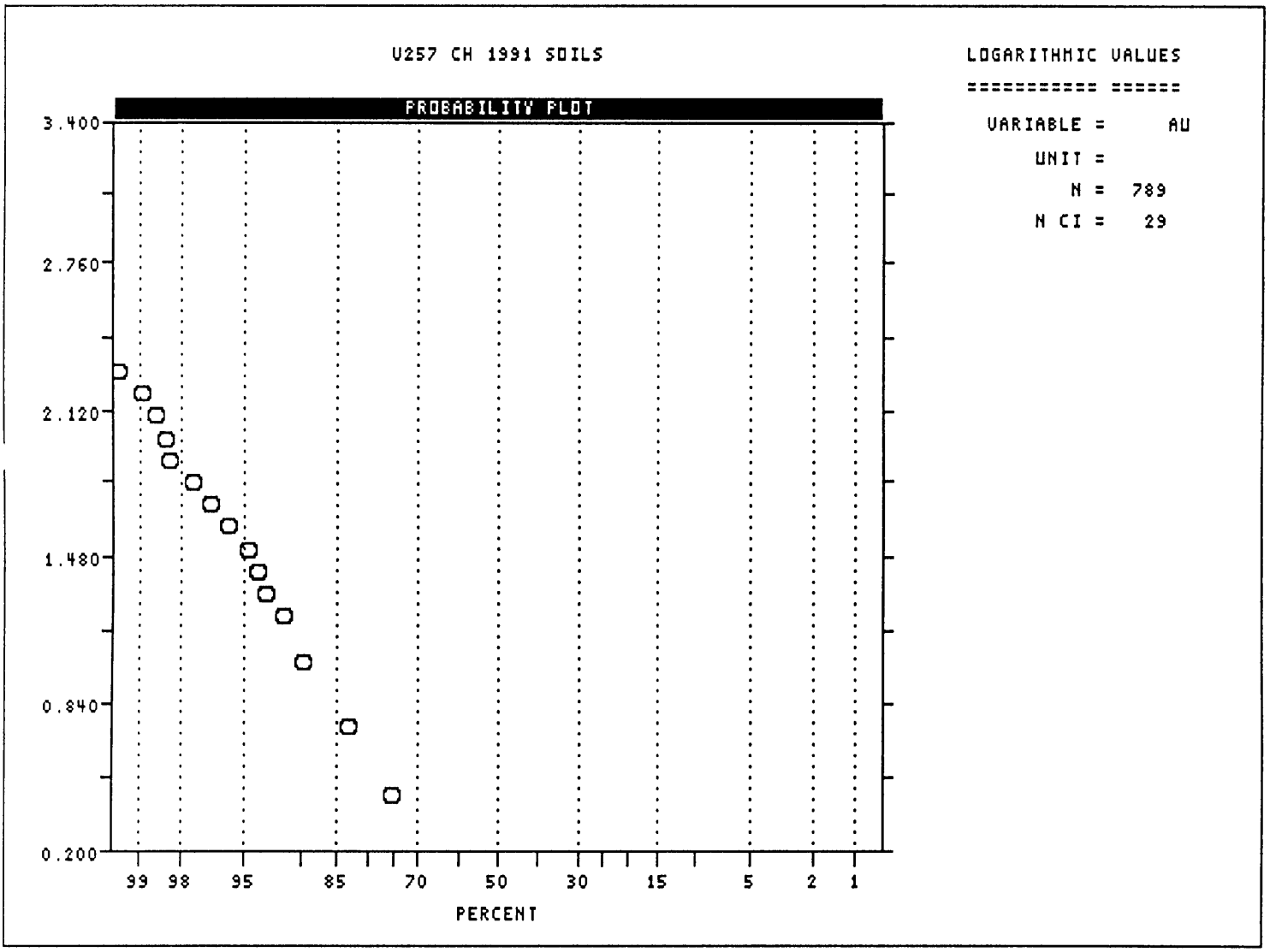
789 VALUES PLOTTED: 0 NOT IN RANGE 1.00000 to 2320.00

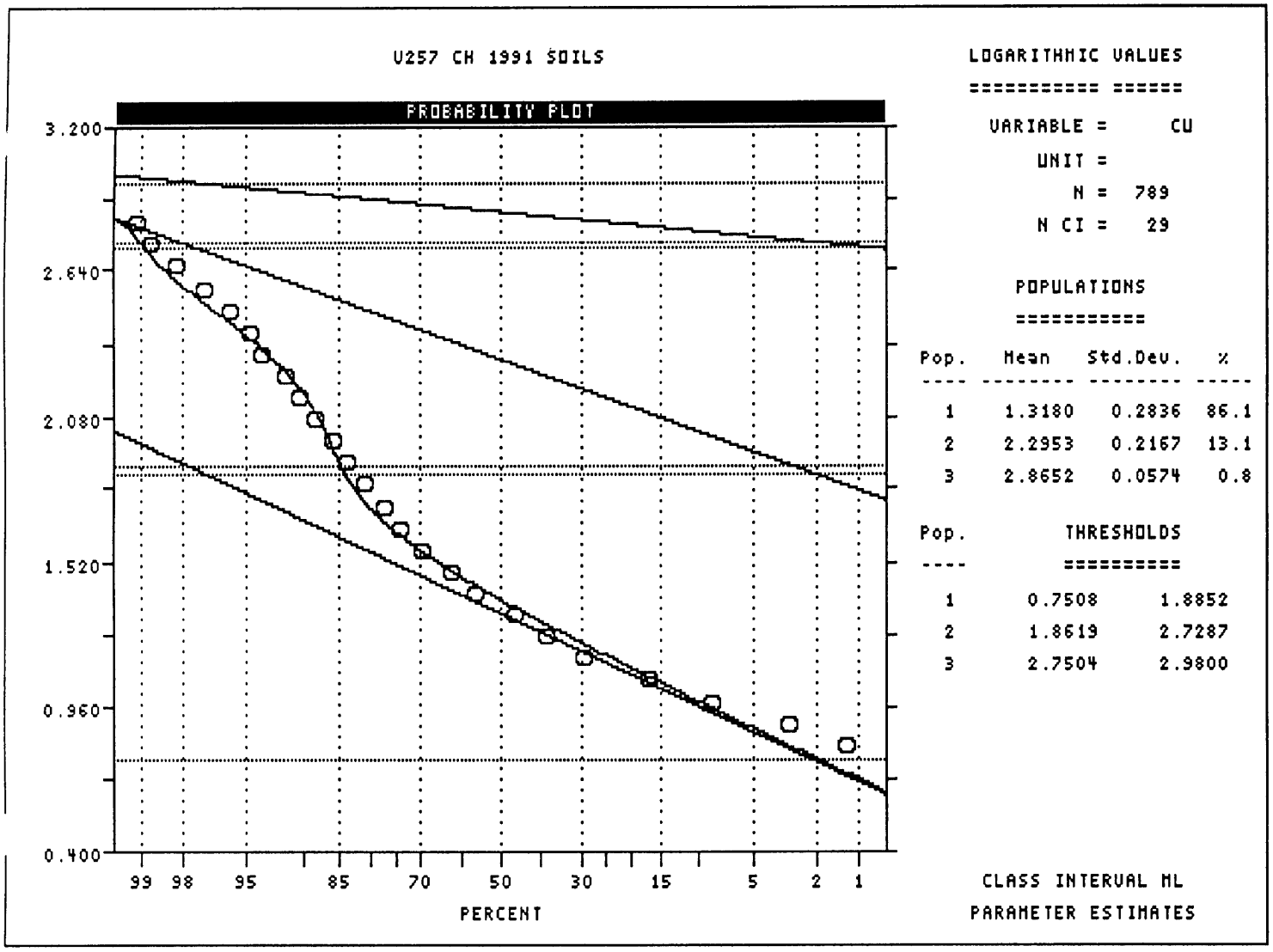
GEOMETRIC MEAN: 17.8772 DISPERSION: 8.92252 35.8190

SCALE OF HISTOGRAM IS 4.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 40 80 120 160
			I----------I----------I----------I----------I
1	1.0000	0.13	I I
0	1.2138	0.00	I I
0	1.4732	0.00	I I
0	1.7882	0.00	I I
7	2.1704	0.89	I** I
0	2.6344	0.00	I I
0	3.1976	0.00	I I
3	3.8811	0.38	I* I
0	4.7108	0.00	I I
31	5.7179 #	3.93	I******** I
0	6.9402	0.00	I I
61	8.4238	7.73	I**************** I
84	10.225	10.65	I********************** I
71	12.410	9.00	I******************* I
119	15.063	15.08	I******************************** I
106	18.283 #	13.43	I***************************** I
91	22.192	11.53	I************************ I
59	26.936	7.48	I*************** I
66	32.694	8.24	I***************** I
24	39.683	3.04	I****** I
22	48.166	2.79	I****** I
15	58.463 #	1.90	I**** I
11	70.961	1.39	I*** I
5	86.130	0.63	I* I
4	104.54	0.51	I* I
3	126.89	0.38	I* I
2	154.02	0.25	I* I
3	186.94	0.38	I* I
0	226.90	0.00	I I
0	275.41	0.00	I I
1	334.28	0.13	I I
0	405.75	0.00	I I
0	492.48	0.00	I I
0	597.76	0.00	I I
0	725.55	0.00	I I
0	880.65	0.00	I I
0	1068.9	0.00	I I
0	1297.4	0.00	I I
0	1574.8	0.00	I I
0	1911.4	0.00	I I
1	2320.0	0.13	I I
			I----------I----------I----------I----------I
789			0 40 80 120 160

APPENDIX VI
SOIL SAMPLE
PROBABILITY PLOTS


U257 CH 1991 SOILS
PROBABILITY PLOT
3.400
2.760
2.120
1.480
0.840
0.200
99
98
95
85
70
50
30
15
5
2
1
PERCENT
LOGARITHMIC VALUES
VARIABLE = AU
UNIT =
N = 789
N CI = 29



LOGARITHMIC VALUES

VARIABLE = CU

UNIT =

N = 789

N CI = 29

POPULATIONS

Pop.	Mean	Std.Dev.	%
1	1.3180	0.2836	86.1
2	2.2953	0.2167	13.1
3	2.8652	0.0574	0.8

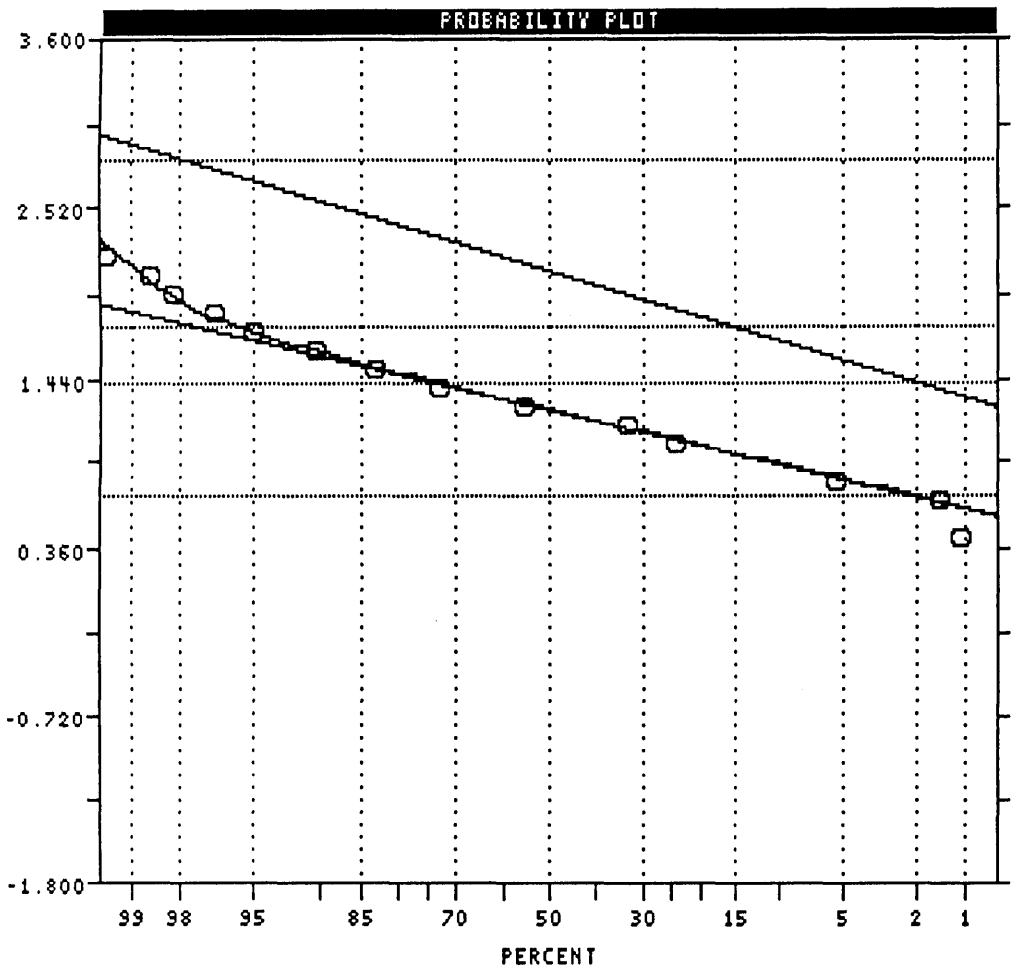
THRESHOLDS

Pop.		
1	0.7508	1.8852
2	1.8619	2.7287
3	2.7504	2.9800

CLASS INTERVAL ML

PARAMETER ESTIMATES

U257 CH 1991 SOILS



LOGARITHMIC VALUES

VARIABLE = PB

UNIT =

N = 789

N CI = 29

POPULATIONS

Pop.	Mean	Std.Dev.	%
1	1.2329	0.2699	97.8
2	2.1204	0.3514	2.2

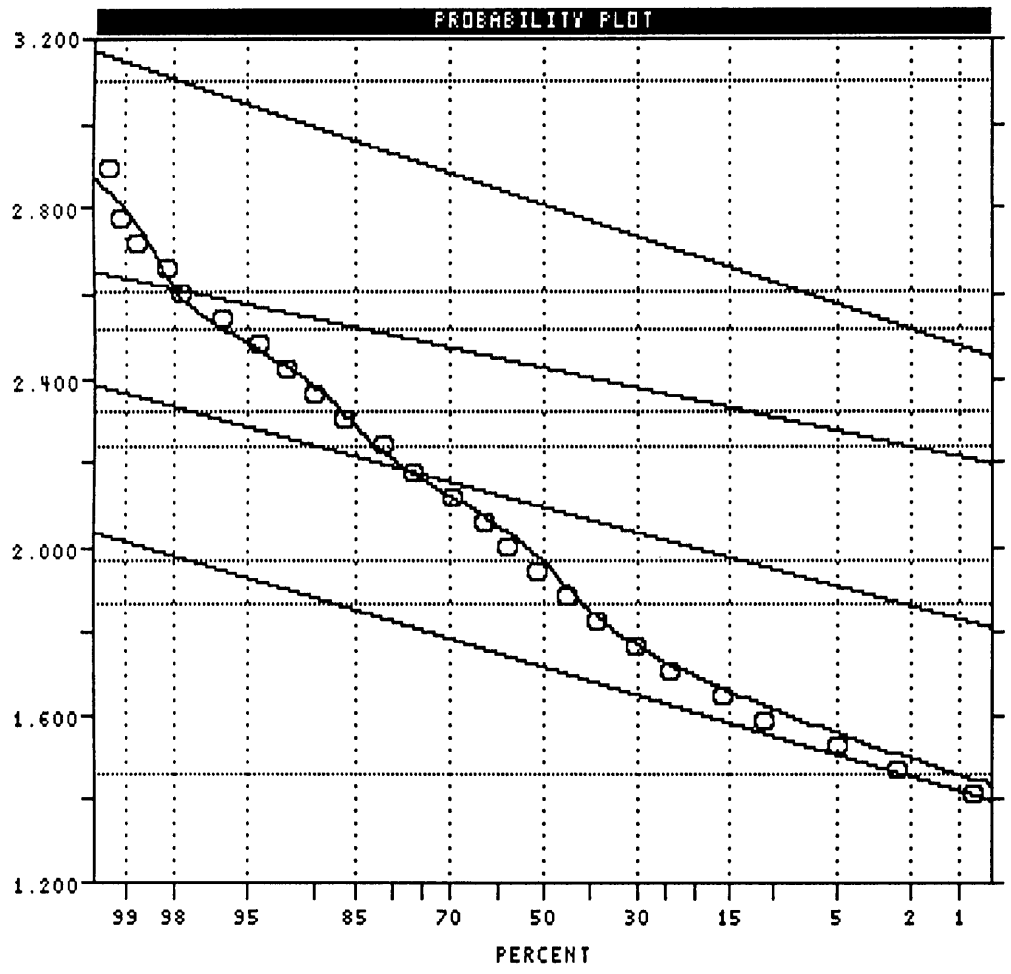
THRESHOLDS

Pop.		
1	0.6931	1.7726
2	1.4175	2.8232

RAW DATA ML

PARAMETER ESTIMATES

U257 CH 1991 SOILS



LOGARITHMIC VALUES

VARIABLE = ZN

UNIT =

N = 789

N CI = 29

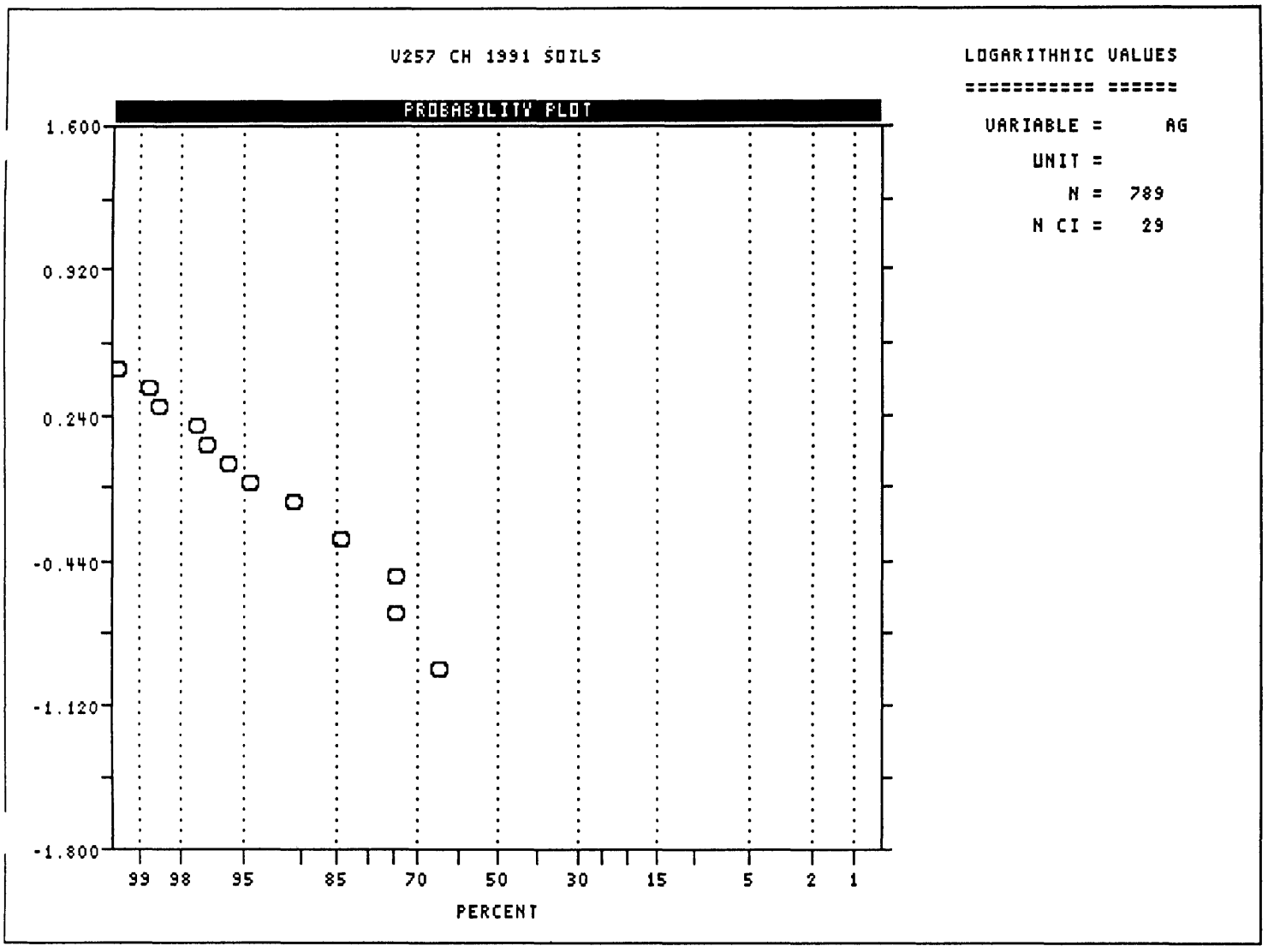
POPULATIONS

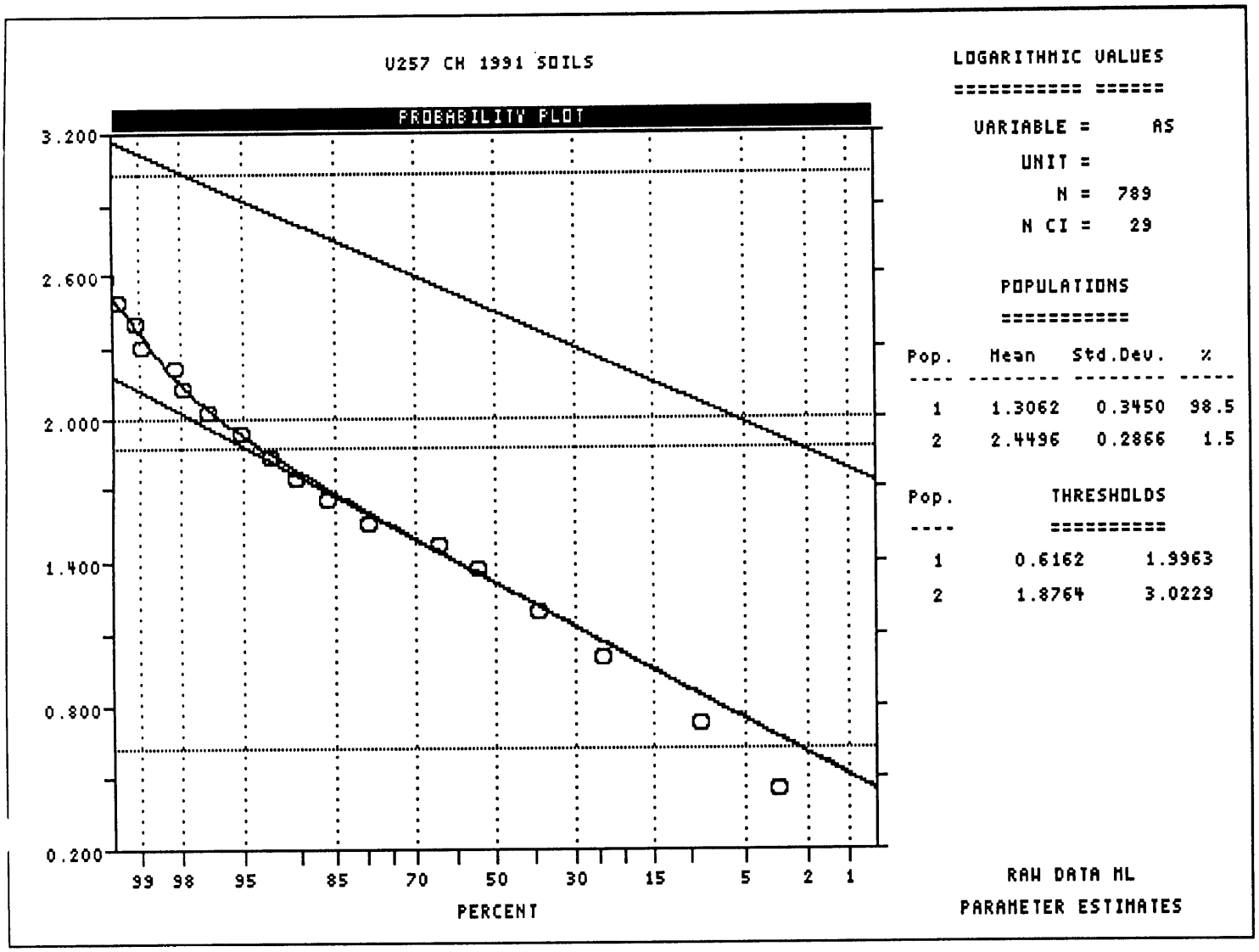
Pop.	Mean	Std.Dev.	%
1	1.7112	0.1281	45.0
2	2.0929	0.1163	41.0
3	2.4227	0.0907	12.0
4	2.8071	0.1449	2.0

Pop.	THRESHOLDS	
1	1.4550	1.9674
2	1.8602	2.3255
3	2.2412	2.6041
4	2.5173	3.0970

CLASS INTERVAL ML

PARAMETER ESTIMATES


V257 CH 1991 SOILS
PROBABILITY PLOT
1.600
0.920
0.240
-0.440
-1.120
-1.800
99
98
95
85
70
50
30
15
5
2
1
PERCENT
LOGARITHMIC VALUES
VARIABLE = AG
UNIT =
N = 789
N CI = 29


U257 CH 1991 SOILS
PROBABILITY PLOT
3.200
2.600
2.000
1.400
0.800
0.200
99 98 95 85 70 50 30 15 5 2 1
PERCENT
LOGARITHMIC VALUES
VARIABLE = AS
UNIT =
N = 789
N CI = 29
POPULATIONS
Pop. Mean Std.Dev. %
1 1.3062 0.3450 98.5
2 2.4496 0.2866 1.5
Pop. THRESHOLDS
1 0.6162 1.9963
2 1.8764 3.0229
RAW DATA ML
PARAMETER ESTIMATES

APPENDIX VII
GEOPHYSICAL REPORT

LOGISTICAL REPORT

MAGNETOMETER AND VLF SURVEYS

CH CLAIMS

VANDERHOOF AREA, BRITISH COLUMBIA

on behalf of

PLACER DOME INC.
1500 - 1055 Dunsmuir Street
Vancouver, B.C. V7X 1P1

Field work completed: March 8 to 24, 1991

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

March 28, 1991

TABLE OF CONTENTS

Appendix

Contents of Folder

1. INTRODUCTION

A grid was established, and magnetometer and VLF-EM surveys were conducted, over portions of the CH Claims, Vanderhoof Area, British Columbia, on behalf of Placer Dome Inc.

The work was performed by Scott Geophysics Ltd., within the period March 8 to 24, 1991.

This report describes the instrumentation and procedures used on the survey.

2. CLAIMS LOCATION AND ACCESS

The CH Claims are located some 130 kms south of Vanderhoof, B.C, immediately west of Chutanli Lake. Access to the survey area is via the Kluskus Main logging road, which trends southwesterly through the survey area.

3. SURVEY GRID AND SURVEY COVERAGE

A total of 82 line kilometers of crosslines were established and surveyed with magnetometer and VLF on the CH Claims. A 4 kilometer baseline was established at a bearing of 065 degrees true. The accompanying sketch map shows the approximate location of the grid, and the chainage notes tie the line locations to roads and other features.

4. PERSONNEL

Ken Moir, geophysical technician, was the party chief on the survey on behalf of Scott Geophysics. Lorne Warner, geologist, was the Placer Dome representative for the project.

5. INSTRUMENTATION

Two Scintrex IGS combined magnetometer/VLF receivers were used to perform the geophysical survey. A Scintrex IGS (MP4) base station magnetometer, cycling at a 10 second interval, was used to monitor and correct diurnal variations. The base station failed in the afternoon of March 18, 19, and 21, while surveying portions of lines 48300N, 48400N, 48600N, 48700N, 50000N and 50100N. That data was corrected from repeat readings and base station readings just prior to its failure and the end of the day. Magnetic conditions were quiet at the time and these corrections are believed to be adequate (to within 20 gammas).

A narrow magnetic high located at line 49300N/50490E exhibited too steep a gradient to read accurately with the proton magnetometers. This could be surveyed with a fluxgate magnetometer.

Due to periodic shutdown of the Annapolis (NSS) VLF station, it was necessary to use Cutler (NAA) for part of the survey. These stations have nearly the same orientation at the survey area and produce a similar response, with Annapolis giving a stronger signal.

The grid was established concurrently with the geophysical survey, and all line bearings were established by compass (backsight where feasible). Distances were measured by tight chaining, with the compassman as front chainman and the IGS operator as the rear chainman. The lines were flagged and blazed, and stations were identified with teflon tags at 20 meter intervals.

All data was archived to floppy disk and processed using Scintrex IGS and proprietary software.

6. RECOMMENDATIONS

A detailed interpretation of these results, and correlation to geological and geochemical data bases is required before any specific recommendations could be made.

Respectfully Submitted,

Alan Scott, Geophysicist

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

I, Alan Scott, hereby certify the following statements regarding my qualifications, and my involvement in the program of work described in this report.

1. The work was performed by individuals sufficiently trained and qualified for its performance.

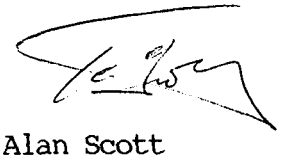
2. I have no material interest in the property under consideration in this report, nor in the company on whose behalf the work was performed.

3. I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970, and with a Master of Business Administration degree in 1982.

4. I am a member of the B.C. Geophysical Society and of the Society of Exploration Geophysicists.

5. I have been practicing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

Respectfully submitted,



Alan Scott

SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3
(604) 228 0237

GEOPHYSICAL SURVEY PRODUCTION REPORT

IGS SURVEY: MAGNETOMETER,VLF 21.4,24.0

Project No.: 9113 Client: Placer Dome Inc. Area: CH GRID Chutanli Lk.

Date	Lines surveyed and comments	Production
Fri Mar 8	Mobe Vancouver - P.G.	travel
Sat Mar 9	meet Lorne Warner in P.G. arrange accommodations at jobsite locate grid and setup for survey	travel
Sun Mar 10	50700E,50800E,50900E to S of BL 2000m of BL VLF 21.4	1600m survey 5000m gridding
Mon Mar 11	51000E,51100E,51200E,51300E,51400E, 51500E,50800E to S of BL VLF 21.4 DUMP 01	6400m survey 6000m gridding
Tues Mar 12	51600E,51700E,51800E,51900E,52000E. S of BL and all of 52000E. NOTE: All lines VLF 24.0 Cutler DUMP 02	6000m survey 6000m gridding
Wed Mar 13	50600E,50500E,50400E,48000E to S of BL 2000m of BL VLF 21.4 DUMP 03	3500m survey 5500m gridding
Thurs Mar 14	NOTE:All lines VLF 24.0 except 50100E. 50300E,50200E,50100E,50000E,49900E, 49800E to S of BL. Both VLF stations went off air for a while today. DUMP 04	6000m survey 6000m gridding 620m extra vlf
	Totals (this wk)	23500m survey 28500m gridding
	Totals (to date)	23500m survey 28500m gridding

Remarks:

Personnel:	F	S	S	M	T	W	T
Ken Moir	m	m	i	i	i	i	i
Mark Kachaluba	m	m	g	i	i	g	i
Sean Mellows	m	m	g	g	g	i	g
Bill Deakin	m	m	g	g	g	g	g

i = igs operator g = gridding
m = mob/demob s = standby

Signed: _____ Date: Mar 28/91

SCOTT GEOPHYSICS LTD. (604) 228 0237
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

GEOPHYSICAL SURVEY PRODUCTION REPORT

IGS SURVEY: Magnetometer,VLF 21.4,21.0

Project No.: 9113 Client: Placer Dome Inc. Area: CH GRID - Chutanli Lk.

Date	Lines surveyed and comments	Production
Fri Mar 15	49700E,49600E,49500E. - Complete VLF 21.4 DUMP 05	6000m survey 6000m gridding
Sat Mar 16	49400E,49300E,49200E. - Complete VLF 21.4 49300/50500 mag gradient too steep DUMP 06	6000m survey 6000m gridding
Sun Mar 17	49100E,49000E,48900E. - Complete VLF 21.4 DUMP 07	6000m survey 6000m gridding
Mon Mar 18	48800E,48700E,48600E. - Complete VLF 21.4 Base mag failed in afternoon DUMP 08 & BASE08	6000m survey 6000m gridding
Tues Mar 19	50300E,50200E,50100E,50000E,49900E, 49800E - to the N. VLF 24.0 except 50100E (21.4) Base mag backup battery failed in afternoon DUMP 09 BASE09	6000m survey 6000m gridding 380m extra VLF
Wed Mar 20	50400E,50500E,50600E,50700E,50800E - to the N,and all of 50900E. VLF 21.4 DUMP 10	7000m survey 6000m gridding
Thurs Mar 21	48500E,48400E,48300E - Complete VLF 21.4 Base mag failed in afternoon DUMP 11 BASE11	6000m survey 6000m gridding
	Totals (this wk)	43000m survey 42000m gridding
	Totals (to date)	66500m survey 70500m gridding

Remarks:

Personnel:	S	M	T	W	T	F	S
Ken Moir	g	g	g	g	g	g	g
Mark Kachaluba	i	i	i	i	i	i	i
Sean Mellows	i	g	i	i	g	i	g
Bill Deakin	g	i	g	g	i	g	i

i = igs operator g = gridding
m = mob/demob s = standby

Signed: _____ Date: Mar 28/91

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GEOPHYSICAL SURVEY PRODUCTION REPORT

IGS SURVEY: MAGNETOMETER,VLF 21.4,24.0

Project No.: 9113 Client: Placer Dome Inc. Area: CH GRID - Chutanli Lk.

Date	Lines surveyed and comments	Production
Fri Mar 22	48200E,48100E,48000E. - Complete VLF 21.4 DUMP 12	6000m survey 6000m gridding
Sat Mar 23	51000E,51100E,51200E,51300E,51400E, 51500E,to the N. VLF 21.4 DUMP 13	6000m survey 6000m gridding
Sun Mar 24	51600E,51700E,51800E,51900E,to the N. VLF 24.0 DUMP 14	4000m survey 4000m gridding
Mon Mar 25	Ken and Mark to another project Bill and equipment demob	travel (1/2 crew day)
Thurs		
Fri		
Sat		

Remarks:

Totals (this wk)	16000m survey 16000m gridding
Totals (to date)	82500m survey 86500m gridding

Personnel:	F	S	S	M	T	W	T
Ken Moir	g	g	g	m			
Mark Kachaluba	i	i	i	m			
Sean Mellows	i	i	i	m			
Bill Deakin	g	g	g	m			

i = igs operator g = gridding
m = mob/demob s = standby

Signed: _____ Date: Mar 28/91