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**GEOCHEMICAL AND GEOLOGICAL
ASSESSMENT REPORT**

For The
**BOGG 1-4, 7-20; CC 1-8; WIND 3
KAMLOOPS/CLINTON MINING DIVISION
NTS 92P10E/9W**

LATITUDE 51°37'N LONGITUDE 120°31'W

**OWNED BY: GERRY RAYNER & ASSOCIATES
c/o 319-470 Granville Street
Vancouver, B.C. V6C 1V5**

**OPERATED BY: PLACER DOME INC.
401-1450 Pearson Place
Kamloops, B.C. V1S 1J9**

KELLY EDWARDS, B.Sc. GEOLOGY

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Part 1 of 3
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,776

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1.0 SUMMARY

During the 1991 exploration program on the Bogg property, regional mapping, reconnaissance and grid soil sampling have identified large alteration zones with scattered gold, copper, lead and silver mineralization. Gold mineralization is associated with a northwest trending quartz-carbonate altered shear zone while copper-lead-silver mineralization is associated with syenitic to monzonitic intrusive bodies. The best potential for economic copper-gold-silver mineralization exists where the quartz-carbonate alteration zone crosscuts the syenitic to monzonitic intrusive bodies.

2.0 INTRODUCTION

Previous exploration on the Bogg property focused on porphyry style copper mineralization while more recent exploration has been for gold mineralization. The 1991 program established the regional geology of the area and a soil geochemical program was conducted over the main areas of interest for both copper and gold mineralization.

3.0 DESCRIPTION OF PROPERTY

3.1 Location and Access

The Bogg Property is located 50 km east of 100 Mile House and 35 km northwest of Little Fort (See Figure 1). The claims straddle Map Sheets 92P/10E and 9W and are roughly centred at latitude 51° 37'N and longitude 120°31'W.

Access to the Bogg Claims is gained by the Wavey Lake Logging Road which extends from Highway 24, east of Little Fort. An old exploration and drilling road 16 km up the Wavey Lake Road provides access to the centre of the claims. The CC Claims can be accessed either from the Wavey Lake Road or from the Taweel Lake Logging Road, also extending from Highway 24. The Wind 3 Claim can be accessed by following the Bowers Lake Road, past Sulphurous and Hathaway Lakes.

3.2 Physiography and Climate

Elevation on the property ranges from 1200 m to 1600 m above sea level. Glaciation has produced 'U' shaped valleys and rolling hills. Mature fir and spruce forests cover most of the area, although some of the forests on the CC Claims have been logged. Logging on the central part of the Bogg Claims will commence in 1995.

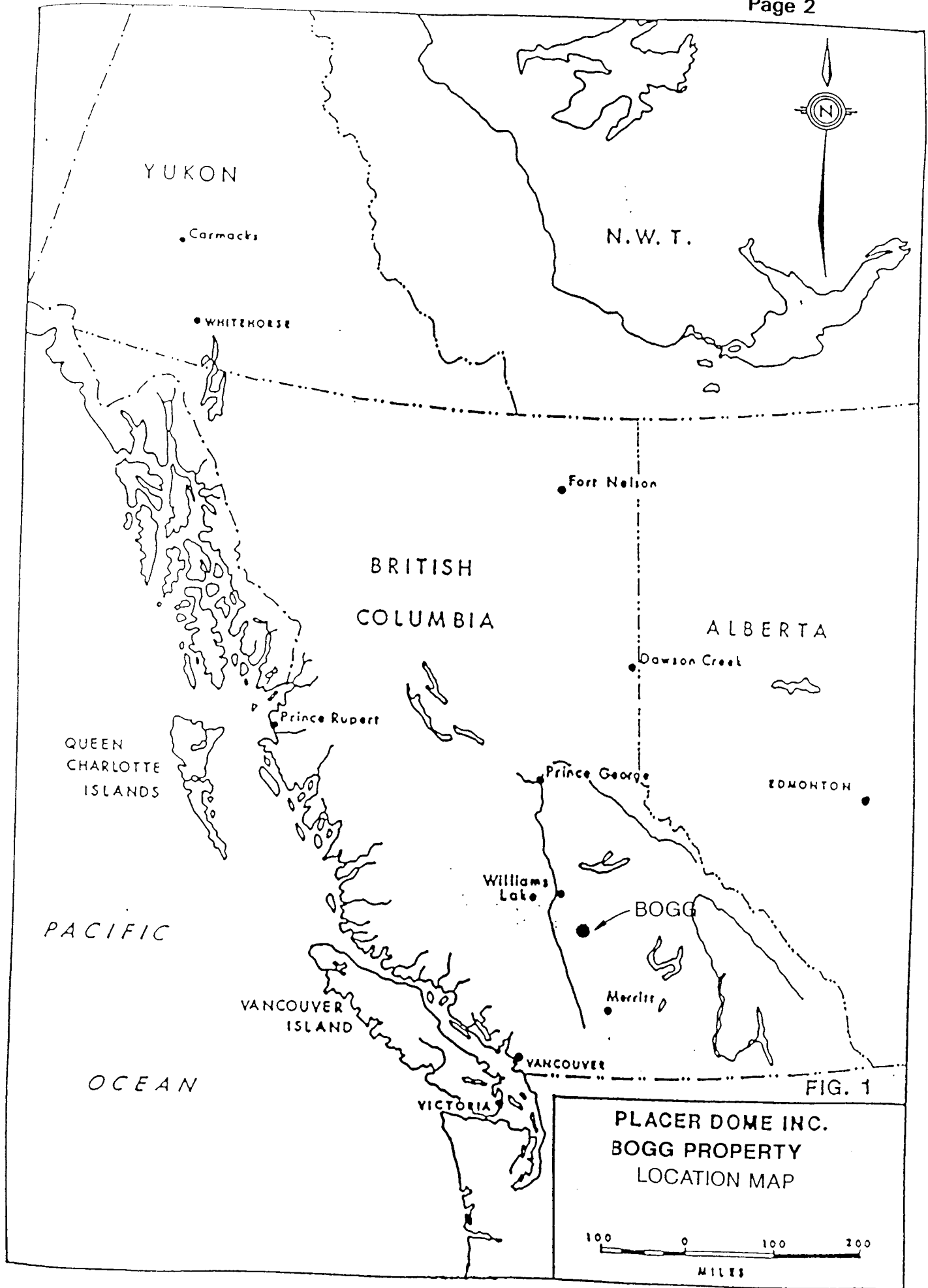


FIG. 1

PLACER DOME INC.
BOGG PROPERTY
LOCATION MAP

100 0 100 200
MILES

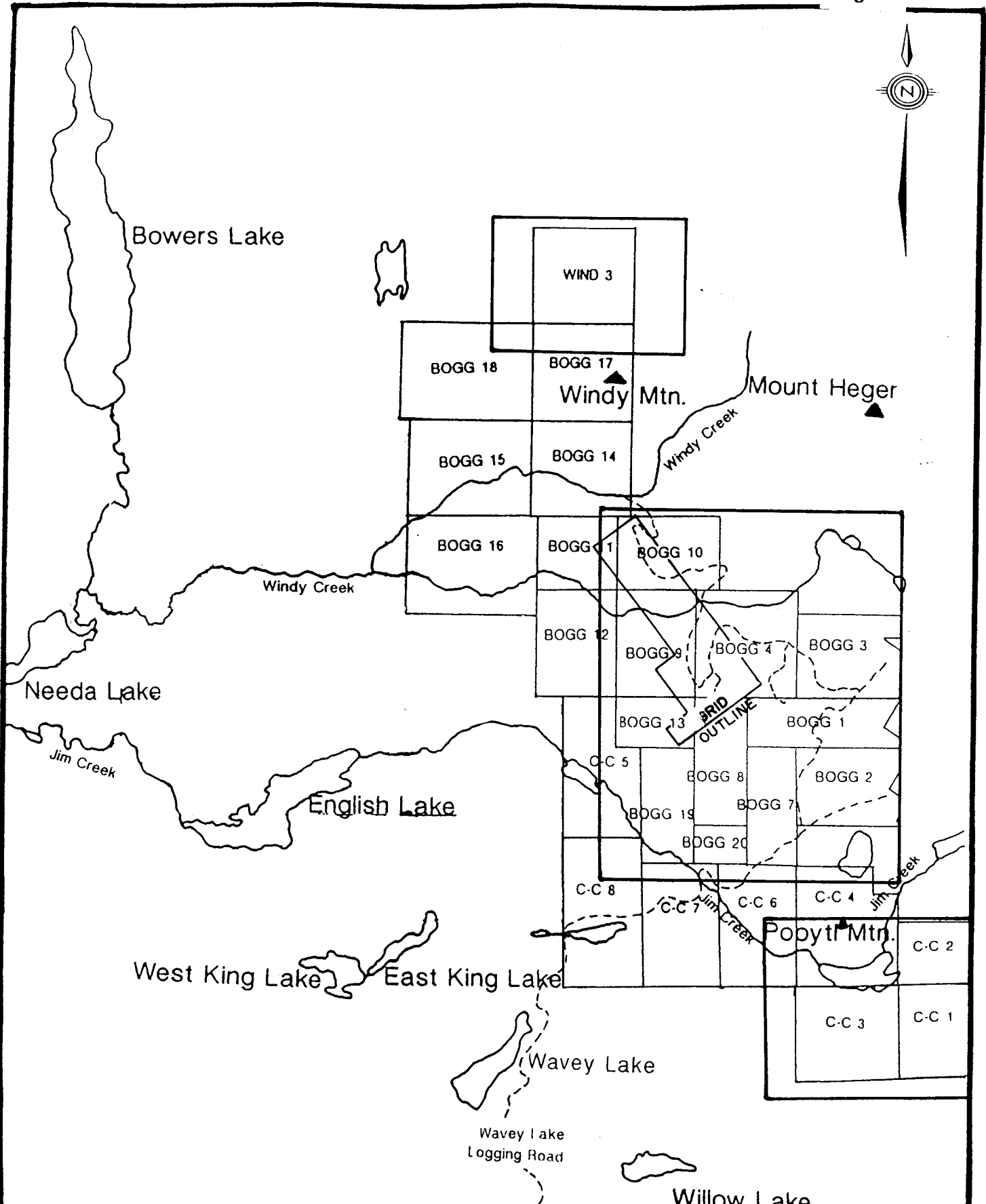
Temperatures on the property range from 30° C in the summer to -30° C in the winter. Annual precipitation averages 35 cm. Suitable weather for exploration can be expected from June to October, however snow and abundant rainfall may occur in June and October.

3.3 Property Status

The Bogg property consists of the Bogg 1-4, 7-20, CC 1-8 and Wind 3 mineral claims totalling 376 units (See Figure 2). All claims are located on crown land and straddle the Kamloops and Clinton Mining Divisions. Expiry dates listed below take in to account the work completed during the 1991 field season.

TABLE 1 BOGG PROPERTY CLAIM STATUS

<u>CLAIM NAME</u>	<u>UNITS</u>	<u>RECORD NUMBER</u>	<u>NEW NUMBER</u>	<u>EXPIRY DATE</u>
Bogg 1	12	6271	217442	95.06.24
Bogg 2	12	6272	217443	95.06.24
Bogg 3	12	6273	217444	95.06.24
Bogg 4	16	6274	217445	95.06.24
Bogg 7	10	7059	217790	95.05.29
Bogg 8	10	7060	217791	95.05.29
Bogg 9	15	7061	217792	95.05.29
Bogg 10	12	7220	217850	95.08.05
Bogg 11	9	7221	217851	95.08.05
Bogg 12	12	7222	217852	95.08.05
Bogg 13	6	7223	217853	95.08.05
Bogg 14	16	9336	219258	95.05.14
Bogg 15	20	2425	208333	95.10.15
Bogg 16	20	2426	208334	95.10.15
Bogg 17	16	3192	208953	95.02.11
Bogg 18	20	3193	208954	95.02.11
Bogg 19	10	9337	219259	95.05.13
Bogg 20	4	9338	219260	95.05.13
CC 1	12	9206	219128	94.04.09
CC 2	9	9207	219129	94.04.09
CC 3	16	9208	219130	94.04.08
CC 4	20	9209	219131	94.04.08
CC 5	18	9211	219133	95.04.09
CC 6	20	9210	219132	94.04.09
CC 7	15	9212	219134	94.04.09
CC 8	12	9213	219135	95.04.10
Wind 3	16	3191	208952	94.02.11



PLACER DOME INC.
Claim Location Map
 November 1991 Scale 1:100,000
 FIGURE 2 NTS 92P/9W-10E

4.0 WORK HISTORY

Exploration has been conducted in the area of the current claims since 1965. Various geochemical, geological and geophysical surveys as well as trenching and drilling have explored large portions of the Bogg Claims for porphyry copper type mineralization. Little work was conducted for possible gold mineralization.

From 1965 to 1970, Anaconda American Brass conducted soil geochemical and induced polarization surveys over most of the Bogg 1, 3, 4 and 8 claims exploring for porphyry copper mineralization. Trenching and percussion drilling followed with only limited success.

Gerry Rayner staked the area in 1971 and has optioned it to various companies since then. Prism Resources mapped the property in 1972 for Gerry Rayner.

Cities Services optioned the property from 1973 to 1975 and conducted soil and rock geochemical surveys, induced polarization and magnetic surveys over the same area as Anaconda American Brass. Geological mapping, trenching and percussion and diamond drilling followed, but failed to find economic copper mineralization other than the local showings.

Limited soil geochemical surveys and VLF-EM geophysical surveys completed by Commonwealth Minerals in 1978 did not locate any new mineralization.

Stan Zastavnikovich initiated exploration for gold mineralization by a regional stream sediment survey in 1986. Geotech Capital Corporation optioned the property from 1987 to 1989 and conducted a grid soil geochemical survey followed by induced polarization and diamond drilling over the Bogg 9, 10 and 11 Claims. Minor, noneconomic gold mineralization was encountered in quartz-carbonate altered volcanic rocks.

In 1990, Placer Dome Inc. completed detailed mapping, soil sampling and magnetic and VLF-EM surveys over the grid established by Geotech Capital Corporation. Reconnaissance soil sampling was conducted over Pooytl Mountain on the CC Claims. During the 1991 field season, regional mapping of most of the property was completed, along with both grid and reconnaissance soil geochemical surveys. The trenches created by Anaconda American Brass and Cities Services were resampled to assess potential gold mineralization.

5.0 GEOLOGY

5.1 Regional Geology

The property is situated along the western margin of the Quesnel Trough which consists of upper Triassic-lower Jurassic Nicola Group volcanic and sedimentary rocks (Figure 3). Coeval or comagmatic Triassic and Jurassic dykes and stocks intrude the Nicola Group. Composition of the intrusive rocks ranges from diorite to syenite. Both Oligocene Kamloops Group and Miocene Skull Hill Formation volcanic rocks lie unconformably over portions of the Nicola Group and the associated intrusive rocks. Several major northwest and smaller northeast trending faults cross cut the area.

5.2 Property Geology

The distribution of the various rock types on the Bogg property is a compilation of previous detailed and 1991 regional mapping on the property by Dave Bailey (Fig. 4, 5, 6).

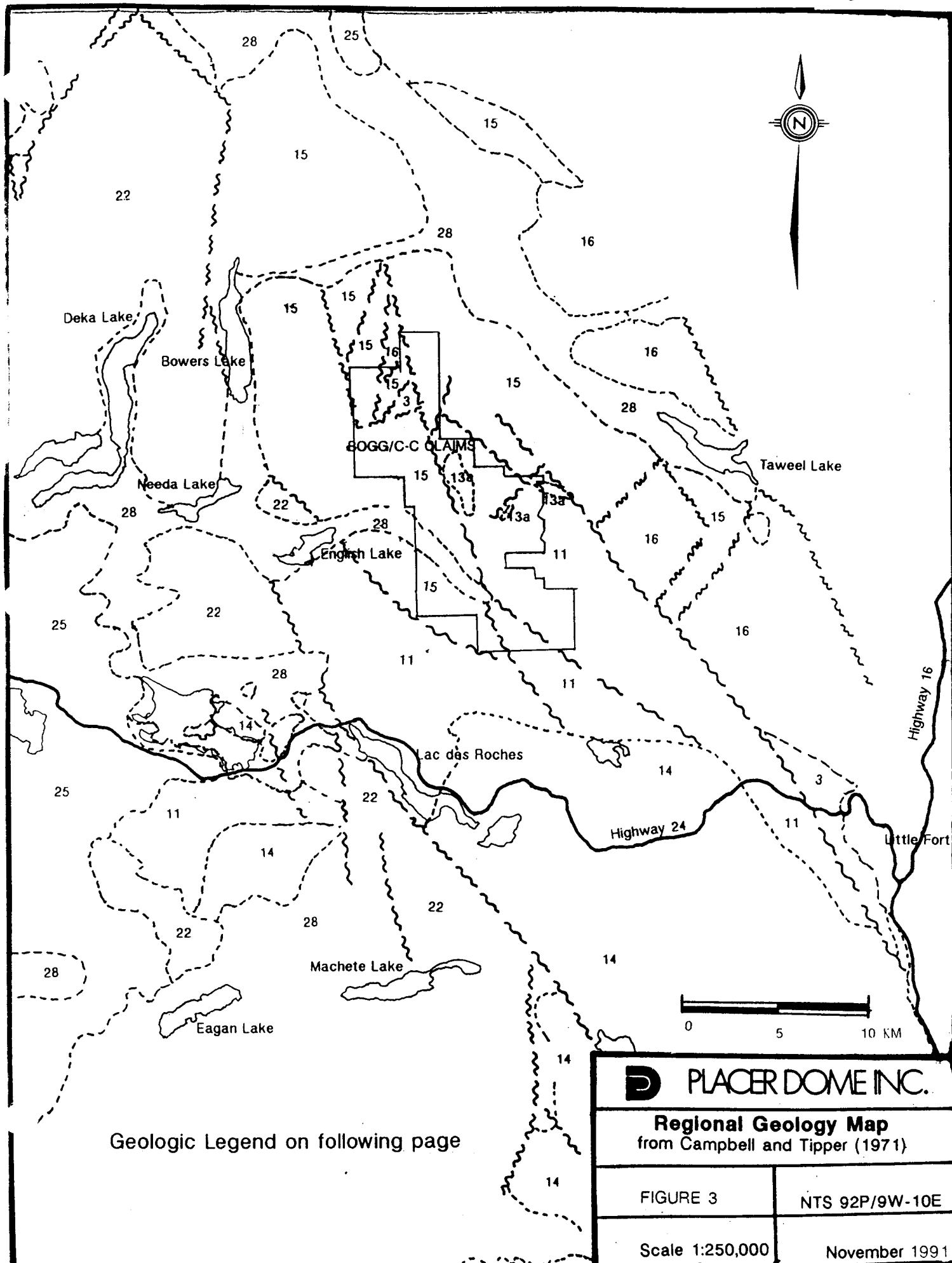
The Triassic to Jurassic Nicola Group volcanic and sedimentary rocks can be divided into three main rock types. These rocks strike to the northwest and dip to the northeast; they become progressively younger to the northeast.

The oldest of the Nicola Group rocks (Unit 1) outcrops on the southwestern portion of the CC Claims, south of Jim Creek. The rocks consist of basalt flows, fragmental and pyroclastic rocks with polyolithic fragments comprising up to 50% of the rock. Minor interbedded sandstones and siltstones increase in frequency towards the contact with Unit 2.


Unit 2 consists of massive to bedded siltstones and mudstones with minor associated sandstones. This unit extends from the CC Claims northwest to cover portions of the Bogg 7, 8, 13 and 9 claims.

Felsic to intermediate flows, polyolithic fragmental tuffs and associated sediments comprise Unit 3, which covers the northeastern portion of the property. Some porphyritic tuffs and flows are in this unit.

Unit 4 consists of high level monzonites to diorites with both intrusive and extrusive characteristics. Porphyritic rocks are common and some primary potassium feldspar is evident in the fine grained matrices of the rocks. This unit is only sporadically located on the property.



Geologic Legend on following page

 PLACER DOME INC.	
Regional Geology Map from Campbell and Tipper (1971)	
FIGURE 3	NTS 92P/9W-10E
Scale 1:250,000	November 1991

GEOLOGIC LEGEND

QUATERNARY

PLEISTOCENE AND RECENT

28

Till, gravel, clay, silt, alluvium, (few if any bedrock exposures)

TERTIARY

MIOCENE AND/OR PLIOCENE

25

Plateau lava; olivine basalt, basalt andesite, related ash and breccia beds; basaltic arenite; 25a, olivine gabbro plugs

EOCENE AND (?) OLIGOCENE

KAMLOOPS GROUP (21, 22)

22

SKULL HILL FORMATION: dacite, trachyte, basalt, andesite, rhyolite, related breccias

CRETACEOUS

20

RAFT AND BALDY BATHOLITHS AND SIMILAR GRANITIC ROCKS: biotite quartz monzonite and granodiorite; minor pegmatite, aplite, biotite-hornblende, quartz monzonite; 20a, quartz diorite, diorite, granodiorite (may include some older rocks); 20b, aplite, leuco-quartz monzonite and granite

JURASSIC

SINEMURIAN TO (?) MIDDLE JURASSIC

16

Porphyritic augite andesite breccia and conglomerate; minor andesite, arenite, tuff, argillite, and flows (may include some 11; 16a, isolated areas of hornblende andesite (may be all or partly intrusive)

15

Andesitic arenite, siltstone, grit, breccia and tuff; local granite bearing conglomerate, greywacke; minor argillite and flows (may include some 11)

TRIASSIC OR JURASSIC

RHAETIAN OR HETTANGIAN

14

THUYA AND TAKOMKANE BATHOLITHS AND SIMILAR GRANITIC ROCKS: hornblende-biotite quartz diorite and granodiorite, minor hornblende diorite, monzonite, gabbro, hornblende; 14a, diorite and syenodiorite; 14b, leuco-quartz monzonite and granodiorite

13

13a, fine- to medium-grained, pink to brown and grey syenite and monzonite; 13b, medium-grained, creamy-buff, locally coarsely porphyritic (K-feldspar) syenite and monzonite

TRIASSIC

KARNIAN AND NORIAN

NICOLA GROUP

11

Augite andesite flows and breccia, tuff, argillite, greywacke, grey limestone; 11a, includes minor 3 and 10

10

Black shale, argillite, phyllite, siltstone, black limestone

PENNSYLVANIAN AND PERMIAN

MORROWAN TO GUADALUPIAN

3

Volcanic arenite, greenstone, argillite, phyllite; minor quartz-mica schist, limestone, basaltic and andesitic flows, amphibolite, conglomerate and breccia; includes small bodies of 16a

MISSISSIPPIAN AND/OR LATER

SLIDE MOUNTAIN GROUP

2

FENNEL FORMATION: pillow lava flows, greenstone, foliated greenstone, greenschist, argillite, chert, minor amphibolite, limestone, breccia

Intrusive rocks on the property consist of three main types. Leucomonzonites of Unit 5 occur in the central portion of the claim group subparallel to the major northwest structural trend in the area.

Small dykes and plugs of grey to pink porphyritic to fine grained syenite, Unit 6, also outcrop on the central portion of the claims. Associated with these intrusions, are pyroxene and pyroxene-potassium feldspar-calcite dykes and veinlets which crosscut the intrusion and sometimes the neighbouring host rock.

A large quartz monzonite body (Unit 7) intrudes the Nicola volcanic and sedimentary sequence northwest of Spectacle Lakes. Large pink potassium feldspar phenocrysts up to 1 cm and few mafic minerals characterize this rock type.

5.3 Structural Geology

The southern contact of the large quartz monzonite intrusion (Unit 7) follows a large northwest-southeast trending fault and shear zone which extends through the Bogg 9 claim. Numerous northeast-southwest trending faults cross cut the Nicola lithologies and postdate the shear zone. Streams generally follow the trace of the fault on surface. North-south trending features are visible in the centre of the property as airphoto lineaments and are outlined by an alignment of swamps.

5.4 Alteration and Mineralization

Greenschist grade regional metamorphism is widespread in the Nicola volcanic sequence and is indicated by weak to moderate chlorite alteration within the volcanic rocks. Also, up to 4% pyrite may be disseminated in these rocks as a function of the regional metamorphism. Localized moderate to intense chloritization with epidote, carbonate and minor potassium feldspar veining exists in rocks adjacent to intrusions due to hydrothermal alteration during emplacement of the intrusions.

Intense quartz-carbonate alteration accompanies the large northwest-southeast trending shear zone. The alteration zone is 200 to 300 m wide at surface and extends for over 1.5 km along strike. Silicification with several episodes of quartz and carbonate veining characterize the alteration which occurs in volcanic rocks of Unit 3 and monzonitic rocks of Unit 5. Up to 5% fracture controlled and disseminated pyrite with trace amounts of chalcopyrite occur within the zone to the southeast, with decreasing pyrite content to the northwest. Anomalous copper, lead and silver values occur in rocks and soils in the southeastern portion of the alteration zone while anomalous but sporadic gold in rocks and soils has been detected in the northwestern portion of

the zone. Late stage quartz-carbonate veins striking perpendicular to the main shear are generally not mineralized.

Porphyry type copper mineralization occurs at the High Grade Cu-Ag Showing in the centre of the Bogg Claims. In this area, small syenitic dykes of Unit 6 intrude volcanic rocks of Unit 3. Disseminated and fracture controlled chalcopyrite and bornite occur within the syenites and to a limited extent in the adjacent volcanic wall rocks. Along the margins of the dykes, mineralized intrusive matrix surrounds angular volcanic fragments of Unit 3. Associated with the last stages of emplacement of the syenite are minor pyroxene-potassium feldspar-calcite veinlets and stringers that sometimes contain chalcopyrite and galena.

6.0 ROCK GEOCHEMICAL SURVEY

During prospecting and reconnaissance scale mapping, 98 grab samples were taken based on mineralization and or alteration. Old trenches on the property were resampled. Only representative grab samples of the trenches were taken; all of the trenches are slumped in and chip sampling was not possible.

6.1 Sample Collection

Sample locations were marked with orange flagging in the field. Approximately 1 to 2 kg 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.

6.2 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 in Appendix I.

6.3 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. Basic statistics were performed on the results.

6.4 Map Preparation

Rock sample and trench locations as well as outcrops, streams, lakes, swamps, topographic contour lines and roads have been digitized

using U.T.M. coordinates into CADD (Computer Aided Drafting and Design). The CADD program was used to overlay plots of rock sample locations with a modified topographic base map. The final maps were produced at a 1:5 000 scale.

6.5 Discussion of Results

Descriptions of each rock sample are given in Appendix II, followed by analyses and statistical information in Appendix III and IV, respectively. Basic statistics on gold, copper, silver and lead values for the rocks is given below. Figures 4 through 7 illustrate sample locations with corresponding geochemical values for the Bogg, Wind and CC Claims respectively.

TABLE 2 ROCK ELEMENT STATISTICS

ELEMENT	MINIMUM VALUE (ppm)	MAXIMUM VALUE (ppm)	GEOMETRIC MEAN (ppm)	STANDARD DEVIATION (ppm)
Gold	2.5ppb	190ppb	8.5ppb	30ppb
Silver	0.1	10.4	0.30	1.63
Lead	1.0	1692	30	354
Copper	0.5	1300	94	274

6.5.1 Bogg Claims

There is little correlation between rocks with high gold content and those with high copper, silver or lead values.

GOLD

Elevated gold content (up to 190 ppb) is concentrated in rocks within the quartz-carbonate altered shear zone that outcrops over the length of the property. Within the alteration zone, however, gold values are sporadic and generally below 100 ppb. Rock samples taken during the 1990 field season show a similar distribution of gold within the quartz-carbonate alteration zone. From the 1990 data, gold (up to 590 ppb) occurs in rocks adjacent to the quartz monzonite (Unit 7) intrusive body in the southeast portion of the property.

LEAD AND SILVER

Lead and silver mineralization have a very high correlation coefficient of 0.797, suggesting that silver is directly associated with lead, mainly galena mineralization. Galena occurs with pyroxene-calcite-potassium feldspar veinlets in fractured and brecciated mafic volcanic

rocks of Unit 3 in trenches on the eastern portion of the property (Trenches 1, 2, 3, 7, 8, 10, 11, 13 and 14). In rock samples where lead values exceed 60 ppm, corresponding silver values are greater than 0.2 ppm and range from 0.6 ppm to 10.4 ppm. In one sample, lead in the rock returned a value of 1684 ppm lead and 10.4 ppm silver. Some chalcopyrite also occurs in these rocks. Non-mineralized monzonitic to syenitic dykes and plugs are often found proximal to this type of mineralization.

In the southeast portion of the quartz-carbonate alteration zone, minor amounts of galena are associated with white quartz veins. Of ten grab samples taken from trenches 4 and 5, five of the samples have lead values greater than 100 ppm and corresponding silver values greater than 1 ppm. These white quartz veins are localized only in this section of the alteration zone and do not extend to the northwestern portion of the shear zone.

COPPER

Rocks with anomalous copper are sporadically distributed throughout the property and can be divided into three main types of mineralization.

1. From ten samples of copper mineralization associated with syenitic dykes of Unit 6, six of the samples returned values over 100 ppm, with a high of 504 ppm copper. Samples taken in 1990 from the High Grade Showing contain over 2% copper in places. Disseminated and fracture controlled chalcopyrite and minor bornite occur within the crowded feldspar porphyry dykes and to some extent in the altered volcanic wall rocks. Mineralization within the dykes and the wall rocks is minimal and cannot be traced to any extent.
2. Mineralization within the re-sampled trenches on the eastern portion of the Bogg Claims represents the second type of copper mineralization with associated lead and silver. Volcanic tuffs and fragmental units contain abundant pyroxene-calcite-potassium feldspar rich veinlets and stringers with chalcopyrite and galena. Copper values in the rocks range between 35 ppm and 1300 ppm, and average 267 ppm copper. Copper mineralization is sporadic and not as extensive as the associated lead-silver mineralization.
3. Grab samples were taken from trenches 4 and 5, located south of the High Grade Showing within the southeastern portion of the quartz-carbonate alteration zone. Of the ten samples, copper values range from 33 to 1119 ppm copper and average 440 ppm copper. Disseminated chalcopyrite with some fracture controlled

chalcopyrite are the main mineralization phases. These types of mineralization are considerably different than the lead-silver mineralization in the same area. Galena is confined mainly to quartz veins with little chalcopyrite.

6.5.2 Wind and CC Claims

Limited rock samples were taken on both the Wind and CC Claims. Prospecting on the Wind Claim failed to detect any significant mineralization. On the CC Claims, where limited outcrop occurs, prospecting again failed to uncover significant mineralization. The three rock samples taken on these claims are unaltered and unmineralized siltstones-sandstones of Unit 2.

7.0 SOIL GEOCHEMICAL SURVEY

The 1991 soil survey of 1684 samples comprised both reconnaissance and grid type surveys. The Bogg Grid established by Geotech Capital Corporation was resampled, while the Wind 3 and CC claim group was covered by a reconnaissance soil program.

The property has been extensively glaciated and most overburden is a mix of basal glacial till and local residual soils. Some fluvio-glacial deposits do exist; the dominant ice direction is from the north to the south-southwest. Overburden ranges in thickness from a thin veneer over bedrock to several metres in valley bottoms and swamps.

On the Bogg Claims, the soils are predominantly residual at the north end of the Bogg Grid, with a red to red-brown well developed B horizon. In most other areas of the property, clay rich glacial till predominates with a poorly developed soil horizon. Several different layers of till are recognized in the central part of the Bogg Claims with varying amounts of locally derived and foreign particles. Overburden thickens to the east and foreign, round boulders increase in number around Spectacle Lakes. Soils on the Wind 3 Claim are similar to that of the Bogg Claims and consist of poorly developed till layers over bedrock.

The CC Claims cover an area surrounding Jim Creek and probably represent a glacial outwash plain. Soils are not well developed and recent logging has disturbed much of the ground.

7.1 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.

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 60 cm and averaged 35 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.

7.2 Sample Preparation and Analysis

The reconnaissance soil samples and samples taken along new extensions of the Bogg Grid were analyzed for gold geochem and 30 element ICP (Induced Coupled Plasma). A total of 446 samples were analyzed for both gold and 30 element ICP. Where the Bogg Grid had been previously sampled and analyzed for gold, the 1238 samples taken this year were analyzed for 30 element ICP only. All methods used by Ecotech are given in Appendix I.

7.3 Data Treatment

A list of analytical results for these soil samples is given in Appendix V. For map generating purposes, all recent and previous soil geochemical analyses (up to 2528 soil samples) were merged together to produce a complete series of geochemical maps. Basic statistics (Appendix VI) were employed on certain elements within the merged group of analyses. Element concentrations were grouped into ranges based on percentiles to determine symbol sizes to be plotted on geochemical maps. Probability plots were used to separate populations within the sample set for certain elements.

7.4 Map Preparation

Soil sample locations as well as all topographical features were digitized using UTM coordinates. CADD was used to plot maps and overlays of the geochemical data relative to the modified topographical base map. Maps are plotted at a scale of 1:5 000. Symbols, based on percentiles, are plotted on the maps along with the actual element concentration for each sample.

7.5 Discussion of Results

A total of 1684 soil samples was taken during the 1991 field season. Complete chemical analyses for each sample are given in Appendix V, along with statistical information in Appendix VI, for all soil samples taken on the Bogg Property. Geochemical plots for the Bogg

Claims, the Wind 3 and CC Claims are illustrated in Figures 7 through 23. Basic statistics for certain elements is given below.

TABLE 3 SOIL ELEMENT STATISTICS

ELEMENT	MINIMUM VALUE (ppm)	MAXIMUM VALUE (ppm)	GEOMETRIC MEAN (ppm)	STANDARD DEVIATION (ppm)
Gold	1.0ppb	5280ppb	4.0ppb	119ppb
Lead	1.0	648	19	24
Copper	0.5	1943	47	85
Arsenic	2.0	195	11	14

Interpretation of the soil geochemical data was based on the recognition of patterns within the distribution of the element data. Both silver and zinc provided little information on possible anomalous areas. Elevated silver values consist of spot highs or are related to depressions, swamps and streams. Zinc shows a similar pattern, however, values tend to be low in soils overlying the quartz monzonite intrusion (Unit 7).

The quality of most of the soil samples is good. Iron in the samples is typically between 1 and 10%, indicating few leached samples and few falsely enriched samples. Manganese is generally less than 5000 ppm, also indicating few falsely enriched samples. Calcium is low; organic content is minimal.

7.5.1 Bogg Claims

A moderate statistical correlation exists between copper and lead for specific soils. Gold in soils tends to be a single element anomaly with few other associations. Arsenic in soils tends to be associated with both gold and copper-lead anomalous values but is much more sporadic than copper, lead or gold.

Gold (Figs. 8, 9)

Anomalous gold distribution in soils can be divided into two main groups based on geology; those associated with the quartz-carbonate alteration zone, and ones that overlie the contact between the quartz monzonite and silicified, altered wall rocks. For both groups of soil anomalies, gold tends to be concentrated in the soils relative to the underlying bedrock and values are restricted to areas with minimal overburden. In regions with overburden greater than a thin veneer, no gold values occur, regardless of geology and potential mineralization.

Anomaly A: Gold in soils occur on the southern portion of the Bogg Grid in areas where the soil overlies quartz monzonites of Unit 7.

Approximately 50 soil samples, ranging from 2.5 ppb to 245 ppb gold, with most over 25 ppb, comprise this anomaly. The soils tend to be concentrating gold relative to the underlying bedrock. Some of the altered volcanic rocks adjacent to the intrusive returned values up to 590 ppb gold from the 1990 field season, however, these values were sporadic. Minor gold up to 350 ppb within the intrusive is related to quartz veins within the intrusive.

Anomaly B: A cluster of three values greater than 25 ppb on Line 40300E are contained within a larger copper anomaly. This larger anomaly follows the geologic contact between the quartz monzonite (Unit 7) and sheared volcanic rocks (Unit 3). Prospecting and sampling in 1990 uncovered pyrite associated with the sheared volcanic rocks but no mineralization was found.

Anomaly C: On the northern portion of the Bogg Grid from Line 40700E and extending northwestward, four anomalous areas correspond well with a large quartz-carbonate alteration zone shown on the geology map (Figure 4). A total of 46 soil samples, ranging from 1 ppb to 2345 ppb, comprise the four separate anomalies. Soil samples returning values in gold are predominantly residual and are thin veneers over the bedrock. Thick overburden and large gulleys between these four anomalies may account for the lack of continuous gold in soils over the length of the quartz-carbonate alteration zone. Previous sampling and drilling in this area had failed to find economic gold mineralization, although elevated gold in the rocks does exist.

The southern portion of the quartz-carbonate alteration zone is not represented by a gold soil anomaly. This may be due to greater overburden thickness or to the lack of gold mineralization in this area.

Anomaly D: Anomaly D is comprised of 7 samples up to 500 ppb gold. This area represents a continuation of the quartz-carbonate alteration zone beneath the surface and in the overburden. Quartz-carbonate altered rock fragments are abundant in the soils and probably represent a combination of down ice and down slope movement of the particles.

Copper (Figs. 10, 11)

Probability and histogram plots (Appendix VI) suggest that a single large population exists for copper, representing a normal distribution for background values. When plotted with geology, however, several areas with concentrated copper values can be related to mineralization and structure on the property.

Anomaly A: Copper values concentrated around Line 39000E are

related to the high grade showing. A total of 49 samples up to 1943 ppm copper can be explained as a down ice dispersion from the showing. One rock sample located south of the high grade showing, however, contained .12% copper. Rocks from this area may also contribute to that anomaly.

Anomaly B: This grouping of 68 soil samples tends to follow Unit 5 and has a somewhat coincident lead anomaly as well. Values range from 28 ppm to 569 ppm copper. Copper-lead mineralization occurs in Unit 5 to the east of this anomaly. The soils suggest that the mineralization may continue and underlie the anomalous soil area. The western extension of anomaly B follows a stream, suggesting that some remobilization of the copper has occurred.

Anomaly C: Soils contained within Anomaly C have characteristics similar to those in Anomaly B. Thirty seven soil samples from the anomalous area range from 52 ppm to 548 ppm copper. The soils are located over Units 5 and 6 which are known to be mineralized in other locations. Minor amounts of chalcopyrite in the rocks along road cuts in the area have been noted.

Anomaly D: This anomalous grouping of 19 samples corresponds with gold Anomaly B. Values range from 29 ppm to 285 ppm copper and roughly follow the contact between sheared volcanic rocks and a quartz monzonite. Some pyrite is noted in rocks in the area but no economic mineralization exists.

Anomaly E: Minor amounts of malachite along a fracture plane in quartz monzonite in the vicinity of this anomaly may account for the elevated copper in soils. The anomalous area consists of 17 samples ranging from 47 ppm to 436 ppm copper. The rocks in the area are unaltered volcanic rocks and quartz monzonite. Minor amounts of chalcopyrite is disseminated in altered rocks to the north along the road. The anomaly could represent a down ice or down slope dispersion from that known occurrence.

Lead (Figs. 12, 13)

Lead in soils follow the same distribution as copper. Probability plots and log normal histograms illustrate predominantly one population, with a minor population at the upper 2% of the population. Patterns in the lead in soils can be associated with underlying bedrock.

Anomaly A: Anomaly A, which contains more than 65 soil samples, probably reflects underlying bedrock or overburden type rather than mineralization. In the area of the anomaly, soils overlying the quartz monzonite are generally lower in lead than soils overlying volcanic rocks.

Although values up to 648 ppm lead are detected in the soils, mapping and prospecting in this area has not uncovered any mineralization.

Anomaly B: This anomaly occurs west of copper Anomaly A along a topographic high. The anomalous area has 41 samples ranging from 12 ppm to 98 ppm lead. The lead in soils may be a function of abundant outcrop in the area and pyroxene-calcite-potassium feldspar veinlets occurring in Unit 6. These veinlets often occur in rocks with elevated lead. Mapping and prospecting in this area, however, did not find any mineralization.

Anomaly C: This anomalous area is coincident with copper Anomalies B and C. Along with over 100 samples comprising the copper anomalies, 60 samples with lead values from 20 ppm to 186 ppm suggest that soils in this area may be an indication of mineralized bedrock near by. Minor chalcopyrite occurs along road cuts in the area and Units 5 and 6, which are mineralized elsewhere, outcrop along the road. The coinciding copper and lead soil anomalies suggest this area may be an extension of known copper-lead-silver mineralization in trenches further to the east.

ARSENIC (Figs. 14, 15)

A false anomaly exists on Line 39600E for arsenic. Arsenic is elevated in most samples along this line and is contributed to contamination of the soils during sampling. Areas where elevated arsenic is detected in the soils coincide to some degree with areas anomalous in copper, gold or lead. However, anomalous areas related to the latter elements provide more information on the geology and mineralization than arsenic. Arsenic in soils is not a suitable pathfinder element in this region.

Three reconnaissance soil lines on the southern portion of the map (Figs. 9, 11, 13, 15) do not suggest any anomalous areas. Outcrop in the area is predominantly unaltered and unmineralized siltstones and sandstones of Unit 2.

7.5.2 Wind Claim

A total of 71 soil samples were taken on the Wind 3 Claim. There are no significant statistical correlations between any elements in the Wind soils.

Figures 16 through 19 illustrate soil locations and gold, copper, arsenic and lead values for the Wind soils. No obvious geochemical anomalies exist on the claim.

7.5.3 CC Claims-Monticola Lake

A total of 94 soil samples were taken on the CC Claims. No significant statistical correlations exist for any of the elements analyzed.

A minor gold-arsenic anomaly is situated between AB021 and AB027, however, siltstones in the area are unaltered and unmineralized. Minor swamps exist in the area and overburden tends to contain a high percentage of foreign particles (Figs. 20 - 23).

8.0 CONCLUSIONS

Regional mapping in the area has identified and extended the main areas of mineralization. The quartz-carbonate alteration zone extends over the length of the property and in places, anomalous gold, copper, lead and silver values have been detected in these rocks. Copper mineralization is associated with late stage syenitic dykes and lead-silver with minor copper mineralization is associated with very late stage quartz within the quartz-carbonate zone or pyroxene-calcite-potassium feldspar rich veinlets.

Where overburden is not too thick, the distribution of elevated gold, copper, lead and arsenic in soils on the Bogg Claims can be used successfully to follow mineralized units beneath the overburden. On the Bogg Grid, the soil geochemical survey suggests the continuation of copper and lead mineralization within the quartz-carbonate alteration zone west of trenches 4 and 5. Soil geochemical signatures and observed country rock on both the Wind and CC Claims do not indicate potential mineralization in the underlying bedrock.

9.0 RECOMMENDATIONS

As a result of elevated copper, lead and silver values detected in the rocks in the southeastern portion of the quartz-carbonate alteration zone and a coincident copper-lead soil geochemical anomaly, several trenches covering the contacts of the quartz-carbonate alteration zone should be completed.

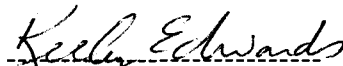
1. Trench in the vicinity of Lines 38600 and 39000E from stations 39800 to 40200N to cover the quartz-carbonate shear and alteration zone.
2. Trench to test lead anomaly C and corresponding copper anomalies. Trenching may be hampered by thick overburden and wet conditions.
3. Trench gold anomaly A to cover the contact between the quartz monzonite (Unit 7) and altered wall rocks which contain elevated gold values.

10.0 STATEMENT OF QUALIFICATIONS

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 1984 to the present, I have been studying and/or working in the field of Geology both in Canada and overseas. I have held various contract positions with Placer Dome Inc. since 1988.
3. I have assisted with the field work and data compilation from the Bogg 1-4, 7-20, Wind 3 and CC 1-8 mineral claims, located in the Clinton and Kamloops Mining Districts.

Respectfully Submitted,



Kelly Edwards, B.Sc.

29 October 91
Date

11.0 STATEMENT OF EXPENDITURES

PERSONNEL:

Geologists:

Kelly Edwards	35	Days @ \$305	\$ 10 675.00	
Lorne Warner	7	Days @ \$305	2 135.00	

Consultants:

Dave Bailey			7 000.00	
Ron Wells			1 000.00	

Field Assistants:

Tom Robinson	24	Days @ \$235	5 640.00	
Todd Stone	30	Days @ \$175	5 250.00	
Scott Knight	24	Days @ \$175	4 200.00	
Arnd Burgert	30	Days @ \$175	5 250.00	
Al Woolverton	23	Days @ \$175	4 000.00	
Val Reid (Cook)	40	Days @ \$100	<u>4 000.00</u>	\$ 49 150.00

CAMP OPERATIONS:

Cabin Rental	40	Days @ \$50	\$ 2 000.00	
Miscellaneous Supplies			5 000.00	
Food			<u>2 608.00</u>	9 608.00

TRANSPORTATION:

2 4x4 pickups	40	Days @ \$18.75	\$ 1 500.00	
Fuel and Oil			1 500.00	
Freight			120.00	
Maintenance			<u>1 600.00</u>	4 720.00

GEOCHEMISTRY:

Soil Samples	1684	Samples @ \$13	\$ 21 892.00	
Rock Samples	98	Samples @ \$15	<u>1 470.00</u>	23 352.00

REPORT PREPARATION:

Composition and Writing			\$ 1 500.00	
Drafting and Typing			700.00	
Computer Time			<u>1 500.00</u>	<u>3 700.00</u>

TOTAL COSTS				\$ <u>90 540.00</u>
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Appendix I
Rock & Soil Analytical Procedures
and Detection Limits

SAMPLE PREPARATION AND ANALYSIS

ROCK SAMPLES:

Rock samples were shipped to Ecotech of Kamloops for geochemical analysis for gold and 30 element ICP analysis. Each sample is dried in a hot air dryer and crushed to -10 mesh. A 250g subsample is then pulverized and sieved 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 given below.

SOIL SAMPLES:

Each sample is dried and sieved to -80 mesh; the + 80 mesh fraction is saved for future reference. A 10 gram portion of the -80 mesh is analyzed for gold according to the method described previously. The remaining -80 fraction is dissolved in an aqua regia solution and analyzed for 30 elements by atomic absorption following the same procedure as above. Dissolution of certain elements with this technique is not complete.

DETECTION LIMITS

GOLD GEOCHEMICAL ANALYSIS

Atomic Absorption Finish: 5ppb

continued.

ICP ANALYSES

<u>ELEMENT</u>	<u>DETECTION LIMIT</u> (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

C3228

REMARKS: Bogg Claims, east of Spectacle Lakes

Rock Name: Siltstone

- Massive to poorly bedded, pyritic
- Pyrite diss and along fractures, minor qz veins
- Dominant fracture pattern 260 - 300 dip to NE

C3229

REMARKS: On Bogg 8 Claim

Rock Name: Medium to coarse grained monzonite

- Grey to pink grey, qz, specularite
- Qz veins 1 or 2 per m, .2 - .5 cm wide

C3233

REMARKS: South of baseline, close to road

Rock Name: Monzonite?

- Silicified, 1 - 4% pyrite

C3234

REMARKS: Location Unknown

Rock Type: Volcanic?

- Qz-cb-mariposite altered
- Original rock unknown, too altered

C3235

TRCH

REMARKS: Trench 4 along road cut

Rock Name: Quartz Vein

- Bull white, minor rusty syenite? porphyritic dyke
- No noticeable sulphides

C3236

TRCH

REMARKS: Trench 4

Rock Name: Fine grained intrusive or sediment

- Py euhedral throughout, some along fractures
- small qv throughout, some larger late bull qz

C3237

TRCH

REMARKS: Trench 4

Rock Name: Intrusive - sediment mix

- Py anhedral throughout, nonmagnetic
- Cb with qz in minute fractures, slow fizz
- qz stockwork dominant in intrusive monz - dacite

- C3238 TRCH
REMARKS: Trench 5
Rock Name: Sandstone or fragmental tuff
- Particles up to .5cm, cherty, matrix supported, nonstrat
 - Py anhedral, fracture controlled
 - Minor quartz, glassy - milky
 - Late qz - white k-spar veins, no sulphides
- C3239 TRCH
REMARKS: Trench 5
Rock Name: Fine grained sandstone
- Qz - py stockwork, minor chlorite (green tinge)
 - Minor cp associated with anhedral py.
 - Silicified, hard
- C3240 TRCH
REMARKS: Trench 5
Rock Name: Contact? between fine grained sandstone and intrusive
- Red quartz associated with euhedral pyrite
 - Mg or Hs with rusty chloritic part of intrusive rock
 - Qz - cb stockwork, minor pyrite
- C3241 TRCH
REMARKS: Trench 5
Rock Name: Intrusive? dyke
- Equigranular, but does not look sedimentary
 - MC orMG on fracture surfaces, sporadic
 - Some light green sediments associated but not in sample
 - K-spar in intrusive and as veins
- C3242 TRCH
REMARKS: Trench 5
Rock Name: Intrusive? dyke
- Similar to above, more mafic
 - Glassy qz stockwork
- C3243 TRCH
REMARKS: Trench 5, Float
Rock Name: Fine grained sediment
- Anhedral to euhedral patches of py, cp, po.
 - Minor cb, silicified, qz stockwork with py, cp, po, mg
 - Odd clasts of HE? Rhodonite? Pink to dark red
 - Red portion of rock may be intrusive

- C3244 SBOC
REMARKS: On north trending creek to swamp, stop 67
Rock Name: Silicified sediment? volcanic?
 - Fragments visible with red stains, possible cp blebs
 - Py euhedral throughout, HS? in crosscutting veins,
 - Cb in fractures.
- C3245
REMARKS: Trench 6
Rock Name: Volcanic Tuff
 - Fine matrix, clasts of intrusive, mafic and leucocratic rocks
 - Fine veins
- C3246
REMARKS: Trench 6
Rock Name: Breccia
 - Chloritic, intrusive component, fine matrix
 - Ep, qz veins, diss and vein py to 3mm thick
- C3247
REMARKS: Trench 6
Rock Name: Altered intrusive
 - Silicified, brecciated
 - Abundant diss py, dark veins with specular hematite
- C3248
REMARKS: Trench 6
Rock Name: Pyroclastic
 - Fine matrix, chloritic, with intrusive component
- C3249
REMARKS: Trench 6
Rock Name; Pyroclastic
 - Fine grained ground mass
 - Abundant small stockwork veins, diss py
- C3250
REMARKS: Trench 1
Rock Name: Fine grained volcanic
 - Highly altered, contains clasts of chlorite altered intrusive
 - Diss py, no fine veins

C3253

REMARKS: Pooy Grid, cc claims
Rock Name: Volcanic? rock
- Massive cb-si altered, minor py

C3254

REMARKS: Pooy Grid, at soil L10200n, 10575E
Rock Name: Volcanic rock
- Si-cb altered, pyrite

C3255

REMARKS: CC Claims, angular boulder
Rock Name: Volcanic? rock
- Qz-cb altered, pyrite, minor chlorite alteration

C3256

REMARKS: Wind 3 Claim
Rock Name: Felsic volcanic dyke
- Fine grained, grey-green, siliceous
- Sparse diss py, grey submetallic mineral

C3301

REMARKS: Trench 1
Rock Name: Fine grained volcanic
- Chloritic, diss py, mc on weathered surface

C3302

REMARKS: Trench 1
Rock Name: Volcanic
- Altered, cb in veins, diss py, poss cp

C3303

REMARKS: Trench 2
Rock Name: Volcanic breccia
- 50% angular clasts, some have mg
- Cb veins

C3304

REMARKS: Trench 2
Rock Name: Volcanic breccia
- Same as C3303
- Minor py, cb veins

C3305

REMARKS: Trench 3, weathered in soil

Rock Name: Siliceous volcanic rock

- Fine grained, green, fractured
- Fine diss py, blue grey mineral, qz veins

C3505

OTCR

REMARKS: 45m north of recon line @ 35m. Close to creek.

Rock Name: Foliated Volcanic/Tuff near contact with intrusive

- foliation parallels creek
- greenish, chloritic, silic.
- pyrite along foliation, crosscutting milky quartz veins
- lose foliation away from creek, more chloritic, silicic.
- no k-spar alteration

C3506

OTCR

REMARKS: 10 m north of recon line @ 40m

- Fine grained, less chlorite and epidote than surrounding rock
- Silicified, pyrite, magnetite throughout
- some primary k-spar, concentrated around fragments

C3507

SBOC

REMARKS: 25m south of recon line 2 @ 640m

Rock Name: Porphyritic Volcanic Tuff

- Contact between monzonite and sheared volcanic
- Chloritic, silicified, minor pyrite, magnetite
- Cross cutting quartz veins, slightly rusty

C3508

SBOC

REMARKS: 25m south of recon line @ 50m

Rock Name: Volcanic Tuff Plagioclase Phenocrysts

- Chloritic, mafic and plagioclase phenocrysts, massive
- Epidote, carbonate alteration as augens and in fractures
- Disseminated pyrite
- Minor k-spar phenocrysts and selvages around augens

C3509

SBOC

REMARKS: 35m north @ 1200m on recon line

Rock Name: Siltstone

- Fine grained, massive
- Rusty quartz veins @ 070, no dip available

- C3510 SBOC
 REMARKS: 40m north of recon line @ 235m
 Rock Name: Plagioclase Porphyritic Diorite
- Slightly foliated
 - Matrix fine grained, phenocrysts up to .5cm
 - Matrix chloritic, pyrite disseminated and in fractures
 - Dacitic composition, k-spar in matrix, some in fractures
- C3511 SBOC
 REMARKS: May be glacially moved; L 38920E, 40600N
 Rock Name: Fragmental Tuff with syenite breccia infill
- Fine grained chloritic matrix,
 - brecciated, infilled with pink syenite
 - py, qz, cb along fractures, some bleaching
 - rest of subcrop includes px veins, qz veins
 - small gulley at 120 may divide altered from unaltered?
- C3512 OTCR
 REMARKS: On recon line at 85m at 160 degrees
 Rock Name: Pyroxene Breccia
- Angular fragments of trachytic composition volcanic and syenite in pyroxene
 - Primary k-spar in volcanics, some as fracture fill
- C3513 OTCR
 REMARKS: On recon line at 250m at 160 deg
 Rock Name: Fragmental Tuff infilled with syenite
- Brecciated, infilled with syenite
 - few sulphides, close to contact with intrusive
 - k-spar in intrusive matrix and as veins with chlorite
- C3514 FLOT
 REMARKS: Large boulder on road pushed by cat; L 38560E, 40115N
 Rock Name: Carbonate - silica altered volcanic
- Brecciated, infilled with white carbonate
 - k-spar is either primary or pervasive
 - minor qz veins, py, poss cp disseminated throughout
- C3515 TRCH
 REMARKS: Along old road cut; L 38605E, 40045 N
 Rock Name: Quartz vein
- Possible strike of 100/78N
 - Can be traced to trench to south, part of large north south structure

- C3516 TRCH
 REMARKS: Along old drill road, adjacent to quartz; L 38605E, 40045N
 Rock Name: Carbonate-silica altered tuff.
 Intense brecciation with k-spar alteration
- C3517 SBOC
 REMARKS: Stop 14 , along road cut @ 370M
 Rock Name: Carbonate - silica altered fragmental? tuff
 - Stockworked, adjacent to syenite
 - some pieces chloritized, others silicified
 - minor blebs of cp associated with quartz
- C3518 OTCR
 REMARKS: Along road cut; L 40990E, 40425N
 Rock Name: Carbonate - silica altered fragmental tuff
 - significant quartz - carbonate alteration
 - possible k-spar in veins and pervasive alteration
 - fragments variable, felsic composition
 - minor siltstone associated with fragmental tuff
- C3519 SBOC
 REMARKS: Stop 22, June 26; L 40210N, 42075E
 Rock Name: Quartz - carbonate altered fragmental or siltstone, sandstone
 - well altered fine grained fragmental or sediment
 - minor pyrite, possibly chalcopyrite
 - @ gully @ 040 degrees, may be float
 - rusty, hard
- C3520 OTCR
 REMARKS: Rusted, k-spar rich volcanic?
 Rock Name: ??????
 - Along claim line north of L40400N
 - Some quartz, very rusted, good soil development
- C3521 OTCR
 REMARKS: Stop KE 036; L 40100N, 42295E
 Rock Name: Siltstone with quartz stockwork
 - Along ridge
 - Fine grained, black, rusty coatings
 - Glassy quartz stockwork up to 10%, rusty
 - Euhedral disseminated pyrite, minor fracture fill

- C3522 SBOC
 REMARKS: Stop 42; L 40410N, 41905E
 Rock Name: Siltstone, Sandstone
 - Possibly float
 - Rusty, glassy and milky quartz veins
 - Minor reddish tint along envelopes - hematite?
 - Trace cp as blebs along fractures
- C3523 SBOC
 REMARKS: Along trench road
 Rock Name: Polyolithic fragmental tuff/ volcanic
 - Fine grained, cherty, greenish, fragments visible
 - Frgemts polyolithic, hard, up to 3cm
 - Some fragments intrusive, some with diss py
- C3524 TRCH
 REMARKS: Trench 13 at end of road
 Rock Name: Pyroxene? dyke
 - Fine grained, equigranular
 - Minor k-spar phenocrysts?
 - Minor cb in veins and stockwork
- C3525 TRCH
 REMARKS: Trench 13, 5m from C3524
 Rock Name: Chloritic rock intruded by syenite and pyroxene
 - Galena associated with pyrite spots and veins
 - Minor rusty qz and cb veins
- C3526 OTCR
 REMARKS: Stained; L 39240E, 39800N
 Rock Name: Fine grained fragmental tuff
 - Some fragments intrusive with k-spar
 - Pyrite as alteration of some fragments
- C3527 OTCR
 REMARKS: L 38672E, 40100N
 Rock Name: Pyroxene dyke
 - Pyroxene - carbonate dyke, malachite, chalcopyrite
- C3551 OTCR
 REMARKS: L 39200E, 40450N
 Rock Name: Tuff with syenite intusive component
 - Chloritic tuff with syenite - kspar component

- C3552 OTCR 1.5
REMARKS: Off grid, 100m NW of C3551
Rock Name: Siliceous fragmental
 - Rusty, quartz - carbonate - kspar altered
- C3553 OTCR
REMARKS: L 39100E, 40335N
Rock Name: Altered fragmental Tuff
 - quartz - carbonate altered
 - Some intrusive fragments with kspar, minor kspar in matrix
 - K-spar alteration with quartz veins
- C3554 OTCR
REMARKS: Off grid to north
Rock Name: Fragmental Tuff
 - *Chloritic, some intrusive fragments.*
- C3555 OTCR
REMARKS: Off grid to north
Rock Name: Fine grained Tuff or Sandstone
 - Cherty, closr to syenite
 - Few fragments, euhedral pyrite
- C3556 OTCR
REMARKS: L 42385N, 40400E
Rock Name: Fine grained altered Tuff/ Sandstone
 - Quartz - carbonate altered
 - Two cross cutting joint patterns
- C3557 OTCR
REMARKS: Close to Bogg North Grid
Rock Name: Fine grained tuff with black phenocrysts
 - Silica - carbonate altered zone
- C3558 SBOC
REMARKS: Off grid to north east
Rock Name: Fragmental Tuff
 - Cherty, baked, pyrite in matrix
- C3559 OTCR
REMARKS: Off grid to north east
Rock Name: Fine grained tuff
 - Cherty, minor fragments

C3560 OTCR
REMARKS: Off grid to north east
Rock Name:

C3561 OTCR
REMARKS: L 39270E, 39850N
Rock Name: Silica - carbonate altered volcanic
 - Possible boulder in swampy area
 - May contain kspar, not stained

C3562 FLOT
REMARKS: L 39635E, 39675N
Rock Name: Fine grained fragmental tuff
 - Silica - carbonate altered, cherty

C3563 OTCR
REMARKS: L 39685E, 39800N

C3566
REMARKS: Off Grid to north east, Off claims
Rock Name: Felsic Fragmental Tuff
 - Possible intrusive fragments

C3567 SBOC
Rock Name: Augite Porphyry Tuff
 - Cherty, pyrrhotite disseminated
 - Minor fragments

C3568 FLOT
REMARKS: Off grid, off claims
Rock Name: Fine grained sediment of tuff
 - Carbonate - silica altered, brecciated, cherty
 - Epidote - carbonate alteration of mafic? fragments

C3569
REMARKS: East of Peanut Lake, Float
Rock Name: Volcanic breccia
 - Pyroxene, chlorite, cb veinlets
 - Patches of py, cp, ga

C3570

REMARKS: Along road cut
Rock Name: Altered volcanic
- Pyrite, silica, cb alteration
- 1.5 m pyroxene dyke intrudes
- Rock crumbly, chloritic

C3571

REMARKS: Trench 7
Rock Name: Altered Augite Porphyry?
- Broken, jointed, some micas, little sulphides

C3572

REMARKS: Trench 7
Rock Name: Altered augite porphyry
- Badly broken grab sample as C3571

C3573

REMARKS: Trench 7
Rock Name: Pyroxene rich volcanic rock
- Minor ga, py, cp, mc as patchy disseminations

C3574

REMARKS: Trench 7
Rock Name: Non altered volcanic rock
- 4m north of C3573
- Rubbled, relatively fresh

C3576

TRCH
REMARKS: Along road cut
Rock Name: Volcanic breccia
- Possible vugs filled with galena?
- Rings of green matrix around volcanic fragments
- Matrix intrusive with k-spar phenocrysts

C3626

OTCR
REMARKS: Along road by percussion hole
Rock Name: Fault or explosion breccia
- Fragments of volcanic, syenite and px with syenite matrix
- Py in matrix, chloritic volcanic fragments
- Mg in some volcanic fragments

C3627 OTCR
REMARKS: West of junction to south drill road
Rock Name: Syenite with pyroxene veins
- Pyroxene veins cross cut each other, some assoc sulphides

C3628 OTCR
REMARKS: 20m west of C3570 along cat road
Rock Name: Fine grained layered volcanic
- Chloritic, brecciated infilled with cb, syenite, poss px
- Primary? k = spar

C3629 TRCH
REMARKS: Trench 8
Rock Name: Pyroxene rock infilled with green intrusive
- Qz stockwork, bleached envelopes
- K-spar in veins, py euhedral
- Parent rock may be augite porphyry flow

C3630 TRCH
REMARKS: Trench 8
Rock Name: Mafic fine grained volcanic?
- Green px phenocrysts
- Qz - py - ga - kf? veins
- Minor light green intrusive matrix with minor k-spar

C3631 TRCH
REMARKS: Trench 9
Rock Name: Mafic fine grained volcanic
- some round fragments
- brecciated to veined with qz-cb-py
- Mc with k-spar veins
- No noticeable pyroxene

C3632 TRCH
REMARKS: Trench 9
Rock Name: Mafic fine grained volcanic
- some round fragments
- brecciated to veined with qz-cb-py
- Minor pervasive primary? k-spar, no mc

- C3633 TRCH
 REMARKS: Trench 9
 Rock Name: Mafic fine grained volcanic
 - some round fragments
 - brecciated to veined with qz-cb-py
 - fracture and vein associated k-spar
- C3634 TRCH
 REMARKS: Trench 10
 Rock Name: Fine grained volcanic
 - Slightly foliated, minor sulphides
 - k-spar along fractures, possible veins along foliation
- C3635 TRCH
 REMARKS: Trench 10
 Rock Name: Green Mafic volcanic
 - Qz-cb-py-cp-ga veins, associated pyroxene
 - Veined, k-spar as envelopes around veins
- C3636 TRCH
 REMARKS: Trench 11
 Rock Name; Chloritic intrusive
 - Qz-cb-px-ga veins, minor py, cp
 - Rock intrusive or porphyritic volcanic
 - Mg, k-spar throughout, not with veins
- C3637 TRCH
 REMARKS: Trench 11
 Rock Name; Chloritic intrusive
 - Qz-cb-px-ga veins, minor py, cp
 - Minor px, mg, cp, no noticeable k-spar
- C3638 TRCH
 REMARKS: Trench 12
 Rock Name: Chloritic Intrusive?
 - May be highly brecciated intruded volcanic
 - carbonate rich, no px, ga, cp
- C3639 TRCH
 REMARKS: Trench 12
 Rock Name: Fine grained green volcanic
 - Pyroxene crystal vein as breccia fill
 - Minor py, cb in host
 - K-spar alteration in fractures and matrix

C3640 TRCH

REMARKS: Trench 12

Rock name: Altered porphyritic tuff

- Fine grained, plag phenocrysts altered
- Pervasive patchy cb altn, minor qz stockwork
- Mg may be qz vein associated or disseminated
- Very minor py and k-spar phenocrysts

C3641 OTCR

REMARKS: Soil AB360 @ 260m, Wind 3 Claim

Rock Name: Volcanc breccia

- Various lithic fragments in felsic to chloritic matrix
- heavily irregular fractures
- Mn and graphite? on fractures

Appendix III
Rock Geochemical Analyses

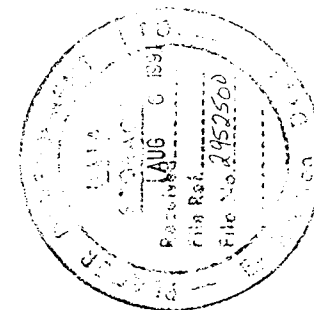
ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK91- 446

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

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

JULY 31, 1991



VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PROJECT: V 269
 55 ROCK SAMPLES RECEIVED JULY 10, 1991

#	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	SM	SR TI(%)	U	V	W	Y	ZH	
1 - C	3235	15	4.2 <.01	5	6	375	5 >15	1	1	40	33	.35 <.01	10	.23	751	6 <.01	<1	920	432	5	<20	1025	<.01	<10	15	<10	4	40
2 - C	3236	5	<.2 .19	<5	6	30	<5 3.38	<1	12	53	92	3.99 .10	<10	.98	312	6 <.01	13	910	12	5	<20	27	<.01	10	60	<10	<1	26
3 - C	3237	35	1.0 .17	5	8	40	<5 3.65	<1	9	49	249	3.31 .11	10	1.12	349	18 <.01	9	870	100	5	<20	45	<.01	<10	68	<10	2	34
4 - C	3238	5	<.2 .20	5	8	45	<5 3.23	<1	20	43	126	3.91 .11	<10	1.98	360	10 <.01	15	940	8	5	<20	114	<.01	10	39	<10	1	31
5 - C	3239	25	<.2 .42	5	8	40	<5 2.84	<1	23	47	369	4.44 .19	<10	1.51	397	7 <.01	11	960	48	5	<20	96	.01	10	57	<10	1	52
6 - C	3240	20	<.2 .05	<5	8	60	<5 8.89	<1	10	57	120	3.83 .04	<10	1.83	987	14 <.01	15	430	22	5	<20	330	<.01	<10	44	<10	2	56
7 - C	3241	5	2.4 .33	45	8	160	<5 2.93	<1	77	55	1028	9.08 .16	10	.45	1075	25 <.01	29	550	320	5	<20	52	.03	10	86	<10	3	53
8 - C	3242	5	.6 1.48	5	8	340	<5 5.64	1	18	380	615	4.94 1.74	10	2.95	1321	18 <.01	116	650	24	15	<20	176	.10	10	138	<10	5	113
9 - C	3243	120	1.8 .58	15	10	50	<5 6.39	3	111	157	1119	8.29 .39	10	3.59	1278	67 <.01	142	710	154	10	<20	167	.02	10	86	<10	<1	172
10 - C	3244	85	<.2 .08	25	10	90	<5 1.27	<1	9	71	43	2.80 .03	<10	.35	511	258 .02	4	420	10	5	<20	24	.01	10	52	<10	4	22
11 - C	3245	5	<.2 2.56	10	8	80	<5 1.59	<1	18	19	19	4.56 1.19	10	2.00	428	2 .01	8	1280	2	5	<20	42	.14	<10	97	<10	8	33
12 - C	3246	5	<.2 1.72	<5	10	55	<5 2.35	<1	18	47	106	4.17 .85	10	1.25	475	7 .01	9	1190	6	5	<20	24	.19	<10	108	<10	14	27
13 - C	3247	10	<.2 .65	5	6	65	<5 2.12	<1	24	24	504	5.52 .50	<10	.95	1042	2 <.01	11	1040	20	5	<20	53	.05	10	137	<10	7	65
14 - C	3248	5	<.2 1.77	5	8	80	<5 1.89	<1	19	45	48	3.67 1.16	10	1.30	482	4 .02	10	1440	4	5	<20	35	.16	<10	101	<10	13	27
15 - C	3249	155	.4 .65	30	8	40	<5 3.35	<1	21	24	310	5.20 .57	<10	1.59	1013	2 <.01	11	1030	26	10	<20	93	.04	10	100	<10	2	82
16 - C	3250	50	.6 .19	5	6	30	<5 1.88	2	37	77	675	3.65 .19	<10	.57	428	17 <.01	22	1150	86	5	<20	34	.01	10	62	<10	5	51
17 - C	3301	35	2.0 .43	15	8	90	<5 3.11	5	38	41	1300	5.28 .14	<10	.52	660	8 <.01	14	610	64	5	<20	30	.06	10	113	<10	28	90
18 - C	3302	30	1.0 .35	5	6	115	<5 3.90	2	34	56	906	4.69 .34	<10	.78	812	6 <.01	13	840	60	10	<20	48	.04	10	137	<10	8	81
19 - C	3303	40	.2 1.06	5	6	265	<5 4.01	<1	13	29	74	3.26 1.08	10	1.35	980	1 <.01	12	1110	268	5	<20	76	.07	10	78	<10	13	77
20 - C	3304	5	1.2 .08	<5	4	135	<5 6.72	1	3	17	12	1.27 .07	<10	.12	886	2 <.01	1	60	582	<5	<20	58	<.01	<10	46	<10	9	32
21 - C	3305	5	.6 1.25	10	6	90	<5 .81	1	14	42	89	3.52 1.14	<10	1.47	754	2 .05	14	1320	1340	5	<20	30	.11	<10	90	<10	15	52
22 - C	3523	10	.6 .17	<5	8	350	<5 1.60	1	9	45	249	1.44 .20	<10	.34	536	6 .05	5	680	138	<5	<20	30	.05	<10	52	<10	7	54
23 - C	3524	5	<.2 3.20	5	8	160	<5 .64	1	39	294	35	4.36 3.48	<10	5.33	812	1 .02	298	1220	50	5	<20	11	.16	10	57	<10	7	105
24 - C	3525	5	2.6 .32	<5	6	150	5 1.30	3	9	37	157	2.00 .35	<10	.53	512	4 .05	10	850	1170	<5	<20	34	.04	<10	54	<10	9	42
25 - C	3561	5	<.2 .19	5	6	150	<5 11.30	<1	26	95	24	5.16 .12	10	5.31	1227	4 <.01	133	990	18	5	<20	206	<.01	<10	72	<10	<1	99
26 - C	3562	10	<.2 .38	<5	6	40	<5 2.77	<1	42	6	150	7.56 .16	10	.71	1792	1 <.01	14	1490	6	<5	<20	26	<.01	10	31	<10	<1	76

PAGE 2

BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27	C 3521	65	.4 .14	35	8	40	<5	3.28	<1	16	49	71	3.37	.07	<10	1.41	725	2	<0.01	17	1130	6	10	<20	345	<0.01	<10	30	<10	2	68
28	C 3522	5	<.2 .11	15	6	50	<5	2.83	<1	10	56	60	2.46	.05	10	.92	1235	2	<0.01	15	860	<2	5	<20	217	<0.01	<10	29	<10	2	50
29	C 3526	5	.2 .27	20	8	35	<5	3.80	<1	24	16	90	4.21	.18	<10	1.30	773	5	<0.01	8	1120	8	5	<20	35	<0.01	<10	37	<10	1	50
30	C 3527	10	7.6 .15	10	8	185	20	4.88	4	8	33	1159	1.20	.14	20	.41	872	17	<0.01	11	130	344	<5	<20	205	.02	<10	39	<10	<1	76
31	C 3551	5	1.4 .10	10	8	325	5	2.80	<1	3	41	427	.98	.10	10	.05	372	2	<0.01	3	2180	16	<5	<20	133	.07	<10	109	<10	30	24
32	C 3552	5	.4 .67	20	8	100	<5	2.83	<1	18	95	155	2.98	.45	<10	1.15	849	<1	<0.01	38	520	10	5	<20	46	.07	<10	120	<10	5	62
33	C 3553	10	.4 .23	25	8	60	<5	5.40	<1	19	33	189	3.99	.15	10	1.63	757	3	<0.01	16	910	6	5	<20	44	<0.01	<10	55	<10	<1	46
34	C 3554	5	.6 1.78	25	10	35	<5	4.32	<1	18	49	40	3.19	.54	<10	1.44	626	2	<0.01	13	840	14	10	<20	54	.23	<10	143	10	16	50
35	C 3555	5	.2 .58	20	10	25	<5	.80	<1	14	50	72	2.77	.11	10	.46	210	6	.03	7	1050	8	5	<20	39	.21	<10	70	<10	13	15
36	C 3556	10	.2 .22	55	8	120	<5	2.62	<1	21	18	52	4.17	.04	10	.67	902	<1	.01	7	1160	4	5	<20	77	.02	<10	100	<10	<1	45
37	C 3557	5	.2 1.40	35	8	60	<5	2.53	<1	33	9	118	5.83	.39	20	1.05	970	<1	<0.01	7	1440	10	5	<20	45	.01	<10	78	<10	4	56
38	C 3558	5	.2 .09	5	8	185	<5	3.53	<1	5	26	17	.91	.07	<10	.34	845	2	.05	5	3070	2	<5	<20	108	.01	<10	47	<10	9	34
39	C 3559	5	.8 .36	20	8	210	5	1.23	<1	8	83	33	2.94	.09	10	.21	475	2	<0.01	27	2860	268	<5	<20	36	.03	<10	259	<10	10	41
40	C 3560	5	<.2 1.33	20	10	130	<5	1.33	<1	28	59	93	4.01	1.41	10	2.02	648	2	.05	19	1050	40	10	<20	24	.12	<10	133	<10	7	59
3 -	C 3253	<5	<.2 .34	20	4	100	<5	3.09	<1	10	45	11	2.68	.20	<10	.82	731	1	<.01	4	1090	10	5	<20	241	<.01	<10	4	<10	<1	48
4 -	C 3254	<5	<.2 .39	15	4	125	<5	2.00	<1	7	19	10	1.73	.20	10	.34	641	1	<.01	7	1160	8	<5	<20	122	<.01	<10	1	<10	1	48
5 -	C 3255	<5	<.2 .53	85	6	55	<5	5.05	<1	24	13	49	5.25	.20	<10	1.35	979	<1	<.01	7	1560	2	15	<20	256	<.01	<10	16	<10	2	56
6 -	C 3256	<5	<.2 2.60	<5	12	20	<5	2.03	<1	25	17	71	4.88	.63	<10	1.35	822	<1	<.01	5	1540	10	15	<20	11	.29	<10	184	<10	16	57
8 -	C 3641	<5	<.2 2.59	<5	6	30	<5	.67	<1	27	240	102	3.39	<.01	<10	3.59	562	3	.01	139	890	8	15	<20	11	.16	<10	68	<10	8	45

NOTE: < = LESS THAN
> = GREATER THAN



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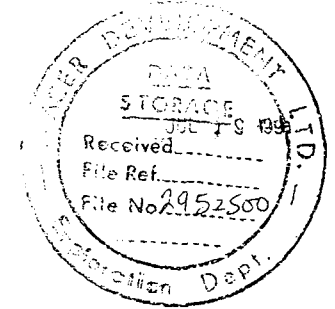
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10041 EAST TRANS CANADA HWY.
 KAMLOOPS, B.C. V2C 2J3
 PHONE - 604-573-5700
 FAX - 604-573-4557

JULY 15, 1991

PLACER DOME INC. - ETK91- 399

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



VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: V 269 BOGG
 44 ROCK SAMPLES RECEIVED JUNE 28, 1991

BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI	CB(%)	CD	CO	CR	CU	FB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SM	SR	TI(%)	U	V	W	Y	ZN
1	DB91 -007	5	.2 2.59	15	8	105	<5	2.11	<1	22	73	124	2.80	.48	<10	1.68	409	3	.16	17	1290	32	5	<20	78	.17	<10	90	<10	9	40
4	C 3228	5	<.2 1.82	10	8	35	<5	.35	<1	14	113	56	3.09	.15	10	1.88	327	13	.01	27	560	14	10	<20	10	.23	<10	87	<10	18	65
5	C 3229	5	<.2 .16	5	8	65	<5	.04	<1	1	76	<1	.69	.08	<10	.03	189	5	.03	2	150	6	<5	<20	31	<0.01	<10	20	<10	<1	18
9	C 3233	45	<.2 .08	225	8	25	<5	7.71	1	22	74	279	3.74	<0.01	10	3.59	1343	5	<0.01	26	750	74	10	<20	48	<0.01	<10	119	<10	<1	79
10	C 3234	10	<.2 .19	30	8	40	<5	6.46	<1	24	53	44	4.53	.09	10	2.84	845	2	<0.01	30	470	6	5	<20	120	<0.01	<10	48	<10	<1	62
11	C 3505	5	<.2 2.60	15	8	50	<5	1.12	<1	28	48	37	4.77	.64	<10	2.86	493	<1	.05	13	720	12	5	<20	55	.38	<10	207	<10	17	52
12	C 3506	5	<.2 1.66	15	8	35	<5	2.37	<1	23	38	46	3.22	.14	10	.59	415	6	<0.01	7	1330	20	5	<20	63	.18	<10	60	<10	13	40
13	C 3507	5	<.2 .49	10	8	35	<5	1.20	<1	8	59	15	1.62	.06	20	.23	466	2	.01	6	980	6	<5	<20	21	.11	<10	88	<10	11	42
14	C 3508	10	<.2 1.97	15	8	35	<5	2.07	<1	28	17	75	3.68	.16	20	1.54	710	<1	.03	3	1560	8	10	<20	100	.32	<10	105	<10	21	50
15	C 3509	5	<.2 .67	10	8	25	<5	.87	<1	6	142	21	1.65	.09	<10	.53	140	19	<0.01	10	560	6	5	<20	24	.13	<10	61	<10	10	24
16	C 3510	5	<.2 1.44	15	8	25	<5	2.05	<1	19	47	80	3.20	.12	10	.87	402	2	<0.01	11	2450	12	<5	<20	86	.24	<10	99	<10	15	39
17	C 3511	10	<.2 .59	20	10	75	<5	2.65	<1	16	46	180	2.14	.66	10	.88	733	2	.06	5	990	6	5	<20	89	.15	<10	69	<10	16	52
18	C 3512	5	<.2 .18	20	10	75	<5	3.18	1	10	39	10	1.82	.17	<10	.56	695	2	.06	5	190	12	5	<20	87	.07	<10	59	<10	9	62
19	C 3513	5	.4 .25	5	8	220	5	1.34	<1	11	41	182	.88	.25	10	.31	421	2	.05	4	1620	30	<5	<20	64	.16	<10	34	<10	18	36
20	C 3514	30	3.4 .12	20	8	50	<5	10.90	2	12	38	647	2.84	.12	10	1.04	891	3	<0.01	7	850	202	5	<20	516	<0.01	<10	72	<10	4	77
21	C 3515	10	4.4 .01	15	6	20	5	>15	2	2	8	49	1.46	<0.01	30	.97	2371	3	<0.01	3	470	688	15	<20	504	<0.01	<10	24	<10	9	71
22	C 3516	10	.8 .23	20	8	45	<5	3.60	<1	14	39	156	3.29	.16	10	.42	710	3	<0.01	13	1220	60	5	<20	48	.03	<10	120	<10	6	63
23	C 3517	15	.6 .23	20	6	30	<5	3.14	2	17	21	834	3.76	.15	20	.96	1099	22	<0.01	10	1380	50	5	<20	25	<0.01	<10	69	<10	4	141
24	C 3518	5	<.2 .23	20	6	30	<5	5.45	<1	18	12	77	3.93	.15	<10	1.64	682	4	<0.01	11	1230	4	5	<20	38	<0.01	<10	46	<10	2	60
25	C 3519	45	<.2 .21	25	6	70	<5	2.30	<1	18	30	94	3.49	.06	<10	.52	1459	2	<0.01	20	1560	2	5	<20	79	<0.01	<10	21	<10	3	63
26	C 3520	190	<.2 .36	25	6	125	<5	1.44	<1	24	14	58	4.90	.11	<10	.24	1684	<1	<0.01	8	1470	2	5	<20	30	<0.01	<10	34	<10	<1	76

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PLACER DOME INC. - ETK91- 446

PAGE 2

BT#	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
27 - C	3563	10	1.8 .23	15	8	30	<5 4.41	<1	20	25	227	5.53	.12	10 1.60	1073	6 <.01	18	1340	152	5 <20	37 <.01	10	35	<10	<1	111	
30 - C	3566	15	<.2 2.68	35	296	30	<5 6.14	2	31	55	66	3.93	.04	<10 .60	436	6 <.01	20	840	4	<5 <20	<1 .17	10	110	<10	10	121	
31 - C	3567	10	<.2 2.08	50	22	20	<5 1.22	<1	37	74	90	4.83	<.01	<10 1.52	338	2 .01	26	1250	6	5 <20	<1 .13	10	93	<10	6	86	
32 - C	3568	5	<.2 .55	20	16	25	<5 1.46	<1	17	53	37	1.78	.02	<10 .26	164	4 .01	13	1440	4	<5 <20	20 .14	<10	41	<10	13	17	
33 - C	3569	5	1.2 .56	<5	14	460	<5 2.62	1	12	41	78	2.05	.51	<10 .76	822	6 .01	4	210	266	5 <20	87 .09	<10	61	<10	11	86	
34 - C	3570	35	1.2 .53	5	10	130	<5 3.20	7	18	64	79	3.51	.20	10 .95	749	6 <.01	24	920	140	5 <20	50 .01	<10	112	<10	3	318	
35 - C	3571	5	<.2 2.23	<5	12	220	<5 1.81	3	34	97	113	6.60	1.54	10 2.25	1102	1 .01	25	1530	12	10 <20	58 .22	10	151	<10	11	168	
36 - C	3572	5	<.2 2.81	10	12	165	<5 1.40	1	42	128	90	7.67	2.13	10 2.90	1100	2 .01	34	1790	14	10 <20	28 .27	10	180	<10	14	120	
37 - C	3573	10	4.0 .58	<5	8	150	5 3.93	12	15	63	231	3.46	.60	<10 1.01	1124	42 .02	17	890	1136	5 <20	70 .06	<10	85	<10	9	300	
38 - C	3574	5	<.2 1.90	5	12	155	<5 2.26	1	25	61	123	5.89	.86	10 1.47	906	3 .01	17	1450	32	5 <20	15 .20	<10	155	<10	20	95	
40 - C	3576	15	4.4 .90	5	12	310	15 3.79	1	17	69	85	2.76	.89	10 1.31	1086	18 .06	26	1590	1146	5 <20	56 .12	<10	61	<10	19	65	
41 - C	3626	5	<.2 1.59	<5	14	105	<5 2.00	1	31	71	87	4.70	1.57	10 2.09	1086	5 .05	21	1510	30	10 <20	56 .11	<10	73	<10	18	163	
42 - C	3627	10	<.2 .13	5	14	280	<5 1.73	<1	7	42	2	1.45	.11	<10 .15	689	5 .03	5	140	6	<5 <20	57 .02	<10	40	<10	2	93	
43 - C	3628	5	<.2 .55	<5	14	450	<5 2.63	2	15	44	46	4.36	.46	20 .93	1266	2 .07	30	1310	48	5 <20	52 .05	<10	97	<10	19	149	
44 - C	3629	5	3.0 1.85	20	14	155	15 4.20	3	42	60	384	5.49	1.76	10 2.35	1273	3 .01	20	1620	1692	10 <20	120 .21	<10	95	<10	20	165	
45 - C	3630	5	.8 3.63	5	14	265	<5 1.97	2	50	344	114	8.61	3.44	10 4.70	1770	3 .04	150	1550	758	10 <20	28 .30	10	171	<10	15	289	
46 - C	3631	5	1.0 1.31	<5	10	85	<5 1.53	2	29	33	358	3.65	1.38	10 1.63	926	10 .02	13	1050	80	5 <20	39 .19	<10	105	<10	20	111	
47 - C	3632	5	.4 .74	<5	12	180	<5 1.25	2	19	62	340	2.25	.84	10 1.07	589	112 .05	27	1050	36	5 <20	27 .12	<10	71	<10	15	99	
48 - C	3633	5	<.2 1.94	10	10	125	<5 .76	1	19	39	98	3.97	2.12	10 2.20	942	4 <.01	14	1630	28	10 <20	23 .19	<10	107	<10	12	121	
49 - C	3634	5	.2 1.14	5	8	215	<5 1.62	1	29	426	236	2.90	1.39	10 2.23	960	2 .10	220	950	124	10 <20	37 .13	<10	91	<10	10	145	
50 - C	3635	5	3.6 .90	<5	10	110	15 1.51	2	31	76	501	3.07	1.10	10 1.50	1004	5 .07	45	1120	368	15 <20	51 .19	<10	92	<10	17	118	
51 - C	3636	10	10.4 .48	<5	8	155	30 1.60	5	51	61	471	3.29	.32	10 .52	408	6 .01	26	1340	1684	5 <20	20 .24	<10	85	<10	20	94	
52 - C	3637	5	1.2 1.73	5	8	100	<5 2.76	1	27	69	117	4.62	1.75	10 2.18	872	4 <.01	23	1280	244	10 <20	72 .19	<10	135	<10	11	108	
53 - C	3638	5	<.2 .19	5	8	365	<5 2.66	<1	6	70	52	1.03	.22	10 .36	484	6 .03	23	1200	20	5 <20	123 .04	<10	42	<10	13	37	
54 - C	3639	5	.2 .41	<5	8	230	<5 1.27	<1	12	48	93	1.41	.49	<10 .64	347	9 .04	15	930	102	<5 <20	28 .10	<10	46	<10	12	49	
55 - C	3640	5	<.2 2.40	<5	8	145	<5 2.22	<1	23	91	40	4.50	2.09	10 2.54	904	2 <.01	15	1250	22	10 <20	71 .25	<10	131	<10	14	77	

NOTE: < = LESS THAN

SC91/PLACER


 ECO-TECH LABORATORIES LTD.
 CLINTON AYERS
 LABORATORY MANAGER

Appendix IV
Rock Sample Statistics

PLACER DOME INC.

PDI Data Analysis System - STATS

run on 91:10:07 at 15:58:26

Current directory: /home/bogg/dosbogg/rock

ROCK SAMPLES - BOGG, WIND, CC CLAIMS

Summary of data from file : bogg-91.utm

This data file contains an internal header: (7 records)

Data grouped into 34 fields
with format: (1A8, 2F10.2, 31F10.2)

Character ID fields:

SAMP

Coordinate fields:

UEAS UNOR

Other data fields:

AUPB	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 -1.00000

BASIC STATISTICS OF SELECTED DATA FIELDS:

NAME	NDATA	NULLS	MINIMUM	MAXIMUM	MEAN	STD. DEV.	GEOM. MEAN	DISPERSION
AUPB	92	0	2.50000	190.000	16.2228	29.6905	8.50392	3.32449 21.7527
AG	92	0	0.100000	10.4000	0.864130	1.63294	0.296627	0.767874E-01 1.14586
AL	92	0	0.500000E-02	3.63000	0.879294	0.871740	0.487270	0.140391 1.69121
AS	92	0	2.50000	225.000	15.6522	25.8771	8.97063	3.30730 24.3317
B	92	0	4.00000	296.000	11.7609	30.0883	8.58811	5.34443 13.8005
BA	92	0	20.0000	460.000	117.500	102.926	82.4666	35.0939 193.787
BI	92	0	2.50000	30.0000	3.58696	4.01413	2.93606	1.81370 4.75296
CA	92	0	0.400000E-01	15.0000	3.20011	2.71426	2.40906	1.06559 5.44634
CD	92	0	0.500000	12.0000	1.20652	1.60725	0.824435	0.390968 1.73849
CO	92	0	1.00000	111.000	21.2609	15.6211	16.5615	7.52948 36.4280
CR	92	0	6.00000	426.000	66.4783	72.4980	47.9401	22.1156 103.920
CU	92	0	0.500000	1300.00	199.853	274.121	94.4217	24.8163 359.258
FE	92	0	0.350000	9.08000	3.64196	1.76087	3.16601	1.76679 5.67334
K	92	0	0.500000E-02	3.48000	0.531141	0.707636	0.222093	0.498478E-01 0.989517
LA	92	0	5.00000	30.0000	8.91304	4.61877	8.01221	5.11623 12.5474
MG	92	0	0.300000E-01	5.33000	1.33533	1.08873	0.940313	0.366808 2.41049
MN	92	0	140.000	2371.00	794.511	389.047	700.682	412.483 1190.24
MO	92	0	0.500000	258.000	10.0543	29.7910	3.73438	1.13726 12.2624
NA	92	0	0.500000E-02	0.100000	0.173370E-01	0.203871E-01	0.102683E-01	0.396176E-02 0.266138E-01
NI	92	0	0.500000	298.000	26.0272	45.9056	13.4857	4.71100 38.6044
P	92	0	60.0000	3070.00	1096.63	518.177	943.664	495.018 1798.93
PB	92	0	1.00000	1692.00	164.402	353.930	30.1273	4.79812 189.169
SB	92	0	2.00000	15.0000	6.08152	3.46511	5.20601	2.94164 9.21340
SN	92	0	10.0000	100.000	45.2174	44.1645	24.6209	7.95404 76.2116
SR	92	0	0.500000	1025.00	89.4457	134.994	50.7352	16.5314 155.707
TI	92	0	0.500000E-02	0.380000	0.916848E-01	0.933246E-01	0.392186E-01	0.847225E-02 0.181545
U	92	0	5.00000	10.0000	6.14130	2.11006	5.85711	4.37164 7.84734
V	92	0	1.00000	259.000	80.9565	46.2608	65.6771	30.0181 143.696
W	92	0	5.00000	10.0000	5.05435	0.521286	5.03782	4.68666 5.41529
Y	92	0	0.500000	30.0000	8.84239	6.97638	5.21723	1.50216 18.1202
ZN	92	0	15.0000	318.000	76.4565	55.5283	62.9735	34.1957 115.970

continued.... /2

CORRELATION ON 91:10:07 AT 15:58:26

Data from file: bogg-91.utm

ROCK SAMPLES - B066, WIND, CC CLAIMS

Correlation matrix for 92 records with 31 variables

LOG:	AUPB 1	AG 1	AL 1	AS 1	B 1	BA 1	BI 1	CA 1
AUPB	1.000	0.202	-0.318	0.251	0.009	-0.116	-0.024	0.270
AG	0.202	1.000	-0.276	-0.121	-0.081	-0.286	-0.642	0.320
AL	-0.318	-0.276	1.000	-0.114	0.352	-0.027	-0.105	-0.421
AS	0.251	-0.121	-0.114	1.000	0.084	-0.403	-0.147	0.184
B	0.009	-0.081	0.352	0.084	1.000	-0.026	0.023	-0.022
BA	-0.116	0.286	-0.027	-0.403	-0.026	1.000	0.279	-0.004
BI	-0.024	0.642	-0.105	-0.147	0.023	0.279	1.000	0.087
CA	0.270	0.320	-0.421	0.184	-0.022	-0.004	0.087	1.000
CD	0.185	0.630	0.026	-0.257	0.190	0.274	0.442	0.167
CO	0.111	-0.068	0.632	-0.123	0.243	-0.136	-0.051	0.040
CR	-0.091	-0.001	0.326	-0.222	0.205	0.237	0.015	-0.266
CU	0.332	0.503	0.063	0.000	0.008	-0.021	0.258	0.332
FE	-0.147	-0.139	0.548	0.171	0.136	-0.225	-0.208	0.113
K	0.233	0.044	0.644	-0.368	0.044	0.427	0.056	-0.202
LA	-0.114	0.178	0.018	0.031	-0.038	0.055	0.230	0.158
MG	-0.034	-0.134	0.489	0.010	0.068	-0.162	-0.128	0.224
MN	0.206	0.227	-0.065	0.053	-0.128	0.271	0.067	0.499
MO	0.260	0.338	-0.213	-0.208	0.131	0.046	0.151	0.041
NA	-0.255	-0.036	0.187	-0.307	0.166	0.396	0.135	-0.418
NI	-0.008	-0.019	0.467	-0.070	0.166	0.086	0.010	-0.054
P	-0.076	-0.138	0.353	0.068	0.037	-0.047	0.002	-0.024
PB	0.097	0.797	-0.087	-0.300	-0.070	-0.393	0.539	0.183
SB	0.062	0.015	0.307	-0.093	-0.048	-0.147	-0.043	0.142
SN	-0.103	0.212	-0.291	-0.452	-0.313	0.468	0.161	-0.077
SR	0.108	0.269	-0.529	0.017	-0.546	0.230	0.133	0.488
TI	-0.364	-0.040	0.762	-0.249	0.400	-0.169	0.143	-0.408
U	0.330	-0.016	0.134	-0.014	0.177	-0.052	-0.183	0.065
V	0.036	0.086	0.481	-0.089	0.347	-0.033	-0.004	-0.068
W	-0.060	0.055	0.110	0.108	0.034	-0.106	-0.035	0.075
Y	-0.309	0.119	0.450	-0.312	0.272	0.241	0.161	-0.244
ZN	0.174	0.287	0.286	-0.120	0.255	0.287	0.131	0.236

LOG:	CD 1	CO 1	CR 1	CU 1	FE 1	K 1	LA 1	MG 1
AUPB	0.185	0.111	-0.091	0.332	0.147	-0.233	-0.114	-0.034
AG	0.630	-0.068	-0.001	0.503	-0.139	0.044	0.178	-0.134
AL	0.026	0.632	-0.326	0.063	0.548	0.644	0.018	0.489
AS	-0.257	0.123	-0.222	0.000	0.171	-0.368	0.031	0.010
B	0.190	0.243	0.205	0.008	0.136	0.044	-0.038	0.068
BA	0.274	-0.136	0.237	0.021	-0.225	0.427	0.055	-0.162
BI	0.442	-0.051	0.015	0.258	-0.208	0.056	0.230	-0.128
CA	0.167	0.040	-0.266	0.332	0.113	-0.202	0.158	0.224
CD	1.000	0.184	0.178	0.439	0.088	0.210	0.140	0.095
CO	0.184	1.000	0.192	0.517	0.862	0.423	-0.014	0.653
CR	0.178	0.192	1.000	0.072	0.070	0.222	-0.067	0.301
CU	0.439	0.517	0.072	1.000	0.399	0.191	0.137	0.309
FE	0.088	0.862	0.070	0.399	1.000	0.382	0.006	0.684
K	0.210	0.423	0.222	0.191	0.382	1.000	0.064	0.385
LA	0.140	-0.014	-0.067	0.137	0.006	0.064	1.000	0.107
MG	0.095	0.653	0.301	0.309	0.684	0.385	0.107	1.000
MN	0.285	0.277	-0.154	0.275	0.395	0.218	0.261	0.389
MO	0.353	-0.031	0.307	-0.328	-0.080	-0.073	-0.023	-0.045
NA	0.116	-0.039	0.236	-0.149	-0.241	0.325	-0.005	-0.030
NI	0.216	0.655	0.663	0.341	0.569	0.338	0.026	0.646
P	-0.107	0.365	-0.029	0.223	0.319	0.226	0.185	0.275
PB	0.624	0.011	0.176	0.410	-0.034	0.231	0.167	0.062
SB	0.113	0.418	0.240	0.265	0.502	0.256	0.118	0.684
SN	0.475	0.232	0.216	0.083	0.125	0.381	-0.052	0.136
SR	0.005	-0.327	-0.177	0.029	-0.238	-0.031	0.199	-0.029
TI	0.128	0.334	0.402	0.089	0.130	0.523	0.084	0.222
U	0.105	0.396	0.190	0.337	0.458	0.087	-0.213	0.201
V	0.201	0.432	0.316	0.362	0.429	0.358	-0.097	0.329
W	-0.071	0.011	0.003	-0.068	0.001	0.063	-0.111	0.048
Y	0.213	0.050	0.212	0.089	-0.101	0.378	0.104	-0.006
ZN	0.650	0.492	0.230	0.367	0.469	0.403	0.176	0.495

continued.../3

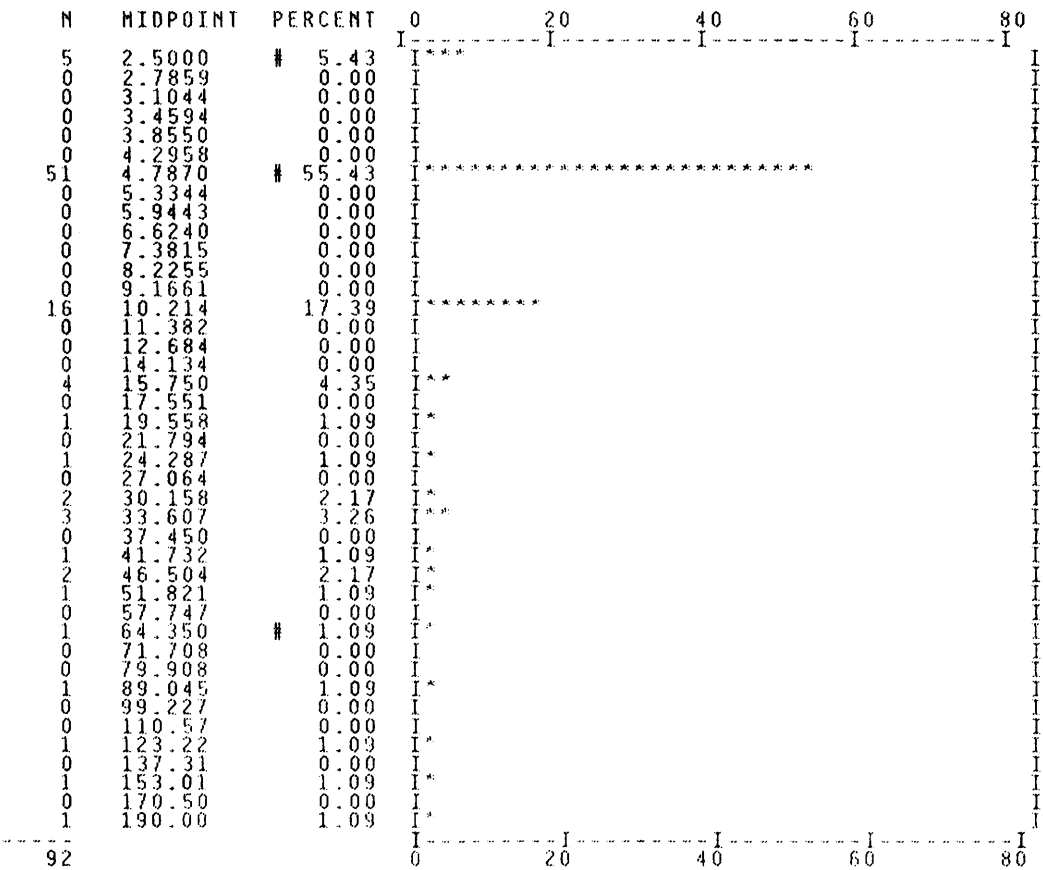
LOG:	MN 1	MO 1	NR 1	NI 1	P 1	PB 1	SB 1	SN 1
AUPB	0.206	0.260	-0.255	-0.008	-0.076	0.097	0.062	-0.103
AG	0.227	0.338	-0.036	-0.019	-0.138	0.797	0.015	0.212
AL	-0.065	-0.213	0.187	0.467	0.353	-0.087	0.307	0.291
AS	-0.053	-0.208	-0.307	-0.070	0.068	-0.300	0.093	-0.452
B	-0.128	0.131	0.166	0.166	0.037	-0.070	-0.048	0.313
BA	0.271	0.046	0.396	0.086	-0.047	0.393	-0.147	0.468
BI	0.067	0.151	0.135	0.010	0.002	0.539	-0.043	0.161
CA	0.499	0.041	-0.418	-0.054	-0.024	0.183	0.142	-0.077
CD	0.285	0.353	0.116	0.216	-0.107	0.624	0.113	0.475
CO	0.277	-0.031	-0.039	0.655	0.365	0.011	0.418	0.232
CR	-0.154	0.307	0.236	0.663	-0.029	0.176	0.240	0.216
CU	0.275	0.328	-0.149	0.341	0.223	0.410	0.265	0.083
FE	0.395	-0.080	-0.241	0.569	0.319	-0.034	0.502	0.125
K	0.218	-0.073	0.325	0.338	0.226	0.231	0.256	0.381
LA	0.261	-0.023	-0.005	0.026	0.185	0.167	0.118	-0.052
MG	0.389	-0.045	-0.030	0.646	0.275	0.062	0.684	0.136
MN	1.000	-0.180	-0.088	0.240	0.059	0.251	0.404	0.183
MO	-0.180	1.000	0.042	0.128	-0.261	0.323	-0.039	0.089
NR	-0.088	0.042	1.000	0.080	0.008	0.159	-0.082	0.325
NI	0.240	0.128	0.080	1.000	0.239	0.133	0.372	0.308
P	0.059	-0.261	0.008	0.239	1.000	-0.126	0.163	0.034
PB	0.251	0.323	0.159	0.133	-0.126	1.000	0.075	0.451
SB	0.404	-0.039	-0.082	0.372	0.163	0.075	1.000	-0.030
SN	0.183	0.089	0.325	0.308	0.034	0.451	-0.030	1.000
SR	0.346	-0.038	-0.144	-0.244	-0.112	0.144	0.130	-0.299
TI	-0.207	-0.070	0.432	0.249	0.232	0.125	0.192	0.340
U	0.105	0.184	-0.224	0.305	0.033	0.048	0.118	0.148
V	0.042	0.042	-0.113	0.351	0.166	0.189	0.272	0.205
W	0.022	-0.055	-0.080	-0.004	-0.019	-0.044	0.121	-0.084
Y	-0.156	-0.016	0.435	0.003	0.241	0.247	0.100	0.349
ZN	0.663	0.060	0.047	0.524	0.091	0.409	0.397	0.532

LOG:	SR 1	TI 1	U 1	V 1	W 1	Y 1	ZN 1
AUPB	0.108	-0.364	0.330	0.036	-0.060	-0.309	0.174
AG	0.269	-0.040	-0.016	0.086	0.055	0.119	0.287
AL	-0.529	0.762	0.134	0.481	0.110	0.450	0.286
AS	0.017	-0.249	-0.014	-0.089	0.108	-0.312	-0.120
B	-0.546	0.400	0.177	0.347	0.034	0.272	0.255
BA	0.230	0.169	-0.052	0.033	-0.106	0.241	0.287
BI	0.133	0.143	-0.183	-0.004	-0.035	0.161	0.131
CA	0.488	-0.408	0.065	-0.068	0.075	-0.244	0.236
CD	0.005	0.128	0.105	0.201	-0.071	0.213	0.650
CO	-0.327	0.334	0.396	0.432	0.011	0.050	0.492
CR	-0.177	0.402	0.190	0.316	0.003	0.212	0.230
CU	0.029	0.089	0.337	0.362	-0.068	0.089	0.367
FE	-0.238	0.130	0.458	0.429	0.001	-0.101	0.469
K	-0.031	0.523	0.087	0.358	0.063	0.378	0.403
LA	0.199	0.084	-0.213	0.097	-0.111	0.104	0.176
MG	-0.029	0.222	0.201	0.329	0.048	-0.006	0.495
MN	0.346	-0.207	0.105	0.042	-0.022	-0.156	0.663
MO	-0.038	-0.070	0.184	0.042	-0.055	-0.016	0.060
NR	-0.144	0.432	-0.224	0.113	-0.080	0.435	0.047
NI	-0.244	0.249	0.305	0.351	-0.004	0.003	0.524
P	-0.112	0.232	0.033	0.166	-0.019	0.241	0.091
PB	0.144	0.125	0.048	0.189	-0.044	0.247	0.409
SB	0.130	0.192	0.118	0.272	0.121	0.100	0.397
SN	-0.299	0.340	0.148	0.205	-0.084	0.349	0.532
SR	1.000	-0.413	-0.237	-0.342	0.006	-0.243	-0.041
TI	-0.413	1.000	0.022	0.583	0.122	0.800	0.142
U	-0.237	-0.022	1.000	0.166	-0.057	-0.154	0.207
V	-0.342	0.583	0.166	1.000	0.105	0.476	0.276
W	0.006	0.122	-0.057	0.105	1.000	0.095	-0.040
Y	-0.243	0.800	-0.154	0.476	0.095	1.000	0.070
ZN	-0.041	0.142	0.207	0.276	-0.040	0.070	1.000

continued.... /4

HISTO: ROCK SAMPLES - BOGG, WIND, CC CLAIMS RUN ON 91:10:07 AT 15:58:26

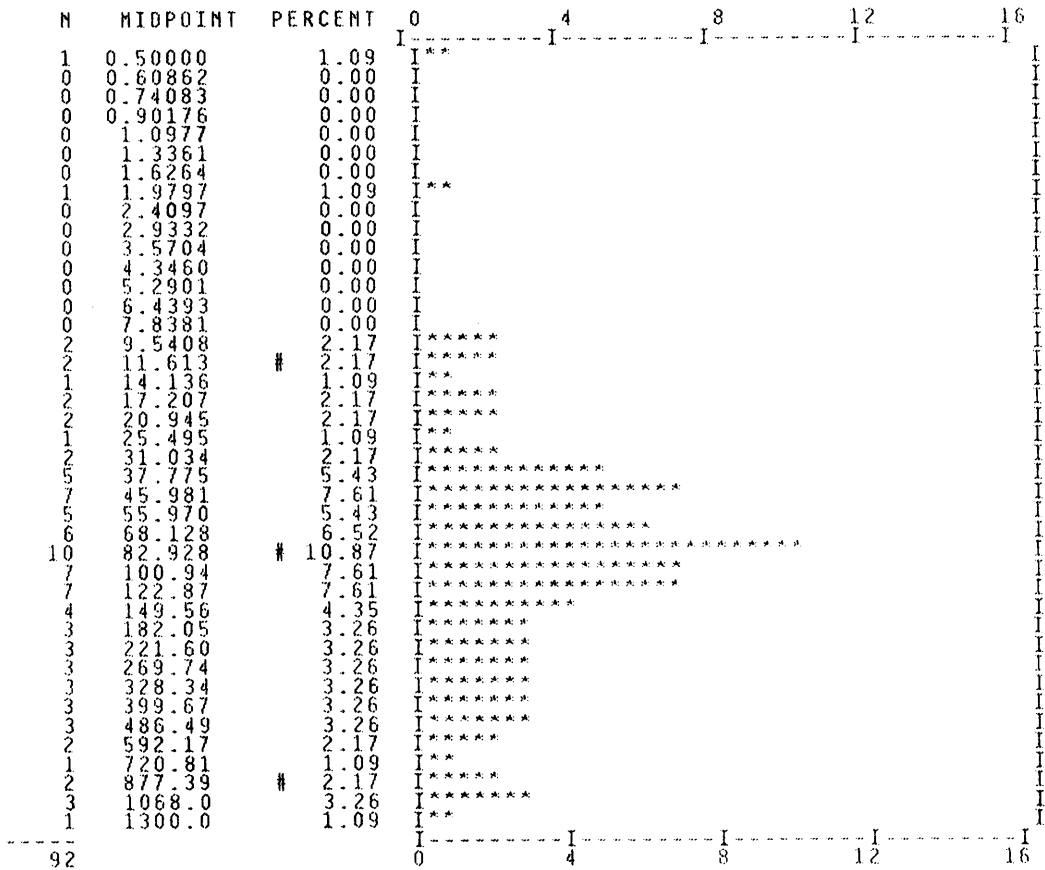
File: bogg-91.utm Field name: RUPB LOG = 1 REPVAL = 0.00100
 92 SAMPLES WITH RUPB MINIMUM: 2.50000 MAXIMUM: 190.000
 92 VALUES PLOTTED: 0 NOT IN RANGE 2.50000 to 190.000
 GEOMETRIC MEAN: 8.50392 DISPERSION: 3.32449 21.7527
 SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%



HISTO: ROCK SAMPLES - BOGG, WIND, CC CLAIMS

RUN ON 91:10:07 AT 15:58:26

File: bogg-91.ut# Field name: CU LOG = 1 REPVAL = 0.00100
 92 SAMPLES WITH CU MINIMUM: 0.500000 MAXIMUM: 1300.00
 92 VALUES PLOTTED: 0 NOT IN RANGE 0.500000 to 1300.00
 GEOMETRIC MEAN: 94.4217 DISPERSION: 24.8163 359.258
 SCALE OF HISTOGRAM IS 0.40 COUNTS /PRINT POSITION # = 5,50,95%



HISTO: ROCK SAMPLES - BOGG, WIND, CC CLAIMS

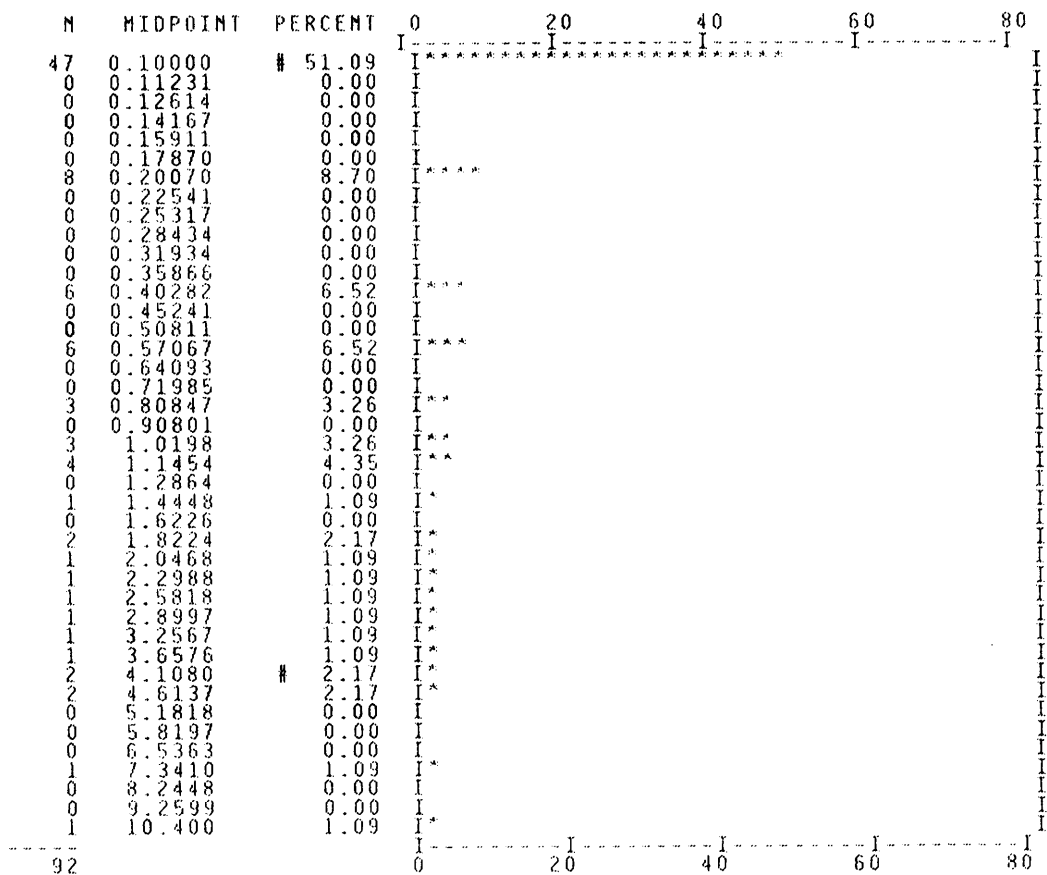
RUN ON 91:10:07 AT 15:58:26

File: bogg-91.utm Field name: PB LOG = 1 REPVAL = 0.00100
 92 SAMPLES WITH PB MINIMUM: 1.00000 MAXIMUM: 1692.00
 92 VALUES PLOTTED: 0 NOT IN RANGE 1.00000 to 1692.00
 GEOMETRIC MEAN: 30.1273 DISPERSION: 4.79812 189.169
 SCALE OF HISTOGRAM IS 0.40 COUNTS /PRINT POSITION N = 5,50,95%

N	MIDPOINT	PERCENT	0	4	8	12	16
1	1.0000	1.09	I**				I
0	1.2042	0.00	I				I
0	1.4502	0.00	I				I
0	1.7463	0.00	I				I
5	2.1030	# 5.43	I*****				I
0	2.5325	0.00	I				I
0	3.0497	0.00	I				I
5	3.6726	5.43	I*****				I
0	4.4226	0.00	I				I
0	5.3259	0.00	I				I
12	6.4136	13.04	I*****				I
6	7.7234	6.52	I*****				I
5	9.3008	5.43	I*****				I
5	11.200	5.43	I*****				I
3	13.488	3.26	I*****				I
1	16.242	1.09	I**				I
4	19.560	# 4.35	I*****				I
3	23.554	3.26	I*****				I
4	28.365	4.35	I*****				I
2	34.158	2.17	I**				I
1	41.134	1.09	I**				I
4	49.535	4.35	I*****				I
3	59.651	3.26	I*****				I
1	71.834	1.09	I**				I
2	86.505	2.17	I**				I
2	104.17	2.17	I**				I
1	125.45	1.09	I**				I
4	151.07	4.35	I*****				I
0	181.92	0.00	I				I
1	219.07	1.09	I**				I
4	263.82	4.35	I*****				I
2	317.69	2.17	I**				I
1	382.58	1.09	I**				I
1	460.71	1.09	I**				I
1	554.80	1.09	I**				I
1	668.11	1.09	I**				I
1	804.56	1.09	I**				I
0	968.88	0.00	I				I
3	1166.8	# 3.26	I*****				I
1	1405.0	1.09	I**				I
2	1692.0	2.17	I**				I
92			I-----I-----I-----I-----I				I

HISTO: ROCK SAMPLES - BOGG, WIND, CC CLAIMS RUN ON 91:10:07 AT 15:58:26

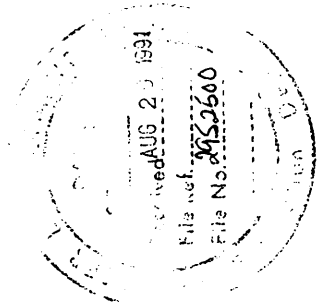
File: bogg-91.utm Field name: AG LOG = 1 REPVAL = 0.00100
 92 SAMPLES WITH AG MINIMUM: 0.100000 MAXIMUM: 10.4000
 92 VALUES PLOTTED: 0 NOT IN RANGE 0.100000 to 10.4000
 GEOMETRIC MEAN: 0.296627 DISPERSION: 0.767874E-01 1.14586
 SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%



Appendix V
Soil Geochemical 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. - ETK 91-535
 401, 1540 PEARSON PLACE
 KAMLOOPS, B.C.
 VIS 1J9



AUGUST 13, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 0416 *Boyer*
 245 SOIL SAMPLES RECEIVED JULY 24, 1991

#	DESCRIPTION	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
-	L 40700E 39925N	<.2	2.20	15	8	105	<.5	.42	<.1	20	23	30	3.54	.06	<.10	.51	632	<.1	.01	10	980	16	<.5	<.20	17	.14	<.10	84	<.10	5	98
-	L 40700E 39950N	<.2	2.64	30	10	110	<.5	.58	<.1	25	41	78	4.60	.08	<.10	1.07	500	2	.01	22	770	20	5	<.20	21	.15	<.10	106	<.10	4	92
3 -	L 40700E 39975N	<.2	2.63	30	10	125	<.5	.48	<.1	24	32	54	4.54	.08	<.10	.88	341	2	.01	20	640	18	<.5	<.20	17	.15	10	100	<.10	3	94
4 -	L 40700E 40000N	<.2	1.56	20	8	160	<.5	.42	<.1	17	26	52	3.96	.10	<.10	.54	268	1	.01	15	480	12	5	<.20	14	.09	<.10	87	<.10	1	60
5 -	L 40700E 40025N	<.2	1.83	15	8	135	<.5	.34	<.1	18	25	24	3.82	.04	<.10	.40	237	<.1	.01	14	790	14	<.5	<.20	13	.15	10	86	<.10	2	131
6 -	L 40700E 40050N	<.2	1.64	25	4	125	<.5	.28	<.1	18	27	36	4.72	.04	<.10	.44	288	<.1	.01	15	480	14	<.5	<.20	10	.09	10	114	<.10	<.1	77
7 -	L 40700E 40075N	<.2	2.57	20	8	215	<.5	.39	<.1	21	35	55	4.84	.06	<.10	.74	316	<.1	.01	24	1110	16	<.5	<.20	14	.14	<.10	93	<.10	2	164
8 -	L 40700E 40100N	<.2	2.20	25	8	305	<.5	.37	<.1	25	26	48	4.43	.06	<.10	.55	380	2	.01	20	1010	18	<.5	<.20	14	.12	<.10	76	<.10	2	105
9 -	L 40700E 40125N	<.2	2.31	25	8	315	<.5	.43	<.1	18	31	41	4.21	.04	<.10	.72	293	1	<.01	22	780	14	5	<.20	16	.11	10	88	<.10	1	91
10 -	L 40700E 40150N	<.2	3.15	20	8	200	<.5	.35	<.1	18	34	26	4.14	.05	<.10	.59	212	1	.01	21	1230	16	<.5	<.20	13	.11	10	78	<.10	1	106
11 -	L 40700E 40175N	<.2	3.09	35	8	215	<.5	.46	<.1	30	38	36	4.79	.05	<.10	.75	266	1	.01	36	830	20	5	<.20	18	.14	10	99	<.10	1	97
12 -	L 40700E 40200N	<.2	3.25	35	10	210	<.5	.41	<.1	26	45	31	4.68	.04	<.10	.84	272	2	.01	37	650	22	<.5	<.20	16	.14	10	96	<.10	1	135
13 -	L 40700E 40225N	<.2	2.60	30	8	140	<.5	.46	<.1	24	45	58	4.35	.07	<.10	.84	472	2	.01	26	350	16	5	<.20	18	.12	<.10	101	<.10	4	111
14 -	L 40700E 40250N	<.2	3.49	35	10	240	<.5	.63	<.1	25	40	51	4.61	.06	<.10	.78	371	2	.01	31	350	22	<.5	<.20	22	.13	<.10	95	<.10	4	125
15 -	L 40700E 40275N	<.2	1.24	25	6	130	<.5	.16	<.1	17	11	200	4.24	.04	<.10	.22	250	2	.01	11	550	40	<.5	<.20	7	.08	<.10	67	<.10	<.1	104
16 -	L 40700E 40300N	<.2	2.41	35	8	100	<.5	.31	<.1	21	28	226	4.75	.04	<.10	.75	376	4	.01	22	630	28	5	<.20	11	.07	<.10	83	<.10	<.1	92
17 -	L 40700E 40325N	<.2	2.55	30	8	85	<.5	.46	<.1	19	37	38	3.91	.03	<.10	.87	306	1	<.01	20	1020	16	5	<.20	14	.14	<.10	98	<.10	4	98
-	L 41050E 39850N	<.2	2.77	10	8	95	<.5	.44	<.1	25	23	43	3.67	.07	<.10	.57	1056	1	.01	28	740	16	<.5	<.20	19	.16	10	76	<.10	3	186
19 -	L 41050E 39875N	<.2	1.26	5	6	50	<.5	.26	<.1	13	15	17	2.70	.03	<.10	.28	225	<.1	.01	9	610	14	<.5	<.20	14	.12	10	69	<.10	2	108
20 -	L 41050E 39900N	<.2	3.30	15	8	65	<.5	.35	<.1	14	19	19	3.98	.03	<.10	.26	165	<.1	.01	11	3420	18	<.5	<.20	19	.15	10	68	<.10	2	102
21 -	L 41050E 39925N	<.2	2.28	20	8	105	<.5	.45	<.1	23	31	28	4.50	.06	<.10	.45	436	1	<.01	22	640	16	<.5	<.20	21	.12	10	99	<.10	1	135
22 -	L 41050E 39950N	<.2	2.89	30	8	160	<.5	.44	<.1	21	36	36	5.02	.06	<.10	.72	349	1	.01	27	600	16	<.5	<.20	20	.15	10	125	<.10	1	121
23 -	L 41050E 40000N	<.2	2.54	20	8	145	<.5	.33	<.1	28	30	61	4.88	.05	<.10	.57	1125	<.1	.01	32	810	18	5	<.20	23	.17	10	125	<.10	2	146
24 -	L 41050E 40200N	<.2	1.52	30	4	135	<.5	.22	<.1	17	6	38	5.68	.05	<.10	.24	294	1	.01	8	1080	20	<.5	<.20	8	.03	10	88	<.10	<.1	82
25 -	L 41050E 40225N	<.2	2.42	25	8	85	<.5	.32	<.1	16	35	25	3.80	.04	<.10	.75	294	<.1	.01	16	650	14	<.5	<.20	10	.11	10	97	<.10	2	79
26 -	L 41050E 40250N	<.2	1.87	20	10	90	<.5	.29	<.1	11	27	15	3.25	.04	<.10	.49	259	1	.01	9	850	16	<.5	<.20	12	.10	10	94	<.10	1	68

ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK91- 411

PAGE 2

BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FR(%)	K(%)	LA	MG(%)	NN	MO	NA(%)	NI	P	PB	SB	SW	SR	TI(%)	U	V	W	Y	ZN
27	L30500 E 40225 H	<.2	2.56	15	4	60	<5	.72	<1	20	39	81	5.11	.52	<10	2.30	599	1	<.01	12	1160	20	10	<20	13	.19	<10	130	<10	5	61
28	L30500 E 40250 H	.4	2.52	10	4	80	<5	.21	<1	22	273	60	4.33	.73	<10	2.65	651	2	.03	98	690	52	15	<20	7	.19	<10	130	<10	5	105
29	L30500 E 40275 H	.6	2.03	10	6	70	<5	.23	<1	17	21	61	4.25	.15	<10	1.16	304	4	.01	11	700	60	10	<20	8	.21	<10	120	<10	6	118
30	L30500 E 40300 H	<.2	2.41	25	8	55	<5	.32	<1	25	111	108	5.56	.52	<10	2.64	701	7	.02	41	930	130	10	<20	9	.20	<10	142	<10	6	97
31	L30500 E 40325 H	.2	1.87	15	4	85	<5	.71	<1	16	32	75	4.29	.14	<10	1.47	403	2	<.01	12	780	26	10	<20	9	.10	<10	125	<10	7	79
32	L30500 E 40350 H	<.2	2.65	20	6	65	<5	.26	<1	25	119	132	6.23	.07	<10	1.66	385	4	.01	62	840	40	10	<20	9	.15	<10	147	<10	2	104
33	L30500 E 40375 H	<.2	1.96	20	8	70	<5	.41	<1	16	47	68	4.43	.09	<10	1.36	314	6	.01	19	550	24	10	<20	13	.10	<10	113	<10	6	69
34	L30500 E 40400 H	<.2	2.20	20	6	105	<5	.51	<1	22	28	73	4.95	.20	<10	1.52	358	9	.01	13	720	26	10	<20	22	.24	<10	121	<10	11	91
35	L30500 E 40425 H	<.2	2.14	5	4	55	<5	.20	<1	13	32	35	3.34	.04	<10	.70	216	2	<.01	12	560	20	5	<20	9	.14	<10	86	<10	5	70
36	L30500 E 40450 H	<.2	2.16	20	6	55	<5	.51	<1	20	32	138	5.08	.08	<10	1.20	247	20	<.01	15	620	50	10	<20	5	.20	<10	143	<10	10	77
37	L30600 E 40025 H	4.2	2.69	55	4	145	25	.19	<1	29	32	1736	9.91	.51	<10	1.92	503	7	<.01	21	1510	640	15	<20	8	.07	<10	160	<10	<1	117
38	L30600 E 40050 H	.4	1.73	20	4	45	<5	.30	<1	20	42	85	4.36	.13	<10	1.29	273	4	.01	15	700	42	10	<20	10	.17	<10	125	<10	5	50
39	L30600 E 40075 H	<.2	1.93	20	4	45	<5	.51	<1	15	43	94	5.41	.23	<10	1.74	343	4	.01	7	870	18	10	<20	10	.21	<10	150	<10	7	30
40	L30600 E 40100 H	<.2	1.80	10	4	40	<5	.32	<1	15	33	36	4.67	.08	<10	.81	208	3	.01	9	1490	18	5	<20	9	.18	<10	140	<10	4	46
41	L30600 E 40125 H	<.2	1.72	10	6	60	<5	.33	<1	18	36	66	4.45	.21	<10	1.19	262	6	.02	12	880	28	10	<20	10	.22	<10	144	<10	8	42
42	L30600 E 40150 H	<.2	2.51	40	6	50	<5	1.99	<1	35	49	221	5.26	.04	<10	1.44	1051	15	<.01	48	610	42	5	<20	<1	.21	<10	383	<10	16	67
43	L30600 E 40175 H	<.2	1.73	30	6	50	<5	.22	<1	22	26	94	6.02	.11	<10	1.25	296	4	.02	10	710	120	10	<20	7	.27	<10	185	<10	9	82
44	L30600 E 40200 H	.4	1.91	20	4	55	<5	.18	<1	21	40	114	5.01	.20	<10	1.48	295	4	.03	16	960	72	10	<20	5	.19	<10	141	<10	6	64
45	L30600 E 40225 H	<.2	2.29	20	4	55	<5	.22	<1	22	48	105	5.75	.35	<10	2.11	374	2	.03	17	670	74	10	<20	5	.14	<10	147	<10	4	52
46	L30600 E 40250 H	.4	2.15	10	6	70	<5	.89	<1	19	41	93	4.51	.10	<10	1.38	471	5	<.01	14	500	36	10	<20	13	.26	<10	131	<10	11	84
47	L30600 E 40275 H	<.2	2.12	10	4	75	<5	1.21	<1	16	24	128	4.56	.37	<10	1.60	594	<1	<.01	10	950	30	10	<20	11	.13	<10	108	<10	7	55
48	L30600 E 40300 H	1.0	.87	40	6	45	<5	.22	<1	27	16	97	6.19	.06	<10	.50	598	29	.03	8	1910	124	5	<20	8	.17	<10	116	<10	1	96
49	L30600 E 40325 H	.2	2.14	25	6	45	<5	.21	<1	27	45	217	6.37	.22	<10	1.44	547	8	.02	19	1060	46	10	<20	5	.14	<10	154	<10	3	88
50	L30600 E 40350 H	<.2	2.25	10	4	60	<5	.34	<1	15	34	32	4.01	.07	<10	.70	329	3	.01	12	1000	24	5	<20	10	.20	<10	107	<10	6	93
51	L30600 E 40375 H	<.2	2.95	5	6	45	<5	.48	<1	25	84	70	4.68	.35	<10	2.85	432	5	.02	25	770	26	10	<20	17	.21	<10	146	<10	6	90
52	L30600 E 40400 H	<.2	2.30	15	6	65	<5	.61	<1	21	39	136	4.85	.14	<10	1.49	417	3	<.01	16	630	36	10	<20	11	.23	<10	136	<10	10	112
53	L30600 E 40425 H	<.2	2.09	35	6	50	<5	.22	<1	24	40	138	5.82	.28	<10	1.95	271	13	.03	14	530	34	10	<20	8	.28	<10	199	<10	9	76
54	L30600 E 40450 H	<.2	1.66	5	4	50	<5	.68	<1	14	23	44	3.55	.11	<10	1.04	322	1	.01	8	480	26	5	<20	6	.21	<10	108	<10	8	55
55	L30800 E 39550 H	<.2	2.66	15	<2	60	<5	.24	<1	18	29	51	5.21	.06	<10	.63	255	<1	<.01	14	540	22	5	<20	14	.08	<10	120	<10	<1	59
56	L30800 E 39575 H	<.2	3.00	10	<2	95	<5	.36	<1	23	25	61	5.46	.04	<10	.65	399	<1	.01	14	520	22	5	<20	20	.13	<10	139	<10	2	65
57	L30800 E 39600 H	<.2	3.96	15	<2	130	<5	.22	<1	29	31	138	6.83	.08	<10	1.11	533	1	<.01	21	630	30	5	<20	14	.04	<10	119	<10	3	78
58	L30800 E 39625 H	<.2	1.91	15	<2	45	<5	.19	<1	17	24	39	4.45	.02	<10	.33	448	1	.01	11	560	62	<5	<20	17	.17	<10	101	<10	4	65
59	L30800 E 39650 H	<.2	1.34	5	<2	65	<5	.17	<1	8	18	16	3.33	.05	<10	.22	153	1	<.01	6	540	16	<5	<20	9	.09	<10	82	<10	<1	48
60	L30800 E 39675 H	<.2	2.11	15	<2	130	<5	.28	<1	19	58	44	5.11	.08	<10	.78	357	2	<.01	10	580	18	5	<20	12	.07	<10	110	<10	<1	76
61	L30800 E 39700 H	<.2	1.95	15	<2	170	<5	.34	<1	17	18	45	4.98	.07	<10	.34	335	2	<.01	10	670	18	5	<20	50	.03	<10	87	<10	<1	67
62	L30800 E 39725 H	.8	2.74	<5	8	175	<5	1.06	1	26	66	159	4.24	.26	<10	1.39	551	1	<.01	39	510	28	10	<20	132	.17	<10	104	<10	13	106
63	L30800 E 39775 H	2.6	4.03	40	8	345	<5	1.29	3	58	79	341	8.97	.25	38	1.21	5043	139	<.01	57	930	50	10	<20	99	.06	<10	150	<10	39	106

PAGE 3

BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	NG(%)	NH	NO	NA(%)	NI	P	PB	SB	SM	SR	TI(%)	U	V	W	Y	ZH
64	- L30000 B 39000 H	<.2	1.40	10	4	140	<5	.42	<1	13	33	51	3.63	.09	<10	.72	270	6	<0.01	15	950	10	5	<20	19	.14	<10	123	<10	4	80
65	- L30000 B 39025 H	<.2	.64	15	2	115	<5	.16	<1	12	10	28	3.57	.04	<10	.19	240	5	<0.01	10	470	36	<5	<20	11	.15	<10	104	<10	3	40
66	- L30000 B 39050 H	<.2	2.50	15	6	65	<5	.50	<1	23	63	141	4.09	.15	<10	1.55	431	5	<0.01	38	890	26	10	<20	17	.15	<10	117	<10	6	74
67	- L30000 B 39075 H	<.2	2.52	5	4	65	<5	.35	1	15	40	21	3.07	.07	<10	.72	225	2	<0.01	19	860	20	5	<20	10	.21	<10	107	<10	7	90
68	- L30000 B 39900 H	<.2	1.42	10	4	110	<5	.29	<1	14	48	16	3.45	.06	<10	.50	232	1	.01	20	1160	16	<5	<20	14	.19	<10	101	<10	5	80
69	- L30000 B 39925 H	<.2	1.79	10	8	125	<5	.32	<1	27	146	48	4.33	.10	<10	1.67	1157	4	.02	76	1170	12	10	<20	15	.20	<10	126	<10	4	60
70	- L30000 B 39950 H	.8	3.50	5	6	100	<5	.26	<1	45	342	103	5.92	.96	<10	3.03	811	7	.02	147	520	66	10	<20	13	.22	<10	100	<10	5	95
71	- L30000 B 39975 H	<.2	2.14	15	4	70	<5	.61	<1	19	55	87	4.34	.13	<10	1.36	551	4	<0.01	22	890	24	10	<20	15	.17	<10	120	<10	6	72
72	- L30000 B 40000 H	<.2	1.97	20	6	55	<5	.74	<1	10	30	82	4.00	.13	<10	1.35	419	4	<0.01	12	830	20	10	<20	14	.21	<10	132	<10	8	76
73	- L30000 B 40025 H	.4	1.99	25	4	65	<5	.53	<1	10	42	112	6.10	.20	<10	1.63	538	27	<0.01	11	1100	32	10	<20	7	.16	<10	170	<10	3	55
74	- L30000 B 40050 H	<.2	1.99	20	6	50	<5	.90	<1	23	52	136	5.31	.17	<10	1.40	560	7	<0.01	20	990	42	10	<20	11	.17	<10	144	<10	5	62
75	- L30000 B 40075 H	<.2	1.59	15	6	35	<5	.43	<1	13	38	58	4.59	.13	<10	1.20	231	8	.02	11	1070	22	10	<20	7	.21	<10	175	<10	7	34
76	- L30000 B 40100 H	.6	2.10	15	4	55	<5	.42	<1	17	44	52	5.06	.07	<10	.95	320	5	.01	16	1130	26	5	<20	10	.10	<10	130	<10	4	66
77	- L30000 B 40125 H	5.0	2.20	20	6	160	<5	1.64	3	31	44	1943	4.97	.25	30	1.28	2088	13	<0.01	68	860	448	10	<20	54	.11	<10	109	<10	67	204
78	- L30000 B 40150 H	.4	2.30	15	4	80	<5	.74	<1	22	65	106	4.01	.15	<10	1.66	430	10	.01	23	350	66	10	<20	14	.25	<10	145	<10	9	87
79	- L30000 B 40175 H	1.6	2.20	85	4	65	<5	.41	<1	21	58	113	6.09	.15	<10	1.00	660	5	.03	19	700	140	10	<20	14	.11	<10	150	<10	<1	115
80	- L30000 B 40200 H	.4	1.72	10	4	45	<5	.50	<1	15	39	49	3.40	.10	<10	.97	285	3	.01	13	560	24	5	<20	8	.20	<10	117	<10	8	50
81	- L30000 B 40225 H	<.2	2.62	30	4	75	<5	.75	<1	24	30	115	5.02	.43	<10	2.07	409	4	<0.01	14	800	24	10	<20	13	.10	<10	166	<10	5	71
82	- L30000 B 40250 H	<.2	2.04	40	6	105	<5	.33	<1	23	54	116	5.08	.18	<10	1.93	470	5	.03	21	1250	62	10	<20	12	.15	<10	165	<10	1	101
83	- L30000 B 40275 H	<.2	2.33	15	4	65	<5	.62	<1	19	44	88	4.07	.43	<10	2.07	500	2	<0.01	12	730	26	10	<20	15	.20	<10	135	<10	7	85
84	- L30000 B 40325 H	1.2	3.12	5	4	140	<5	1.14	2	20	50	222	4.42	.22	<10	1.40	1249	15	.02	32	410	50	10	<20	35	.19	<10	117	<10	17	156
85	- L30000 B 40350 H	<.2	1.76	5	6	45	<5	.39	<1	16	55	48	3.30	.07	<10	.99	277	4	.02	25	340	22	10	<20	12	.17	<10	93	<10	6	84
86	- L30000 B 40375 H	<.2	2.12	20	4	95	<5	.24	<1	10	25	24	4.05	.05	<10	.45	501	2	.01	14	1540	22	5	<20	11	.19	<10	99	<10	4	171
87	- L30000 B 40400 H	<.2	2.15	20	4	85	<5	.55	<1	19	33	90	4.70	.11	<10	1.20	414	2	<0.01	16	700	10	10	<20	19	.14	<10	132	<10	4	111
88	- L30000 B 40425 H	<.2	1.50	15	4	75	<5	.19	<1	14	23	20	3.30	.04	<10	.41	699	3	.01	12	380	20	<5	<20	10	.16	<10	102	<10	4	104
89	- L30000 B 40450 H	<.2	1.84	15	4	50	<5	.22	<1	17	25	65	4.41	.05	<10	.96	288	2	.02	11	840	36	10	<20	7	.23	<10	92	<10	9	72
90	- L30900 B 39550 H	.4	2.40	10	<2	465	<5	.54	<1	19	37	51	4.36	.09	<10	.56	1232	2	<0.01	17	570	20	5	<20	76	.06	<10	97	<10	2	114
91	- L30900 B 39575 H	.8	3.66	5	4	565	<5	.92	<1	25	55	146	5.62	.14	10	.99	1195	2	<0.01	36	900	34	10	<20	124	.00	<10	80	<10	32	90
92	- L30900 B 39600 H	1.0	3.19	5	6	570	<5	1.38	1	22	57	189	5.10	.15	10	1.04	1646	2	<0.01	35	1120	26	5	<20	185	.05	<10	80	<10	33	119
93	- L30900 B 39625 H	<.2	2.43	15	4	310	<5	.80	<1	31	52	111	5.02	.11	<10	1.11	1225	2	<0.01	26	670	20	10	<20	69	.00	<10	100	<10	12	99
94	- L30900 B 39650 H	.6	2.56	5	4	340	<5	1.31	<1	19	43	122	3.92	.07	10	.84	813	1	<0.01	23	800	22	10	<20	100	.05	<10	70	<10	21	79
95	- L30900 B 39675 H	<.2	2.17	15	6	150	<5	.63	<1	18	40	47	4.54	.04	<10	.70	264	1	<0.01	18	630	20	5	<20	40	.09	<10	90	<10	2	80
96	- L30900 B 39700 H	1.0	2.24	<5	12	205	<5	2.01	<1	19	46	161	3.37	.09	<10	1.07	1240	1	<0.01	25	1160	22	10	<20	173	.07	<10	60	<10	10	92
97	- L30900 B 39725 H	2.6	3.06	<5	10	190	<5	1.06	2	15	33	225	2.66	.06	10	.72	838	<1	<0.01	29	710	22	5	<20	175	.10	<10	44	<10	16	118
98	- L30900 B 39750 H	3.6	3.20	<5	20	545	<5	1.56	3	22	51	355	3.97	.11	10	.79	2165	36	<0.01	47	1340	90	10	<20	132	.00	<10	72	<10	26	170
99	- L30900 B 39775 H	3.0	2.35	<5	12	230	<5	1.59	2	15	57	135	2.93	.07	<10	.76	704	11	<0.01	36	750	22	5	<20	71	.10	<10	67	<10	10	82
100	- L30900 B 39800 H	.4	1.62	10	4	105	<5	.34	<1	17	41	45	3.62	.06	<10	.75	1754	5	.01	17	350	20	5	<20	12	.16	<10	113	<10	5	92

PAGE 4

BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CO	CO	CR	CU	FB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SW	SR	TI(%)	U	V	V	Y	ZN
101	L38900 B 39025 H	<.2	1.74	10	4	70	<5	.28	<1	14	55	39	3.74	.06	<10	.80	230	6	.01	20	630	30	10	<20	11	.19	<10	114	<10	6	86
102	L38900 B 39050 H	<.2	1.34	25	4	65	<5	.35	<1	13	46	30	3.20	.07	<10	.77	210	4	.01	16	540	22	5	<20	13	.17	<10	120	<10	5	42
103	L38900 B 39075 H	<.2	1.47	25	4	80	<5	.41	<1	12	29	17	3.47	.05	<10	.45	199	2	<0.01	11	940	20	5	<20	15	.20	<10	115	<10	6	67
104	L38900 B 39900 H	<.2	1.75	25	4	120	<5	.40	<1	15	33	33	3.85	.05	<10	.52	351	7	<0.01	16	910	30	5	<20	17	.18	<10	114	<10	5	84
105	L38900 B 39925 H	<.2	2.34	25	4	65	<5	.29	<1	21	50	80	4.27	.06	<10	.79	334	15	<0.01	25	800	62	10	<20	11	.14	<10	110	<10	3	95
106	L38900 B 39950 H	1.2	2.96	25	4	130	<5	.76	1	20	57	120	4.42	.13	<10	1.17	693	16	<0.01	34	580	30	10	<20	25	.13	<10	105	<10	16	84
107	L38900 B 39975 H	1.0	1.95	15	2	65	<5	.20	<1	11	29	59	3.37	.04	<10	.37	176	6	<0.01	11	650	40	<5	<20	11	.09	<10	83	<10	3	52
108	L38900 B 40000 H	<.2	2.24	35	4	115	<5	.42	<1	13	47	102	5.20	.19	<10	1.58	349	35	.01	15	510	62	10	<20	25	.10	<10	123	<10	2	52
109	L38900 B 40075 H	1.2	1.63	15	30	80	<5	1.92	<1	13	36	354	2.66	.29	<10	.93	428	14	<0.01	23	760	28	5	<20	95	.08	<10	79	<10	16	80
110	L38900 B 40100 H	1.4	2.11	15	26	135	<5	1.99	2	14	34	393	3.09	.08	<10	.63	1133	8	<0.01	23	720	22	5	<20	63	.08	<10	65	<10	10	56
111	L38900 B 40125 H	1.2	1.70	25	24	135	<5	2.20	1	20	32	320	3.51	.22	<10	.77	1387	12	<0.01	23	810	22	5	<20	68	.07	<10	91	<10	12	64
112	L38900 B 40150 H	2.0	2.04	5	40	100	<5	3.29	2	9	10	100	1.74	.06	<10	.40	1605	13	<0.01	14	1390	14	5	<20	114	.04	<10	37	<10	13	55
113	L38900 B 40175 H	.8	2.05	15	24	130	<5	1.63	1	20	30	313	3.41	.28	10	.88	801	8	<0.01	22	470	30	10	<20	52	.11	<10	91	<10	22	70
114	L38900 B 40200 H	<.2	2.43	30	4	45	<5	.94	<1	23	52	112	4.66	.36	<10	1.66	523	2	<0.01	21	300	28	10	<20	10	.17	<10	142	<10	6	69
115	L38900 B 40225 H	<.2	2.22	30	10	55	<5	1.83	<1	22	39	95	4.91	.15	<10	1.41	479	1	<0.01	16	770	20	10	<20	9	.20	<10	155	<10	9	64
116	L38900 B 40250 H	<.2	2.46	40	10	60	<5	1.29	<1	22	39	113	5.70	.20	<10	1.75	489	3	<0.01	15	1060	26	10	<20	7	.21	<10	180	<10	9	61
117	L38900 B 40275 H	<.2	2.65	25	8	65	<5	.79	<1	27	58	133	5.30	.46	<10	2.05	451	2	.01	22	920	20	10	<20	16	.22	<10	165	<10	9	61
118	L38900 B 40300 H	<.2	1.77	20	8	60	<5	.99	<1	19	34	56	4.09	.14	<10	1.14	329	1	<0.01	12	720	14	5	<20	7	.29	<10	141	<10	14	48
119	L38900 B 40325 H	<.2	1.77	40	8	55	<5	.38	<1	25	43	195	5.67	.21	<10	1.52	342	4	.02	15	950	32	10	<20	9	.22	<10	151	<10	7	44
120	L38900 B 40350 H	<.2	2.04	30	8	55	<5	.42	<1	19	42	221	5.32	.22	<10	1.76	581	2	.03	18	1360	18	10	<20	9	.27	<10	149	<10	13	87
121	L38900 B 40375 H	<.2	2.25	30	8	50	<5	.41	<1	20	54	134	4.63	.14	<10	1.36	602	4	.02	21	720	42	10	<20	12	.18	<10	136	<10	6	76
122	L38900 B 40400 H	.8	2.41	20	8	90	<5	.52	<1	20	40	164	4.33	.16	<10	1.33	675	4	.02	16	860	20	10	<20	14	.18	<10	129	<10	7	98
123	L38900 B 40425 H	<.2	2.47	45	8	75	<5	1.22	1	39	65	1083	7.05	.91	<10	2.35	1356	5	<0.01	34	770	18	10	<20	35	.11	<10	178	<10	15	71
124	L38900 B 40450 H	<.2	3.10	60	10	55	<5	.41	<1	39	53	312	7.88	.73	<10	2.94	954	9	.02	19	640	40	10	<20	10	.25	<10	263	<10	8	82
125	L39000 B 39550 H	<.2	3.22	15	8	170	<5	.34	<1	15	57	68	4.12	.10	<10	1.08	314	2	.01	22	490	30	5	<20	21	.12	<10	107	<10	5	68
126	L39000 B 39575 H	<.2	3.38	20	6	110	<5	.14	<1	12	38	23	4.71	.04	<10	.37	255	2	.02	12	1200	24	<5	<20	22	.13	<10	97	<10	2	66
127	L39000 B 39600 H	<.2	1.67	40	4	175	<5	.12	<1	21	48	50	7.11	.02	<10	.25	643	2	.01	24	730	18	<5	<20	34	.03	<10	112	<10	<1	67
128	L39000 B 39625 H	<.2	2.51	15	6	215	<5	.32	<1	15	35	55	4.30	.08	<10	.59	347	2	.01	15	710	18	5	<20	95	.09	<10	104	<10	3	71
129	L39000 B 39650 H	<.2	1.57	30	4	220	<5	.34	<1	25	14	74	5.54	.12	<10	.34	1060	<1	<0.01	13	1270	10	5	<20	15	.01	<10	62	<10	<1	79
130	L39000 B 39675 H	<.2	2.21	35	6	120	<5	.25	<1	21	37	109	6.66	.08	<10	.67	1288	3	.01	19	1090	190	5	<20	16	.04	<10	136	<10	<1	119
131	L39000 B 39700 H	<.2	2.16	20	6	85	<5	.16	<1	22	65	78	5.57	.12	<10	1.27	507	1	.02	21	510	24	5	<20	13	.10	<10	164	<10	<1	93
132	L39000 B 39725 H	<.2	2.21	10	8	115	<5	.92	<1	25	58	162	4.19	.30	<10	1.43	1054	3	.01	32	800	24	<5	<20	70	.12	<10	110	<10	14	70
133	L39000 B 39750 H	.8	2.12	10	8	110	<5	1.02	1	19	40	127	3.31	.17	<10	.99	879	8	.01	27	680	12	10	<20	53	.11	<10	82	<10	12	78
134	L39000 B 39775 H	<.2	2.13	5	6	85	<5	.84	<1	20	51	99	3.49	.20	<10	1.25	574	8	<0.01	23	290	12	5	<20	35	.13	<10	103	<10	9	60
135	L39000 B 39800 H	1.2	2.55	<5	6	105	<5	.93	<1	9	25	94	2.08	.10	<10	.48	301	6	.02	21	410	6	<5	<20	43	.10	<10	40	<10	10	44
136	L39000 B 39825 H	<.2	1.93	5	8	110	<5	1.12	1	21	60	129	3.56	.23	<10	1.26	1302	25	<0.01	33	540	12	<5	<20	53	.11	<10	93	<10	11	64

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BTI	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	NM	NO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
137	- L39000 B 39150 H	<.2	2.42	<5	6	85	<5	.42	<1	20	56	50	3.55	.12	<10	1.10	345	3	.02	24	300	8	5	<20	21	.19	<10	99	<10	10	70
138	- L39000 B 39900 H	<.2	1.93	<5	6	95	<5	.67	<1	20	60	55	3.17	.26	<10	1.46	330	6	.02	27	730	10	<5	<20	27	.23	<10	101	<10	13	62
139	- L39000 B 39925 H	.6	2.04	<5	6	125	<5	.79	1	12	32	117	2.30	.07	10	.57	251	11	<0.01	19	370	6	<5	<20	39	.12	<10	65	<10	12	65
140	- L39000 B 39950 H	.8	2.66	<5	6	205	<5	1.31	2	18	45	569	3.69	.15	20	.82	1534	16	<0.01	43	770	20	<5	<20	87	.07	<10	80	<10	30	64
141	- L39000 B 39975 H	<.2	1.83	5	6	45	<5	.35	<1	15	46	97	3.42	.11	<10	1.26	206	3	.02	19	340	10	<5	<20	18	.10	<10	115	<10	8	63
142	- L39000 B 40000 H	1.0	1.72	<5	6	115	<5	.33	<1	12	28	118	2.65	.00	<10	.40	242	9	.02	16	450	40	<5	<20	32	.11	<10	82	<10	8	66
143	- L39000 B 40025 H	<.2	2.06	<5	6	90	<5	.56	<1	16	42	100	3.02	.12	<10	1.03	437	2	.01	20	340	12	<5	<20	29	.13	<10	92	<10	10	57
144	- L39000 B 40050 H	<.2	2.09	<5	6	90	<5	.57	<1	16	43	101	3.07	.12	<10	1.05	445	2	.01	21	350	14	5	<20	29	.13	<10	93	<10	10	59
145	- L39000 B 40075 H	<.2	1.59	<5	6	60	<5	.29	<1	11	27	55	2.81	.10	<10	.60	158	1	.02	13	450	22	<5	<20	15	.13	<10	93	<10	5	49
146	- L39000 B 40100 H	1.0	3.75	<5	6	230	<5	.32	<1	16	50	435	3.97	.14	<10	.73	703	7	.02	36	470	94	<5	<20	28	.09	<10	101	<10	5	79
147	- L39000 B 40125 H	<.2	3.15	<5	4	55	<5	.10	<1	10	29	26	3.30	.07	<10	.31	151	2	.01	9	1040	20	<5	<20	9	.15	<10	86	<10	5	50
148	- L39000 B 40150 H	<.2	2.00	<5	6	55	<5	.23	<1	10	29	19	3.03	.06	<10	.36	165	3	.01	8	380	10	<5	<20	12	.19	<10	101	<10	8	46
149	- L39000 B 40175 H	<.2	2.20	10	6	55	<5	.76	<1	19	35	152	4.41	.24	<10	1.47	366	2	<0.01	14	670	6	5	<20	18	.20	<10	150	<10	8	79
150	- L39000 B 40200 H	<.2	2.83	<5	6	55	<5	.44	<1	14	30	79	3.42	.13	<10	.80	261	3	.02	10	990	8	<5	<20	13	.15	<10	90	<10	6	45
151	- L39000 B 40225 H	<.2	2.45	<5	6	55	<5	.50	<1	16	34	115	4.47	.24	<10	1.29	310	2	.01	14	890	8	10	<20	15	.15	<10	145	<10	5	65
152	- L39000 B 40250 H	<.2	2.74	<5	6	75	<5	.73	<1	21	55	171	4.15	.21	<10	1.49	420	1	<0.01	24	1270	14	5	<20	14	.17	<10	125	<10	8	86
153	- L39000 B 40275 H	.4	3.03	30	4	110	<5	.80	<1	33	36	255	5.79	.19	<10	1.62	655	2	<0.01	25	890	26	10	<20	11	.17	<10	130	<10	7	160
154	- L39000 B 40300 H	<.2	1.62	15	4	85	<5	.54	<1	19	12	75	5.11	.10	<10	.92	351	3	<0.01	5	1290	22	5	<20	14	.20	<10	110	<10	7	91
155	- L39000 B 40325 H	<.2	1.00	5	4	45	<5	.35	<1	10	<1	21	2.98	.03	<10	.37	150	1	<0.01	<1	360	12	<5	<20	8	.13	<10	89	<10	5	33
156	- L39000 B 40350 H	.2	2.17	15	6	45	<5	.63	<1	21	26	78	4.57	.12	<10	1.24	500	2	<0.01	12	940	60	10	<20	11	.16	<10	113	<10	7	71
157	- L39000 B 40375 H	<.2	2.37	15	6	70	<5	.46	<1	19	19	97	5.17	.11	<10	1.10	297	5	<0.01	8	760	20	5	<20	17	.18	<10	119	<10	8	116
158	- L39000 B 40400 H	.4	3.12	25	6	65	<5	.46	<1	22	39	562	6.34	.07	<10	1.28	470	5	<0.01	16	1680	32	5	<20	11	.14	<10	143	<10	4	131
159	- L39000 B 40425 H	.4	2.51	25	6	105	<5	1.26	2	28	38	471	5.12	.11	<10	1.15	1016	11	<0.01	41	610	26	10	<20	36	.14	<10	95	<10	20	110
160	- L39000 B 40450 H	<.2	2.41	110	8	40	<5	.35	<1	36	25	156	8.03	.19	<10	1.82	405	4	.02	15	1840	42	10	<20	10	.21	10	192	<10	6	70
161	- L39100 B 39550 H	<.2	2.31	10	6	120	<5	.28	<1	16	26	35	4.51	.05	<10	.70	310	3	<0.01	8	700	30	5	<20	12	.12	<10	98	<10	3	92
162	- L39100 B 39575 H	<.2	1.94	10	6	240	<5	.39	<1	15	18	37	4.17	.05	<10	.58	231	2	<0.01	9	330	20	5	<20	45	.10	<10	91	<10	4	58
163	- L39100 B 39600 H	<.2	2.61	20	6	265	<5	.60	<1	26	39	73	5.23	.09	<10	.91	540	2	<0.01	21	830	20	10	<20	61	.09	<10	98	<10	8	127
164	- L39100 B 39625 H	<.2	1.98	20	6	100	<5	.38	<1	17	29	46	4.77	.08	<10	1.07	429	2	<0.01	12	790	36	10	<20	14	.13	<10	113	<10	5	90
165	- L39100 B 39650 H	<.2	1.73	25	6	85	<5	.31	<1	16	32	38	5.45	.06	<10	.80	291	4	<0.01	15	610	50	5	<20	13	.17	<10	111	<10	4	80
166	- L39100 B 39675 H	.6	2.10	15	8	120	<5	.69	<1	17	29	42	4.38	.05	<10	.86	281	3	<0.01	12	460	44	5	<20	35	.14	<10	105	<10	5	84
167	- L39100 B 39700 H	.2	2.52	25	6	175	<5	1.17	<1	36	46	96	6.49	.14	<10	1.42	1132	3	<0.01	27	700	44	10	<20	62	.12	<10	114	<10	8	121
168	- L39100 B 39725 H	<.2	2.27	40	8	155	<5	1.02	<1	43	47	192	7.47	.24	<10	1.68	637	6	<0.01	35	1200	36	10	<20	48	.13	<10	118	<10	14	125
169	- L39100 B 39775 H	<.2	2.66	25	8	155	<5	.87	1	30	53	113	5.96	.19	<10	1.38	1448	15	<0.01	29	600	30	10	<20	39	.15	<10	109	<10	12	146
170	- L39100 B 39800 H	.6	3.14	15	8	240	<5	.89	<1	30	50	153	5.93	.16	<10	1.29	638	6	<0.01	40	590	40	5	<20	30	.16	<10	117	<10	11	140

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BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SD	SH	SR	TI(%)	U	V	W	Y	ZN
171	- L39100 B 39025 H	1.2	1.05	85	4	105	<5	.28	<1	50	6	292	14.12	.04	<10	.32	562	56	<0.01	33	1510	84	5	<20	10	.05	<10	130	<10	<1	155
172	- L39100 B 39050 H	1.0	2.94	25	4	175	<5	.22	<1	27	32	90	7.27	.05	<10	.52	1563	35	<0.01	19	480	36	5	<20	9	.14	<10	100	<10	5	103
173	- L39100 B 39075 H	.2	1.55	30	4	115	<5	.24	<1	17	14	81	7.01	.03	<10	.38	210	7	<0.01	7	1180	38	<5	<20	10	.17	<10	112	<10	3	87
174	- L39100 B 39900 H	<.2	2.16	40	4	120	<5	.21	<1	20	17	81	9.50	.05	<10	.65	228	8	<0.01	9	2400	48	5	<20	9	.16	<10	150	<10	<1	117
175	- L39100 B 39925 H	1.2	1.30	10	4	70	<5	.13	<1	9	<1	54	3.57	.05	<10	.43	119	3	.01	<1	460	24	<5	<20	7	.13	<10	95	<10	4	60
176	- L39100 B 39950 H	<.2	2.00	10	6	70	<5	.17	<1	22	79	73	6.19	.09	<10	1.53	280	5	.01	26	840	26	10	<20	7	.19	<10	140	<10	4	152
177	- L39100 B 39975 H	<.2	3.35	10	6	155	<5	.40	<1	42	200	160	6.91	.43	<10	2.94	574	8	.01	114	900	60	10	<20	15	.25	<10	165	<10	7	127
178	- L39100 B 40000 H	.6	3.43	5	6	205	<5	.97	3	27	79	503	5.26	.18	<10	1.33	1765	11	<0.01	86	680	52	5	<20	44	.14	<10	103	<10	10	145
179	- L39100 B 40025 H	<.2	3.17	<5	8	90	<5	.51	<1	33	170	93	5.67	.16	<10	2.02	383	3	.01	114	950	34	10	<20	17	.25	<10	100	<10	7	122
180	- L39100 B 40050 H	<.2	2.80	15	6	80	<5	.43	<1	20	48	60	5.24	.07	<10	1.09	277	2	<0.01	25	1010	32	10	<20	13	.19	<10	110	<10	6	111
181	- L39100 B 40075 H	<.2	1.62	10	6	80	<5	.44	<1	14	20	33	3.92	.07	<10	.70	262	2	<0.01	10	1060	40	5	<20	15	.21	<10	102	<10	7	79
182	- L39100 B 40100 H	<.2	2.11	15	6	85	<5	.53	<1	21	14	206	5.32	.11	<10	1.08	388	3	<0.01	7	920	96	5	<20	8	.20	<10	120	<10	7	155
183	- L39100 B 40125 H	<.2	1.81	15	6	55	<5	.45	<1	15	12	25	3.85	.03	<10	.69	304	<1	<0.01	9	460	20	5	<20	10	.14	<10	99	<10	4	56
184	- L39100 B 40150 H	<.2	2.20	15	6	75	<5	.48	<1	19	16	48	5.17	.08	<10	.85	370	1	<0.01	7	1730	38	5	<20	10	.20	<10	111	<10	6	112
185	- L39100 B 40175 H	<.2	2.49	15	6	70	<5	.43	<1	19	20	41	5.00	.11	<10	1.13	474	2	<0.01	6	1280	30	5	<20	7	.22	<10	121	<10	7	147
186	- L39100 B 40200 H	<.2	1.46	5	8	55	<5	.40	<1	15	18	34	3.72	.06	<10	.67	635	3	<0.01	13	590	62	<5	<20	6	.17	<10	95	<10	6	84
187	- L39100 B 40225 H	<.2	1.80	10	8	85	<5	.53	<1	19	6	62	3.62	.05	<10	.69	474	2	<0.01	7	870	60	5	<20	8	.17	<10	92	<10	6	101
188	- L39100 B 40250 H	<.2	1.71	70	8	65	<5	.46	<1	31	11	109	8.17	.14	<10	1.12	374	4	<0.01	9	910	94	10	<20	8	.22	10	203	<10	4	147
189	- L39100 B 40275 H	<.2	3.01	20	10	140	<5	.45	<1	33	15	235	6.84	.20	<10	1.39	517	4	<0.01	21	1030	60	5	<20	11	.22	<10	152	<10	5	189
190	- L39100 B 40300 H	<.2	2.99	20	8	85	<5	1.65	<1	28	35	145	6.30	.25	<10	2.39	726	<1	<0.01	15	490	34	10	<20	1	.13	10	168	<10	4	121
191	- L39100 B 40325 H	.4	1.31	25	4	80	<5	.51	<1	19	66	53	4.95	.08	<10	.58	388	12	<0.01	29	490	26	10	<20	10	.09	<10	139	<10	<1	70
192	- L39100 B 40350 H	<.2	2.38	20	8	60	<5	.65	<1	19	45	81	4.25	.09	<10	1.25	339	2	<0.01	20	800	26	10	<20	17	.18	<10	114	<10	7	79
193	- L39100 B 40375 H	<.2	2.12	25	8	60	<5	.54	<1	18	36	59	4.39	.35	<10	1.48	373	<1	.02	14	970	46	10	<20	13	.25	<10	143	<10	9	76
194	- L39100 B 40400 H	<.2	2.28	35	8	60	<5	.56	<1	20	34	160	4.79	.12	<10	1.31	307	2	.01	15	1030	22	10	<20	15	.19	<10	127	<10	7	60
195	- L39100 B 40425 H	<.2	1.10	65	8	160	<5	.43	<1	33	19	120	6.28	.03	<10	.31	1408	7	<0.01	18	1450	74	5	<20	20	.11	<10	154	<10	2	137
196	- L39100 B 40450 H	<.2	2.85	30	10	45	<5	.69	<1	26	158	58	4.79	.91	<10	2.92	416	<1	.02	75	750	30	10	<20	22	.21	<10	126	<10	7	48
197	- L39200 B 39550 H	<.2	1.95	30	8	90	<5	.56	<1	18	47	66	4.12	.11	<10	1.18	390	3	<0.01	22	600	46	10	<20	24	.14	<10	110	<10	5	74
198	- L39200 B 39575 H	<.2	1.81	20	8	85	<5	.43	<1	16	45	50	3.71	.08	<10	.97	635	2	<0.01	19	950	22	10	<20	17	.12	<10	97	<10	5	91
199	- L39200 B 39600 H	<.2	1.29	20	6	65	<5	.29	<1	12	31	29	3.02	.05	<10	.51	304	3	<0.01	12	550	24	5	<20	13	.15	<10	100	<10	5	47
200	- L39200 B 39625 H	.6	2.50	15	6	280	<5	.81	<1	21	53	96	4.89	.10	<10	.93	1209	3	<0.01	29	470	30	10	<20	40	.11	<10	99	<10	13	84
201	- L39200 B 39650 H	.2	2.31	25	6	115	<5	.46	<1	17	49	58	4.44	.07	<10	.86	314	3	<0.01	22	500	28	10	<20	21	.12	<10	106	<10	5	104
202	- L39200 B 39675 H	.8	2.51	15	8	195	<5	.85	1	16	48	84	3.64	.09	<10	.92	498	2	<0.01	27	470	24	10	<20	93	.10	<10	85	<10	9	99

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BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SW	SR	TI(%)	U	V	W	Y	ZN
203	- L39200 B 39700 H	<.2	2.31	25	8	80	<5	.54	<1	17	49	62	3.86	.06	<10	1.18	348	4	<0.01	21	280	26	10	<20	23	.13	<10	103	<10	5	63
204	- L39200 B 39725 H	<.2	2.09	25	8	80	<5	.50	<1	16	51	68	3.95	.08	<10	1.09	330	5	<0.01	24	470	28	10	<20	20	.14	<10	108	<10	6	86
205	- L39200 B 39750 H	.2	2.08	25	6	105	<5	.30	<1	14	35	45	4.19	.05	<10	.60	216	4	<0.01	16	1070	26	<5	<20	11	.13	<10	93	<10	3	87
206	- L39200 B 39775 H	<.2	1.85	25	6	75	<5	.38	<1	15	36	45	4.33	.06	<10	.60	355	6	<0.01	14	1500	22	10	<20	13	.12	<10	95	<10	3	91
207	- L39200 B 39800 H	<.2	2.16	20	8	65	<5	.54	<1	16	46	58	3.83	.07	<10	1.09	379	2	<0.01	21	1130	22	10	<20	17	.12	<10	97	<10	5	79
208	- L39200 B 39825 H	.4	2.21	20	6	155	<5	.57	<1	20	40	162	4.43	.07	<10	.84	537	6	<0.01	22	710	32	10	<20	22	.08	<10	93	<10	9	95
209	- L39200 B 39850 H	.8	1.56	40	8	225	<5	.72	<1	21	31	146	5.54	.05	<10	.49	780	23	<0.01	23	690	34	10	<20	28	.07	<10	89	<10	<1	70
210	- L39200 B 39875 H	.4	1.44	15	6	120	<5	.66	<1	12	27	49	2.78	.05	<10	.52	392	4	<0.01	13	440	20	<5	<20	22	.11	<10	73	<10	4	81
211	- L39200 B 39900 H	.6	2.07	15	8	120	<5	1.02	<1	16	37	63	3.34	.07	<10	.81	286	5	<0.01	20	520	20	5	<20	35	.13	<10	81	<10	6	115
212	- L39200 B 39925 H	<.2	2.31	15	8	135	<5	.73	<1	23	47	124	3.85	.07	<10	1.13	702	7	<0.01	27	430	34	10	<20	22	.13	<10	102	<10	7	97
213	- L39200 B 39950 H	.4	1.78	25	6	75	<5	.41	<1	16	32	184	4.02	.06	<10	.67	286	5	<0.01	17	930	34	10	<20	15	.14	<10	93	<10	4	114
214	- L39200 B 39975 H	2.2	2.74	15	8	230	<5	1.05	3	19	43	231	3.40	.08	<10	.69	1873	8	<0.01	35	580	30	10	<20	63	.13	<10	68	<10	12	161
215	- L39200 B 40000 H	1.4	2.47	15	10	195	<5	.97	2	17	42	349	3.25	.07	<10	.64	1227	10	<0.01	33	570	24	10	<20	53	.13	<10	74	<10	17	97
216	- L39200 B 40025 H	.6	2.94	25	10	175	<5	.68	1	20	46	267	4.17	.08	<10	.75	395	4	<0.01	29	460	32	10	<20	38	.16	<10	107	<10	10	107
217	- L39200 B 40050 H	<.2	1.94	20	8	70	<5	.38	<1	14	29	25	3.54	.06	<10	.46	374	2	<0.01	12	1110	22	5	<20	19	.16	<10	96	<10	5	63
218	- L39200 B 40075 H	<.2	1.82	25	8	90	<5	.48	<1	19	47	75	3.93	.20	<10	.98	460	3	.01	21	880	40	10	<20	16	.24	<10	126	<10	8	107
219	- L39200 B 40100 H	<.2	2.47	20	8	125	<5	.61	<1	27	75	110	4.46	.50	<10	2.11	520	<1	.02	36	940	30	10	<20	19	.28	<10	149	<10	11	114
220	- L39200 B 40125 H	<.2	.69	15	6	60	<5	.28	<1	9	16	32	1.86	.11	<10	.46	224	<1	.02	7	260	18	<5	<20	5	.15	<10	74	<10	7	55
221	- L39200 B 40150 H	<.2	2.15	10	8	110	<5	1.98	<1	23	120	63	3.89	.38	<10	1.89	614	2	<0.01	24	490	34	10	<20	6	.23	<10	126	<10	10	104
222	- L39200 B 40175 H	<.2	2.05	15	8	85	<5	.43	<1	18	37	78	3.63	.12	<10	.99	316	<1	.01	16	2040	70	10	<20	13	.24	<10	90	<10	8	132
223	- L39200 B 40200 H	<.2	2.85	10	8	95	<5	.88	<1	24	51	173	4.25	.11	<10	1.65	439	<1	<0.01	22	1260	58	10	<20	19	.20	<10	103	<10	9	147
224	- L39200 B 40225 H	<.2	2.18	15	6	75	<5	.71	<1	19	29	78	3.60	.10	<10	1.04	335	1	<0.01	15	400	34	5	<20	15	.20	<10	112	<10	9	70
225	- L39200 B 40250 H	<.2	2.22	25	10	100	<5	.55	<1	24	36	133	4.77	.28	<10	1.39	471	2	.01	21	640	46	10	<20	19	.15	<10	134	<10	4	87
226	- L39200 B 40275 H	<.2	2.00	20	8	85	<5	1.19	<1	20	22	112	4.09	.17	<10	1.05	437	<1	<0.01	14	460	38	10	<20	9	.18	<10	135	<10	8	77
227	- L39200 B 40300 H	<.2	1.80	15	8	60	<5	1.15	<1	17	26	89	3.34	.09	<10	.99	296	<1	<0.01	12	540	24	5	<20	6	.20	<10	115	<10	10	75
228	- L39200 B 40325 H	<.2	2.42	20	8	115	<5	.63	<1	21	85	79	4.01	.11	<10	1.54	324	2	.01	42	790	28	10	<20	19	.18	<10	119	<10	6	92
229	- L39200 B 40350 H	<.2	1.93	20	8	65	<5	.43	<1	17	75	94	4.35	.07	<10	1.06	368	1	.01	26	1640	36	5	<20	14	.15	<10	134	<10	4	99
230	- L39200 B 40375 H	<.2	1.96	10	8	75	<5	.31	<1	16	41	31	3.25	.10	<10	.59	240	<1	.01	16	1910	38	5	<20	13	.23	<10	81	<10	8	188
231	- L39200 B 40400 H	<.2	.56	10	6	45	<5	.13	<1	6	15	11	1.44	.04	<10	.16	90	<1	.01	5	550	22	<5	<20	9	.13	<10	55	<10	5	27
232	- L39200 B 40425 H	1.0	3.70	<5	8	85	<5	.62	<1	23	67	94	4.05	.05	<10	.92	287	<1	<0.01	35	1480	48	10	<20	15	.20	<10	88	<10	7	103
233	- L39200 B 40450 H	<.2	2.37	25	6	50	<5	.44	<1	19	44	115	4.31	.12	<10	1.55	237	3	.02	19	878	30	10	<20	14	.20	<10	132	<10	7	90
234	- L39300 B 39550 H	.4	2.05	20	8	145	<5	.68	<1	18	47	85	3.78	.11	<10	.94	403	3	<0.01	23	380	34	10	<20	41	.10	<10	101	<10	8	80

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BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SU	SR	TI(%)	U	V	W	Y	ZN
235	- L39300 B 39575 H	<.2	2.00	20	10	100	<5	.49	<1	22	50	72	3.97	.11	<10	1.19	582	3	<0.01	24	470	28	10	<20	23	.14	<10	103	<10	9	76
236	- L39300 B 39600 H	.4	2.57	15	8	100	<5	.63	1	18	50	127	3.86	.13	10	.92	593	5	<0.01	29	450	36	10	<20	54	.11	<10	99	<10	11	81
237	- L39300 B 39625 H	<.2	1.91	15	8	120	<5	.72	<1	20	51	80	3.74	.15	<10	1.10	713	2	<0.01	25	620	28	10	<20	39	.13	<10	92	<10	11	83
238	- L39300 B 39650 H	<.2	1.86	20	8	135	<5	.70	<1	20	45	68	3.56	.11	<10	1.03	681	2	<0.01	23	340	26	10	<20	35	.12	<10	85	<10	8	71
239	- L39300 B 39675 H	.6	2.51	15	6	175	<5	.60	<1	19	49	83	3.79	.10	<10	.94	617	3	<0.01	27	380	28	5	<20	34	.11	<10	96	<10	7	92
240	- L39300 B 39700 H	<.2	1.79	20	8	55	<5	.37	<1	14	41	53	3.49	.07	<10	.95	315	2	<0.01	17	860	24	5	<20	16	.12	<10	99	<10	5	67
241	- L39300 B 39725 H	<.2	1.96	20	10	120	<5	1.14	1	27	54	122	4.13	.29	<10	1.40	1094	6	<0.01	29	720	28	10	<20	55	.11	<10	102	<10	9	95
242	- L39300 B 39750 H	1.0	2.52	10	6	185	<5	.77	2	18	36	71	3.43	.07	<10	.65	1463	5	.01	25	680	26	5	<20	27	.13	<10	71	<10	10	98
243	- L39300 B 39775 H	.6	1.72	20	6	150	<5	.48	<1	14	30	51	4.32	.05	<10	.75	271	6	<0.01	17	1000	34	10	<20	18	.14	<10	99	<10	4	94
244	- L39300 B 39800 H	.2	.65	45	6	410	<5	.15	<1	27	14	163	7.31	.02	<10	.17	540	27	<0.01	15	1360	56	10	<20	12	.05	<10	81	<10	<1	103
245	- L39300 B 39825 H	.2	2.29	20	8	135	<5	1.04	1	28	66	197	4.62	.32	<10	1.60	1064	5	<0.01	42	780	26	10	<20	36	.13	<10	104	<10	15	100
246	- L39300 B 39850 H	1.0	2.26	15	8	80	<5	.41	<1	20	43	60	3.62	.06	<10	.75	339	4	.01	24	510	26	5	<20	14	.15	<10	89	<10	7	91
247	- L39300 B 39875 H	.4	2.01	20	8	120	<5	.61	<1	19	43	88	3.75	.07	<10	.83	396	7	<0.01	27	410	24	5	<20	24	.14	<10	95	<10	7	92
248	- L39300 B 39900 H	<.2	1.90	20	10	145	<5	.70	<1	21	41	113	3.96	.09	<10	.77	808	10	<0.01	32	480	22	10	<20	38	.13	<10	78	<10	10	91
249	- L39300 B 39925 H	.4	2.19	20	8	75	<5	.33	<1	15	33	68	3.77	.05	<10	.52	215	5	<0.01	17	740	28	10	<20	17	.12	<10	79	<10	3	97
250	- L39300 B 39950 H	<.2	2.21	15	8	95	<5	.61	<1	17	64	79	4.11	.10	<10	1.20	389	3	<0.01	34	620	22	10	<20	22	.15	<10	100	<10	6	84
251	- L39300 B 39975 H	.4	1.85	10	8	60	<5	.29	<1	11	35	28	2.78	.04	<10	.52	206	1	<0.01	14	460	18	5	<20	13	.13	<10	74	<10	5	66
252	- L39300 B 40000 H	<.2	1.70	20	8	55	<5	.28	<1	11	33	20	3.26	.04	<10	.44	196	2	<0.01	12	460	20	5	<20	15	.15	<10	91	<10	5	47
253	- L39300 B 40025 H	<.2	2.20	30	8	85	<5	.61	<1	19	57	59	4.49	.08	<10	1.37	412	2	<0.01	27	840	28	10	<20	18	.20	<10	115	<10	7	97
254	- L39300 B 40050 H	<.2	2.37	20	6	70	<5	.43	<1	21	45	50	3.91	.07	<10	.99	336	2	<0.01	25	650	22	10	<20	15	.16	<10	99	<10	6	83
255	- L39300 B 40075 H	<.2	2.01	15	8	60	<5	.62	<1	18	41	77	3.64	.10	<10	1.27	342	1	<0.01	20	710	26	10	<20	17	.19	<10	115	<10	9	82
256	- L39300 B 40100 H	<.2	1.44	15	6	60	<5	.36	<1	11	28	46	3.11	.06	<10	.54	218	2	<0.01	13	490	28	5	<20	14	.17	<10	99	<10	7	63
257	- L39300 B 40125 H	<.2	1.86	15	8	70	<5	.57	<1	16	39	35	3.52	.08	<10	.83	263	2	<0.01	16	460	32	10	<20	19	.21	<10	117	<10	8	99
258	- L39300 B 40150 H	<.2	1.99	25	8	65	<5	.40	<1	18	48	43	4.06	.08	<10	.99	364	1	.01	20	750	26	10	<20	14	.13	<10	114	<10	4	87
259	- L39300 B 40175 H	<.2	1.63	20	8	65	<5	.59	<1	15	33	40	3.62	.09	<10	.98	273	2	<0.01	14	620	28	10	<20	16	.19	<10	117	<10	7	76
260	- L39300 B 40200 H	<.2	1.60	10	8	95	<5	.63	<1	21	33	47	3.55	.13	<10	1.21	759	2	.01	14	300	48	10	<20	15	.21	<10	144	<10	9	89
261	- L39300 B 40225 H	<.2	2.08	15	10	135	<5	.64	<1	23	46	114	4.15	.28	<10	1.55	559	2	.02	21	760	68	10	<20	21	.23	<10	129	<10	12	129
262	- L39300 B 40250 H	<.2	2.24	15	8	95	<5	.42	<1	29	74	149	4.15	.13	<10	1.41	1132	1	.02	43	470	64	10	<20	14	.20	<10	120	<10	8	160
263	- L39300 B 40275 H	<.2	2.15	15	10	130	<5	.41	<1	25	41	138	4.89	.11	<10	1.12	360	2	.01	29	330	52	10	<20	20	.20	<10	123	<10	7	113

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RTI	DESCRIPTION	AG AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FB(%)	K(%)	LA	MG(%)	NH	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN	
264	- L39300 B 40300 H	<.2	1.60	40	6	150	<5	.44	<1	20	41	84	4.80	.25	<10	1.15	367	2	.01	15	1170	44	10	<20	22	.18	<10	130	<10	4	115
265	- L39300 B 40325 H	<.2	2.36	30	10	70	<5	.48	<1	22	45	156	5.13	.19	<10	1.68	419	2	<0.01	19	760	40	10	<20	19	.15	<10	152	<10	4	76
266	- L39300 B 40350 H	<.2	2.26	10	6	35	<5	.82	<1	21	60	76	3.99	.09	<10	1.50	367	<1	<0.01	31	700	30	10	<20	11	.23	<10	136	<10	9	86
267	- L39300 B 40375 H	<.2	1.50	<5	6	70	<5	.21	<1	14	17	32	2.49	.05	<10	.28	534	1	.02	11	1120	48	<5	<20	13	.15	<10	72	<10	6	92
268	- L39300 B 40400 H	.4	2.04	25	8	70	<5	.27	<1	17	36	173	4.05	.10	<10	1.31	257	3	.01	18	710	42	10	<20	19	.14	<10	113	<10	4	89
269	- L39300 B 40425 H	.6	3.55	<5	6	90	<5	.33	<1	17	23	102	3.49	.07	<10	.54	620	3	.01	14	1840	38	5	<20	10	.20	<10	76	<10	8	114
270	- L39300 B 40450 H	<.2	2.02	25	8	95	<5	.27	<1	30	37	181	5.48	.25	<10	1.55	360	2	.02	19	720	28	10	<20	13	.20	<10	172	<10	7	100
271	- L39400 B 39550 H	<.2	1.83	10	8	105	<5	.35	<1	16	44	47	3.91	.07	<10	.86	404	3	<0.01	18	380	24	10	<20	19	.13	<10	106	<10	5	61
272	- L39400 B 39575 H	<.2	1.85	5	8	80	<5	.54	<1	17	46	59	3.54	.11	<10	1.13	461	3	<0.01	21	430	18	5	<20	21	.13	<10	97	<10	7	64
273	- L39400 B 39600 H	<.2	1.72	10	8	80	<5	.49	<1	18	45	78	3.51	.09	<10	1.00	577	3	<0.01	23	410	22	10	<20	24	.11	<10	86	<10	7	67
274	- L39400 B 39625 H	<.2	1.92	10	8	75	<5	.38	<1	15	49	44	4.07	.09	<10	1.08	347	2	<0.01	24	820	22	10	<20	16	.13	<10	101	<10	5	68
275	- L39400 B 39650 H	<.2	1.98	5	8	130	<5	.96	<1	23	51	85	3.78	.14	<10	1.16	754	2	<0.01	28	670	26	10	<20	38	.09	<10	92	<10	10	75
276	- L39400 B 39675 H	<.2	2.16	10	6	155	<5	.87	<1	21	55	104	4.83	.15	<10	1.22	743	3	<0.01	29	690	34	10	<20	44	.09	<10	96	<10	10	83
277	- L39400 B 39700 H	<.2	2.05	<5	8	90	<5	.53	<1	20	47	72	3.90	.12	<10	1.15	615	2	<0.01	23	440	26	10	<20	25	.13	<10	100	<10	7	81
278	- L39400 B 39725 H	<.2	2.19	10	6	120	<5	.59	<1	20	49	113	3.85	.11	<10	1.03	549	2	<0.01	30	500	28	10	<20	27	.11	<10	91	<10	9	86
279	- L39400 B 39750 H	<.2	2.11	5	8	70	<5	.42	<1	20	47	67	3.78	.08	<10	1.08	392	3	<0.01	22	550	30	10	<20	14	.13	<10	97	<10	7	76
280	- L39400 B 39775 H	1.6	2.49	<5	6	190	<5	1.11	3	22	45	211	3.67	.13	10	.94	1190	4	.01	52	840	32	10	<20	44	.11	<10	59	<10	14	136
281	- L39400 B 39800 H	<.2	2.29	5	6	55	<5	.24	<1	11	34	37	3.69	.03	<10	.68	212	8	<0.01	13	730	58	5	<20	10	.18	<10	72	<10	3	103
282	- L39400 B 39825 H	.4	1.75	10	4	95	<5	.24	<1	11	30	78	3.28	.07	<10	.43	168	8	<0.01	17	380	46	5	<20	12	.12	<10	85	<10	6	67
283	- L39400 B 39850 H	.4	1.11	10	6	35	<5	.19	<1	7	17	38	2.52	.03	<10	.25	123	5	<0.01	7	490	36	<5	<20	9	.11	<10	65	<10	3	58
284	- L39400 B 39875 H	<.2	.74	5	4	25	<5	.16	<1	5	12	26	1.72	.03	<10	.21	90	7	<0.01	5	540	80	<5	<20	8	.09	<10	58	<10	3	48
285	- L39400 B 39900 H	.6	3.59	30	6	155	<5	.34	1	31	59	103	6.16	.04	<10	.42	654	21	.01	97	1120	90	10	<20	22	.13	<10	93	<10	4	177
286	- L39400 B 39925 H	<.2	1.83	15	6	115	<5	.37	<1	17	38	68	4.32	.05	<10	.54	286	5	<0.01	19	810	26	5	<20	16	.11	<10	81	<10	2	111
287	- L39400 B 39950 H	1.8	.98	40	4	140	<5	.31	<1	18	18	113	5.76	.03	<10	.22	571	6	<0.01	15	1130	46	<5	<20	11	.06	<10	76	<10	<1	122
288	- L39400 B 39975 H	<.2	1.43	5	6	55	<5	.32	<1	9	29	25	2.59	.05	<10	.44	218	2	<0.01	11	650	18	5	<20	11	.11	<10	75	<10	4	51
289	- L39400 B 40000 H	<.2	1.35	25	6	90	<5	.33	<1	15	29	52	4.61	.04	<10	.49	353	6	<0.01	14	850	20	5	<20	13	.10	<10	88	<10	<1	81
290	- L39400 B 40025 H	<.2	2.40	10	8	105	<5	.86	<1	27	60	133	4.48	.21	10	1.33	802	5	<0.01	40	900	48	10	<20	45	.11	<10	99	<10	14	82
291	- L39400 B 40050 H	<.2	2.13	10	10	70	<5	.67	<1	21	45	59	3.77	.16	<10	1.17	588	2	<0.01	24	820	26	5	<20	23	.14	<10	91	<10	6	71

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BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MM	MO	NA(%)	NI	P	PB	SB	SH	SR	TI(%)	U	V	W	Y	ZN
402	- L39700 B 40125 H	.6	2.90	20	10	150	<5	1.27	<1	23	57	117	4.90	.12	<10	.90	642	9	<0.01	39	710	22	10	<20	65	.14	<10	94	<10	11	100
403	- L39700 B 40150 H	.2	2.54	10	8	115	<5	1.01	<1	21	53	52	4.07	.09	<10	1.07	531	4	<0.01	26	530	16	10	<20	47	.16	<10	107	<10	9	93
404	- L39700 B 40175 H	.6	2.10	15	10	110	<5	1.41	<1	23	53	191	3.89	.16	<10	1.12	947	7	<0.01	40	910	24	10	<20	57	.13	<10	93	<10	14	91
405	- L39800 B 39550 H	<.2	1.10	5	4	150	<5	.32	<1	9	24	20	2.80	.05	<10	.32	210	2	<0.01	9	470	12	5	<20	21	.09	<10	94	<10	2	40
406	- L39800 B 39575 H	<.2	1.79	10	4	265	<5	.24	<1	12	34	20	3.57	.05	<10	.54	286	1	<0.01	12	1430	12	5	<20	23	.11	<10	80	<10	3	83
407	- L39800 B 39600 H	<.2	1.82	10	2	170	<5	.23	<1	11	36	21	3.61	.05	<10	.44	271	1	<0.01	12	630	12	5	<20	15	.05	<10	80	<10	<1	56
408	- L39800 B 39625 H	<.2	1.63	15	4	185	<5	.27	<1	11	41	26	3.86	.06	<10	.42	264	1	.01	12	840	12	5	<20	16	.10	<10	104	<10	2	56
409	- L39800 B 39650 H	<.2	2.21	20	4	185	<5	.34	<1	16	45	33	5.05	.07	<10	.79	308	1	<0.01	10	870	14	10	<20	27	.13	<10	101	<10	2	88
410	- L39800 B 39675 H	<.2	2.30	20	4	150	<5	.24	<1	20	33	40	5.22	.07	<10	.53	348	2	.01	14	630	16	10	<20	15	.10	<10	97	<10	<1	87
411	- L39800 B 39700 H	.4	3.97	15	6	200	<5	.56	<1	35	56	32	6.31	.04	<10	.43	1015	<1	.02	29	2030	18	5	<20	31	.20	<10	81	<10	7	115
412	- L39800 B 39725 H	<.2	2.09	20	2	230	<5	.28	<1	20	51	44	4.85	.06	<10	.59	603	<1	.01	25	890	18	5	<20	23	.09	<10	96	<10	1	101
413	- L39800 B 39750 H	<.2	2.48	35	4	255	<5	.36	<1	25	37	67	7.07	.05	<10	.55	608	1	<0.01	20	1470	46	10	<20	24	.11	<10	111	<10	<1	123
414	- L39800 B 39775 H	<.2	2.65	20	4	155	<5	.30	<1	20	40	40	5.50	.05	<10	.57	301	1	<0.01	18	990	34	10	<20	18	.14	<10	105	<10	2	100
415	- L39800 B 39800 H	<.2	2.29	20	10	130	<5	.60	<1	22	48	83	4.24	.09	<10	1.13	510	3	<0.01	26	620	22	10	<20	23	.15	<10	110	<10	7	79
416	- L39800 B 39825 H	<.2	2.53	15	4	155	<5	.70	<1	19	47	59	3.95	.08	<10	.97	400	4	<0.01	25	570	22	10	<20	23	.14	<10	104	<10	7	100
417	- L39800 B 39850 H	<.2	2.67	15	6	140	<5	.57	<1	19	46	50	4.55	.09	<10	1.04	309	3	<0.01	22	690	22	10	<20	22	.18	<10	109	<10	8	103
418	- L39800 B 39875 H	<.2	2.84	25	4	55	<5	.38	<1	14	41	35	4.31	.05	<10	.81	257	3	<0.01	16	710	18	10	<20	16	.16	<10	113	<10	5	80
419	- L39800 B 39900 H	1.0	3.60	10	4	220	<5	.52	<1	24	61	140	4.69	.12	10	1.05	2071	5	.01	33	940	30	10	<20	29	.11	<10	100	<10	9	125
420	- L39800 B 39925 H	<.2	2.42	20	6	75	<5	.54	<1	16	51	48	4.19	.05	<10	1.14	359	2	<0.01	22	850	16	10	<20	21	.16	<10	112	<10	6	70
421	- L39800 B 39950 H	<.2	2.31	10	8	110	<5	.82	<1	24	57	77	4.04	.10	10	1.25	747	7	<0.01	29	640	18	10	<20	35	.16	<10	103	<10	12	82
422	- L39800 B 39975 H	<.2	2.98	10	8	170	<5	.86	<1	28	64	105	4.63	.13	10	1.26	1679	12	<0.01	35	720	20	10	<20	34	.15	<10	111	<10	15	94
423	- L39800 B 40000 H	<.2	2.42	15	8	90	<5	.66	<1	22	54	75	3.96	.10	10	1.25	673	3	<0.01	28	620	16	10	<20	25	.17	<10	105	<10	10	77

NOTE: < = LESS THAN


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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	
137	L38200E 38675 N	5	.2 2.02	15	10	140	<5 1.14	<1	19	46	100	3.47	.16	10 1.01	432	4 <0.01	26	520	42	5	<20	44	.12	<10	95	<10	12	76
138	L38200E 38700 N	<5	.4 2.81	15	10	110	<5 1.09	<1	25	50	57	3.73	.10	<10 1.17	437	3 <0.01	30	410	62	5	<20	30	.20	<10	96	<10	11	108
139	L38200E 38725 N	10	1.2 2.98	15	8	145	<5 1.14	<1	17	36	75	3.28	.10	10 .65	340	4 <0.01	29	490	52	5	<20	39	.16	<10	76	<10	12	98
140	L38200E 38750 N	5	.4 2.32	15	8	90	<5 .48	<1	14	37	35	3.65	.08	<10 .52	154	6 <0.01	13	360	64	<5	<20	23	.18	<10	102	<10	5	73
141	L38200E 38775 N	<5	<.2 1.76	15	8	70	<5 .50	<1	15	40	21	3.65	.08	<10 .74	240	3 <0.01	16	710	38	5	<20	17	.19	<10	116	<10	6	86
142	L38200E 38800 N	<5	<.2 1.79	20	8	60	<5 .74	<1	16	34	28	3.93	.06	<10 .70	183	7 <0.01	13	260	34	5	<20	22	.23	<10	137	<10	9	62
143	L38200E 38825 N	10	.8 2.26	20	8	105	<5 1.85	2	17	40	63	3.03	.10	<10 .79	2224	9 <0.01	26	850	40	5	<20	47	.10	<10	75	<10	6	108
144	L38200E 38850 N	<5	<.2 2.28	20	10	130	<5 1.27	<1	21	48	52	3.67	.17	10 .82	385	5 <0.01	21	280	64	5	<20	50	.11	<10	94	<10	5	71
145	L38200E 38875 N	15	<.2 1.66	15	10	105	<5 .49	<1	16	36	23	3.03	.08	<10 .73	274	2 <0.01	17	470	38	5	<20	28	.16	<10	87	<10	5	96
146	L38200E 38900 N	<5	<.2 3.29	10	10	100	<5 .47	<1	15	25	10	2.84	.08	<10 .32	179	1 <0.01	19	2630	56	<5	<20	34	.15	<10	60	<10	4	114
147	L38200E 38925 N	<5	<.2 1.68	15	8	100	<5 .41	<1	13	31	18	2.76	.09	<10 .64	213	1 <0.01	16	730	36	5	<20	26	.15	<10	85	<10	5	77
148	L38200E 38950 N	<5	<.2 2.42	15	8	100	<5 .52	<1	21	29	32	3.20	.19	<10 .88	371	1 .01	21	1100	34	<5	<20	31	.19	<10	88	<10	6	95
149	L38200E 38975 N	35	<.2 2.45	10	6	145	<5 .47	<1	23	26	33	4.04	.10	<10 .58	548	1 .02	19	1230	36	<5	<20	58	.23	<10	102	<10	6	112
150	L38200E 39000 N	15	<.2 2.37	20	12	110	<5 .47	<1	25	29	51	4.65	.09	<10 .91	349	1 .02	17	470	34	10	<20	43	.22	<10	165	<10	6	61
151	L38200E 39025 N	5	<.2 3.66	15	8	100	<5 .43	<1	20	35	50	4.45	.08	<10 .79	413	1 .02	21	2070	50	5	<20	30	.19	<10	107	<10	4	107
152	L38200E 39050 N	<5	<.2 2.08	10	8	50	<5 .78	<1	25	65	35	3.47	.11	<10 1.31	446	<1 .04	28	640	30	10	<20	33	.29	<10	117	<10	11	68
153	L38200E 39075 N	<5	<.2 1.92	15	8	70	<5 .76	<1	18	42	35	3.22	.10	<10 .97	261	1 <0.01	19	320	34	<5	<20	32	.20	<10	113	<10	8	52
154	L38200E 39100 N	30	<.2 2.27	15	8	135	<5 .46	<1	21	24	55	4.29	.08	<10 .73	441	1 <0.01	15	780	34	5	<20	40	.15	<10	121	<10	4	100
155	L38200E 39125 N	<5	<.2 2.27	15	8	190	<5 .58	<1	18	16	34	3.53	.08	<10 .42	878	<1 .01	10	1290	32	5	<20	67	.17	<10	95	<10	5	109
156	L38200E 39150 N	<5	<.2 1.07	10	6	55	<5 .31	<1	8	11	9	2.23	.06	<10 .25	262	<1 .01	4	550	20	<5	<20	18	.13	<10	80	<10	4	44
157	L38200E 39175 N	5	<.2 1.66	10	8	240	<5 .25	<1	11	25	23	1.97	.06	<10 .43	255	2 .01	9	230	40	<5	<20	27	.13	<10	68	<10	4	38
158	L38200E 39200 N	<5	<.2 1.67	10	6	90	<5 .21	<1	8	20	10	2.57	.04	<10 .26	252	1 <0.01	6	800	32	<5	<20	15	.11	<10	69	<10	2	55
159	L38400E 38500 N	45	.4 2.23	15	10	100	<5 .38	<1	19	32	20	3.02	.12	<10 .61	236	1 <0.01	25	1120	44	<5	<20	19	.14	<10	73	<10	4	110
160	L38400E 38525 N	<5	<.2 1.71	15	8	80	<5 .52	<1	19	36	24	3.02	.12	<10 .83	355	1 <0.01	21	750	42	<5	<20	26	.16	<10	87	<10	6	111
161	L38400E 38550 N	5	<.2 1.34	15	6	55	<5 .46	<1	12	29	16	2.65	.10	<10 .56	188	1 <0.01	16	710	30	<5	<20	23	.13	<10	84	<10	4	72
162	L38400E 38575 N	<5	<.2 2.06	20	10	85	<5 .58	<1	18	41	30	3.28	.12	10 .93	283	1 <0.01	25	900	42	5	<20	29	.13	<10	87	<10	4	99
163	L38400E 38600 N	<5	<.2 2.33	25	8	110	<5 .38	<1	17	28	45	3.32	.07	<10 .58	256	2 <0.01	30	950	34	<5	<20	25	.08	<10	68	<10	2	93
164	L38400E 38625 N	5	<.2 1.87	20	8	75	<5 .43	<1	16	30	44	3.32	.08	10 .72	302	2 <0.01	23	730	30	5	<20	27	.09	<10	73	<10	2	71
165	L38400E 38650 N	20	<.2 2.21	15	8	115	<5 .51	<1	18	23	44	3.07	.10	<10 .44	237	2 <0.01	19	410	32	<5	<20	41	.07	<10	65	<10	2	85
166	L38400E 38675 N	<5	<.2 1.88	25	6	95	<5 .46	<1	17	42	72	3.80	.11	10 .76	295	3 <0.01	30	600	34	5	<20	31	.07	<10	83	<10	2	88
167	L38400E 38700 N	5	<.2 2.22	10	6	155	<5 .68	<1	18	35	38	3.25	.10	<10 .58	461	2 <0.01	22	490	38	5	<20	41	.08	<10	78	<10	3	86
168	L38400E 38725 N	<5	<.2 2.95	20	8	120	<5 .34	<1	23	38	52	3.38	.08	<10 .78	291	<1 .01	27	730	48	5	<20	23	.15	<10	84	<10	6	120
169	L38400E 38750 N	5	<.2 1.45	10	8	80	<5 .37	<1	11	26	19	2.41	.07	<10 .49	222	<1 <0.01	12	540	30	<5	<20	21	.11	<10	75	<10	4	65
170	L38400E 38775 N	<5	<.2 1.99	15	8	150	<5 .62	<1	19	38	58	3.10	.10	10 .82	547	2 <0.01	22	410	42	5	<20	38	.11	<10	90	<10	7	66

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BT#	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	SH	SR	TI(%)	U	V	W	Y	ZN
171	- L38400E 38800 N	<5	<.2 1.98	15	8	135	<5	.53	<1	18	34	35	2.97	.08	<10	.71	225	2	<0.01	17	410	40	5	<20	35	.12	<10	86	<10	4	80
172	- L38400E 38825 N	<5	<.2 1.78	20	8	85	<5	.58	<1	23	48	80	3.57	.16	10	1.23	454	2	<0.01	22	530	44	10	<20	32	.14	<10	103	<10	9	63
173	- L38400E 38850 N	<5	<.2 1.77	15	8	95	<5	.71	<1	17	35	35	2.83	.07	<10	.78	285	<1	<0.01	16	230	32	<5	<20	37	.13	<10	89	<10	5	50
174	- L38400E 38875 N	<5	<.2 1.75	15	10	85	5	.57	<1	23	47	78	3.53	.16	10	1.21	452	2	<0.01	23	520	46	10	<20	51	.14	<10	101	<10	9	56
175	- L38400E 38900 N	<5	.8 2.46	10	10	135	<5	1.41	<1	16	35	142	3.48	.08	20	.57	306	2	<0.01	23	580	44	10	<20	67	.10	<10	81	<10	18	65
176	- L38400E 38925 N	10	<.2 2.43	15	8	70	5	.40	<1	17	36	54	4.23	.07	10	.64	321	2	<0.01	18	1070	44	10	<20	45	.14	<10	109	<10	3	98
177	- L38400E 38950 N	<5	<.2 3.63	15	8	115	<5	.41	<1	22	53	171	4.85	.14	10	.87	340	2	<0.01	34	880	62	10	<20	43	.15	<10	120	<10	3	117
178	- L38400E 38975 N	35	<.2 2.39	15	8	115	5	.48	<1	19	38	71	3.98	.10	10	.82	277	2	<0.01	21	720	44	10	<20	54	.17	<10	113	<10	5	81
179	- L38400E 39000 N	<5	<.2 1.60	15	8	75	10	.54	<1	13	36	53	3.14	.10	10	.83	216	3	<0.01	18	370	36	10	<20	43	.16	<10	102	<10	6	64
180	- L38400E 39025 N	20	<.2 2.21	20	10	85	<5	.74	<1	20	50	132	4.18	.19	<10	1.40	354	3	.01	28	1010	50	10	<20	41	.15	<10	113	<10	5	75
181	- L38400E 39050 N	30	<.2 2.29	15	8	90	5	.55	<1	18	51	75	3.83	.17	10	1.23	287	2	<0.01	27	940	42	10	<20	43	.14	<10	98	<10	5	69
182	- L38400E 39075 N	<5	<.2 1.73	10	10	90	5	.58	<1	11	28	22	3.00	.12	10	.58	203	2	<0.01	14	1280	34	10	<20	50	.14	<10	84	<10	4	59
183	- L38400E 39100 N	140	.4 2.52	10	6	350	5	.19	<1	13	21	19	2.51	.06	<10	.37	585	2	<0.01	20	650	40	5	<20	77	.07	<10	51	<10	<1	65
184	- L38400E 39125 N	<5	.4 2.28	15	10	135	10	.24	<1	12	23	11	2.95	.04	<10	.34	251	2	<0.01	14	840	40	10	<20	42	.15	<10	81	<10	3	65
185	- L38400E 39150 N	<5	.4 1.87	10	8	105	10	.20	<1	11	19	12	2.19	.03	<10	.26	528	<1	.01	9	640	32	5	<20	39	.11	<10	65	<10	3	59
186	- L38400E 39175 N	<5	<.2 2.16	10	10	125	10	.40	<1	10	37	29	2.41	.08	10	.91	239	2	<0.01	14	350	38	10	<20	44	.13	<10	83	<10	5	55
187	- L38400E 39200 N	70	<.2 2.03	10	6	70	<5	.11	<1	6	14	14	2.32	.05	<10	.23	141	2	<0.01	8	730	48	5	<20	32	.02	<10	44	<10	<1	56
188	- L38400E 39500 N	<5	<.2 2.25	15	12	235	5	.86	<1	23	56	101	4.33	.16	10	1.45	553	6	<0.01	29	380	50	10	<20	55	.15	<10	118	<10	9	74
189	- L38400E 39525 N	<5	.8 2.89	20	8	370	<5	.65	<1	26	59	117	4.58	.15	10	.93	270	6	.02	43	470	60	10	<20	64	.16	<10	107	<10	7	89
190	- L38400E 39550 N	10	.8 1.92	35	10	275	<5	1.21	1	27	51	218	5.55	.16	20	1.00	1057	6	<0.01	38	740	60	10	<20	114	.09	<10	94	<10	15	80
191	- L38400E 39575 N	5	.6 2.08	40	10	125	5	.78	<1	21	74	74	3.76	.42	10	1.07	611	<1	.01	26	700	38	15	<20	59	.14	<10	81	<10	8	71
192	- L38400E 39600 N	15	<.2 2.06	20	8	65	5	.33	<1	20	69	61	4.85	.07	<10	1.12	206	5	.01	34	850	36	15	<20	34	.20	<10	128	<10	4	66
193	- L38400E 39625 N	<5	<.2 1.91	20	8	100	10	.50	<1	20	47	65	5.05	.10	<10	1.02	330	8	.01	19	600	54	10	<20	36	.19	<10	150	<10	4	146
194	- L38400E 39650 N	15	.8 1.89	15	26	130	5	1.31	1	19	78	132	4.28	.11	10	1.14	287	10	<0.01	38	550	72	10	<20	58	.12	<10	111	<10	5	104
195	- L38400E 39675 N	10	.4 1.08	15	8	95	15	.34	<1	12	60	28	2.42	.09	<10	.67	162	7	.01	19	630	32	10	<20	37	.18	<10	84	<10	6	57
196	- L38400E 39700 N	5	<.2 3.33	10	10	50	10	.61	<1	24	264	84	4.82	.42	<10	3.30	355	4	.01	163	660	48	15	<20	33	.26	<10	127	<10	9	64
197	- L38400E 39725 N	25	.2 2.49	15	12	70	10	.43	<1	21	61	89	3.49	.10	<10	1.17	357	12	.01	36	790	50	10	<20	35	.17	<10	90	<10	6	87
198	- L38400E 39750 N	5	<.2 1.52	15	10	90	15	.37	<1	12	85	60	2.74	.23	<10	1.02	205	6	.02	34	580	56	10	<20	36	.19	<10	91	<10	7	63
199	- L38400E 39825 N	<5	.4 2.28	30	10	100	5	.54	<1	26	100	93	7.64	.13	<10	1.52	409	22	<0.01	28	970	72	15	<20	51	.23	<10	172	<10	3	80
200	- L38400E 39850 N	<5	<.2 1.67	20	10	45	15	.47	<1	16	32	17	3.95	.13	<10	1.65	170	3	.03	11	720	24	10	<20	31	.34	<10	166	<10	17	35
201	- L38400E 39875 N	<5	<.2 2.03	20	12	105	5	.34	<1	21	90	191	4.73	.29	10	1.46	340	21	.01	47	880	76	15	<20	36	.15	<10	137	<10	4	59
202	- L38400E 39900 N	<5	<.2 3.27	20	10	100	<5	.48	<1	33	234	81	6.27	.76	10	3.03	467	6	.01	95	800	54	10	<20	37	.20	<10	186	<10	3	69

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BT#	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				
203 - L38400E 39925 N	<5	1.8	2.47	15	36	200	<5	1.44	1	17	40	214	3.96	.13	20	.71	529	3	<0.01	27	970	42	10	<20	104	.05	<10	91	<10	15	84
204 - L38400E 39950 N	<5	<.2	.90	20	12	55	5	.12	<1	9	22	83	3.50	.08	10	.56	275	4	.01	10	440	20	10	<20	31	.11	<10	131	<10	2	25
205 - L38400E 39975 N	5	.4	1.85	20	10	60	10	.17	<1	13	43	42	4.33	.04	<10	.43	329	6	.01	20	1150	48	10	<20	31	.15	<10	112	<10	1	42
206 - L38400E 40000 N	<5	<.2	2.08	20	10	60	5	.33	<1	21	69	61	4.91	.07	<10	1.14	208	5	.01	34	860	36	10	<20	34	.20	<10	130	<10	4	67
207 - L38500E 39500 N	15	<.2	2.17	15	8	100	<5	.18	<1	15	36	26	3.76	.06	<10	.48	186	3	.01	19	880	38	10	<20	31	.14	<10	81	<10	2	58
208 - L38500E 39525 N	10	<.2	2.50	20	10	150	<5	.39	<1	19	50	55	4.55	.10	10	.76	307	3	<0.01	30	1400	46	10	<20	37	.08	<10	91	<10	<1	86
209 - L38500E 39550 N	<5	<.2	2.27	15	8	120	<5	.45	<1	16	59	37	4.40	.06	10	.77	149	5	<0.01	27	460	46	10	<20	42	.11	<10	123	<10	1	62
210 - L38500E 39575 N	<5	<.2	2.27	20	8	125	<5	.45	<1	16	59	37	4.41	.07	10	.78	148	4	<0.01	27	460	44	10	<20	42	.11	<10	123	<10	1	63
211 - L38500E 39600 N	<5	<.2	3.06	15	10	195	5	.56	<1	26	46	51	4.19	.08	10	.93	233	2	<0.01	31	560	46	10	<20	60	.15	<10	99	<10	7	120
212 - L38500E 39625 N	<5	<.2	3.81	20	14	635	<5	.81	1	29	71	155	4.62	.24	20	1.24	547	3	<0.01	50	580	60	10	<20	67	.12	<10	109	<10	16	93
213 - L38500E 39650 N	<5	<.2	2.29	20	10	125	<5	.52	<1	18	49	43	3.96	.10	10	1.09	292	2	<0.01	25	810	36	10	<20	49	.14	<10	105	<10	4	79
214 - L38500E 39675 N	<5	<.2	2.16	15	12	125	5	.47	<1	15	38	33	3.58	.08	10	.84	230	2	<0.01	19	510	34	10	<20	60	.14	<10	100	<10	4	66
215 - L38500E 39700 N	5	<.2	2.15	25	8	45	5	.37	<1	20	34	93	5.23	.10	<10	1.46	250	3	<0.01	17	1070	40	10	<20	40	.18	<10	156	<10	5	56
216 - L38500E 39725 N	<5	<.2	2.79	15	10	55	5	.51	<1	23	73	87	4.66	.23	10	1.84	335	6	.01	37	1200	44	15	<20	33	.20	<10	141	<10	6	96
217 - L38500E 39750 N	20	.2	2.68	10	14	95	5	1.19	1	27	160	141	4.59	.47	10	2.32	386	11	.01	86	410	56	15	<20	54	.22	<10	115	<10	13	73
218 - L38500E 39775 N	<5	.2	2.53	20	12	70	5	.58	<1	27	147	112	5.12	.16	<10	2.03	284	13	.02	82	410	72	15	<20	38	.22	<10	134	<10	5	95
219 - L38500E 39800 N	<5	<.2	4.58	<5	10	80	<5	.28	1	25	63	69	5.28	.10	<10	.75	268	6	.02	40	2040	92	5	<20	13	.22	<10	114	<10	6	133
220 - L38500E 39825 N	<5	<.2	2.12	15	8	30	<5	.50	<1	29	53	111	5.74	.14	<10	1.69	232	4	.03	20	1200	26	10	<20	10	.29	<10	144	<10	10	37
221 - L38500E 39850 N	<5	<.2	2.43	15	10	55	<5	.81	<1	27	73	122	5.91	.33	<10	1.83	336	5	<0.01	26	820	36	10	<20	22	.18	<10	166	<10	5	42
222 - L38500E 39875 N	<5	<.2	2.39	15	10	80	<5	.53	<1	19	54	69	4.62	.16	<10	1.25	291	8	.01	23	410	48	10	<20	18	.18	<10	131	<10	8	58
223 - L38500E 39900 N	<5	<.2	3.43	20	8	90	<5	.33	<1	29	141	61	6.97	.12	<10	2.01	376	3	<0.01	62	640	32	10	<20	16	.09	<10	153	<10	<1	60
224 - L38500E 39925 N	<5	.6	2.33	15	8	45	<5	.17	<1	14	37	100	5.42	.07	<10	.84	145	6	.01	14	1430	36	5	<20	9	.14	<10	130	<10	2	42
225 - L38500E 39950 N	<5	<.2	2.42	15	10	60	<5	.21	<1	17	64	61	5.37	.11	<10	1.04	181	5	.01	24	680	34	5	<20	13	.17	<10	154	<10	2	45
226 - L38500E 39975 N	<5	<.2	2.20	20	10	65	<5	.26	<1	17	43	47	4.95	.09	<10	.61	180	6	.01	25	1210	32	<5	<20	12	.20	<10	121	<10	4	61
227 - L38500E 40000 N	20	<.2	2.42	20	8	90	<5	.38	<1	22	51	71	6.12	.14	<10	.98	246	5	<0.01	18	1510	48	5	<20	16	.18	<10	142	<10	3	108
228 - L38600E 38600 N	<5	<.2	3.72	20	10	85	<5	.54	<1	24	135	87	7.86	.08	<10	1.03	255	12	<0.01	46	1640	48	10	<20	16	.24	<10	156	<10	3	99
229 - L38600E 38625 N	<5	.4	1.53	15	4	90	<5	.16	<1	11	15	22	2.66	.02	<10	.36	273	2	<0.01	13	380	22	<5	<20	13	.07	<10	52	<10	<1	88
230 - L38600E 38650 N	<5	1.6	3.03	30	4	85	<5	.17	<1	20	17	79	3.11	.02	<10	.40	409	<1	<0.01	23	850	36	5	<20	14	.08	<10	34	<10	7	101
231 - L38600E 38675 N	<5	.6	4.32	15	4	85	<5	.38	<1	20	21	44	2.99	.03	<10	.37	307	<1	<0.01	25	1080	42	<5	<20	27	.12	<10	31	<10	7	109
232 - L38600E 38700 N	30	.6	3.31	15	6	95	<5	.31	<1	28	21	38	3.17	.03	<10	.35	1075	<1	<0.01	30	980	38	<5	<20	17	.12	<10	45	<10	5	102
233 - L38600E 38725 N	25	.2	2.21	30	4	50	<5	.30	<1	28	23	74	3.28	.01	<10	.49	590	<1	<0.01	28	1140	28	<5	<20	16	.07	<10	51	<10	<1	115
234 - L38600E 38750 N	10	<.2	1.53	25	4	90	<5	.24	<1	19	20	78	4.21	.04	<10	.50	353	5	<0.01	32	640	22	<5	<20	16	.02	<10	51	<10	<1	126

BT#	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	
235	- L38600E 38775 N	<5	.6 1.39	25	2	120	<5 .48	<1	18	27	56	3.38	.07	<10 .38	1027	4 <0.01	27	770	22	5	<20	32	.01	<10	46	<10	<1	80
236	- L38600E 38800 N	30	.4 1.17	20	4	125	<5 .73	<1	17	24	71	3.18	.07	<10 .48	622	3 <0.01	28	400	24	<5	<20	38	.02	<10	39	<10	4	60
237	- L38600E 38825 N	10	<.2 1.12	15	4	75	<5 .17	<1	11	29	24	2.05	.04	<10 .60	160	1 <0.01	16	240	24	<5	<20	12	.05	<10	42	<10	<1	62
238	- L38600E 38850 N	<5	.8 1.45	10	2	105	<5 .53	<1	10	16	30	1.79	.03	<10 .32	411	2 <0.01	20	300	28	<5	<20	31	.04	<10	25	<10	6	92
239	- L38600E 38875 N	55	.4 .94	15	4	60	<5 .10	<1	6	15	14	1.79	.02	<10 .21	83	4 <0.01	9	800	20	<5	<20	10	.03	<10	44	<10	<1	93
240	- L38600E 38900 N	10	.4 .48	10	2	45	<5 .08	<1	3	10	9	1.05	.02	<10 .19	59	2 <0.01	6	220	14	<5	<20	10	.02	<10	24	<10	<1	43
241	- L38600E 38925 N	15	<.2 1.26	15	4	115	<5 .14	<1	9	15	13	2.62	.04	<10 .36	135	1 <0.01	9	520	22	<5	<20	16	.07	<10	54	<10	<1	59
242	- L38600E 38950 N	55	<.2 1.58	10	4	130	<5 .16	<1	12	15	54	2.79	.04	<10 .52	263	<1 <0.01	10	510	24	<5	<20	28	.04	<10	55	<10	<1	51
243	- L38600E 38975 N	<5	<.2 1.75	15	4	85	<5 .12	<1	14	9	38	4.10	.04	<10 .44	374	1 <0.01	7	770	26	<5	<20	16	.10	<10	85	<10	<1	79
244	- L38600E 39000 N	<5	<.2 2.41	15	6	170	<5 .28	<1	19	12	108	4.39	.04	<10 .78	314	<1 .01	8	750	30	<5	<20	63	.13	<10	119	<10	1	55
245	- L38600E 39025 N	25	<.2 .86	10	4	60	<5 .07	<1	5	11	11	1.76	.02	<10 .17	64	<1 <0.01	5	320	18	<5	<20	15	.06	<10	38	<10	<1	21
246	- L38600E 39050 N	45	<.2 1.44	10	4	60	<5 .10	<1	7	16	19	2.13	.03	<10 .31	167	<1 <0.01	8	800	24	<5	<20	9	.05	<10	44	<10	<1	53
247	- L38600E 39075 N	30	<.2 1.16	10	4	135	<5 .11	<1	8	18	18	2.35	.03	<10 .38	126	1 <0.01	8	280	22	<5	<20	31	.05	<10	48	<10	<1	43
248	- L38600E 39100 N	15	.2 1.03	15	4	220	<5 .20	<1	6	14	25	1.67	.02	<10 .28	89	<1 <0.01	9	140	22	<5	<20	18	.04	<10	37	<10	4	32
249	- L38600E 39500 N	5	<.2 1.82	15	4	70	<5 .11	<1	14	26	49	2.79	.03	<10 .68	161	1 <0.01	14	450	32	<5	<20	9	.06	<10	69	<10	<1	52
250	- L38600E 39525 N	<5	.4 2.56	20	8	470	<5 .38	<1	14	35	74	3.13	.07	<10 .60	593	3 <0.01	25	430	38	<5	<20	18	.05	<10	62	<10	5	52
251	- L38600E 39550 N	5	<.2 2.60	30	6	70	<5 .22	<1	13	43	50	3.40	.04	<10 1.04	276	<1 <0.01	20	670	40	5	<20	11	.06	<10	80	<10	<1	64
252	- L38600E 39575 N	<5	<.2 1.36	25	4	55	<5 .22	<1	11	28	29	3.09	.05	<10 .66	177	<1 <0.01	13	720	24	5	<20	7	.08	<10	78	<10	<1	59
253	- L38600E 39600 N	<5	<.2 1.35	15	4	160	<5 .36	<1	15	15	31	3.04	.05	<10 .44	938	<1 <0.01	10	1210	22	<5	<20	25	.09	<10	78	<10	<1	91
254	- L38600E 39625 N	10	<.2 .61	10	4	30	<5 .18	<1	8	4	12	2.10	.03	<10 .26	259	<1 <0.01	4	310	12	<5	<20	11	.08	<10	76	<10	<1	27
255	- L38600E 39650 N	<5	<.2 1.41	30	4	90	<5 .19	<1	15	17	28	5.02	.06	<10 .38	228	<1 <0.01	11	700	22	<5	<20	11	.03	<10	70	<10	<1	70
256	- L38600E 39675 N	<5	<.2 1.97	25	4	105	<5 .20	<1	13	22	37	4.18	.03	<10 .39	140	7 <0.01	12	990	28	<5	<20	10	.05	<10	55	<10	<1	66
257	- L38600E 39700 N	<5	<.2 2.72	20	4	60	<5 .13	<1	12	27	35	3.25	.03	<10 .38	234	3 <0.01	14	1110	30	<5	<20	4	.05	<10	48	<10	<1	48
258	- L38600E 39725 N	<5	.2 2.17	15	6	130	<5 .45	<1	21	66	51	3.18	.05	<10 1.19	385	3 <0.01	44	310	34	5	<20	13	.11	<10	78	<10	3	50
259	- L38600E 39750 N	<5	.4 1.41	20	6	40	<5 .26	<1	15	95	37	3.25	.11	<10 1.38	168	7 <0.01	52	360	30	5	<20	9	.15	<10	85	<10	2	41
260	- L38600E 39775 N	<5	.2 1.53	15	6	65	<5 .27	<1	17	101	24	3.48	.09	<10 1.33	223	3 <0.01	59	880	30	5	<20	10	.15	<10	87	<10	2	65
261	- L38600E 39800 N	<5	<.2 1.50	20	10	90	<5 .31	<1	21	57	87	4.49	.07	<10 1.12	564	7 <0.01	31	1230	26	5	<20	11	.11	<10	97	<10	<1	42
262	- L38600E 39825 N	<5	.2 .99	10	6	45	<5 .23	<1	11	69	17	1.98	.10	<10 1.03	142	3 <0.01	44	540	22	5	<20	9	.15	<10	59	<10	4	29
263	- L38600E 39850 N	<5	<.2 1.77	25	6	55	<5 .16	<1	16	66	112	4.45	.11	<10 1.43	168	8 .01	21	1090	32	5	<20	6	.12	<10	121	<10	<1	48

PAGE 9

BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	CU	PR(%)	K(%)	LA MG(%)	MN	MO NA(%)	NI	P	PB	SB	SN	SR TI(%)	U	V	W	Y	ZN	
264	- L38600E 39875 H	<5	<.2 2.09	20	8	70	<.31 <1	25	94	72	3.84	.19	<10	1.67	340	7 <.01	56	1140	36	5	<20	9	.13	<10	91	<10	1	70
265	- L38600E 39900 H	<5	.6 1.19	15	6	60	<.17 <1	10	23	15	2.56	.03	<10	.34	300	2 <.01	11	1010	24	<5	<20	7	.12	<10	71	<10	2	50
266	- L38600E 39925 H	<5	.2 .90	10	4	40	<.13 <1	8	21	25	2.11	.07	<10	.72	83	3 <.01	9	600	26	<5	<20	6	.09	<10	73	<10	<1	34
267	- L38600E 39950 H	<5	.2 1.35	20	4	60	<.23 <1	15	26	117	4.09	.06	<10	.90	228	5 <.01	13	1040	40	<5	<20	8	.10	<10	97	<10	<1	50
268	- L38600E 39975 H	<5	.4 .92	15	6	50	<.17 <1	8	18	28	2.17	.04	<10	.43	107	3 <.01	8	460	24	<5	<20	6	.10	<10	56	<10	<1	50
269	- L38600E 40000 H	<5	.4 1.29	25	6	60	<.13 <1	15	54	81	3.38	.10	<10	.83	184	5 <.01	26	500	62	10	<20	5	.13	<10	96	<10	<1	72
270	- L38700E 39500 H	50	.2 1.82	15	4	75	<.05 <1	5	17	11	2.37	.02	<10	.20	86	<1 <.01	5	770	30	<5	<20	32	.04	<10	30	<10	<1	31
271	- L38700E 39525 H	<5	<.2 .90	10	4	35	<.07 <1	5	14	12	1.61	.01	<10	.27	80	1 <.01	6	210	16	<5	<20	4	.04	<10	41	<10	<1	20
272	- L38700E 39550 H	<5	<.2 .50	15	2	95	<.22 <1	7	9	17	2.43	.03	<10	.18	305	<1 <.01	7	400	12	<5	<20	20	.03	<10	55	<10	<1	29
273	- L38700E 39575 H	<5	<.2 1.05	15	<2	50	<.15 <1	8	13	13	2.57	.03	<10	.30	162	1 <.01	6	500	18	<5	<20	7	.05	<10	66	<10	<1	37
274	- L38700E 39600 H	5	<.2 1.64	20	4	45	<.23 <1	10	10	61	4.21	.04	<10	.62	800	<1 .01	9	1130	24	5	<20	15	.09	<10	124	<10	<1	56
275	- L38700E 39625 H	<5	<.2 1.64	20	4	120	<.24 <1	20	11	50	4.14	.04	<10	.39	1680	<1 <.01	6	740	20	<5	<20	16	.04	<10	84	<10	<1	60
276	- L38700E 39650 H	<5	<.2 1.05	15	4	85	<.11 <1	10	16	28	2.52	.04	<10	.34	582	1 <.01	10	460	18	<5	<20	5	.02	<10	46	<10	<1	43
277	- L38700E 39675 H	5	<.2 1.23	20	2	80	<.12 <1	10	19	29	2.71	.04	<10	.38	276	<1 <.01	9	690	20	5	<20	6	.03	<10	49	<10	<1	70
278	- L38700E 39700 H	10	<.2 .40	50	4	85	<.11 <1	9	6	93	3.49	<.01 <10	.10	172	12 <.01	8	660	34	<5	<20	8	.03	<10	49	<10	<1	45	
279	- L38700E 39725 H	<5	<.2 1.24	25	4	100	<.24 <1	11	20	37	2.79	.02	<10	.42	164	4 <.01	12	290	24	<5	<20	13	.08	<10	55	<10	<1	65
280	- L38700E 39750 H	<5	<.2 1.63	20	4	90	<.20 <1	11	33	55	2.83	.08	<10	.64	232	4 <.01	21	320	24	<5	<20	15	.07	<10	62	<10	<1	65
281	- L38700E 39775 H	<5	.4 1.00	15	4	45	<.14 <1	7	31	18	2.13	.03	<10	.45	135	4 <.01	13	580	26	<5	<20	7	.08	<10	47	<10	<1	65
282	- L38700E 39800 H	<5	<.2 1.16	20	4	60	<.20 <1	11	44	25	2.71	.05	<10	.86	212	3 <.01	22	470	24	<5	<20	11	.10	<10	78	<10	<1	57
283	- L38700E 39825 H	<5	<.2 1.47	25	6	105	<.42 <1	18	52	67	3.98	.13	<10	.98	272	18 <.01	28	550	36	5	<20	24	.10	<10	91	<10	<1	66
284	- L38700E 39850 H	<5	.4 1.69	20	4	70	<.19 <1	14	25	16	2.35	.03	<10	.41	261	2 <.01	14	580	22	<5	<20	9	.09	<10	50	<10	<1	80
285	- L38700E 39875 H	<5	<.2 .90	20	2	25	<.09 <1	9	29	13	1.68	.03	<10	.52	128	<1 <.01	19	370	14	<5	<20	4	.06	<10	36	<10	<1	77
286	- L38700E 39900 H	<5	<.2 1.44	20	4	45	<.22 <1	13	24	19	2.71	.03	<10	.55	199	<1 <.01	15	710	22	<5	<20	8	.08	<10	64	<10	<1	53
287	- L38700E 39925 H	<5	.2 1.52	15	6	105	<.34 <1	16	127	23	2.99	.08	<10	1.29	377	2 <.01	60	1170	22	5	<20	18	.15	<10	83	<10	1	72
288	- L38700E 39950 H	<5	<.2 2.26	20	6	70	<.20 <1	30	155	319	4.75	.38	<10	2.40	254	3 .01	88	450	88	5	<20	11	.13	<10	143	<10	<1	59
289	- L38700E 39975 H	10	<.2 1.07	40	4	80	<.14 <1	11	21	43	3.26	.02	<10	.26	264	7 <.01	15	680	38	10	<20	<1	.06	20	64	<10	<1	61
291	- L38800E 38700 H	5	<.2 2.09	25	4	135	<.30 <1	18	27	51	3.40	.05	<10	.51	371	4 <.01	25	390	28	5	<20	25	.04	<10	56	<10	<1	79
292	- L38800E 38725 H	<5	.4 1.54	15	4	50	<.21 <1	17	15	46	2.74	.03	<10	.38	496	2 <.01	19	580	24	<5	<20	14	.06	<10	48	<10	2	106
293	- L38800E 38750 H	<5	.4 1.82	20	4	125	<.26 <1	25	23	27	3.40	.03	<10	.56	1524	2 <.01	19	650	24	<5	<20	18	.08	<10	64	<10	<1	102
294	- L38800E 38775 H	<5	.4 2.57	40	4	790	<.40 <1	33	59	98	5.21	.13	<10	.77	1379	3 <.01	61	730	34	10	<20	35	.06	<10	66	<10	<1	150
295	- L38800E 38800 H	<5	<.2 1.90	15	6	90	<.40 <1	23	18	35	3.05	.03	<10	.38	965	2 <.01	18	480	26	<5	<20	15	.08	<10	58	<10	4	135

PAGE 10

BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	NH	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
296	- L38000K 38825 H	<5	.2 1.62	25	4	95	<5	.34	<1	23	27	60	4.03	.04	<10	.55	660	3	<0.01	35	540	28	<5	<20	25	.05	<10	64	<10	1	157
297	- L38000K 38850 H	<5	<.2 1.30	20	4	65	<5	.29	<1	18	36	28	3.66	.03	<10	.56	501	3	<0.01	24	560	26	<5	<20	18	.06	<10	72	<10	<1	137
298	- L38000K 38875 H	<5	<.2 1.36	20	4	100	<5	.22	<1	15	38	17	2.84	.05	<10	.46	469	5	<0.01	22	590	34	<5	<20	15	.04	<10	63	<10	<1	95
299	- L38000K 38900 H	<5	.4 1.02	20	4	95	<5	.17	<1	10	14	27	2.13	.05	<10	.27	532	<1	<0.01	11	760	16	<5	<20	15	.04	<10	44	<10	<1	94
300	- L38000K 38925 H	10	<.2 1.30	20	4	90	<5	.24	<1	18	20	34	2.97	.03	<10	.43	653	1	<0.01	21	650	18	<5	<20	18	.06	<10	55	<10	<1	140
301	- L38000K 38950 H	<5	<.2 1.02	20	4	115	<5	.13	<1	7	22	32	2.70	.06	<10	.40	232	3	<0.01	10	770	20	<5	<20	26	.02	<10	56	<10	1	60
302	- L38000K 38975 H	<5	1.4 1.69	15	4	100	<5	1.09	<1	9	15	38	1.79	.03	<10	.25	543	1	<0.01	18	460	24	<5	<20	39	.06	<10	29	<10	6	60
303	- L38000K 39000 H	<5	<.2 1.66	15	8	165	<5	.27	<1	12	29	41	2.57	.07	<10	.56	348	2	<0.01	20	370	28	<5	<20	22	.05	<10	55	<10	1	60
304	- L38000K 39025 H	<5	.4 1.96	25	4	240	<5	.57	<1	15	36	64	2.95	.10	<10	.84	564	2	<0.01	26	360	32	5	<20	34	.06	<10	61	<10	4	84
305	- L38000K 39050 H	<5	<.2 1.50	15	4	140	<5	.20	<1	10	16	18	2.27	.02	<10	.29	185	3	<0.01	27	280	26	<5	<20	27	.07	<10	39	<10	2	94
306	- L38000K 39075 H	50	<.2 .50	5	2	65	<5	.20	<1	<1	<1	4	.43	.02	<10	.05	20	3	<0.01	<1	100	6	<5	<20	21	<0.01	<10	11	<10	<1	19
307	- L38000K 39100 H	5	<.2 1.31	15	4	130	<5	.12	<1	8	18	18	2.05	.02	<10	.46	118	<1	<0.01	10	300	22	<5	<20	29	.06	<10	45	<10	<1	56
308	- L38000K 39125 H	20	<.2 .81	10	4	500	<5	.06	<1	3	4	4	.88	.02	<10	.07	51	<1	<0.01	2	180	12	<5	<20	141	.03	<10	18	<10	<1	22
309	- L38000K 39150 H	10	<.2 2.32	10	4	315	<5	.14	<1	9	21	14	2.64	.04	<10	.38	176	2	<0.01	11	590	32	<5	<20	73	.09	<10	54	<10	<1	61
310	- L38000K 39175 H	<5	<.2 1.50	15	4	145	<5	.07	<1	7	11	9	2.13	.02	<10	.18	95	<1	<0.01	6	390	24	<5	<20	23	.08	<10	42	<10	3	29
311	- L38000K 39200 H	<5	<.2 .65	10	2	350	<5	.07	<1	4	6	6	1.14	.02	<10	.13	63	<1	<0.01	3	160	18	<5	<20	94	.04	<10	28	<10	<1	25
312	- L39000K 38900 H	<5	<.2 2.13	30	6	155	<5	.17	<1	20	37	76	5.69	.04	<10	.57	620	5	<0.01	25	1630	30	<5	<20	17	.10	<10	91	<10	<1	110
313	- L39000K 38925 H	<5	<.2 1.41	25	6	95	<5	.26	<1	19	45	64	4.45	.03	<10	.69	588	5	<0.01	31	960	32	<5	<20	26	.06	<10	98	<10	<1	140
314	- L39000K 38950 H	35	<.2 .35	15	<2	45	<5	.13	<1	4	10	13	1.41	.02	<10	.15	107	2	<0.01	8	340	14	5	<20	9	.02	<10	35	<10	<1	57
315	- L39000K 38975 H	<5	<.2 1.44	15	6	55	<5	.22	<1	18	82	36	3.38	.02	<10	.94	482	7	<0.01	28	430	38	<5	<20	17	.07	<10	82	<10	2	103
316	- L39000K 39000 H	<5	.4 1.14	25	4	180	<5	.57	<1	14	23	65	3.39	.06	<10	.34	582	5	<0.01	18	730	18	5	<20	40	.02	<10	55	<10	<1	100
317	- L39000K 39025 H	10	<.2 .92	20	4	125	<5	.26	<1	10	17	25	3.06	.03	<10	.25	277	3	<0.01	12	530	16	<5	<20	24	.02	<10	54	<10	<1	69
318	- L39000K 39050 H	<5	<.2 1.53	40	4	100	<5	.21	<1	19	24	75	5.28	.04	<10	.44	501	5	<0.01	34	950	22	<5	<20	23	.03	<10	60	<10	1	189
319	- L39000K 39075 H	<5	1.0 1.42	20	4	85	<5	.58	2	11	19	32	2.17	.02	<10	.34	401	2	<0.01	34	400	24	<5	<20	31	.04	<10	32	<10	4	128
320	- L39000K 39100 H	<5	<.2 .71	15	2	75	<5	.16	<1	6	14	9	1.78	.01	<10	.19	271	2	<0.01	9	330	14	<5	<20	11	.03	<10	57	<10	<1	60
321	- L39000K 39125 H	<5	<.2 1.18	15	4	110	<5	.27	<1	9	23	21	2.45	.04	<10	.29	321	20	<0.01	17	720	18	<5	<20	21	.04	<10	73	<10	<1	114
322	- L39000K 39150 H	<5	.2 1.82	10	4	95	<5	.16	<1	12	26	30	2.46	.05	<10	.48	427	2	<0.01	17	440	26	<5	<20	13	.05	<10	44	<10	1	62
323	- L39000K 39175 H	10	<.2 1.19	15	2	515	<5	.11	<1	10	9	31	2.97	.05	<10	.25	271	<1	<0.01	5	630	16	<5	<20	105	<0.01	<10	28	<10	<1	60
324	- L39000K 39200 H	<5	<.2 .28	<5	2	230	<5	.03	<1	2	<1	2	.52	.01	<10	.03	28	<1	<0.01	1	80	6	<5	<20	52	.02	<10	13	<10	<1	11
325	- L39000K 39000 H	<5	<.2 1.25	20	4	55	<5	.17	<1	12	44	51	2.88	.02	<10	.71	342	<1	<0.01	35	780	18	<5	<20	12	.02	<10	42	<10	6	96
326	- L39200K 39025 H	<5	<.2 1.56	25	4	55	<5	.18	<1	12	34	35	3.42	.03	<10	.71	315	<1	<0.01	24	650	22	<5	<20	18	.05	<10	67	<10	<1	97

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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	
327	- L392008 39050 N	<5	.2 1.12	20	4	55	<5 .12	<1	11	21	31	2.13	.04	<10 .52	192	<1 <0.01	15	330	22	<5	<20	9	.04	<10	40	<10	<1	62
328	- L392008 39075 N	<5	<.2 1.06	20	4	75	<5 .10	<1	7	20	16	2.46	.02	<10 .35	196	<1 <0.01	10	1090	18	<5	<20	16	.03	<10	46	<10	<1	89
329	- L392008 39100 N	<5	<.2 1.64	25	4	105	<5 .16	<1	11	28	40	3.10	.04	<10 .67	225	2 <0.01	18	560	24	5	<20	18	.04	<10	60	<10	<1	90
330	- L392008 39125 N	10	<.2 1.24	15	4	250	<5 .20	<1	8	18	23	2.43	.02	<10 .23	179	7 <0.01	12	610	26	<5	<20	50	.04	<10	85	<10	<1	96
331	- L392008 39150 N	<5	<.2 1.19	25	<2	90	<5 .25	<1	18	<1	99	4.40	.03	<10 .28	511	2 <0.01	3	1080	88	<5	<20	28	<0.01	<10	24	<10	<1	60
332	- L392008 39175 N	<5	<.2 1.92	20	4	90	<5 .17	<1	18	17	55	3.30	.03	<10 .56	361	<1 .01	13	390	26	5	<20	15	.06	<10	59	<10	<1	51
333	- L392008 39200 N	<5	<.2 1.20	10	4	65	<5 .15	<1	9	11	22	2.27	.02	<10 .20	194	<1 <0.01	8	310	22	<5	<20	12	.05	<10	44	<10	<1	33
130	- L382008 38500 N	15	.2 1.99	25	8	135	<5 1.17	<1	27	58	165	4.26	.32	20 1.39	1414	4 <0.01	34	940	52	10	<20	63	.13	<10	109	<10	12	94
131	- L382008 38525 N	10	<.2 2.01	25	12	130	<5 1.08	<1	27	58	117	4.31	.29	20 1.37	1051	4 <0.01	33	850	54	5	<20	66	.13	<10	111	<10	11	95
132	- L382008 38550 N	25	.2 1.69	20	10	135	<5 1.87	<1	21	46	102	3.41	.18	10 1.09	1011	2 <0.01	28	930	48	10	<20	133	.09	<10	81	<10	9	73
133	- L382008 38575 N	5	1.2 3.51	20	8	270	<5 1.14	1	21	57	129	4.25	.16	10 .93	969	2 <0.01	35	590	60	10	<20	85	.12	<10	94	<10	13	89
134	- L382008 38600 N	5	<.2 2.21	20	10	145	<5 1.04	<1	24	52	71	3.87	.18	10 1.34	771	1 <0.01	25	710	46	5	<20	58	.14	<10	107	<10	10	73
135	- L382008 38625 N	<5	<.2 2.38	10	10	150	<5 .89	<1	20	46	68	3.63	.14	10 .92	419	2 <0.01	26	810	64	10	<20	51	.13	<10	107	<10	7	93
136	- L382008 38650 N	15	<.2 2.13	20	10	110	<5 .66	<1	21	45	64	3.72	.16	<10 1.23	329	2 <0.01	22	880	42	5	<20	29	.17	<10	106	<10	6	101

ECO-TECH LABORATORIES LTD.

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

JULY 31, 1991

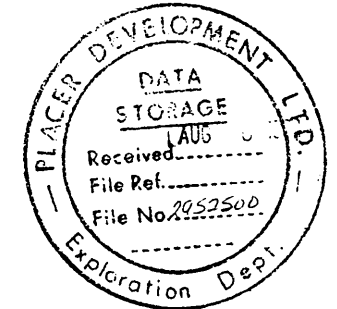
VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PLACER DOME INC. - ETK91- 450

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

PROJECT: V269
 158 SOIL SAMPLES RECEIVED JULY 10, 1991



BT#	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
1	AB 001	10	<.2 2.59	20	12	115	<.5	.74	<1	19	91	70	3.59	.07	10	1.14	490	<1	<.01	36	520	18	5	<20	50	.13	<10	89	<10	12	93
2	AB 002	<5	<.2 2.75	20	12	100	<.5	.49	<1	20	98	48	3.90	.09	10	1.21	567	1	.01	36	830	14	10	<20	34	.14	<10	99	<10	6	121
3	AB 003	10	<.2 2.23	20	18	65	<.5	.44	<1	20	92	44	3.46	.07	10	1.19	477	1	.01	32	660	12	10	<20	32	.13	<10	92	<10	6	75
4	AB 004	<5	<.2 2.14	15	10	60	<.5	.32	<1	14	68	26	3.06	.05	<10	.83	327	<1	.01	20	740	10	5	<20	25	.13	<10	86	<10	4	72
5	AB 005	5	<.2 2.65	25	12	95	<.5	.50	<1	21	115	45	4.25	.08	10	1.40	496	1	.01	40	910	10	10	<20	33	.14	<10	105	<10	5	101
6	AB 007 *	<5	1.0 5.33	35	18	275	<.5	.61	<1	27	117	145	5.79	.12	10	1.08	859	7	.01	75	680	32	5	<20	53	.16	<10	114	10	13	150
7	AB 008	<5	.2 3.19	20	16	70	<.5	.31	<1	16	75	26	4.29	.04	<10	.73	279	1	.02	21	1250	16	5	<20	21	.13	<10	88	<10	2	92
8	AB 009	<5	<.2 1.85	20	14	65	<.5	.36	<1	14	65	26	3.41	.06	<10	.67	233	<1	.01	20	950	12	5	<20	26	.14	<10	92	<10	5	88
9	AB 010 *	<5	.4 2.12	<5	12	85	<.5	.31	<1	17	57	47	2.87	.06	<10	.60	433	<1	.01	27	400	12	<5	<20	25	.11	<10	79	<10	7	72
10	AB 011	10	<.2 1.83	20	12	55	<.5	.38	<1	16	71	34	3.17	.05	<10	.89	395	<1	.01	26	1040	10	5	<20	24	.10	<10	77	<10	3	76
11	AB 012	<5	<.2 2.02	25	10	55	<.5	.43	<1	22	82	51	3.54	.07	10	1.17	509	1	<.01	32	880	12	10	<20	28	.12	<10	81	<10	5	74
12	AB 013	5	.4 2.48	10	10	80	<.5	.52	<1	22	60	20	3.29	.07	<10	.57	599	<1	.01	21	1790	8	5	<20	31	.12	<10	75	<10	4	92
13	AB 014	5	<.2 2.12	30	8	60	<.5	.38	<1	22	85	58	3.90	.06	10	1.34	638	2	<.01	35	740	10	10	<20	29	.11	<10	86	<10	3	86
14	AB 015	<5	.4 2.52	15	16	110	<.5	.63	<1	21	73	31	3.53	.09	<10	.80	859	1	.01	25	1550	12	5	<20	33	.10	<10	80	<10	2	121
15	AB 016	<5	<.2 2.37	25	14	70	<.5	.39	<1	24	90	44	3.44	.06	<10	1.04	475	<1	<.01	37	720	10	10	<20	26	.13	<10	77	<10	5	74
16	AB 017	<5	<.2 2.25	25	14	75	<.5	.34	<1	19	79	36	3.91	.05	10	1.03	319	<1	.01	32	780	10	5	<20	27	.11	<10	86	<10	2	79
17	AB 018	<5	.4 3.19	30	12	135	<.5	.30	<1	18	77	52	4.59	.12	<10	.83	303	1	.01	41	1490	16	5	<20	22	.14	<10	91	<10	3	156
18	AB 019	<5	.2 2.30	20	12	75	<.5	.38	<1	16	86	38	3.68	.06	<10	.74	294	<1	.01	24	850	10	5	<20	26	.12	<10	89	<10	3	97
19	AB 020 *	<5	.2 2.42	25	8	95	<.5	.42	<1	21	91	58	3.86	.06	<10	1.08	897	<1	.01	35	540	10	10	<20	29	.11	<10	98	<10	5	95
20	AB 021 *	<5	.8 2.87	40	8	155	<.5	.85	<1	22	83	95	4.42	.09	10	.95	1117	1	<.01	46	690	12	5	<20	57	.08	<10	87	<10	10	124
21	AB 022	60	<.2 1.95	45	14	75	<.5	.61	<1	19	75	57	3.81	.04	10	1.06	681	1	<.01	37	820	8	10	<20	41	.10	<10	72	<10	8	81
22	AB 023	10	.6 1.85	65	8	100	<.5	.42	<1	18	48	51	3.62	.03	10	.65	649	1	<.01	40	580	10	5	<20	32	.07	<10	59	<10	5	107
23	AB 024 *	<5	.8 1.77	75	8	75	<.5	.95	<1	20	37	56	3.88	.02	10	.64	1008	1	<.01	45	930	12	10	<20	79	.05	<10	36	<10	6	109
24	AB 025	10	.6 2.16	40	10	75	<.5	.58	<1	13	29	23	3.30	.01	<10	.37	217	1	.01	27	290	10	5	<20	54	.05	<10	56	<10	<1	110
25	AB 026	<5	.2 1.28	125	10	50	<.5	.09	<1	18	25	82	5.30	<.01	10	.32	514	5	<.01	59	1160	12	<5	<20	10	.01	<10	27	<10	<1	182
26	AB 027	<5	.6 2.23	25	6	85	<.5	.17	<1	16	37	26	3.71	.03	<10	.38	733	1	.01	22	960	8	5	<20	14	.07	<10	65	<10	<1	106

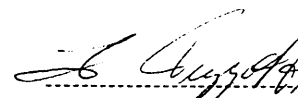
PAGE 5

BT#	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	SM	SR	TI (%)	U	V	W	Y	ZN	
137	KB 217	5	<.2 1.83	15	10	40	<.5 .38	<1	13	28	21	2.99	.03	<10 .49	275	<1	<.01	13	440	12	10	<20	19	.19	<10	114	<10	7	56
138	KB 218	<5	<.2 2.52	20	16	80	<.5 .47	<1	16	36	33	4.08	.05	<10 .78	441	<1	<.01	17	460	14	5	<20	23	.19	<10	135	<10	3	73
139	KB 219	<5	<.2 2.54	10	10	55	<.5 .92	<1	17	27	50	3.08	.04	<10 .61	898	<1	<.01	20	480	10	5	<20	29	.16	<10	97	<10	8	93
140	KB 220	<5	<.2 3.56	35	14	85	<.5 .42	<1	20	48	45	6.02	.06	<10 1.06	414	<1	.01	22	870	18	10	<20	44	.20	<10	168	<10	2	147
141	KB 221	<5	<.2 1.49	15	8	55	<.5 .34	<1	11	23	14	2.90	.03	<10 .41	206	<1	.01	11	360	10	5	<20	17	.15	<10	107	<10	3	69
142	KB 222	<5	<.2 2.44	<5	12	65	<.5 .43	<1	15	37	33	4.15	.06	<10 .74	334	<1	.01	18	500	14	<5	<20	31	.19	<10	140	<10	3	81
144	KB 224	<5	<.2 2.97	20	12	75	<.5 .68	<1	23	31	35	4.80	.05	<10 1.16	443	<1	.01	17	560	16	10	<20	32	.26	<10	130	<10	8	72
145	KB 225	<5	<.2 2.50	20	10	70	<.5 .56	<1	18	32	32	4.24	.04	<10 .91	411	<1	.01	16	530	12	5	<20	24	.24	<10	148	<10	5	93
146	KB 226	<5	<.2 2.81	10	10	75	<.5 .69	<1	20	35	46	3.56	.05	<10 .84	352	<1	<.01	28	510	14	5	<20	27	.19	<10	111	<10	7	78
147	KB 227	5	<.2 2.96	10	14	65	<.5 .50	<1	18	35	35	4.06	.05	<10 .89	349	<1	.01	17	520	12	10	<20	20	.21	<10	130	<10	6	68
148	KB 228	<5	<.2 2.64	25	16	80	<.5 .29	<1	15	35	26	4.86	.04	<10 .53	225	<1	.01	16	650	16	5	<20	20	.23	<10	144	<10	4	72
149	KB 229	<5	<.2 3.50	15	16	105	<.5 1.29	<1	22	50	56	4.38	.12	<10 1.23	856	<1	<.01	29	870	14	10	<20	38	.18	<10	123	<10	13	114
150	KB 230 **	<5	.2 3.59	<5	16	95	<.5 1.24	<1	18	45	77	3.64	.08	10 .76	770	5	<.01	32	1170	24	5	<20	34	.08	<10	91	10	16	113
151	KB 231	<5	<.2 2.96	25	12	75	<.5 .40	<1	15	30	34	4.39	.03	<10 .60	336	1	.01	14	790	12	10	<20	108	.20	<10	129	<10	5	87
152	KB 232 *	<5	<.2 2.49	30	16	50	<.5 .41	<1	17	34	32	4.64	.04	<10 .79	384	<1	.01	13	1380	18	5	<20	19	.35	<10	225	<10	9	71
153	KB 233	<5	<.2 3.49	20	20	120	<.5 1.17	<1	19	43	74	4.09	.07	<10 .82	667	1	.01	25	820	14	10	<20	37	.16	<10	110	<10	10	90
154	KB 234	<5	<.2 3.16	15	14	75	<.5 .52	<1	17	44	44	3.50	.06	<10 .98	349	<1	.01	22	460	14	10	<20	19	.18	<10	110	<10	6	70
155	KB 235	<5	<.2 3.95	10	20	90	<.5 .43	<1	25	40	46	4.19	.06	<10 .77	316	<1	.01	29	700	14	10	<20	18	.19	<10	126	<10	7	73
156	KB 236	<5	<.2 3.36	20	14	30	<.5 1.30	<1	26	13	38	5.10	.04	<10 1.71	784	<1	<.01	5	520	10	15	<20	42	.36	<10	166	<10	11	62
157	KB 237 *	5	.2 2.56	5	24	45	<.5 1.35	<1	11	24	46	2.44	.05	<10 .45	350	<1	.02	13	780	14	5	<20	42	.12	<10	76	<10	9	53
158	KB 238	<5	<.2 3.12	20	14	70	<.5 .53	<1	20	34	31	4.31	.04	<10 .91	363	<1	<.01	15	400	14	10	<20	17	.24	<10	136	<10	7	96

NOTE: < = LESS THAN

* = -42 MESH

** = -20 MESH



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

SC91/PLACER

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BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SW	SR	TI(%)	U	V	W	Y	Zn
171	L41500 B 39900 N	-	<.2 2.49	30	6	110	<5	.35	<1	22	34	71	4.79	.05	<10	.59	547	2	<0.01	31	820	10	10	<20	24	.08	<10	87	<10	<1	103
172	L41500 B 39925 N	-	.4 2.30	25	6	135	<5	.29	<1	23	32	58	4.91	.08	<10	.42	352	1	.01	29	1520	10	5	<20	25	.09	<10	70	<10	<1	166
173	L41500 B 39950 N	-	<.2 2.18	35	6	140	<5	.39	<1	23	33	76	4.96	.06	<10	.64	653	2	<0.01	41	690	10	<5	<20	31	.07	<10	76	<10	2	116
174	L41500 B 39975 N	-	<.2 2.57	50	4	130	<5	.31	<1	29	37	80	5.91	.04	<10	.59	643	2	.01	43	650	14	5	<20	34	.07	<10	99	<10	<1	159
175	L41500 B 40000 N	-	<.2 1.79	30	4	45	<5	.25	<1	14	34	27	4.30	.02	<10	.41	268	3	.01	19	480	14	5	<20	18	.06	<10	107	<10	<1	92
176	L41500 B 40025 N	-	<.2 2.24	25	4	85	<5	.30	<1	17	35	39	4.25	.03	<10	.54	435	2	.01	20	680	12	<5	<20	20	.10	<10	112	<10	2	105
177	L41500 B 40050 N	-	.4 2.72	20	6	95	<5	.42	<1	22	41	122	4.67	.06	<10	.80	729	2	<0.01	32	990	14	10	<20	16	.07	<10	92	<10	1	115
178	L41500 B 40075 N	-	1.6 2.63	15	6	190	<5	1.47	1	21	43	102	3.76	.05	<10	.63	1124	3	<0.01	34	770	10	5	<20	53	.06	<10	74	<10	11	113
179	L41500 B 40100 N	-	<.2 2.36	20	6	90	<5	.39	<1	20	35	73	4.24	.04	<10	.56	282	3	.01	27	610	12	10	<20	21	.08	<10	88	<10	2	86
180	L41500 B 40125 N	-	.2 1.97	20	4	50	<5	.13	<1	16	50	35	4.50	.03	<10	.41	435	5	.01	23	940	12	<5	<20	11	.09	<10	110	<10	2	154
181	L41500 B 40150 N	-	<.2 2.06	15	4	70	<5	.54	<1	21	47	31	3.90	.02	<10	.62	411	3	.02	22	530	10	5	<20	28	.10	<10	113	<10	5	116
182	L41500 B 40175 N	-	<.2 1.94	25	4	50	<5	.11	<1	14	26	40	4.75	.02	<10	.28	284	2	.01	12	900	14	<5	<20	10	.17	<10	112	<10	3	84
183	L41500 B 40200 N	-	<.2 1.84	15	6	35	<5	.12	<1	10	21	24	3.38	.02	<10	.20	178	3	.01	7	950	14	<5	<20	10	.20	<10	93	<10	5	49
184	L41500 B 40225 N	-	<.2 2.37	40	6	55	<5	.14	<1	17	37	30	4.73	.02	<10	.53	444	8	.02	16	870	16	5	<20	11	.19	<10	130	<10	4	104
185	L41500 B 40250 N	-	<.2 2.53	15	6	95	<5	.36	<1	15	36	25	4.37	.05	<10	.57	344	2	<0.01	17	720	12	<5	<20	18	.11	<10	124	<10	2	95
186	L41500 B 40275 N	-	<.2 2.66	25	4	90	<5	.29	<1	16	40	26	5.02	.05	<10	.60	238	2	<0.01	17	780	12	5	<20	14	.10	<10	136	<10	<1	103
187	L41500 B 40300 N	-	<.2 3.69	<5	6	125	<5	.75	3	27	47	36	4.42	.05	<10	.56	482	6	<0.01	57	520	12	5	<20	36	.12	<10	99	<10	8	282
188	L41500 B 40325 N	-	<.2 2.54	10	4	170	<5	.43	<1	14	35	30	3.95	.05	<10	.53	198	1	.01	16	430	12	<5	<20	26	.13	<10	114	<10	5	79
189	L41500 B 40350 N	-	<.2 1.22	25	4	100	<5	.13	<1	11	28	20	3.45	.03	<10	.23	145	1	.01	14	550	8	<5	<20	11	.07	<10	106	<10	<1	67
190	L41500 B 40375 N	-	<.2 1.60	40	4	155	<5	.15	<1	23	12	23	6.08	.03	<10	.24	332	<1	.02	10	680	10	<5	<20	16	.07	<10	107	<10	<1	80
191	L41500 B 40400 N	-	<.2 2.97	20	4	145	<5	.17	<1	22	14	57	6.00	.09	<10	.53	308	<1	.01	9	870	12	<5	<20	10	.04	<10	132	<10	<1	67
192	L41500 B 40425 N	-	<.2 1.97	25	4	90	<5	.25	<1	19	11	42	5.65	.07	<10	.51	500	<1	.01	7	750	12	5	<20	25	.08	<10	185	<10	<1	65
193	L41500 B 40450 N	-	<.2 2.00	30	4	170	<5	.23	<1	19	37	42	5.94	.05	<10	.41	327	<1	.01	15	980	18	5	<20	17	.09	<10	122	<10	<1	79
194	L41500 B 40475 N	5	<.2 3.07	15	8	130	<5	.30	<1	21	50	34	5.00	.06	<10	.79	343	1	.01	22	830	12	5	<20	17	.12	<10	115	<10	2	104
195	L41500 B 40500 N	10	<.2 1.90	25	6	110	<5	.27	<1	22	44	46	4.93	.06	<10	.57	835	<1	.01	20	1010	14	5	<20	16	.08	<10	117	<10	<1	85
196	L41500 B 40525 N	5	<.2 2.29	20	6	85	<5	.29	<1	17	43	21	4.65	.05	<10	.67	367	1	.01	17	850	12	10	<20	14	.14	<10	123	<10	2	96
197	L41500 B 40550 N*	5	<.2 2.76	25	8	205	<5	.85	2	30	53	72	4.85	.08	<10	1.18	1463	<1	.01	32	980	12	5	<20	57	.13	<10	92	<10	12	167
198	L41500 B 40575 N*	<5	.6 4.47	10	8	190	<5	.84	2	29	73	118	5.66	.15	<10	1.47	1075	1	.01	45	710	14	10	<20	57	.10	<10	121	<10	10	158
199	L41500 B 40600 N	<5	<.2 2.95	20	8	100	<5	.72	<1	15	42	24	4.92	.05	<10	.79	303	2	<0.01	18	650	12	10	<20	42	.15	<10	112	<10	3	133
200	L41500 B 40625 N	<5	1.2 3.67	<5	8	155	<5	1.06	3	21	44	56	3.78	.07	<10	.83	1496	2	.01	28	710	12	5	<20	56	.13	<10	74	<10	9	176
201	L41500 B 40650 N	<5	.2 2.39	20	14	125	<5	1.74	5	19	44	79	3.54	.07	<10	.95	1127	2	<0.01	52	910	8	10	<20	65	.08	<10	77	<10	11	369
202	L41600 B 39975 N	-	.2 2.13	65	6	120	<5	.30	<1	21	33	84	6.08	.06	<10	.45	824	1	<0.01	32	1570	10	5	<20	25	.05	<10	85	<10	<1	182

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BT#	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	Z
203	- L41600 B 40000 M	-	.4 3.73	20	6	140	<5 .43	<1	32	43	101	5.77	.07	<10 .65	568	3 .01	50	800	16	10	<20	35 .09	<10	83	<10	7	15
204	- L41600 B 40025 M	-	<.2 3.07	35	6	180	<5 .28	<1	26	45	104	5.20	.06	<10 .88	502	5 .01	48	860	10	10	<20	22 .07	<10	101	<10	1	14
205	- L41600 B 40050 M	-	<.2 3.10	30	6	155	<5 .30	<1	27	39	103	5.10	.06	<10 .77	531	3 .01	50	1010	12	5	<20	25 .09	<10	87	<10	2	13
206	- L41600 B 40075 M	-	<.2 2.82	35	6	130	<5 .39	<1	24	45	96	4.69	.06	<10 .99	496	4 <0.01	40	780	10	10	<20	24 .06	<10	97	<10	2	10
207	- L41600 B 40100 M	-	<.2 3.24	20	6	105	<5 .29	<1	23	46	65	5.12	.07	<10 .77	416	3 <0.01	35	1250	10	5	<20	23 .08	<10	97	<10	<1	17
208	- L41600 B 40125 M	-	.2 1.64	50	6	95	<5 .20	<1	30	38	42	6.39	.02	<10 .26	689	4 .01	36	1470	14	5	<20	27 .09	<10	94	<10	<1	13
209	- L41600 B 40150 M	-	<.2 1.83	30	6	130	<5 .25	<1	17	32	64	4.24	.05	<10 .38	477	3 .01	24	1040	10	5	<20	21 .06	<10	81	<10	<1	9
210	- L41600 B 40175 M	-	<.2 3.12	20	6	150	<5 .43	<1	26	44	87	4.85	.05	<10 1.01	551	1 <0.01	41	610	10	5	<20	27 .07	<10	105	<10	3	7
211	- L41600 B 40200 M	-	<.2 3.20	10	6	120	<5 .34	<1	19	43	51	4.32	.06	<10 .81	476	1 <0.01	25	720	10	5	<20	18 .10	<10	105	<10	4	13
212	- L41600 B 40225 M	-	<.2 2.84	20	6	80	<5 .34	<1	19	42	43	4.49	.06	<10 .72	722	2 <0.01	19	1070	10	5	<20	19 .09	<10	111	<10	1	10
213	- L41600 B 40250 M	-	.4 2.84	15	4	95	<5 .26	<1	15	41	39	4.35	.04	<10 .63	348	3 <0.01	21	830	12	5	<20	13 .08	<10	119	<10	1	11
214	- L41600 B 40275 M	-	<.2 3.14	10	6	90	<5 .25	<1	18	32	34	3.78	.04	<10 .47	527	2 .01	17	880	12	5	<20	16 .10	<10	83	<10	2	9
215	- L41600 B 40300 M	-	<.2 3.14	15	6	130	<5 .42	<1	22	47	43	4.62	.07	<10 .95	518	2 <0.01	27	810	10	5	<20	20 .10	<10	114	<10	2	9
216	- L41600 B 40325 M	-	<.2 2.29	40	6	110	<5 .34	<1	28	46	47	5.72	.03	<10 .55	621	3 <0.01	31	923	10	5	<20	28 .10	<10	119	<10	<1	13
217	- L41600 B 40350 M	-	<.2 2.82	40	8	110	<5 .35	<1	22	72	42	4.92	.05	<10 1.04	665	3 .01	34	1410	12	5	<20	23 .12	<10	141	<10	3	14
218	- L41600 B 40375 M	-	.2 2.59	15	10	125	<5 1.12	2	24	46	43	3.82	.08	<10 .92	1082	3 <0.01	53	770	10	5	<20	51 .13	<10	79	<10	8	17
219	- L41600 B 40400 M	-	<.2 2.59	15	6	145	<5 .47	<1	20	44	37	4.14	.08	<10 .83	401	2 <0.01	23	768	10	5	<20	24 .11	<10	101	<10	6	10
220	- L41600 B 40425 M	-	<.2 1.87	40	4	205	<5 .26	<1	28	17	69	6.80	.09	<10 .50	816	<1 <0.01	10	780	8	5	<20	15 .03	<10	105	<10	<1	6
221	- L41600 B 40450 M*	-	<.2 1.62	75	2	150	<5 .21	<1	49	2	210	10.70	.09	<10 .42	659	2 <0.01	12	690	12	5	<20	12 <.01	<10	81	<10	<1	8
222	- L41600 B 40475 M	10	.2 3.87	15	6	200	<5 .74	<1	28	31	71	5.43	.08	<10 .68	814	<1 <0.01	25	950	12	5	<20	54 .08	<10	80	<10	17	9
223	- L41600 B 40500 M	10	<.2 2.99	25	8	185	<5 .45	<1	22	50	40	5.22	.08	<10 .89	603	<1 <0.01	26	900	8	5	<20	29 .10	<10	104	<10	2	12
224	- L41600 B 40525 M	<5	<.2 2.87	20	6	150	<5 .55	<1	20	53	32	4.52	.07	<10 .95	415	<1 <0.01	22	590	10	5	<20	23 .13	<10	114	<10	3	8
225	- L41600 B 40550 M	<5	<.2 2.64	35	6	175	<5 .41	<1	27	74	79	5.80	.07	<10 1.16	689	1 <0.01	35	760	14	5	<20	21 .09	<10	124	<10	1	9
226	- L41600 B 40575 M	5	<.2 2.93	20	8	110	<5 .42	<1	37	219	55	5.12	.23	<10 2.84	724	<1 .01	178	630	6	10	<20	17 .11	<10	115	<10	2	6
227	- L41600 B 40600 M	<5	<.2 1.98	10	6	70	<5 .58	<1	12	34	20	3.07	.04	<10 .67	300	<1 .01	14	710	8	5	<20	22 .14	<10	95	<10	5	6
228	- L41600 B 40625 M	<5	<.2 3.41	10	8	150	<5 .83	<1	23	55	52	4.47	.09	<10 1.23	623	<1 .01	28	570	10	5	<20	58 .14	<10	111	<10	12	10
229	- L41600 B 40650 M	<5	.2 3.01	5	8	160	<5 1.12	1	22	43	25	3.59	.08	<10 1.09	751	<1 .01	20	530	14	5	<20	66 .17	<10	84	<10	8	13
230	- L41700 B 39800 M	-	<.2 2.15	25	6	115	<5 .41	<1	22	42	89	4.37	.11	<10 .81	1052	1 <0.01	30	960	8	5	<20	27 .08	<10	97	<10	1	10
231	- L41700 B 39825 M	-	<.2 1.66	20	6	110	<5 .39	<1	15	25	23	3.07	.07	<10 .33	891	1 <0.01	16	840	8	<5	<20	21 .07	<10	77	<10	1	8
232	- L41700 B 39850 M	-	.2 2.30	35	6	105	<5 .29	<1	26	37	31	5.03	.09	<10 .48	700	1 <0.01	19	1310	10	5	<20	23 .07	<10	96	<10	<1	14
233	- L41700 B 39875 M	-	.2 1.76	25	4	75	<5 .13	<1	13	26	53	4.08	.06	<10 .27	264	2 .01	20	1010	8	5	<20	14 .02	<10	70	<10	<1	8
234	- L41700 B 40100 M	-	.2 3.05	30	6	125	<5 .27	<1	21	31	28	5.43	.02	<10 .35	393	2 .01	29	2020	12	<5	<20	22 .16	<10	78	<10	1	19

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BT#	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
235	- L41700 B 40125 N	-	<.2 3.47	25	6	140	<5	.35	<1	21	45	67	4.63	.08	<10	.80	412	1	.01	30	1520	10	5	<20	22	.10	<10	95	<10	2	13
236	- L41700 B 40150 N	-	<.2 2.48	50	6	120	<5	.40	<1	22	35	49	5.21	.04	<10	.49	358	1	<.01	26	1090	14	5	<20	30	.10	<10	109	<10	<1	10
237	- L41700 B 40175 N	-	.2 3.21	30	6	110	<5	.29	<1	19	52	72	5.09	.05	<10	.75	373	2	<.01	33	1570	10	5	<20	24	.08	<10	97	<10	<1	11
238	- L41700 B 40200 N	-	.4 2.21	30	6	125	<5	.29	<1	20	34	82	4.26	.06	<10	.46	1250	1	.01	24	930	10	5	<20	26	.04	<10	93	<10	2	10
239	- L41700 B 40225 N	-	<.2 2.98	30	6	55	<5	.19	<1	18	34	66	5.26	.05	<10	.63	401	1	.01	16	860	14	<5	<20	19	.17	<10	147	<10	4	11
240	- L41700 B 40250 N	-	.2 3.81	45	6	135	<5	.41	<1	27	52	57	5.66	.05	<10	.78	522	4	<.01	46	980	12	5	<20	31	.08	<10	103	<10	<1	13
241	- L41700 B 40275 N	-	.4 2.18	45	8	170	<5	1.07	<1	34	37	109	6.52	.08	<10	.84	1514	7	<.01	27	1000	8	5	<20	59	.06	<10	85	<10	9	9
242	- L41700 B 40300 N	-	<.2 1.55	20	6	70	<5	.34	<1	10	28	22	3.19	.03	<10	.36	293	1	<.01	9	440	10	<5	<20	17	.10	<10	83	<10	2	4
243	- L41700 B 40325 N	-	<.2 2.19	30	6	110	<5	.32	<1	14	44	33	4.26	.04	<10	.66	324	2	<.01	17	550	12	5	<20	18	.11	<10	105	<10	1	7
244	- L41700 B 40350 N	-	.2 2.60	30	6	120	<5	.27	<1	24	56	83	6.10	.05	<10	.60	698	2	<.01	19	790	70	5	<20	17	.08	<10	119	<10	<1	10
245	- L41700 B 40375 N	-	.2 1.95	30	4	100	<5	.27	<1	16	41	36	3.82	.03	<10	.51	285	4	.01	27	740	30	5	<20	17	.10	<10	99	<10	1	11
246	- L41700 B 40400 N	-	.6 3.99	20	6	85	<5	.40	<1	27	33	56	4.89	.05	<10	.53	607	<1	.01	29	1440	22	<5	<20	35	.21	<10	73	<10	7	20
247	- L41700 B 40425 N	-	<.2 1.94	20	4	75	<5	.27	<1	18	32	40	3.99	.04	<10	.54	576	1	.01	19	690	10	5	<20	21	.09	<10	94	<10	<1	11
248	- L41700 B 40450 N	-	<.2 2.58	15	8	90	<5	.41	<1	18	45	24	3.56	.10	<10	.82	448	<1	.01	18	860	10	5	<20	17	.14	<10	102	<10	5	8
249	- L41700 B 40475 N	<5	<.2 2.34	25	6	75	<5	.29	<1	12	41	31	3.72	.06	<10	.59	257	4	.01	17	400	12	5	<20	19	.10	<10	105	<10	2	7
250	- L41700 B 40500 N	<5	.2 1.06	25	6	50	<5	.21	<1	11	19	21	3.27	.04	<10	.18	192	<1	.01	12	860	8	<5	<20	20	.07	<10	67	<10	<1	7
251	- L41700 B 40525 N*	20	.8 2.84	75	6	145	<5	.23	<1	30	38	93	6.58	.06	<10	1.13	1036	1	.01	25	1150	12	5	<20	23	.06	<10	133	<10	<1	17
252	- L41700 B 40550 N	10	.2 2.71	130	6	85	<5	.25	<1	28	38	109	8.56	<.01	<10	.81	537	3	<.01	24	1210	18	5	<20	22	.12	<10	171	<10	<1	11
253	- L41700 B 40575 N	10	<.2 3.07	35	6	105	<5	.28	<1	24	48	54	4.93	.04	<10	.73	291	2	.01	37	940	12	5	<20	15	.12	<10	113	<10	2	14
254	- L41700 B 40600 N	5	<.2 2.28	30	6	90	<5	.40	<1	16	39	27	4.22	.03	<10	.57	261	2	<.01	21	560	14	5	<20	18	.12	<10	112	<10	2	9
255	- L41800 B 39800 N	-	<.2 2.00	25	4	55	<5	.36	<1	14	32	32	3.91	.03	<10	.59	252	1	<.01	16	550	8	5	<20	24	.10	<10	94	<10	1	9
256	- L41800 B 39825 N	-	<.2 2.48	30	8	80	<5	.59	<1	24	51	52	4.55	.04	<10	.86	273	3	<.01	36	580	18	5	<20	33	.11	<10	110	<10	3	11
257	- L41800 B 39850 N	-	<.2 1.97	15	6	75	<5	.31	<1	13	33	18	3.10	.03	<10	.43	219	4	<.01	15	580	12	5	<20	13	.13	<10	93	<10	4	10
258	- L41800 B 39900 N	-	<.2 .88	10	6	35	<5	.17	<1	8	16	8	2.06	.03	<10	.20	181	<1	.01	8	270	4	<5	<20	12	.09	<10	70	<10	1	9
259	- L41800 B 40000 N	-	<.2 2.54	15	6	90	<5	.54	<1	16	38	37	3.79	.04	<10	.78	306	1	<.01	20	590	8	5	<20	32	.10	<10	98	<10	2	8
260	- L41800 B 40025 N	-	<.2 2.41	15	6	155	<5	.77	1	17	45	35	3.76	.06	<10	.81	450	2	<.01	24	460	10	5	<20	44	.11	<10	104	<10	4	8
261	- L41800 B 40050 N	-	.4 2.32	45	6	70	<5	.11	<1	33	19	73	5.86	.01	<10	.21	502	2	.01	39	1410	10	5	<20	13	.09	<10	43	<10	1	10
262	- L41800 B 40075 N	-	<.2 .91	30	6	45	<5	.17	<1	20	19	20	4.07	.01	<10	.14	1693	2	.01	20	680	8	<5	<20	26	.09	<10	59	<10	1	12
263	- L41800 B 40100 N	-	<.2 .95	35	4	80	<5	.13	<1	15	27	59	4.82	.01	<10	.18	340	8	.01	27	470	10	5	<20	22	.08	<10	57	<10	<1	8

PAGE 9

BT#	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
264	L41800 B 40125 N	-	<.2 .98	25	4	55	<5	.13	<1	11	19	36	3.28	.03	<10	.22	211	1	<.01	14	560	6	<5	<20	13	.05	<10	73	<10	<1	51
265	L41800 B 40150 N	-	.2 1.68	30	6	80	<5	.25	<1	13	31	36	4.09	.03	<10	.37	241	2	.01	19	770	10	<5	<20	22	.08	<10	104	<10	<1	63
266	L41800 B 40175 N	-	<.2 1.46	30	6	70	<5	.28	<1	15	26	60	3.74	.04	<10	.39	276	2	.01	23	790	8	5	<20	21	.08	<10	79	<10	<1	66
267	L41800 B 40200 N	-	<.2 2.17	25	4	95	<5	.33	<1	14	31	32	3.68	.03	<10	.52	289	<1	<.01	17	1240	10	5	<20	22	.11	<10	94	<10	2	91
268	L41800 B 40225 N	-	.2 2.07	55	4	130	<5	.35	<1	15	28	80	4.44	.05	<10	.48	315	1	<.01	19	720	12	<5	<20	27	.03	<10	94	<10	<1	84
269	L41800 B 40250 N	-	.2 1.80	15	4	65	<5	.12	<1	8	16	13	2.56	.02	<10	.17	171	<1	.01	7	590	12	<5	<20	11	.10	<10	66	<10	2	62
270	L41800 B 40275 N	-	.4 1.71	25	6	285	<5	.36	<1	16	31	28	3.17	.04	<10	.51	1780	<1	<.01	17	810	8	<5	<20	18	.12	<10	89	<10	3	102
271	L41800 B 40300 N	-	.4 1.12	40	4	145	<5	.15	<1	17	23	52	4.13	.03	<10	.21	470	<1	<.01	19	1040	10	<5	<20	17	.05	<10	84	<10	<1	104
272	L41800 B 40325 N	-	<.2 .84	25	4	195	<5	.23	<1	12	29	39	3.28	.02	<10	.18	391	1	<.01	28	630	8	5	<20	33	.06	<10	82	<10	<1	79
273	L41800 B 40350 N	-	<.2 2.96	35	6	100	<5	.41	<1	19	54	38	4.15	.04	<10	.89	404	1	<.01	29	950	12	5	<20	16	.13	<10	112	<10	2	101
274	L41800 B 40375 N	-	<.2 1.33	40	6	55	<5	.22	<1	12	44	14	3.35	.02	<10	.52	228	<1	.01	14	820	8	<5	<20	15	.12	<10	112	<10	2	71
275	L41800 B 40400 N	-	<.2 1.67	35	8	60	<5	.24	<1	15	43	17	3.70	.02	<10	.55	299	1	.01	18	730	12	<5	<20	15	.13	<10	109	<10	2	104
276	L41800 B 40425 N	-	<.2 1.61	20	6	45	<5	.20	1	12	27	15	2.85	.02	<10	.28	273	1	.01	10	530	10	<5	<20	9	.11	<10	89	<10	2	84
277	L41800 B 40450 N	-	<.2 1.90	40	6	65	<5	.25	1	15	44	39	4.08	.01	<10	.67	252	14	<.01	29	800	12	5	<20	14	.10	<10	138	<10	3	155
278	L41800 B 40475 N	<5	<.2 2.00	45	8	95	<5	.44	1	19	33	33	3.83	.03	<10	.66	390	7	<.01	28	960	14	5	<20	14	.11	<10	91	<10	3	151
279	L41800 B 40500 N	<5	<.2 2.13	25	8	75	<5	.46	<1	15	36	32	3.60	.04	<10	.71	358	1	<.01	16	1080	12	5	<20	16	.13	<10	98	<10	4	76
280	L41800 B 40525 N	<5	<.2 1.91	25	8	60	<5	.60	<1	11	31	15	3.03	.03	<10	.55	213	<1	<.01	12	900	12	<5	<20	30	.12	<10	88	<10	3	56
281	L41800 B 40550 N	<5	<.2 1.21	20	6	45	<5	.25	<1	8	21	8	2.30	.02	<10	.29	157	<1	<.01	7	330	12	<5	<20	10	.11	<10	82	<10	3	33
282	L41800 B 40575 N	<5	<.2 1.04	20	4	40	<5	.28	<1	8	17	13	2.79	.02	<10	.23	164	1	<.01	6	440	10	<5	<20	16	.11	<10	106	<10	1	38
283	L41800 B 40600 N	<5	<.2 2.14	20	8	55	<5	.31	<1	12	31	20	3.22	.03	<10	.56	228	<1	<.01	12	530	14	5	<20	11	.12	<10	96	<10	3	50
284	L41800 B 40625 N	<5	<.2 2.83	30	6	90	<5	.30	<1	20	35	41	5.31	.04	<10	.77	591	<1	<.01	13	530	12	5	<20	17	.12	<10	138	<10	1	72
285	L41800 B 40650 N	<5	<.2 2.18	25	6	75	<5	.34	<1	12	35	19	3.05	.02	<10	.59	200	1	<.01	14	270	14	5	<20	16	.13	<10	83	<10	4	64
286	L41900 B 39800 N	-	.2 1.50	35	4	80	<5	.18	<1	21	21	50	4.42	.04	<10	.29	198	11	<.01	17	900	14	<5	<20	15	.04	<10	63	<10	<1	93
287	L41900 B 39825 N	-	.2 1.97	30	6	95	<5	.52	<1	20	41	78	4.13	.06	<10	.72	787	1	<.01	25	880	8	5	<20	32	.05	<10	83	<10	<1	93
288	L41900 B 39850 N	-	.4 1.58	35	4	125	<5	.46	<1	27	32	120	4.43	.06	<10	.53	1102	<1	<.01	30	890	12	5	<20	34	.05	<10	64	<10	<1	133
289	L41900 B 39875 N	-	<.2 1.04	15	6	70	<5	.34	<1	11	17	12	2.29	.05	<10	.24	551	<1	.01	9	390	6	<5	<20	20	.07	<10	69	<10	1	64
290	L41900 B 39900 N	-	<.2 1.52	20	4	70	<5	.17	<1	13	32	16	3.24	.03	<10	.38	282	<1	.01	15	450	8	<5	<20	14	.06	<10	90	<10	<1	87

PAGE 10

BT#	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
291	L41900 B 39925 N	-	.2 3.65	30	6	100	<5	.29	<1	25	47	56	5.18	.05	<10	.66	469	1	.01	28	2100	16	5	<20	18	.09	<10	96	<10	1	10
292	L41900 B 39950 N	-	<.2 2.38	40	6	95	<5	.35	<1	19	38	45	5.25	.08	<10	.65	401	1	<.01	25	1770	14	5	<20	25	.10	<10	107	<10	<1	17
293	L41900 B 39975 N	-	.2 3.16	15	8	70	<5	.37	<1	18	18	22	3.55	.03	<10	.23	287	<1	.01	16	1280	12	5	<20	34	.10	<10	49	<10	2	6
294	L41900 B 40000 N	-	<.2 2.19	25	6	95	<5	.39	<1	17	31	38	4.01	.05	<10	.62	308	1	<.01	21	800	10	5	<20	24	.09	<10	85	<10	1	9
295	L41900 B 40025 N	-	.2 1.54	25	4	75	<5	.16	<1	11	22	28	3.17	.04	<10	.26	185	1	.01	13	930	8	<5	<20	18	.04	<10	72	<10	<1	0
296	L41900 B 40050 N	-	.2 1.77	30	6	85	<5	.31	<1	16	35	44	4.04	.04	<10	.53	305	2	.01	25	1650	10	<5	<20	23	.10	<10	83	<10	1	9
297	L41900 B 40075 N	-	<.2 1.29	20	4	60	<5	.16	<1	9	21	13	2.83	.02	<10	.23	188	1	.01	10	430	12	<5	<20	17	.10	<10	74	<10	1	0
298	L41900 B 40100 N	-	.2 3.01	25	6	135	<5	.32	<1	19	34	45	4.22	.05	<10	.50	245	1	.01	29	1780	12	5	<20	23	.10	<10	76	<10	1	8
299	L41900 B 40125 N	-	.4 2.69	55	6	265	<5	.25	<1	29	25	96	7.22	.03	<10	.34	887	2	.01	31	1850	18	5	<20	51	.10	<10	101	<10	<1	17
300	L41900 B 40150 N	-	<.2 2.59	20	6	110	<5	.31	<1	16	26	22	3.56	.03	<10	.24	306	<1	.01	13	1560	12	<5	<20	28	.09	<10	67	<10	1	9
301	L41900 B 40175 N	-	.2 1.58	35	4	155	<5	.20	<1	17	28	77	4.68	.05	<10	.30	756	1	<.01	26	690	10	<5	<20	37	.04	<10	104	<10	<1	18
302	L41900 B 40200 N	-	.2 2.13	35	6	90	<5	.24	<1	18	36	53	4.73	.03	<10	.51	276	2	.01	23	620	12	5	<20	19	.06	<10	98	<10	<1	8
303	L41900 B 40225 N	-	.2 1.10	40	6	60	<5	.22	<1	18	25	52	4.90	.02	<10	.23	266	1	.01	23	860	10	<5	<20	22	.06	<10	80	<10	<1	7
304	L41900 B 40250 N	-	.2 .99	20	4	100	<5	.10	<1	11	14	27	3.31	.04	<10	.16	203	<1	.01	12	489	6	<5	<20	11	.05	<10	71	<10	<1	9
305	L41900 B 40275 N	-	1.6 3.26	<5	6	145	<5	.26	<1	21	33	43	6.14	.04	<10	.32	303	1	.01	27	1810	12	<5	<20	20	.11	<10	76	<10	2	13
306	L41900 B 40300 N	-	1.0 2.17	15	4	145	<5	.28	<1	21	32	98	7.04	.04	<10	.43	658	2	<.01	34	2040	8	<5	<20	27	.03	<10	85	<10	<1	9
307	L41900 B 40325 N	-	<.2 2.89	<5	6	100	<5	.36	<1	19	44	39	5.73	.05	<10	.72	698	2	<.01	21	1330	8	<5	<20	16	.11	<10	100	<10	2	10
308	L41900 B 40350 N	-	<.2 1.91	<5	6	75	<5	.42	<1	16	35	19	4.01	.05	<10	.59	472	<1	<.01	15	1410	12	<5	<20	13	.13	<10	91	<10	5	6
309	L41900 B 40375 N	-	<.2 2.03	20	4	85	<5	.35	<1	18	39	24	4.66	.02	<10	.45	591	3	<.01	18	660	12	<5	<20	15	.12	<10	105	<10	3	8
310	L41900 B 40400 N	-	<.2 3.54	<5	6	100	<5	.35	2	22	56	24	5.95	.05	<10	.75	466	2	<.01	25	1220	12	<5	<20	15	.15	<10	121	<10	3	20
311	L41900 B 40425 N	-	<.2 2.88	<5	6	90	<5	.62	<1	22	50	43	5.02	.07	<10	1.16	525	1	<.01	25	600	8	5	<20	27	.15	<10	110	<10	7	1
312	L41900 B 40450 N	-	<.2 3.34	<5	6	95	<5	1.04	1	17	43	26	4.45	.05	<10	.76	244	2	<.01	20	390	10	5	<20	72	.11	<10	90	<10	7	0
313	L42000 B 39800 N	-	<.2 1.65	20	4	65	<5	.17	<1	13	20	9	5.46	.03	<10	.25	187	3	.01	9	1190	14	<5	<20	15	.24	<10	76	<10	6	7
314	L42000 B 39950 N	-	<.2 2.17	5	4	130	<5	.29	<1	20	16	32	5.52	.03	<10	.36	600	<1	.01	11	1190	10	<5	<20	22	.10	<10	82	<10	2	1
315	L42000 B 39975 N	-	<.2 2.14	5	4	185	<5	.29	<1	24	33	48	6.10	.06	<10	.47	998	1	.01	21	1000	8	<5	<20	21	.06	<10	93	<10	<1	1
316	L42000 B 40000 N*	-	<.2 2.00	5	4	95	<5	.29	<1	21	35	72	5.46	.07	<10	.69	607	1	<.01	24	990	6	<5	<20	16	.07	<10	86	<10	<1	1
317	L42000 B 40025 N	-	<.2 1.90	5	4	100	<5	.14	<1	16	27	39	5.08	.05	<10	.36	268	1	.01	19	1370	6	<5	<20	13	.08	<10	70	<10	1	10
318	L42000 B 40050 N	-	<.2 1.90	5	4	95	<5	.19	<1	14	26	35	4.70	.06	<10	.41	275	1	<.01	18	1220	6	<5	<20	17	.06	<10	75	<10	<1	9
319	L42000 B 40075 N	-	<.2 2.32	<5	4	75	<5	.17	<1	11	24	21	4.21	.04	<10	.29	237	1	.01	11	1460	10	<5	<20	14	.09	<10	74	<10	2	10

ECO-TECH LABORATORIES LTD.

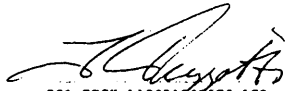
PLACER DOME INC. - ETK91- 434

PAGE 11

BT#	DESCRIPTION	AU(ddd)	AG AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SH	SR	TI(%)	U	V	W	Y	ZI
320	- L42000 B 40100 M	-	<.2 1.96	<5	4	55	<5	.18	<1	11	28	10	4.46	.04	<10	.28	201	1	.01	8	1570	12	<5	<20	15	.17	<10	89	<10	4	10
321	- L42000 B 40125 M	-	<.2 1.88	5	4	110	<5	.22	<1	15	28	28	4.85	.04	<10	.43	246	1	<.01	23	570	8	<5	<20	19	.08	<10	92	<10	1	9
322	- L42000 B 40150 M	-	<.2 1.80	15	4	35	<5	.09	<1	13	20	8	4.63	.01	<10	.19	190	4	.01	15	430	10	<5	<20	13	.08	<10	71	<10	<1	5
323	- L42000 B 40175 M	-	<.2 2.26	<5	4	110	<5	.21	<1	20	27	30	5.30	.08	<10	.39	867	1	.01	18	760	10	<5	<20	20	.12	<10	94	<10	2	15
324	- L42000 B 40200 M	-	<.2 2.14	15	4	60	<5	.18	<1	24	35	43	8.31	.08	<10	.55	431	1	<.01	14	780	8	<5	<20	14	.09	<10	205	<10	<1	9
325	- L42000 B 40225 M	-	<.2 1.77	20	4	90	<5	.29	<1	25	30	42	6.88	.03	<10	.32	967	3	.01	33	930	10	<5	<20	30	.09	<10	98	<10	<1	14
326	- L42000 B 40250 M	-	<.2 3.01	10	6	110	<5	.31	<1	21	43	51	6.76	.06	<10	.82	463	2	<.01	27	1000	8	5	<20	17	.09	<10	106	<10	1	15
327	- L42000 B 40275 M	-	.2 1.75	10	2	165	<5	.24	<1	12	27	51	4.73	.06	<10	.34	389	2	<.01	16	790	6	<5	<20	18	.03	<10	76	<10	<1	77
328	- L42000 B 40300 M	-	<.2 2.12	<5	4	95	<5	.32	<1	14	32	17	4.40	.04	<10	.48	262	2	<.01	14	720	8	<5	<20	17	.10	<10	90	<10	2	94
329	- L42000 B 40325 M	-	.6 2.21	<5	4	155	<5	.15	<1	12	24	34	4.13	.04	<10	.27	364	2	.01	17	1560	8	<5	<20	16	.05	<10	61	<10	<1	87
330	- L42000 B 40350 M*	-	<.2 1.91	20	4	90	<5	.31	<1	19	63	98	7.07	.04	<10	.70	374	3	<.01	41	2050	10	5	<20	13	.04	<10	85	<10	2	118
331	- L42000 B 40375 M	-	<.2 3.46	60	6	85	<5	.21	1	40	61	197	14.74	.03	<10	1.14	521	24	<.01	48	2380	26	10	<20	12	.08	10	170	<10	<1	197
332	- L42000 B 40400 M	-	.6 3.16	<5	6	175	<5	.24	2	19	57	45	5.58	.05	<10	.69	297	21	.01	47	1830	12	5	<20	16	.10	<10	134	<10	4	30
333	- L42000 B 40425 M	-	.2 2.67	<5	6	75	<5	.37	1	20	47	28	5.36	.06	<10	.77	402	7	<.01	21	820	10	5	<20	14	.12	<10	120	<10	3	136
334	- L42000 B 40450 M	-	.2 3.47	<5	6	125	<5	.94	1	20	41	19	4.58	.07	<10	.75	706	6	<.01	27	730	12	<5	<20	60	.14	<10	77	<10	7	12

NOTE: < = LESS THAN
* = TO - 42 MESH

SC91/PLACER


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 FRANK J. PEZZOTTI, A.Sc.T
 B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

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

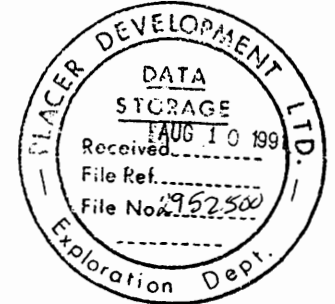
PLACER DOME INC. - ETK91- 451

401, 1540 PARSON PLACE
 KAMLOOPS, B.C.
 VIS 1J9

AUGUST 7, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: V269
 434 SOIL SAMPLES RECEIVED JULY 10, 1991



ST#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SM	SR	TI(%)	U	V	W	Y	ZN
1 -	L 38700 B 40000 N	<.2	1.17	10	8	95	<5	.27	<1	24	27	74	6.23	<.01	<10	.40	467	11	.01	15	940	44	5	<20	9	.15	<10	165	<10	2	94
2 -	L 38700 B 40025 N *	<.2	2.34	10	10	65	<5	.46	<1	24	94	77	5.55	.17	<10	1.73	396	4	.02	39	1050	32	5	<20	9	.25	<10	163	<10	5	82
3 -	L 38700 B 40050 N *	.4	1.91	5	8	45	<5	.27	<1	21	69	45	4.29	.13	<10	1.40	469	2	.03	19	820	26	10	<20	8	.24	<10	129	<10	6	56
4 -	L 38700 B 40075 N *	<.2	1.84	10	8	40	<5	.55	<1	18	43	104	4.73	.18	<10	1.33	259	4	.01	13	1150	28	10	<20	8	.29	<10	161	<10	11	49
5 -	L 38700 B 40100 N	.4	.71	5	8	40	<5	.26	<1	11	19	25	3.28	.03	<10	.33	877	2	.01	5	760	12	5	<20	7	.17	<10	124	<10	3	32
6 -	L 38700 B 40125 N	<.2	1.77	15	10	85	<5	1.14	<1	22	31	135	4.77	.15	<10	1.34	505	3	<.01	12	1300	58	10	<20	15	.17	<10	149	<10	6	78
7 -	L 38700 B 40150 N	<.2	1.39	5	8	65	<5	.48	<1	17	48	46	3.56	.14	<10	1.24	283	2	.02	17	640	36	5	<20	10	.21	<10	127	<10	7	85
8 -	L 38700 B 40175 N	.8	2.36	10	8	90	<5	.38	<1	26	41	66	4.50	.12	<10	1.13	248	3	.01	17	660	54	5	<20	12	.16	<10	121	<10	3	170
9 -	L 38700 B 40250 N	<.2	2.20	5	10	70	<5	.75	<1	20	47	66	3.90	.30	<10	1.61	303	4	.02	17	600	12	5	<20	17	.19	<10	119	<10	7	86
10 -	L 38700 B 40275 N	<.2	1.39	30	12	95	<5	.16	<1	15	30	80	5.22	.22	<10	1.00	228	19	.02	8	510	30	5	<20	8	.12	<10	146	<10	<1	55
11 -	L 38700 B 40300 N	1.0	2.49	10	8	90	<5	.87	<1	18	33	91	3.99	.09	<10	1.04	265	10	.01	19	510	18	5	<20	25	.17	<10	106	<10	9	77
12 -	L 38700 B 40325 N *	.4	2.63	<5	8	90	<5	1.07	<1	22	41	144	4.23	.22	<10	1.44	529	3	<.01	27	490	10	5	<20	18	.12	<10	126	<10	11	85
13 -	L 38700 B 40350 N *	.2	2.00	15	10	75	<5	.73	<1	18	35	138	3.23	.05	<10	.87	1126	14	.02	23	510	22	5	<20	26	.14	<10	92	<10	11	98
14 -	L 38700 B 40375 N	<.2	1.70	5	10	60	<5	.47	<1	20	34	130	3.85	.22	<10	1.47	404	3	.03	13	540	26	10	<20	11	.24	<10	117	<10	11	80
15 -	L 38700 B 40400 N	.4	2.26	10	8	60	<5	.28	<1	19	28	245	4.38	.08	<10	1.24	425	3	.02	10	1370	50	10	<20	9	.20	<10	110	<10	5	123
16 -	L 38700 B 40425 N	<.2	2.29	5	10	65	<5	.42	<1	21	37	47	4.07	.37	<10	1.69	395	1	.02	15	910	20	5	<20	10	.23	<10	125	<10	9	132
17 -	L 38700 B 40450 N	.2	1.13	10	8	65	<5	.30	<1	15	24	41	3.45	.05	<10	.52	583	4	.01	9	690	54	5	<20	12	.16	<10	114	<10	4	80
18 -	L 39700 B 40200 N	2.2	2.44	15	14	140	<5	1.96	2	14	42	413	2.88	.07	10	.73	786	5	.01	42	1180	14	5	<20	82	.06	<10	57	<10	19	100
19 -	L 39700 B 40250 N *	.4	2.28	20	12	120	<5	1.64	<1	23	62	102	3.73	.13	10	1.09	814	7	<.01	33	620	14	5	<20	62	.11	<10	95	<10	13	79
20 -	L 39700 B 40275 N	.2	2.10	5	10	105	<5	.84	1	18	39	56	3.03	.08	<10	.61	477	2	.01	24	430	14	5	<20	35	.14	<10	87	<10	7	87
21 -	L 39700 B 40300 N *	<.2	1.60	10	6	75	<5	.86	<1	16	34	32	3.35	.10	<10	.74	303	1	<.01	16	490	14	5	<20	23	.19	<10	116	<10	6	73
22 -	L 39700 B 40325 N	<.2	2.16	10	8	65	<5	1.01	<1	18	41	33	3.64	.16	<10	1.10	336	1	<.01	15	1120	58	10	<20	24	.23	<10	130	<10	8	87
23 -	L 39700 B 40350 N	<.2	2.00	5	8	70	<5	.71	<1	17	41	25	3.51	.07	<10	.90	376	1	<.01	15	810	14	5	<20	23	.18	<10	109	<10	5	72
24 -	L 39700 B 40375 N	<.2	2.50	15	10	55	<5	.71	<1	24	47	30	4.02	.08	<10	1.08	341	<1	<.01	24	1180	16	5	<20	20	.18	<10	112	<10	5	87
25 -	L 39700 B 40400 N	<.2	1.23	5	8	70	<5	.60	<1	12	23	24	2.87	.08	<10	.46	220	2	<.01	8	480	16	5	<20	17	.20	<10	110	<10	7	41
26 -	L 39700 B 40425 N	<.2	1.20	<5	8	110	<5	.55	<1	16	32	24	2.66	.27	<10	.85	303	<1	.02	7	430	18	5	<20	19	.23	<10	100	<10	9	47

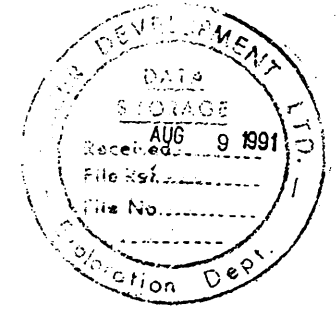
ECO-TECH LABORATORIES LTD.

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

AUGUST 7, 1991

PLACER DOME INC. - ETK91-466

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



VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PROJECT: BOGG
 50 SOIL SAMPLES RECEIVED JULY 16, 1991

BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	CU	PR(%)	K(%)	LA MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SM	SR TI(%)	U	V	W	Y	ZN	
1	AB 027 B	10	.6 2.24	25	6	80 < 5	.16	<1	16	38	25	3.88	.02	<10	.40	744	2	<.01	22	1070	8	5 < 20	12	.06	<10	59	<10	<1	103
2	AB 080 B	10	<.2 3.44	10	10	95 < 5	.41	<1	34	22	26	4.98	.18	<10	.92	402	2	.02	18	2950	14	5 < 20	26	.24	<10	104	<10	7	198
3	AB 136 B	<5	<.2 2.78	5	8	70 < 5	.62	<1	21	36	39	4.05	.05	<10	.86	1050	<1	<.01	20	540	10	10 < 20	22	.17	<10	126	<10	6	68
4	KB 130 B 960 M	15	.2 2.54	25	8	130 < 5	.27	<1	24	71	70	4.07	.04	10	1.12	513	1	<.01	66	1000	10	15 < 20	20	.07	<10	69	<10	1	170
5	KB 231 B	5	<.2 2.93	15	8	80 < 5	.36	<1	15	30	33	4.78	.03	<10	.63	349	1	.01	15	810	14	5 < 20	102	.19	<10	135	<10	4	86
6	L 38200 B 39100 M	30	<.2 2.05	10	6	120 < 5	.36	<1	19	22	53	4.12	.05	<10	.65	475	1	.01	13	760	14	5 < 20	33	.12	<10	115	<10	3	94
7	L 38400 B 39100 M	245	.6 2.83	<5	8	350 < 5	.16	<1	12	21	19	2.58	.05	<10	.36	339	1	<.01	20	680	20	5 < 20	61	.07	<10	49	<10	1	58
8	L 38400 B 40000 M	10	<.2 1.89	15	8	35 < 5	.29	<1	17	29	88	4.70	.08	<10	1.30	229	2	.01	13	960	20	10 < 20	14	.16	<10	145	<10	4	49
9	L 38600 B 39100 M	45	<.2 2.13	5	6	355 < 5	.41	<1	11	31	43	3.07	.05	10	.51	170	1	<.01	15	240	22	<5 < 20	38	.10	<10	87	<10	11	51
10	L 38600 B 40175 M	20	<.2 2.28	30	8	70 < 5	.20	<1	26	28	125	6.33	.07	<10	1.14	457	4	<.01	13	780	156	5 < 20	8	.24	<10	181	<10	9	96
11	L 38800 B 39150 M	25	<.2 2.85	<5	8	365 < 5	.21	<1	11	27	20	2.94	.05	<10	.47	226	2	.01	13	610	18	5 < 20	94	.12	<10	70	<10	3	69
12	L 39000 B 39825 M	<5	1.4 2.87	<5	10	125 < 5	1.34	1	12	35	106	2.87	.09	10	.65	456	10	<.01	27	540	18	5 < 20	44	.10	<10	55	<10	10	72
13	L 39100 B 40000 M	5	1.0 2.98	5	12	185 < 5	1.02	2	22	82	528	4.00	.16	10	1.17	1052	8	<.01	80	590	46	10 < 20	49	.13	<10	98	<10	21	122
14	L 39200 B 39925 M	25	.6 2.76	5	10	185 < 5	.89	1	22	50	146	3.86	.10	10	1.09	885	8	<.01	35	500	28	10 < 20	28	.14	<10	99	<10	10	99
15	L 39300 B 39850 M	5	.8 2.50	5	10	75 < 5	.43	<1	21	41	60	3.56	.07	10	.74	339	3	.01	23	570	20	5 < 20	14	.16	<10	90	<10	7	94
16	L 39400 B 40100 M	<5	<.2 2.59	15	12	105 < 5	.47	<1	28	54	112	4.55	.07	10	1.01	422	5	<.01	29	560	62	10 < 20	24	.18	<10	103	<10	8	172
17	L 39600 B 39675 M	5	<.2 1.93	15	10	120 < 5	.82	<1	24	54	126	3.93	.21	10	1.29	857	3	.01	30	960	22	10 < 20	33	.13	<10	108	<10	11	85
18	L 39600 B 40380 M	<5	<.2 1.75	10	8	65 < 5	.62	<1	13	32	21	3.02	.08	<10	.73	263	3	<.01	11	530	10	5 < 20	19	.19	<10	96	<10	8	75
19	L 39700 B 39725 M	15	.2 2.46	25	8	885 < 5	.68	<1	32	41	127	6.57	.09	10	1.09	1291	4	<.01	29	1110	20	10 < 20	44	.04	<10	99	<10	2	104
20	L 39800 B 40000 M	10	<.2 2.16	10	8	100 < 5	.54	<1	16	45	62	3.22	.07	10	.99	442	1	<.01	22	480	12	10 < 20	22	.14	<10	92	<10	9	74
21	L 39800 B 40100 M	5	<.2 2.76	15	10	95 < 5	.47	<1	21	40	61	4.18	.05	10	.62	567	4	<.01	23	730	22	10 < 20	17	.15	<10	109	<10	6	105
22	L 40000 B 39675 M	<5	<.2 2.66	10	8	95 < 5	.45	<1	21	39	59	4.04	.05	10	.60	549	4	<.01	22	720	22	5 < 20	17	.14	<10	105	<10	5	101
23	L 40000 B 40350 M	10	<.2 2.03	15	8	130 < 5	.45	<1	16	45	36	4.05	.07	<10	.93	373	1	<.01	20	660	14	5 < 20	18	.11	<10	99	<10	3	84
24	L 40100 B 40150 M	<5	<.2 2.09	10	10	65 < 5	.81	<1	24	53	88	3.71	.19	10	1.25	646	1	<.01	31	1020	14	10 < 20	27	.17	<10	102	<10	11	77
25	L 40200 B 39700 M	<5	<.2 .98	<5	6	60 < 5	.33	<1	5	17	9	1.48	.03	<10	.21	86	5	<.01	5	220	12	<5 < 20	18	.12	<10	67	<10	5	33
26	L 40300 B 40425 M	5	<.2 2.14	5	10	80 < 5	.59	<1	17	37	51	3.62	.13	<10	.98	392	2	<.01	17	970	30	10 < 20	18	.17	<10	110	<10	6	100

PAGE 6

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SM	SR	TI(%)	U	V	W	Y	ZN
171 -	L 40300 B 39925 N	<.2	2.42	<5	14	65	<5	.77	<1	19	41	51	4.12	.10	20	.99	356	2	<.01	21	1240	32	5	<20	20	.20	<10	122	<10	8	105
172 -	L 40300 B 39950 N *	<.2	1.52	5	10	40	<5	.46	<1	11	22	22	3.06	.05	10	.41	182	1	.01	9	1350	26	5	<20	18	.15	<10	89	<10	5	45
173 -	L 40300 B 39975 N	<.2	1.86	5	10	75	<5	.54	<1	15	34	30	3.48	.07	20	.68	267	2	.01	16	910	22	10	<20	19	.20	<10	113	<10	8	101
174 -	L 40300 B 40000 N	<.2	1.11	5	8	50	<5	.22	1	9	21	11	2.38	.03	10	.24	150	<1	.01	7	1310	12	<5	<20	11	.14	<10	74	<10	4	81
175 -	L 40300 B 40025 N	<.2	2.62	<5	12	105	<5	.59	<1	22	49	75	3.96	.10	30	1.06	660	1	<.01	27	800	22	10	<20	22	.19	<10	110	<10	10	147
176 -	L 40300 B 40050 N	<.2	2.48	10	12	105	<5	.65	<1	19	45	56	4.27	.08	30	1.01	400	1	.01	23	850	20	10	<20	24	.20	<10	126	<10	11	107
177 -	L 40300 B 40075 N	<.2	2.67	5	12	75	<5	.78	<1	20	49	63	4.47	.10	30	1.19	410	1	.01	20	1120	30	10	<20	25	.21	<10	136	<10	8	81
178 -	L 40300 B 40100 N	<.2	2.66	5	14	75	<5	.58	<1	20	47	71	4.39	.09	30	.85	357	3	<.01	23	930	34	10	<20	21	.19	<10	121	<10	12	113
179 -	L 40300 B 40125 N	<.2	2.68	10	12	100	<5	.61	<1	19	49	53	4.90	.09	30	.98	344	1	<.01	22	1850	28	10	<20	20	.20	<10	133	<10	6	127
180 -	L 40300 B 40150 N	<.2	2.93	5	14	100	<5	.63	<1	27	50	82	4.36	.11	30	1.06	443	2	.01	29	1330	36	10	<20	21	.19	<10	113	<10	9	143
181 -	L 40300 B 40175 N	<.2	2.58	10	14	55	<5	.68	<1	24	46	51	3.98	.08	20	1.12	464	1	<.01	24	1240	20	10	<20	21	.17	<10	114	<10	7	90
182 -	L 40300 B 40200 N	<.2	2.75	15	14	100	<5	.58	<1	24	52	57	4.16	.08	30	1.08	480	1	<.01	27	1100	26	10	<20	20	.18	<10	116	<10	7	115
183 -	L 40300 B 40225 N	.2	3.55	5	24	180	<5	1.40	1	27	56	102	4.60	.07	30	.85	743	8	<.01	39	580	46	10	<20	35	.16	<10	99	10	13	149
184 -	L 40300 B 40250 N	<.2	3.45	5	16	190	<5	1.13	1	28	51	68	4.52	.10	30	1.30	477	2	<.01	33	350	32	15	<20	34	.23	<10	112	<10	12	149
185 -	L 40300 B 40275 N	<.2	4.07	10	12	175	<5	.59	1	33	59	82	5.51	.08	30	.97	381	5	.01	48	430	48	10	<20	30	.21	<10	120	<10	7	218
186 -	L 40300 B 40300 N	.8	3.26	25	14	145	<5	1.55	2	38	60	200	5.91	.20	50	1.16	1351	8	<.01	44	620	38	10	<20	46	.16	<10	139	<10	19	142
187 -	L 40300 B 40325 N	.8	3.93	10	16	165	<5	1.31	1	30	65	138	5.31	.15	40	.99	1098	5	<.01	54	710	42	10	<20	47	.16	<10	115	<10	12	171
188 -	L 40300 B 40350 N	.6	4.06	5	12	190	<5	1.18	1	29	67	148	5.21	.16	40	1.08	1013	6	<.01	56	550	40	10	<20	48	.16	<10	115	<10	12	131
189 -	L 40300 B 40375 N	<.2	2.52	5	12	85	<5	.87	<1	27	51	70	4.02	.10	30	1.21	486	2	<.01	28	460	26	10	<20	30	.19	<10	111	<10	11	94
190 -	L 40300 B 40400 N	<.2	2.27	5	12	75	<5	.84	<1	19	47	47	3.90	.09	30	1.12	470	2	<.01	21	690	42	10	<20	28	.20	<10	124	<10	10	106
191 -	L 40300 B 40425 N	<.2	2.42	10	14	55	<5	.75	1	23	46	53	3.64	.13	10	.97	370	1	<.01	25	1190	26	5	<20	23	.17	<10	105	<10	7	102
192 -	L 40300 B 40450 N	<.2	2.32	15	14	55	<5	.79	<1	22	48	60	3.83	.13	10	1.15	418	3	<.01	23	970	28	10	<20	27	.19	<10	116	<10	9	90
193 -	L 40400 B 39825 N	<.2	1.87	<5	12	55	<5	.60	<1	18	36	20	3.08	.06	20	.65	271	1	.01	13	860	20	5	<20	19	.17	<10	102	<10	9	73
194 -	L 40400 B 39850 N	<.2	2.16	5	14	85	<5	.75	1	20	42	33	3.52	.09	20	.90	495	1	<.01	19	1240	22	10	<20	29	.16	<10	104	<10	7	85
195 -	L 40400 B 39875 N	<.2	1.86	<5	10	80	<5	.76	<1	24	41	50	3.22	.13	20	.99	706	2	<.01	19	790	26	<5	<20	24	.17	<10	98	<10	9	86
196 -	L 40400 B 39900 N	<.2	2.03	10	12	50	<5	.85	<1	18	39	46	3.40	.10	10	1.06	486	2	<.01	21	780	20	10	<20	27	.19	<10	109	<10	10	84
197 -	L 40400 B 39925 N *	<.2	2.28	10	10	70	<5	.58	<1	16	34	27	3.59	.06	<10	.61	395	1	<.01	15	2620	24	5	<20	21	.15	<10	103	<10	5	128
198 -	L 40400 B 39950 N	<.2	2.65	5	12	85	<5	.77	1	24	48	60	4.21	.09	30	1.15	397	1	<.01	27	590	38	15	<20	26	.21	<10	123	<10	8	151
199 -	L 40400 B 39975 N **	<.2	2.15	15	12	75	<5	.77	<1	18	41	44	3.75	.09	20	.98	335	1	<.01	20	640	40	10	<20	25	.19	<10	113	<10	9	89
200 -	L 40400 B 40000 N	<.2	2.35	10	12	90	<5	.87	<1	26	51	121	3.95	.12	30	1.27	619	3	<.01	29	360	50	15	<20	30	.20	<10	112	<10	14	80
201 -	L 40400 B 40025 N	<.2	2.21	10	12	105	<5	.47	1	19	49	70	4.28	.09	30	.79	330	2	.01	26	1130	28	10	<20	17	.19	<10	119	<10	7	136
202 -	L 40400 B 40050 N	<.2	2.00	10	8	105	<5	.44	<1	17	34	35	3.68	.11	20	.48	249	1	.01	17	740	36	5	<20	14	.18	<10	108	<10	6	116

ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK91- 451

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RT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MM	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
203	L 40400 B 40075 N	.8	1.24	10	8	95	<5	.44	<1	16	16	122	2.59	.21	<10	.62	635	<1	.01	9	590	34	5	<20	22	.17	<10	81	<10	8	125
204	L 40400 B 40100 N	<.2	1.69	5	10	70	<5	.53	1	13	29	18	3.14	.09	20	.66	219	1	<.01	15	910	54	10	<20	17	.23	<10	116	<10	9	113
205	L 40400 B 40125 N	<.2	.78	5	8	55	<5	.26	1	9	17	21	1.98	.07	10	.27	266	2	.01	7	670	46	<5	<20	13	.14	<10	63	<10	5	123
206	L 40400 B 40150 N	<.2	2.92	<5	12	80	<5	.48	<1	16	39	23	3.23	.05	20	.66	291	2	.01	14	1010	20	10	<20	14	.15	<10	79	<10	7	100
207	L 40400 B 40175 N	<.2	2.49	5	12	110	<5	1.05	<1	25	57	90	4.31	.12	30	1.22	1336	7	<.01	32	830	22	15	<20	32	.14	<10	113	<10	14	94
208	L 40400 B 40200 N	.2	1.92	15	12	80	<5	1.29	1	20	46	80	3.61	.11	10	1.03	1108	6	<.01	25	960	14	5	<20	39	.10	<10	91	<10	11	93
209	L 40400 B 40225 N	.2	2.49	15	14	105	<5	1.15	1	27	59	114	4.51	.12	40	1.28	1306	9	<.01	33	1090	24	15	<20	36	.13	<10	110	<10	15	112
210	L 40400 B 40250 N	2.6	3.15	20	10	130	<5	1.49	2	19	65	332	4.35	.15	50	1.03	704	6	<.01	46	800	44	5	<20	54	.05	<10	84	<10	59	133
211	L 40400 B 40275 N	<.2	3.27	5	12	85	<5	.64	1	22	44	48	4.37	.09	30	.99	443	1	.01	25	1800	48	15	<20	20	.20	<10	105	<10	7	176
212	L 40400 B 40300 N	<.2	2.54	5	14	85	<5	.60	1	22	41	49	4.73	.11	30	1.16	379	3	.01	21	1580	42	10	<20	21	.21	<10	133	<10	7	234
213	L 40400 B 40325 N	<.2	2.53	<5	10	75	<5	.94	1	24	49	104	3.97	.13	30	1.28	531	3	<.01	28	530	58	15	<20	27	.19	<10	121	<10	12	128
214	L 40400 B 40350 N	<.2	2.16	5	12	90	<5	.95	1	22	46	93	3.67	.11	30	1.16	881	3	<.01	22	690	34	10	<20	28	.18	<10	113	<10	15	101
215	L 40400 B 40375 N	<.2	2.97	15	10	95	<5	.64	<1	20	44	94	4.21	.10	10	.90	363	2	.01	29	870	30	5	<20	26	.19	<10	112	<10	10	154
216	L 40400 B 40400 N	<.2	2.15	10	8	90	<5	.60	<1	17	42	45	3.91	.08	10	.81	289	1	<.01	20	950	24	10	<20	19	.19	<10	119	<10	6	102
217	L 40400 B 40425 N	<.2	2.08	15	12	40	<5	.66	<1	23	45	66	3.59	.10	10	1.17	477	2	<.01	21	620	28	5	<20	20	.17	<10	107	<10	8	67
218	L 40400 B 40450 N	<.2	2.13	5	10	40	<5	.40	<1	15	27	13	3.16	.07	<10	.40	233	1	<.01	12	960	20	<5	<20	14	.18	<10	85	<10	6	99
219	L 40500 B 39800 N	<.2	1.50	5	8	35	<5	.56	<1	13	25	23	2.73	.07	<10	.66	262	<1	.01	11	520	18	<5	<20	16	.20	<10	95	<10	8	88
220	L 40500 B 39825 N	<.2	2.59	10	12	65	<5	.44	1	18	35	27	4.53	.07	30	.59	311	1	.01	16	3050	42	10	<20	17	.24	<10	113	<10	7	172
221	L 40500 B 39925 N	<.2	2.03	<5	12	80	<5	.67	<1	17	36	56	3.18	.08	30	.79	397	1	<.01	21	730	20	10	<20	23	.18	<10	94	<10	13	101
222	L 40500 B 39950 N	<.2	2.72	5	10	95	<5	.76	1	20	45	54	4.44	.10	30	1.00	397	2	<.01	28	950	26	10	<20	28	.20	<10	118	<10	8	157
223	L 40500 B 39975 N	<.2	2.85	10	10	80	<5	.57	1	24	42	46	3.84	.07	10	.89	352	1	<.01	26	1330	20	10	<20	20	.17	<10	100	<10	7	155
224	L 40500 B 40000 N **	<.2	2.61	15	14	75	<5	.68	<1	18	42	46	4.29	.08	10	.83	283	6	<.01	20	870	32	5	<20	24	.22	<10	123	10	12	124
225	L 40500 B 40025 N	<.2	3.08	5	12	100	<5	.68	1	25	45	49	4.37	.08	30	1.00	394	1	.01	29	1620	32	10	<20	19	.19	<10	118	<10	8	160
226	L 40500 B 40050 N	<.2	2.32	10	12	70	<5	.72	<1	19	39	48	3.71	.09	10	.87	343	1	<.01	19	890	18	10	<20	25	.19	<10	108	<10	9	95
227	L 40500 B 40075 N	<.2	2.48	5	12	70	<5	.91	<1	23	48	68	4.10	.10	30	1.30	466	1	<.01	24	970	32	15	<20	27	.21	<10	124	<10	10	80
228	L 40500 B 40100 N	<.2	2.48	5	10	75	<5	.75	<1	20	46	63	4.21	.09	30	1.22	386	1	<.01	23	1280	30	10	<20	23	.19	<10	119	<10	8	82
229	L 40500 B 40125 N	<.2	2.27	5	10	80	<5	.55	1	16	38	35	4.53	.07	20	.78	293	2	<.01	17	540	20	5	<20	18	.16	<10	105	<10	10	100
230	L 40500 B 40150 N	<.2	2.39	10	10	75	<5	.39	1	19	40	63	4.03	.08	20	.72	476	2	.01	19	430	24	5	<20	15	.13	<10	90	<10	9	78
231	L 40500 B 40175 N	<.2	2.85	10	12	75	<5	.48	1	20	48	64	5.21	.10	30	1.01	336	2	<.01	23	900	24	5	<20	14	.16	<10	108	<10	8	106
232	L 40500 B 40200 N	<.2	2.46	10	10	90	<5	.59	1	18	46	52	4.82	.09	20	1.08	443	2	<.01	23	600	18	10	<20	19	.16	<10	100	<10	8	89
233	L 40500 B 40225 N	<.2	2.71	15	10	75	<5	.56	1	18	46	73	4.80	.10	30	1.12	386	2	<.01	22	690	24	5	<20	19	.15	<10	99	<10	8	87
234	L 40500 B 40250 N	<.2	2.76	20	10	75	<5	.38	1	21	48	69	5.64	.10	30	1.05	404	3	<.01	24	690	28	10	<20	13	.18	<10	117	<10	10	97

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BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MM	MO	NA(%)	NI	P	PR	SB	SN	SR	TI(%)	U	V	W	Y	ZN
235	- L 40500 B 40275 N	<.2	2.90	15	8	135	<5	.82	2	19	50	175	5.17	.14	30	.76	568	4	<.01	32	500	30	<5	<20	29	.09	<10	87	<10	12	97
236	- L 40500 B 40300 N	<.2	3.50	15	10	125	<5	.94	2	29	66	150	6.14	.15	40	1.37	855	4	<.01	40	520	30	10	<20	31	.14	<10	116	<10	16	133
237	- L 40500 B 40325 N	<.2	4.07	20	12	170	<5	1.05	2	22	60	170	6.33	.15	40	.96	474	6	<.01	41	620	30	5	<20	33	.13	<10	113	<10	20	138
238	- L 40500 B 40350 N	.6	3.94	15	10	170	<5	1.09	3	21	58	156	5.90	.14	30	.87	612	6	<.01	45	520	28	10	<20	38	.13	<10	103	<10	9	134
239	- L 40500 B 40375 N	<.2	3.06	20	10	120	<5	.54	1	22	47	52	6.04	.08	30	.85	318	5	<.01	25	590	20	5	<20	20	.17	<10	126	<10	6	138
240	- L 40500 B 40400 N	<.2	2.47	45	12	80	<5	1.10	2	33	37	50	7.76	.05	40	.83	965	5	<.01	29	1030	10	5	<20	15	.13	<10	170	10	19	87
41	- L 40500 B 40425 N	.2	2.38	10	10	90	<5	1.01	1	15	33	55	4.05	.06	20	.54	360	5	<.01	20	450	16	5	<20	27	.13	<10	79	<10	8	81
242	- L 40500 B 40450 N **	<.2	3.39	15	12	105	<5	.52	2	28	53	68	5.51	.11	30	1.06	423	5	.01	32	320	26	5	<20	18	.17	<10	113	<10	12	100
243	- L 40600 B 39800 N	.2	2.67	15	10	95	<5	.73	1	20	34	61	4.31	.08	20	.87	254	3	<.01	22	380	38	10	<20	26	.14	<10	83	<10	8	101
244	- L 40600 B 39825 N	.2	2.13	20	18	105	<5	1.89	1	22	46	285	4.43	.15	20	1.29	797	3	<.01	31	930	20	10	<20	55	.10	<10	87	<10	15	102
245	- L 40600 B 39850 N	<.2	2.72	10	12	100	<5	.60	1	24	39	72	5.28	.11	20	1.16	470	2	<.01	21	710	28	5	<20	17	.17	<10	116	<10	8	96
246	- L 40600 B 39875 N	<.2	2.98	15	12	80	<5	.74	1	23	46	69	5.42	.12	20	1.43	394	2	<.01	23	510	24	10	<20	15	.20	<10	128	<10	10	69
247	- L 40600 B 39900 N	.4	3.02	30	16	165	<5	1.75	1	23	42	92	4.50	.11	20	1.16	1066	2	<.01	29	700	18	10	<20	55	.13	<10	76	<10	12	96
248	- L 40600 B 39925 N	<.2	3.26	10	14	180	<5	1.05	1	24	51	69	5.34	.11	30	1.18	476	3	<.01	27	310	22	10	<20	40	.15	<10	94	<10	11	72
249	- L 40600 B 39950 N	.4	2.86	15	14	155	<5	1.54	1	19	29	107	4.23	.21	30	1.02	676	2	.01	20	690	14	5	<20	62	.09	<10	72	<10	14	90
250	- L 40600 B 39975 N	<.2	3.04	10	10	100	<5	.49	1	23	44	48	5.03	.09	20	1.06	397	1	<.01	26	1120	18	5	<20	13	.14	<10	99	<10	5	127
251	- L 40600 B 40000 N	<.2	2.38	15	10	475	<5	.41	1	22	35	86	6.45	.11	30	.72	519	2	<.01	23	1020	14	10	<20	14	.07	<10	85	<10	1	102
252	- L 40600 B 40025 N	<.2	1.68	10	8	335	<5	.22	<1	20	19	51	5.63	.06	20	.29	343	1	.01	17	530	10	<5	<20	10	.06	<10	76	<10	<1	73
253	- L 40600 B 40050 N	<.2	2.32	10	6	595	<5	.29	<1	28	24	92	8.11	.11	40	.43	631	1	<.01	23	670	12	5	<20	13	.02	<10	86	<10	7	92
254	- L 40600 B 40075 N **	<.2	2.20	10	4	540	<5	.56	<1	33	18	83	8.80	.12	40	.35	1020	1	<.01	22	810	12	5	<20	22	.03	<10	88	<10	<1	98
255	- L 40600 B 40100 N	<.2	1.68	<5	6	335	<5	.31	<1	19	16	27	5.13	.05	20	.18	245	1	.01	12	620	8	<5	<20	13	.04	<10	81	<10	<1	56
256	- L 40600 B 40125 N	<.2	3.71	20	12	155	<5	.39	1	28	65	25	5.67	.12	20	.72	277	1	.01	28	1900	16	5	<20	16	.16	<10	107	<10	5	102
257	- L 40600 B 40150 N	<.2	2.43	10	8	75	<5	.19	1	14	24	19	3.41	.04	10	.26	154	1	.01	9	410	10	5	<20	11	.12	<10	73	<10	6	67
258	- L 40600 B 40175 N	<.2	2.12	5	10	80	<5	.61	1	17	34	25	4.19	.07	20	.48	487	3	<.01	13	490	12	5	<20	16	.13	<10	104	<10	6	73
259	- L 40600 B 40200 N	<.2	2.19	10	10	50	<5	.30	1	14	33	22	4.09	.05	20	.52	236	3	<.01	15	310	10	5	<20	10	.11	<10	92	<10	3	67
260	- L 40600 B 40225 N	<.2	2.95	15	8	65	<5	.31	1	15	35	18	5.59	.06	20	.53	233	2	<.01	14	1190	18	5	<20	11	.17	<10	108	<10	5	111
261	- L 40600 B 40250 N	<.2	2.53	15	8	95	<5	.41	1	18	35	23	5.13	.07	20	.52	282	2	<.01	19	810	14	5	<20	13	.15	<10	106	<10	5	110
262	- L 40600 B 40275 N	.2	3.32	20	10	100	<5	.39	1	18	30	33	5.84	.06	20	.42	199	2	<.01	17	2080	20	5	<20	15	.13	<10	89	<10	2	114
263	- L 40600 B 40300 N	<.2	3.66	10	8	95	<5	.46	1	23	40	20	5.66	.07	20	.62	231	3	<.01	23	1020	20	5	<20	17	.18	<10	110	<10	6	142

ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK91- 451

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BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
371 -	L 40400 N 41975 B	<.2	.86	10	4	60	<5	.12	<1	8	18	17	2.66	.02	10	.20	152	1	<.01	5	460	8	5	<20	8	.08	<10	73	<10	<1	42
372 -	L 40400 N 42000 B	.6	1.06	20	6	180	<5	.11	<1	17	20	85	4.20	.03	20	.25	775	2	.01	15	1010	12	5	<20	11	.02	<10	63	<10	<1	85
373 -	L 40400 N 42025 B	.2	1.52	35	8	120	<5	.12	<1	16	36	64	4.41	.03	20	.33	213	2	<.01	18	990	14	5	<20	13	.05	<10	86	<10	<1	90
374 -	L 40400 N 42050 B	.8	1.32	10	6	110	<5	.11	<1	8	37	13	2.88	.03	10	.38	224	<1	<.01	7	830	10	<5	<20	11	.06	<10	89	<10	<1	73
375 -	L 40400 N 42075 B	.6	2.31	15	6	130	<5	.24	<1	20	59	39	4.72	.04	10	.71	395	1	.01	21	840	18	5	<20	14	.09	<10	120	<10	<1	108
376 -	L 40400 N 42100 B	.6	1.33	10	6	90	<5	.23	<1	11	27	15	2.67	.04	10	.28	334	<1	<.01	7	1050	10	<5	<20	13	.08	<10	71	<10	1	72
377 -	L 40400 N 42125 B	.4	2.15	45	8	90	<5	.25	<1	19	49	42	5.80	.02	20	.69	332	3	<.01	18	1140	24	5	<20	18	.10	<10	150	<10	<1	104
378 -	L 40400 N 42150 B	1.2	2.06	30	6	135	<5	.22	<1	17	45	30	4.94	.01	20	.47	227	4	<.01	30	1220	18	5	<20	17	.07	<10	81	<10	<1	134
379 -	L 40400 N 42175 B	.6	1.32	15	6	80	<5	.13	<1	12	34	17	3.30	.02	10	.27	328	2	<.01	8	1340	14	<5	<20	9	.09	<10	94	<10	1	85
380 -	L 40400 N 42200 B	<.2	2.64	10	8	190	<5	.61	<1	27	54	33	4.84	.05	10	.84	674	2	<.01	30	670	20	10	<20	47	.13	<10	118	<10	3	135
381 -	L 40400 N 42225 B	<.2	2.48	20	10	85	<5	.42	1	21	56	51	5.60	.04	20	1.12	418	4	<.01	25	1710	22	10	<20	17	.13	<10	122	<10	3	122
382 -	L 40400 N 42250 B	.4	2.28	15	8	80	<5	.30	<1	15	48	26	4.81	.04	20	.77	286	3	<.01	13	990	18	10	<20	14	.13	<10	117	<10	2	111
383 -	L 40400 N 42275 B	.2	2.11	15	6	90	<5	.26	<1	12	36	13	4.05	.04	10	.47	196	3	<.01	9	800	22	5	<20	18	.18	<10	100	<10	5	121
384 -	L 40400 N 42300 B	<.2	<.01	<5	<2	<5	<5	<.01	<1	<1	<1	<1	<.01	<.01	<10	<.01	<1	<1	<.01	<1	<10	<2	<5	<20	1	<.01	<10	<1	<10	<1	<1
385 -	L 40400 N 42325 B	<.2	3.42	5	6	120	<5	.54	<1	22	52	32	4.57	.03	20	1.01	318	4	<.01	19	360	22	5	<20	39	.13	<10	111	<10	4	82
386 -	L 40400 N 42350 B	.2	4.20	<5	10	170	<5	1.61	<1	24	49	62	4.76	.05	20	.93	579	5	<.01	27	610	26	10	<20	102	.12	<10	83	<10	11	82
387 -	L 40400 N 42375 B	<.2	3.32	10	8	90	<5	.41	<1	28	69	40	5.40	.05	20	1.02	391	2	.01	24	560	26	10	<20	23	.15	<10	118	<10	3	100
388 -	L 40400 N 42400 B	<.2	2.85	15	10	120	<5	.53	<1	32	73	79	5.12	.07	20	1.64	907	1	<.01	28	600	22	10	<20	26	.16	<10	127	<10	9	100
389 -	L 40400 N 42425 B	<.2	2.48	20	14	135	<5	1.16	<1	28	55	145	4.51	.16	30	1.34	985	4	.01	26	1040	24	10	<20	67	.14	<10	98	<10	15	92
390 -	L 40400 N 42450 B	<.2	2.88	20	12	145	<5	1.04	<1	29	64	72	4.84	.15	20	1.39	999	5	<.01	34	690	24	10	<20	67	.15	<10	102	<10	10	105
391 -	L 40400 N 42475 B	<.2	3.25	5	8	125	<5	.46	<1	23	51	38	3.91	.04	20	.87	291	3	.01	23	420	22	10	<20	36	.14	<10	93	<10	14	117
392 -	L 40400 N 42500 B	<.2	2.65	10	12	120	<5	1.00	<1	25	52	54	4.10	.08	20	1.24	771	1	<.01	23	500	16	10	<20	60	.15	<10	97	<10	9	88
393 -	L 40500 N 42000 B	<.2	3.24	10	10	115	<5	.41	<1	20	45	33	4.69	.05	10	.84	355	1	<.01	18	1140	18	5	<20	19	.13	<10	97	<10	2	106
394 -	L 40500 N 42025 B	.6	1.63	20	8	120	<5	.13	<1	14	55	35	4.29	.04	20	.51	322	1	.01	16	1160	12	<5	<20	14	.06	<10	89	<10	<1	103
395 -	L 40500 N 42050 B	<.2	2.34	25	8	125	<5	.34	<1	17	39	31	5.22	.04	20	.60	284	2	<.01	18	1720	20	10	<20	27	.09	<10	107	<10	<1	111
396 -	L 40500 N 42075 B	1.2	2.42	35	10	90	<5	.07	<1	13	24	27	3.64	.01	10	.15	151	4	.01	16	1580	16	<5	<20	12	.08	<10	54	<10	<1	91
397 -	L 40500 N 42100 B	.2	.88	45	6	120	<5	.19	<1	20	30	93	4.98	.02	30	.17	501	3	<.01	39	1070	12	<5	<20	21	.02	<10	59	<10	2	124
398 -	L 40500 N 42125 B	.8	1.82	30	8	95	<5	.05	1	18	33	68	6.25	<.01	30	.17	207	54	<.01	55	1600	22	5	<20	10	.03	<10	62	<10	<1	212
399 -	L 40500 N 42150 B	.2	1.94	80	10	115	<5	.16	1	37	37	197	8.53	<.01	40	.47	383	88	<.01	104	1450	36	15	<20	16	.03	<10	72	<10	<1	306
400 -	L 40500 N 42175 B	.2	2.80	20	10	115	<5	.34	1	22	57	42	5.59	.05	20	1.00	351	5	<.01	29	960	24	5	<20	18	.12	<10	128	<10	1	143
401 -	L 40500 N 42200 B	<.2	1.94	15	8	115	<5	.42	<1	20	39	23	4.18	.03	10	.60	460	5	<.01	13	750	20	5	<20	27	.11	<10	109	<10	2	125
402 -	L 40500 N 42225 B	<.2	2.55	5	10	175	<5	.77	<1	20	43	39	3.80	.04	20	.69	348	1	<.01	13	640	22	5	<20	55	.13	<10	91	<10	8	110
403 -	L 40500 N 42250 B	<.2	2.03	10	8	95	<5	.28	<1	15	34	25	3.71	.03	20	.65	259	1	<.01	10	450	18	5	<20	19	.12	<10	100	<10	4	72
404 -	L 40500 N 42275 B	<.2	2.46	35	8	250	<5	1.22	<1	39	42	80	6.14	.05	20	.81	875	5	<.01	19	500	36	<5	<20	87	.06	<10	90	<10	8	90
405 -	L 40500 N 42300 B	<.2	3.79	15	8	295	<5	1.02	<1	30	75	138	5.44	.11	30	1.38	699	1	<.01	35	720	28	10	<20	73	.13	<10	116	<10	30	124
406 -	L 40500 N 42325 B	<.2	3.71	5	8	135	<5	.58	<1	27	73	60	4.69	.05	20	.91	483	2	<.01	32	570	32	5	<20	48	.16	<10	101	<10	13	111

ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK91- 451


PAGE 13

BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SH	SR	TI(%)	U	V	W	Y	ZN
407	L 40500 N 42350 B	<.2	3.04	10	10	95	<5	.53	<1	30	74	71	5.25	.05	20	1.23	968	3	<.01	27	600	28	10	<20	30	.14	<10	137	<10	6	114
408	L 40500 N 42375 B	<.2	2.27	15	10	70	<5	.38	<1	20	63	36	5.02	.05	10	.97	349	2	<.01	18	810	20	10	<20	18	.12	<10	130	<10	1	122
409	L 40500 N 42400 B	<.2	3.63	5	8	105	<5	.64	<1	45	237	83	6.32	.19	20	3.31	936	2	<.01	124	900	18	20	<20	26	.15	<10	194	<10	6	103
410	L 40500 N 42425 B	<.2	2.03	10	8	60	<5	.33	<1	22	94	31	4.54	.04	10	.98	391	4	.01	22	440	18	5	<20	20	.17	<10	134	<10	4	74
411	L 40500 N 42450 B	<.2	2.89	10	10	45	<5	.33	<1	29	134	64	6.26	.07	20	2.42	509	3	.01	58	750	20	15	<20	15	.19	<10	184	<10	4	182
412	L 40500 N 42475 B	<.2	2.73	20	8	105	<5	.34	<1	16	55	28	4.59	.03	10	.85	312	2	<.01	18	850	16	5	<20	17	.12	<10	100	<10	2	109
413	L 40500 N 42500 B	<.2	2.53	5	8	75	<5	.78	<1	19	46	23	4.15	.04	10	.78	352	2	<.01	14	530	18	5	<20	42	.11	<10	106	<10	2	104
414	L 40600 N 42000 B	<.2	2.04	10	8	75	<5	.32	<1	11	31	18	3.65	.03	10	.44	314	1	<.01	4	1110	16	5	<20	13	.13	<10	90	<10	3	72
415	L 40600 N 42025 B	<.2	.81	5	6	40	<5	.13	<1	5	13	10	1.58	.01	<10	.22	102	<1	<.01	2	240	6	<5	<20	8	.07	<10	50	<10	2	30
416	L 40600 N 42050 B	<.2	2.86	10	8	305	<5	1.35	<1	18	41	34	4.38	.04	10	.89	370	2	<.01	16	490	24	5	<20	96	.09	<10	102	<10	2	70
417	L 40600 N 42075 B	<.2	1.97	25	6	120	<5	.32	<1	19	35	28	4.08	.03	10	.60	321	2	<.01	12	460	16	5	<20	22	.09	<10	108	<10	<1	61
418	L 40600 N 42100 B	<.2	2.44	45	4	130	<5	.24	<1	27	11	72	7.27	.05	20	.41	379	3	<.01	4	800	18	5	<20	19	.02	<10	109	<10	<1	80
419	L 40600 N 42125 B	<.2	1.90	35	6	70	<5	.21	<1	24	12	58	7.59	.06	20	.42	631	1	.01	6	1630	14	5	<20	13	.09	<10	174	<10	<1	99
420	L 40600 N 42150 B	<.2	2.16	10	8	55	<5	.25	<1	14	29	27	3.71	.03	<10	.51	251	<1	.01	12	570	14	10	<20	13	.12	<10	108	<10	2	51
421	L 40600 N 42175 B	<.2	2.38	5	8	60	<5	.25	<1	15	34	34	4.25	.04	10	.68	319	<1	<.01	13	650	20	5	<20	15	.11	<10	111	<10	1	61
422	L 40600 N 42200 B	.2	1.26	10	10	185	<5	1.36	<1	19	10	57	3.67	.05	10	.29	1162	2	<.01	8	910	8	5	<20	104	.04	<10	45	<10	5	59
423	L 40600 N 42225 B	<.2	3.04	5	8	125	<5	.39	<1	25	44	39	4.45	.05	10	.90	353	1	<.01	24	620	20	10	<20	25	.11	<10	99	<10	2	98
424	L 40600 N 42250 B	<.2	1.42	5	8	50	<5	.43	<1	10	31	17	2.80	.03	<10	.44	171	<1	<.01	11	300	16	5	<20	28	.11	<10	88	<10	3	45
425	L 40600 N 42275 B	<.2	2.16	5	10	90	<5	.34	<1	19	50	31	3.81	.05	10	.80	388	<1	.01	21	540	24	10	<20	20	.12	<10	100	<10	5	81
426	L 40600 N 42300 B	<.2	1.31	5	10	55	<5	.31	<1	14	65	21	3.65	.07	<10	.76	271	1	.01	18	810	30	5	<20	16	.15	<10	135	<10	4	82
427	L 40600 N 42325 B **	<.2	2.05	15	12	85	<5	.33	<1	28	95	88	5.98	.07	10	1.27	670	7	.01	35	690	60	15	<20	20	.12	<10	177	<10	1	94
428	L 40600 N 42350 B	<.2	2.46	10	12	70	<5	.39	<1	19	103	55	5.02	.08	10	1.37	274	1	.01	21	610	34	10	<20	24	.15	<10	159	<10	2	96
429	L 40600 N 42375 B	<.2	1.92	10	10	60	<5	.38	<1	13	44	17	3.77	.06	10	.67	241	<1	.01	14	1350	18	5	<20	15	.16	<10	105	<10	5	64
430	L 40600 N 42400 B	.2	1.99	<5	8	185	<5	1.02	1	17	34	18	2.81	.06	<10	.48	2192	1	<.01	15	590	12	5	<20	57	.10	<10	60	<10	4	90
431	L 40600 N 42425 B	<.2	1.61	10	10	50	<5	.24	<1	16	44	32	4.15	.03	10	.56	252	1	.01	21	520	12	10	<20	15	.13	<10	113	<10	3	67
432	L 40600 N 42450 B	<.2	1.58	15	8	105	<5	.24	<1	20	59	37	5.80	.04	10	.66	337	2	.01	16	530	16	10	<20	19	.17	<10	172	<10	2	83
433	L 40600 N 42475 B	<.2	2.07	10	12	70	<5	.35	<1	18	53	39	4.03	.04	10	.71	297	2	<.01	26	460	16	5	<20	19	.12	<10	106	<10	3	111
434	L 40600 N 42500 B	<.2	1.79	<5	10	60	<5	.23	<1	7	26	15	2.36	.01	<10	.25	113	3	<.01	6	280	16	<5	<20	15	.09	<10	76	<10	3	55

NOTE: < = LESS THAN

* = TO -42 MESH

** = TO -45 MESH


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

ECO-TECH LABORATORIES LTD.

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

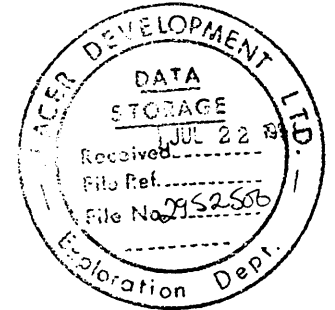
JULY 18, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PLACER DOME INC. - ETK91- 411

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



PROJECT: BOGG 269
 423 SOIL SAMPLES RECEIVED JUNE 28, 1991

ST#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	NH	NO	NA(%)	NI	P	PB	SD	SH	SR	TI(%)	U	V	W	Y	ZN
1	L30400 B 40025 H	<.2	2.26	30	6	70	<5	.19	<1	20	65	137	6.10	.60	<10	1.96	309	5	.01	25	1010	60	10	<20	14	.13	<10	170	<10	1	88
2	L30400 B 40050 H	.6	2.34	15	4	70	<5	.30	<1	24	99	70	4.04	.13	<10	1.81	382	4	.02	27	420	54	10	<20	10	.10	<10	147	<10	4	123
3	L30400 B 40075 H	.4	2.96	15	6	95	<5	.17	<1	34	140	49	5.66	.10	<10	2.62	552	3	.02	36	780	64	10	<20	9	.20	<10	180	<10	3	405
4	L30400 B 40100 H	.4	2.14	5	6	145	<5	.73	2	22	49	66	3.53	.10	<10	1.35	1090	0	<0.01	33	460	24	10	<20	22	.15	<10	94	<10	0	105
5	L30400 B 40125 H	<.2	2.66	15	6	85	<5	.50	<1	20	40	82	5.23	.14	<10	1.71	433	4	<0.01	16	790	20	10	<20	8	.17	<10	133	<10	5	64
6	L30400 B 40150 H	<.2	1.70	10	6	60	<5	.49	<1	16	41	40	3.06	.25	<10	1.50	336	3	.01	15	1050	32	10	<20	13	.22	<10	127	<10	0	50
7	L30400 B 40175 H	<.2	2.25	20	0	55	<5	.22	<1	21	47	50	4.74	.19	<10	1.67	388	4	.02	17	670	62	10	<20	0	.18	<10	136	<10	4	70
8	L30400 B 40200 H	<.2	2.12	30	0	70	<5	.40	<1	20	40	135	6.21	.67	<10	2.32	834	3	.02	20	1610	70	10	<20	10	.13	<10	164	<10	2	82
9	L30400 B 40225 H	<.2	2.56	10	6	75	<5	.40	<1	20	34	26	4.27	.10	<10	1.26	317	2	.01	14	920	26	10	<20	12	.23	<10	108	<10	9	73
10	L30400 B 40250 H	.0	2.47	10	6	60	<5	.30	<1	10	47	51	3.85	.09	<10	1.23	322	3	.01	22	820	40	10	<20	10	.17	<10	101	<10	5	90
11	L30400 B 40275 H	<.2	1.66	15	6	60	<5	.30	<1	15	21	47	4.44	.12	<10	1.12	190	9	.01	7	830	40	10	<20	16	.26	<10	138	<10	9	40
12	L30400 B 40300 H	<.2	2.99	20	4	65	<5	.30	<1	22	42	59	5.79	.45	<10	2.19	624	2	<0.01	22	1030	30	10	<20	10	.13	<10	133	<10	2	85
13	L30400 B 40325 H	<.2	2.07	15	4	90	<5	.40	<1	20	33	69	4.37	.23	<10	1.79	505	1	.01	13	830	40	10	<20	6	.13	<10	130	<10	2	86
14	L30400 B 40350 H	.4	1.79	5	2	75	<5	.21	<1	9	10	24	2.87	.05	<10	.51	171	3	.01	5	550	42	5	<20	0	.17	<10	80	<10	6	51
15	L30400 B 40375 H	.4	1.02	10	4	85	<5	.10	<1	12	17	42	2.75	.07	<10	.51	1150	2	.01	0	390	14	<5	<20	0	.13	<10	94	<10	5	44
16	L30400 B 40400 H	<.2	1.12	5	4	45	<5	.23	<1	11	15	40	2.79	.05	<10	.57	172	2	.01	7	400	10	5	<20	7	.15	<10	84	<10	6	35
17	L30400 B 40425 H	<.2	1.23	20	4	55	<5	.23	<1	16	25	09	4.46	.12	<10	1.42	525	3	.03	0	1090	24	10	<20	6	.17	<10	116	<10	6	56
18	L30400 B 40450 H	<.2	2.09	10	4	40	<5	.35	<1	10	34	60	3.82	.06	<10	1.41	432	2	.01	10	900	20	10	<20	4	.21	<10	122	<10	0	110
19	L30500 B 40025 H	.6	2.06	50	6	70	<5	.20	<1	21	44	190	6.66	.09	<10	1.84	282	90	<0.01	19	1040	214	15	<20	0	.09	<10	166	<10	<1	99
20	L30500 B 40050 H	<.2	2.29	25	6	80	<5	.23	<1	27	43	174	6.10	.20	<10	1.49	305	6	.01	20	860	60	10	<20	9	.13	<10	150	<10	1	60
21	L30500 B 40075 H	<.2	1.87	15	4	60	<5	.27	<1	19	45	90	4.50	.16	<10	1.22	396	4	.01	19	1040	40	10	<20	9	.15	<10	139	<10	3	53
22	L30500 B 40100 H	<.2	2.27	10	4	60	<5	.36	<1	22	33	43	4.52	.00	<10	1.02	294	2	<0.01	17	1080	30	10	<20	9	.17	<10	116	<10	4	62
23	L30500 B 40125 H	<.2	2.10	15	6	70	<5	.25	<1	19	26	73	5.05	.17	<10	1.60	383	11	.01	13	690	16	10	<20	10	.21	<10	147	<10	6	42
24	L30500 B 40150 H	<.2	2.59	25	4	40	<5	1.71	<1	26	33	104	6.20	.31	<10	1.91	756	2	<0.01	16	800	34	10	<20	11	.00	<10	125	<10	<1	39
25	L30500 B 40175 H	<.2	2.32	20	4	155	<5	.00	<1	10	21	90	5.30	.42	<10	1.73	240	4	<0.01	0	920	22	10	<20	17	.25	<10	133	<10	9	20
26	L30500 B 40200 H	<.2	2.53	15	4	100	<5	.79	<1	21	55	82	4.85	.13	<10	1.81	819	2	<0.01	33	1230	62	10	<20	0	.17	<10	131	<10	6	136

AGE 2	#	DESCRIPTION	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
	27 -	L 41050E 40275N	<.2	4.57	15	8	570	<5	.23	<1	17	24	38	4.42	.04	<10	.33	220	1	.01	15	2250	18	<5	<20	7	.09	10	50	<10	1	92
	28 -	L 41050E 40300N	<.2	1.20	40	4	335	<5	.21	<1	18	20	69	5.56	.03	<10	.29	303	1	.01	15	1060	16	<5	<20	8	.08	10	91	<10	<1	80
	29 -	L 41050E 40325N	<.2	2.48	25	8	100	<5	.44	<1	19	43	40	4.40	.06	<10	.93	557	2	<.01	20	990	14	5	<20	16	.11	10	103	<10	2	92
	30 -	L 41050E 40825N	<.2	2.30	25	6	100	<5	.29	<1	21	26	47	4.28	.06	<10	.57	586	1	.01	25	680	16	5	<20	17	.13	10	90	<10	1	202
	31 -	L 41100E 39950N	<.2	2.53	25	6	115	<5	.44	<1	20	36	51	4.70	.06	<10	.68	431	1	.02	21	810	20	<5	<20	19	.12	10	135	<10	1	123
	32 -	L 41100E 39975N	<.2	2.84	35	6	100	<5	.40	<1	19	40	49	5.21	.07	<10	.71	458	2	.01	27	860	20	<5	<20	20	.09	10	133	<10	<1	109
	33 -	L 41100E 40000N	<.2	3.59	20	8	130	<5	.29	<1	24	39	45	4.69	.09	<10	.65	885	2	.01	27	1120	18	<5	<20	14	.13	<10	106	<10	2	142
	34 -	L 41100E 40025N	<.2	3.40	30	8	145	<5	.26	<1	24	44	46	5.79	.06	<10	.75	474	2	.01	32	960	22	<5	<20	14	.15	10	130	<10	1	229
	35 -	L 41100E 40050N	<.2	2.52	30	8	130	<5	.41	<1	21	35	39	4.68	.07	<10	.63	418	2	<.01	29	740	18	<5	<20	18	.11	10	119	<10	1	122
	?	L 41100E 40075N	<.2	2.89	30	10	145	<5	.62	<1	23	39	33	4.95	.09	<10	.82	484	2	.01	23	1650	18	5	<20	29	.11	10	108	<10	<1	150
	3	L 41100E 40100N	<.2	1.83	15	8	70	<5	.30	<1	16	23	20	3.63	.05	<10	.41	421	1	.01	12	660	14	<5	<20	13	.10	<10	99	<10	1	74
	38 -	L 41100E 40125N	<.2	2.19	25	8	95	<5	.48	<1	16	32	23	4.16	.06	<10	.74	367	1	<.01	15	1350	14	5	<20	17	.11	10	103	<10	1	94
	39 -	L 41100E 40150N	<.2	2.15	20	6	235	<5	.29	<1	19	32	30	5.17	.06	<10	.49	214	1	.01	12	510	14	<5	<20	16	.06	<10	117	<10	<1	64
	40 -	L 41100E 40175N	<.2	1.98	15	6	80	<5	.26	<1	13	28	15	3.77	.05	<10	.44	183	3	<.01	12	690	16	<5	<20	15	.11	<10	102	<10	<1	78
	41 -	L 41100E 40200N	<.2	3.30	15	10	175	<5	1.06	<1	23	43	45	4.65	.07	<10	.86	519	2	<.01	26	770	16	5	<20	45	.11	<10	104	<10	1	131
	42 -	L 41100E 40225N	<.2	2.67	10	10	195	<5	1.03	<1	19	37	40	4.21	.05	<10	.75	310	<1	<.01	18	520	38	5	<20	36	.10	<10	93	<10	1	102
	43 -	L 41100E 40250N	<.2	2.55	10	6	100	<5	.43	<1	15	32	20	3.61	.03	<10	.55	219	<1	.01	14	520	18	<5	<20	17	.12	<10	90	<10	2	113
	44 -	L 41100E 40275N	<.2	2.72	25	8	90	<5	.39	<1	17	43	37	4.19	.04	<10	.88	329	<1	<.01	20	780	18	5	<20	15	.13	<10	101	<10	1	82
	45 -	L 41100E 40300N	<.2	3.41	15	10	205	<5	.31	<1	15	37	18	4.57	.03	<10	.57	291	1	.01	15	1090	18	<5	<20	15	.14	<10	92	<10	<1	94
	46 -	L 41100E 40325N	<.2	3.18	25	8	70	<5	.37	<1	15	45	33	4.68	.07	<10	.89	415	1	<.01	18	1200	16	<5	<20	13	.11	<10	98	<10	<1	100
	47 -	L 41100E 40350N	<.2	2.19	15	8	80	<5	.32	<1	13	35	23	3.69	.04	<10	.70	334	1	<.01	15	730	14	<5	<20	14	.12	<10	102	<10	1	85
	48 -	L 41100E 40375N	.6	3.09	15	12	120	<5	.94	<1	18	32	24	4.10	.03	<10	.69	955	5	.01	18	600	22	<5	<20	40	.11	<10	77	<10	2	151
	49 -	L 41100E 40400N	<.2	2.19	25	8	105	<5	.41	<1	15	34	24	4.58	.05	<10	.56	329	1	<.01	14	1070	18	5	<20	19	.12	<10	120	<10	<1	127
	50 -	L 41150E 40200N	<.2	2.73	20	10	215	<5	.41	<1	27	24	30	4.88	.06	<10	.48	520	1	<.01	17	890	16	<5	<20	18	.10	<10	102	<10	<1	108
	51 -	L 41150E 40225N	<.2	2.53	25	8	125	<5	.31	<1	19	32	28	5.04	.06	<10	.65	277	1	<.01	15	900	16	5	<20	14	.11	<10	114	<10	<1	82
	52 -	L 41150E 40250N	<.2	3.26	20	10	100	<5	.40	<1	22	49	38	4.70	.06	<10	1.04	355	2	<.01	23	1120	16	5	<20	16	.12	<10	108	<10	1	92
		L 41150E 40275N	<.2	2.10	30	8	105	<5	.33	<1	18	15	74	6.78	.09	<10	.39	311	2	<.01	11	1870	12	<5	<20	17	.02	<10	90	<10	<1	90
	54 -	L 41150E 40300N	<.2	2.29	20	8	70	<5	.28	<1	13	33	19	4.09	.03	<10	.57	233	1	<.01	12	750	14	5	<20	12	.11	<10	104	<10	<1	74
	55 -	L 41150E 40325N	<.2	1.69	20	6	1375	<5	.17	<1	13	22	29	4.31	.04	<10	.30	159	1	<.01	11	740	14	<5	<20	11	.07	<10	101	<10	<1	56
	56 -	L 41150E 40350N	<.2	3.72	15	8	200	<5	.48	<1	21	45	32	4.20	.04	10	.74	307	1	<.01	24	480	20	5	<20	23	.13	<10	109	10	5	105
	57 -	L 41150E 40400N	<.2	3.34	20	10	120	<5	.38	<1	19	49	32	5.06	.04	<10	.90	320	2	<.01	23	840	28	<5	<20	17	.12	<10	104	<10	<1	221
	58 -	L 41250E 40050N	<.2	1.90	15	8	85	<5	.44	<1	16	31	27	4.42	.03	<10	.37	492	1	<.01	21	1340	16	<5	<20	22	.16	<10	118	<10	<1	130
	59 -	L 41250E 40075N	<.2	1.55	35	12	35	<5	.25	<1	22	28	73	5.35	.01	<10	.42	692	1	.01	20	1160	18	<5	<20	15	.16	<10	107	<10	<1	73
	60 -	L 41250E 40100N	<.2	1.36	10	8	40	<5	.18	<1	15	30	32	3.27	.02	<10	.25	756	1	<.01	12	770	20	<5	<20	12	.13	<10	107	<10	1	59
	61 -	L 41250E 40125N	<.2	1.68	15	8	45	<5	.31	<1	13	36	37	3.79	.03	<10	.42	557	1	<.01	14	1230	22	<5	<20	16	.14	<10	128	<10	2	78
	62 -	L 41250E 40150N	<.2	<.01	<5	<2	<5	<5	<.01	<1	<1	<1	<1	<.01	<.01	<10	<.01	<1	<1	<.01	<1	<10	<2	<5	<20	1	<.01	<10	<1	<10	<1	<1
	63 -	L 41250E 40175N	.2	2.95	20	8	75	<5	.41	<1	17	57	45	5.50	.03	<10	.54	277	4	<.01	37	2280	20	5	<20	22	.14	<10	133	<10	<1	176

TR#	DESCRIPTION	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	
64	L 41250E 40200N	<.2	2.96	15	8	100	<.5	.40	<.1	20	40	38	4.18	.05	<.10	.62	383	3	<.01	28	790	18	5	<.20	18	.11	<.10	93	<.10	1	129
65	L 41250E 40225N	<.2	1.26	10	6	95	<.5	.25	<.1	11	21	19	3.44	.07	<.10	.25	323	2	<.01	9	1260	12	<.5	<.20	14	.07	<.10	76	<.10	<.1	65
66	L 41250E 40250N	<.2	2.21	20	6	160	<.5	.27	<.1	22	43	34	5.32	.04	<.10	.56	378	2	<.01	30	710	16	<.5	<.20	15	.07	<.10	100	<.10	<.1	85
67	L 41250E 40275N	<.2	1.42	20	4	100	<.5	.24	<.1	14	36	17	4.86	.04	<.10	.26	200	<.1	<.01	18	490	12	5	<.20	15	.05	<.10	125	<.10	<.1	60
68	L 41250E 40300N	<.2	2.03	25	6	1080	<.5	.17	<.1	19	16	56	5.99	.06	<.10	.37	305	1	<.01	10	730	14	5	<.20	18	.03	<.10	101	<.10	<.1	71
69	L 41250E 40325N	<.2	1.43	20	6	95	<.5	.19	<.1	11	11	23	4.31	.07	<.10	.23	182	<.1	.01	6	710	12	<.5	<.20	18	.05	<.10	97	<.10	<.1	50
70	L 41250E 40350N	<.2	2.66	20	10	120	<.5	.22	<.1	19	24	43	4.96	.06	<.10	.46	245	1	.01	13	650	18	<.5	<.20	14	.06	<.10	110	<.10	<.1	69
71	L 41250E 40375N	<.2	1.72	20	8	140	<.5	.20	<.1	15	19	29	5.18	.06	<.10	.28	257	1	<.01	11	670	12	<.5	<.20	17	.04	<.10	86	<.10	<.1	70
	L 41250E 40400N	.2	3.92	15	12	225	<.5	.50	<.1	29	42	59	5.37	.09	10	.69	620	1	<.01	33	750	22	5	<.20	25	.10	<.10	97	<.10	5	110
	L 41250E 40425N	<.2	2.37	10	12	95	<.5	.38	<.1	15	35	17	3.50	.03	<.10	.68	295	<.1	<.01	14	740	14	5	<.20	15	.14	<.10	102	<.10	2	74
74	L 41250E 40450N	<.2	3.61	30	14	155	<.5	.82	<.1	29	61	52	5.02	.08	10	1.42	768	1	<.01	33	550	22	10	<.20	33	.15	<.10	123	<.10	5	121
75	L 41300E 40250N	<.2	2.37	25	10	150	<.5	.39	<.1	20	38	50	5.46	.07	<.10	.69	335	8	<.01	27	1590	18	<.5	<.20	20	.08	<.10	89	<.10	<.1	178
76	L 41300E 40275N	.2	1.14	5	6	95	<.5	.15	<.1	8	19	16	2.65	.05	<.10	.16	126	2	.01	7	970	12	<.5	<.20	13	.08	<.10	67	<.10	<.1	52
77	L 41300E 40300N	<.2	2.84	<.5	6	270	<.5	.18	<.1	21	39	39	7.31	.08	<.10	.39	247	3	<.01	18	780	16	<.5	<.20	11	.04	10	94	<.10	<.1	110
78	L 41300E 40325N	<.2	2.99	<.5	10	275	<.5	.33	<.1	18	34	39	6.29	.07	<.10	.54	287	3	<.01	19	870	14	<.5	<.20	17	.08	<.10	86	<.10	1	102
79	L 41300E 40350N	<.2	.89	5	6	215	<.5	.06	<.1	9	14	9	3.92	.04	<.10	.10	108	3	.01	6	400	10	<.5	<.20	5	.06	<.10	69	<.10	<.1	35
80	L 41300E 40375N	<.2	2.67	<.5	8	285	<.5	.22	<.1	19	31	35	6.41	.07	<.10	.48	218	2	.01	20	570	16	<.5	<.20	13	.05	10	99	<.10	<.1	79
81	L 41300E 40400N	<.2	2.21	20	6	115	<.5	.15	<.1	19	22	59	7.49	.06	<.10	.30	257	1	.01	15	990	26	<.5	<.20	11	.02	10	86	<.10	<.1	69
82	L 41300E 40425N	<.2	2.05	5	8	155	<.5	.15	<.1	16	24	33	5.66	.06	<.10	.28	581	1	.01	13	1090	14	<.5	<.20	9	.04	10	73	<.10	<.1	71
83	L 41300E 40450N	<.2	2.00	15	8	185	<.5	.24	<.1	18	23	30	6.82	.06	<.10	.37	406	2	<.01	15	920	16	<.5	<.20	13	.04	10	83	<.10	<.1	82
84	L 41350E 40250N	<.2	2.79	5	10	170	<.5	.36	1	16	35	29	6.31	.08	<.10	.53	308	5	.01	27	1440	16	5	<.20	29	.10	<.10	89	<.10	<.1	185
85	L 41350E 40275N	<.2	2.72	<.5	10	210	<.5	.35	1	18	34	37	5.89	.08	<.10	.57	338	4	<.01	18	760	14	<.5	<.20	16	.08	10	94	<.10	<.1	90
86	L 41350E 40300N	.4	3.83	<.5	10	180	<.5	.55	1	24	60	81	6.72	.12	10	1.08	932	6	<.01	38	660	20	5	<.20	25	.10	<.10	108	<.10	9	161
87	L 41350E 40325N	<.2	1.80	5	8	135	<.5	.23	<.1	14	20	23	5.68	.06	<.10	.36	284	2	<.01	8	880	14	<.5	<.20	11	.10	<.10	100	<.10	<.1	65
88	L 41350E 40350N	<.2	3.07	<.5	8	175	<.5	.17	<.1	21	17	91	8.68	.11	<.10	.42	323	1	<.01	14	1010	16	<.5	<.20	13	.03	10	122	<.10	<.1	91
	L 41350E 40375N	<.2	1.59	<.5	8	125	<.5	.13	<.1	13	20	22	5.67	.04	<.10	.22	240	1	.01	10	780	38	<.5	<.20	8	.08	10	92	<.10	<.1	65
90	L 41350E 40400N	<.2	1.73	10	8	225	<.5	.10	<.1	15	23	74	3.69	.39	<.10	1.05	639	<.1	.02	24	680	24	5	<.20	38	.14	<.10	80	<.10	7	78
91	L 41350E 40425N	<.2	1.36	25	6	390	<.5	.11	<.1	17	26	41	4.96	.05	<.10	.28	308	1	.01	17	840	8	<.5	<.20	13	.03	<.10	89	<.10	<.1	71
92	L 41350E 40450N	<.2	1.54	20	6	175	<.5	.15	<.1	18	32	43	3.17	.06	10	.84	432	2	<.01	19	550	8	<.5	<.20	25	.13	<.10	88	<.10	5	66
93	L 41400E 39550N	<.2	1.72	5	10	70	<.5	.53	<.1	17	36	28	3.53	.06	<.10	.68	368	1	<.01	18	1020	10	5	<.20	23	.11	<.10	90	<.10	2	88
94	L 41400E 39575N	<.2	2.00	5	10	65	<.5	.49	<.1	19	37	31	2.84	.06	<.10	.72	267	1	<.01	14	580	8	5	<.20	20	.11	<.10	81	<.10	3	55
95	L 41400E 39600N	<.2	1.55	5	8	50	<.5	.42	<.1	12	30	29	2.80	.06	<.10	.64	337	1	.01	15	770	6	<.5	<.20	20	.11	<.10	80	<.10	3	73
96	L 41400E 39625N	<.2	1.66	<.5	10	55	<.5	.39	<.1	16	28	20	2.25	.06	<.10	.43	895	<.1	.01	13	600	4	5	<.20	20	.11	<.10	64	<.10	3	83
97	L 41450E 39550N	<.2	1.29	<.5	10	70	<.5	.38	<.1	14	21	43	2.62	.09	<.10	.50	220	1	.01	15	430	6	<.5	<.20	20	.10	<.10	74	<.10	5	53
98	L 41450E 39575N	<.2	1.71	<.5	10	45	<.5	.37	<.1	12	26	33	2.54	.06	<.10	.56	275	1	.01	14	500	4	<.5	<.20	19	.10	<.10	73	<.10	2	50
99	L 41450E 39600N	<.2	1.33	5	10	40	<.5	.38	<.1	12	25	23	2.78	.05	<.10	.32	282	1	.01	11	2140	6	<.5	<.20	24	.11	<.10	65	<.10	1	82
100	L 41450E 39625N	<.2	2.07	<.5	8	70	<.5	.28	<.1	14	22	52	2.80	.10	<.10	.80	447	1	<.01	19	620	4	5	<.20	25	.10	<.10	71	<.10	4	57

#	DESCRIPTION	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
101 -	L 41450E 39650N	<.2	1.63	5	10	50	<5	.47	<1	18	30	20	2.80	.04	<10	.18	480	1	.02	15	600	6	<5	<20	19	.07	<10	51	<10	<1	59
102 -	L 41450E 39675N	<.2	.79	10	8	50	<5	.17	<1	14	13	49	3.11	.07	<10	.40	433	1	<.01	20	480	6	<5	<20	30	.06	<10	57	<10	<1	64
103 -	L 41450E 39700N	<.2	1.11	15	8	50	<5	.44	<1	17	18	61	3.27	.10	<10	.91	432	2	.01	18	730	8	<5	<20	32	.12	<10	99	<10	4	68
104 -	L 41450E 39800N	<.2	1.80	<5	10	50	<5	.55	<1	18	34	27	2.49	.04	<10	.28	251	1	.01	12	570	4	<5	<20	16	.07	<10	61	<10	<1	53
105 -	L 41450E 39825N	<.2	.97	5	8	60	<5	.20	<1	11	17	21	3.12	.03	<10	.12	317	1	.01	15	890	8	<5	<20	24	.07	<10	53	<10	<1	71
106 -	L 41450E 39850N	<.2	.70	15	8	65	<5	.22	<1	13	12	25	2.64	.03	<10	.21	752	1	.01	12	770	6	<5	<20	25	.06	<10	61	<10	<1	68
107 -	L 41450E 39875N	<.2	.92	15	10	85	<5	.26	<1	13	19	43	4.63	.05	<10	.28	1646	2	.01	26	1140	10	<5	<20	42	.06	<10	60	<10	1	151
108 -	L 41450E 39900N	.4	1.75	40	10	140	<5	.51	<1	27	23	38	3.46	.05	<10	.46	558	1	.01	23	670	10	<5	<20	26	.12	<10	73	<10	3	104
109 -	L 41450E 39925N	.2	1.88	10	12	80	<5	.37	<1	19	24	21	3.15	.03	<10	.26	386	1	.02	15	670	8	<5	<20	21	.09	<10	69	<10	<1	95
110 -	L 41450E 39950N	.2	1.10	20	10	60	<5	.26	<1	15	18	81	6.49	.01	<10	.25	1124	2	.01	31	750	10	<5	<20	24	.07	<10	110	<10	<1	121
111 -	L 41450E 39975N	<.2	1.30	45	10	55	<5	.26	<1	31	26	27	4.34	.04	<10	.43	1047	1	.01	15	1050	12	<5	<20	29	.13	<10	100	<10	<1	145
112 -	L 41450E 40000N	<.2	2.26	20	8	120	<5	.40	<1	19	28	74	4.72	.07	<10	.61	841	2	.01	20	1210	16	5	<20	14	.07	<10	106	<10	<1	146
113 -	L 41450E 40025N	.4	2.00	25	8	60	<5	.25	<1	24	24	85	7.84	.03	<10	.64	465	2	.01	18	2590	20	5	<20	34	.17	<10	154	<10	<1	88
114 -	L 41450E 40225N	<.2	3.42	40	10	40	<5	.47	<1	26	48	35	3.21	.06	<10	.66	351	2	<.01	17	620	12	5	<20	20	.12	<10	86	<10	3	69
115 -	L 41450E 40250N	<.2	2.69	<5	10	80	<5	.24	<1	18	49	16	3.25	.04	<10	.42	254	4	.01	15	770	8	<5	<20	12	.11	<10	102	<10	1	124
116 -	L 41450E 40275N	<.2	1.52	<5	8	60	<5	.22	1	12	29	81	4.85	.04	10	.41	259	76	<.01	58	990	12	5	<20	16	.03	<10	79	<10	<1	202
117 -	L 41450E 40300N	1.0	2.09	15	10	105	<5	.22	1	19	30	39	4.15	.10	<10	1.12	741	4	<.01	23	440	6	5	<20	52	.11	<10	85	<10	3	85
118 -	L 41450E 40375N	<.2	2.61	<5	12	165	<5	1.02	<1	26	47	33	3.95	.07	<10	.86	289	2	<.01	19	320	2	<5	<20	34	.10	<10	102	<10	<1	83
119 -	L 41450E 40400N	<.2	3.05	<5	10	150	<5	.55	1	21	39	42	3.28	.06	<10	.44	385	<1	.01	17	1340	2	<5	<20	18	.10	<10	65	<10	<1	88
120 -	L 41500E 39775N	<.2	2.15	<5	8	65	<5	.25	<1	17	23	45	3.11	.05	<10	.33	388	<1	.01	13	860	4	<5	<20	14	.05	<10	70	<10	<1	73
121 -	L 41500E 39800N	<.2	1.47	<5	8	70	<5	.19	<1	14	20	24	2.78	.04	<10	.28	277	<1	.01	12	610	2	<5	<20	13	.08	<10	71	<10	<1	69
122 -	L 41500E 39825N	<.2	1.21	5	8	70	<5	.18	<1	11	19	17	2.72	.04	<10	.28	227	<1	.01	11	580	4	<5	<20	19	.10	<10	79	<10	<1	68
123 -	L 41500E 39850N	<.2	1.34	<5	8	65	<5	.21	<1	11	20	15	2.79	.03	<10	.22	260	<1	.01	12	420	4	<5	<20	14	.07	<10	73	<10	<1	59
124 -	L 41500E 39875N	<.2	1.19	<5	8	70	<5	.12	<1	11	17	40	3.64	.06	<10	.65	292	<1	.01	19	670	2	<5	<20	14	.08	<10	94	<10	<1	73
125 -	L 41500E 39900N	<.2	1.99	<5	8	70	<5	.17	<1	16	31	5	1.25	.04	<10	.08	241	<1	.01	3	250	2	<5	<20	8	.06	<10	44	<10	<1	26
126 -	L 41500E 39925N	<.2	.37	<5	6	40	<5	.07	<1	5	8	43	2.95	.04	<10	.39	267	<1	.01	16	460	2	<5	<20	17	.06	<10	67	<10	<1	51
127 -	L 41500E 39950N	<.2	1.22	<5	8	60	<5	.18	<1	12	18	34	4.40	.02	<10	.34	350	1	.01	23	490	10	<5	<20	22	.07	<10	75	<10	<1	88
128 -	L 41500E 39975N	<.2	1.31	45	10	50	<5	.18	<1	19	20	32	2.59	.03	<10	.36	280	2	.01	13	340	2	<5	<20	13	.05	<10	70	<10	<1	51
129 -	L 41500E 40000N	<.2	1.34	<5	8	40	<5	.19	<1	11	19	26	3.54	.03	<10	.47	253	1	.01	13	490	4	<5	<20	20	.09	<10	111	<10	<1	69
130 -	L 41500E 40025N	<.2	1.92	<5	8	65	<5	.25	<1	12	29	26	4.31	.03	<10	.49	231	9	.01	16	920	6	<5	<20	9	.18	<10	142	<10	2	80
131 -	L 41500E 40225N	<.2	2.21	5	10	55	<5	.11	<1	13	38	21	2.90	.05	<10	.41	410	1	.01	12	700	4	5	<20	13	.09	<10	92	<10	1	57
132 -	L 41500E 40250N	<.2	1.84	<5	8	80	<5	.26	<1	11	25	24	4.07	.06	<10	.59	271	1	<.01	16	730	4	<5	<20	16	.10	<10	121	<10	<1	91
133 -	L 41500E 40275N	<.2	2.32	<5	8	110	<5	.33	1	14	34	40	4.15	.07	<10	.87	377	2	<.01	27	470	4	<5	<20	21	.13	<10	104	<10	3	142
134 -	L 41500E 40300N	<.2	3.22	<5	12	125	<5	.46	1	24	44	13	3.62	.03	<10	.23	140	1	.01	10	890	6	<5	<20	12	.10	<10	91	<10	<1	79
135 -	L 41500E 40350N	<.2	1.60	<5	8	85	<5	.18	<1	10	25	73	7.28	.07	<10	.29	1517	<1	.01	16	980	4	<5	<20	17	.07	<10	121	<10	<1	98
136 -	L 41500E 40375N	<.2	1.85	25	10	305	<5	.24	<1	40	12	43	5.32	.07	<10	.27	223	<1	.01	4	670	6	<5	<20	10	.02	<10	106	<10	<1	42

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#	DESCRIPTION	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
137 -	L 41500E 40400N	<.2	1.49	10	6	140	<5	.19	<1	17	3	48	4.29	.09	<10	.73	558	<1	.01	4	900	2	<5	<20	37	.10	<10	170	<10	<1	52
138 -	L 41500E 40425N	<.2	1.85	<5	8	60	<5	.35	<1	18	6	29	4.08	.05	<10	.41	205	<1	.01	12	550	18	<5	<20	13	.08	<10	103	<10	<1	53
139 -	L 41500E 40450N	<.2	1.57	<5	8	75	<5	.15	<1	14	30	16	2.52	.02	<10	.12	236	<1	.02	7	700	4	<5	<20	14	.07	<10	50	<10	<1	54
140 -	L 41550E 39975N	<.2	.60	5	8	55	<5	.11	<1	9	13	47	3.70	.05	<10	.50	295	1	.01	17	410	4	<5	<20	20	.04	<10	105	<10	<1	71
141 -	L 41550E 40000E	<.2	2.14	<5	10	75	<5	.26	<1	15	29	30	2.94	.05	<10	.13	276	<1	.01	12	390	6	<5	<20	19	.03	<10	50	<10	<1	56
142 -	L 41550E 40025N	.2	.83	5	6	80	<5	.21	<1	12	8	36	2.78	.04	<10	.16	1391	<1	.01	9	590	4	<5	<20	26	.05	<10	66	<10	<1	61
143 -	L 41550E 40050N	<.2	1.03	10	8	175	<5	.26	<1	15	14	16	3.33	.04	<10	.38	200	1	.01	16	980	8	<5	<20	12	.14	<10	86	<10	2	104
144 -	L 41550E 40200N	<.2	2.70	<5	10	75	<5	.22	1	13	29	32	3.68	.06	<10	.61	355	1	.01	18	960	6	<5	<20	16	.13	<10	104	<10	2	133
145 -	L 41550E 40225N	<.2	2.81	<5	10	95	<5	.36	1	15	38	26	5.08	.05	<10	.58	609	2	<.01	19	1370	10	<5	<20	17	.15	<10	136	<10	<1	115
14 -	L 41550E 40250N	<.2	3.15	<5	8	80	<5	.37	<1	18	45	24	3.16	.03	<10	.45	331	2	.01	18	610	10	<5	<20	20	.14	<10	94	<10	3	96
1 -	L 41550E 40275N	.2	1.88	<5	10	100	<5	.29	<1	14	28	38	4.39	.07	<10	.77	390	3	<.01	21	770	8	5	<20	14	.11	<10	120	<10	<1	97
148 -	L 41550E 40300N	<.2	3.11	<5	10	110	<5	.35	<1	17	46	24	3.97	.06	<10	.50	294	2	<.01	12	870	8	5	<20	16	.09	<10	120	<10	<1	74
149 -	L 41550E 40325N	<.2	2.54	<5	10	90	<5	.38	1	13	31	88	4.64	.08	10	.56	232	3	<.01	32	720	6	10	<20	11	.03	<10	76	<10	<1	162
150 -	L 41550E 40350N	<.2	2.47	15	8	85	<5	.22	1	18	33	19	4.50	.05	<10	.25	362	<1	.01	8	400	2	<5	<20	13	.06	<10	118	<10	<1	46
151 -	L 41550E 40375N	<.2	1.22	<5	8	135	<5	.25	<1	18	10	51	6.60	.10	<10	.27	1718	<1	<.01	9	1180	8	<5	<20	14	.05	<10	100	<10	<1	90
152 -	L 41550E 40400N	<.2	1.32	20	10	250	<5	.38	<1	31	10	49	3.64	.05	<10	.46	337	1	.01	19	550	8	<5	<20	19	.07	<10	80	<10	<1	65
153 -	L 41550E 40425N	<.2	1.77	20	10	85	<5	.29	<1	19	23	66	6.83	.13	<10	.57	443	1	<.01	12	920	20	<5	<20	9	.05	<10	136	<10	<1	87
154 -	L 41550E 40450N	<.2	2.51	40	10	150	<5	.16	<1	27	16	29	3.22	.06	<10	.37	422	1	.01	20	870	12	<5	<20	16	.10	<10	80	<10	<1	160
155 -	L 41600E 39825N	<.2	2.05	20	12	100	<5	.28	<1	17	30	364	11.91	<.01	<10	.31	911	6	<.01	78	1100	30	<5	<20	18	.01	<10	79	<10	<1	147
156 -	L 41600E 39850N	.2	.95	130	12	45	<5	.16	<1	45	39	33	4.19	.03	<10	.29	407	2	.01	21	730	12	<5	<20	15	.09	<10	88	<10	<1	127
157 -	L 41600E 39875N	<.2	1.51	35	10	90	<5	.19	<1	16	27	19	4.02	.03	<10	.23	288	1	.01	17	830	14	<5	<20	21	.11	<10	71	<10	<1	131
158 -	L 41600E 39900N	<.2	1.49	45	12	75	<5	.23	<1	14	24	10	2.28	.03	<10	.13	212	<1	.01	9	490	8	<5	<20	11	.10	<10	59	<10	<1	62
159 -	L 41600E 39925N	<.2	.57	20	12	30	<5	.14	<1	9	11	55	5.91	.01	<10	.32	618	1	.01	31	690	16	<5	<20	22	.09	<10	100	<10	<1	143
160 -	L 41600E 39950N	<.2	1.90	100	10	85	<5	.25	<1	25	33	51	3.90	.06	<10	.85	1945	5	<.01	79	820	10	5	<20	53	.12	<10	73	<10	6	259
161 -	L 41600E 40375N	.4	2.81	25	16	150	<5	1.28	4	26	49	42	4.42	.07	<10	.91	449	3	<.01	30	980	14	5	<20	20	.12	<10	103	<10	2	155
162 -	L 41600E 40400N	<.2	2.75	30	14	145	<5	.49	<1	20	52	44	5.41	.07	<10	.32	230	<1	<.01	9	730	12	5	<20	14	.03	<10	129	<10	<1	69
164 -	L 41600E 40425N	<.2	1.86	35	8	155	<5	.22	<1	16	17	115	9.61	.08	<10	.51	668	<1	.01	10	910	98	<5	<20	15	.02	<10	157	<10	<1	85
164 -	L 41600E 40450N	<.2	2.52	60	8	310	<5	.31	<1	42	7	25	3.16	.03	<10	.20	582	<1	.02	12	470	8	<5	<20	19	.08	<10	65	<10	<1	104
165 -	L 41650E 39875N	.2	1.27	20	12	70	<5	.22	<1	16	16	29	3.72	.03	<10	.25	545	<1	.01	21	1230	10	<5	<20	17	.11	<10	82	<10	<1	167
166 -	L 41650E 39900N	.2	1.45	30	12	75	<5	.20	<1	19	36	22	4.07	.04	<10	.25	753	1	.01	21	1310	14	<5	<20	24	.14	<10	72	<10	<1	131
167 -	L 41650E 39925N	<.2	1.74	35	12	100	<5	.29	<1	20	22	42	5.01	.07	<10	.17	506	2	.01	26	960	16	<5	<20	26	.05	<10	46	<10	<1	98
168 -	L 41650E 39950N	<.2	.75	45	10	120	<5	.33	<1	21	14	16	3.74	.02	<10	.16	365	1	.01	21	460	10	<5	<20	14	.07	<10	73	<10	<1	86
169 -	L 41650E 39975N	<.2	.82	55	8	55	<5	.12	<1	14	20	62	6.89	<.01	<10	.21	1240	2	.01	38	1100	14	<5	<20	28	.06	<10	88	<10	<1	136
170 -	L 41650E 40000N	.4	1.20	95	12	70	<5	.28	<1	32	27	30	4.64	<.01	<10	.18	329	1	.01	19	640	12	5	<20	16	.07	<10	79	<10	<1	82

AGE 6

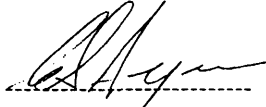
AUGUST 13, 1991

#	DESCRIPTION	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
171 -	L 41650E 40025N	.2	.98	85	8	40	<5	.18	<1	16	19	33	5.17	.02	<10	.32	776	2	.01	22	760	10	<5	<20	17	.07	<10	112	<10	<1	102
172 -	L 41650E 40050N	<.2	1.66	60	12	130	<5	.16	<1	25	33	43	4.93	.06	<10	.47	410	1	.01	30	680	14	<5	<20	24	.07	<10	129	<10	<1	131
173 -	L 41650E 40075N	<.2	2.09	50	10	115	<5	.30	<1	18	46	130	5.43	.06	<10	1.01	299	2	<.01	44	1050	12	5	<20	25	.03	<10	118	<10	<1	157
174 -	L 41650E 40100N	.2	3.00	50	10	155	<5	.27	<1	22	54	57	6.62	.01	<10	.31	586	5	.01	40	1140	62	5	<20	26	.09	<10	111	<10	<1	222
175 -	L 41650E 40125N	<.2	1.38	55	14	100	<5	.18	<1	31	37	108	5.37	.05	<10	.43	985	4	<.01	33	1390	12	<5	<20	33	.05	<10	92	<10	<1	152
176 -	L 41650E 40150N	.4	1.82	80	10	165	<5	.33	<1	24	31	35	3.46	.06	<10	.31	389	1	.01	19	1430	10	<5	<20	20	.09	<10	68	<10	<1	128
177 -	L 41700E 39900N	.2	1.86	20	12	105	<5	.27	<1	15	27	37	3.89	.08	<10	.23	1604	1	.01	17	950	8	<5	<20	20	.10	<10	76	<10	<1	152
178 -	L 41700E 39925N	<.2	1.63	35	10	75	<5	.22	<1	22	25	32	5.20	.04	<10	.30	432	1	.01	21	1450	18	<5	<20	17	.19	<10	93	<10	<1	175
179 -	L 41700E 39950N	<.2	2.41	35	10	75	<5	.20	<1	20	30	21	3.93	.05	<10	.23	481	<1	.01	20	660	12	<5	<20	26	.13	<10	82	<10	<1	132
180 -	L 41700E 39975N	<.2	1.47	35	10	110	<5	.22	<1	20	28	50	5.29	.02	<10	.35	868	2	.01	33	780	14	<5	<20	29	.09	<10	94	<10	<1	167
181 -	L 41700E 40000N	<.2	1.86	55	12	140	<5	.29	<1	25	32	50	4.26	.03	<10	.24	1181	<1	.01	20	630	10	<5	<20	37	.09	<10	93	<10	1	132
182 -	L 41700E 40025N	<.2	1.27	30	12	105	<5	.37	<1	22	23	69	6.29	.02	<10	.28	1089	2	.01	30	840	18	<5	<20	33	.11	<10	90	<10	<1	171
183 -	L 41700E 40050N	<.2	1.68	40	12	95	<5	.28	<1	31	24	42	4.10	.04	<10	.54	278	2	.01	26	800	12	<5	<20	23	.12	<10	103	<10	<1	121
184 -	L 41700E 40075N	<.2	2.37	30	12	105	<5	.39	<1	17	36	21	3.75	.03	<10	.54	333	1	<.01	18	900	14	<5	<20	14	.11	<10	100	<10	<1	134
185 -	L 41750E 39575N	<.2	2.31	30	8	80	<5	.27	<1	16	35	35	4.21	.04	<10	.53	331	1	.01	21	1680	16	<5	<20	15	.14	<10	82	<10	1	243
186 -	L 41750E 39600N	.2	2.59	30	12	90	<5	.24	<1	18	34	12	3.21	.03	<10	.30	330	1	.01	11	1220	12	<5	<20	12	.13	<10	74	<10	1	121
187 -	L 41750E 39625N	.2	2.35	20	10	60	<5	.22	<1	14	25	55	4.09	.04	<10	.66	495	1	.01	33	690	16	<5	<20	19	.11	<10	73	<10	2	162
188 -	L 41750E 39650N	<.2	2.93	30	12	100	<5	.28	<1	27	37	12	2.09	.02	<10	.32	180	<1	.01	10	150	12	<5	<20	21	.10	<10	62	<10	2	90
189 -	L 41750E 39675N	<.2	1.40	15	10	60	<5	.23	<1	10	21	27	4.05	.04	<10	.49	344	1	.01	34	1110	18	5	<20	24	.21	<10	78	<10	4	149
190 -	L 41800E 39925N	<.2	2.82	20	14	65	<5	.38	<1	25	32	28	3.67	.03	<10	.26	550	<1	.01	21	1240	12	<5	<20	17	.12	<10	82	<10	1	178
191 -	L 41800E 39950N	<.2	2.26	20	12	140	<5	.76	<1	19	37	42	3.31	.04	10	.70	758	2	<.01	23	310	10	5	<20	54	.12	<10	83	<10	7	93
192 -	L 41800E 39975N	<.2	2.25	40	10	115	<5	.30	<1	24	36	21	4.53	.01	10	.38	300	2	.01	25	610	14	5	<20	28	.12	<10	77	<10	<1	111
193 -	L 41800E 40200N	<.2	2.37	45	10	115	<5	.38	<1	21	35	62	5.31	.04	10	.51	368	1	<.01	21	1460	16	5	<20	24	.15	<10	118	<10	<1	136
194 -	L 41800E 40225N	.2	1.56	75	8	265	<5	.37	<1	17	20	42	4.10	.06	10	.33	1004	1	<.01	15	710	10	5	<20	28	.05	<10	81	<10	<1	88
195 -	L 41800E 40250N	<.2	1.44	30	10	80	<5	.26	<1	10	23	13	2.76	.03	10	.33	392	1	<.01	9	440	12	<5	<20	13	.13	<10	89	<10	3	67
196 -	L 41800E 40275N	<.2	2.90	35	14	165	<5	.48	<1	21	45	38	4.12	.04	10	.86	660	1	<.01	24	1120	16	5	<20	17	.16	<10	106	<10	3	128
197 -	L 41800E 40300N	<.2	1.78	35	12	115	<5	.21	<1	15	33	31	3.47	.03	10	.34	493	2	<.01	17	620	12	<5	<20	13	.06	<10	98	<10	<1	101
198 -	L 41850E 39650N	<.2	1.89	30	10	60	<5	.20	<1	12	27	14	3.30	.02	<10	.36	197	2	<.01	10	350	14	<5	<20	13	.12	<10	98	<10	1	84
199 -	L 41850E 39675N	.4	1.71	15	10	65	<5	.57	<1	11	20	14	2.22	.02	<10	.31	329	<1	<.01	10	260	12	<5	<20	38	.09	<10	66	<10	2	79
200 -	L 41850E 39700N	.6	3.91	40	12	80	<5	.18	<1	27	27	32	4.66	.03	<10	.36	645	1	.01	23	2680	20	5	<20	12	.13	<10	58	<10	1	175
201 -	L 41850E 39725N	.4	2.40	40	10	120	<5	.25	<1	17	36	43	4.15	.03	10	.53	331	1	.01	22	1040	14	5	<20	17	.11	<10	95	<10	<1	144
202 -	L 41850E 39750N	<.2	1.74	35	10	90	<5	.46	<1	21	30	75	3.76	.06	10	.56	834	1	<.01	21	790	12	5	<20	29	.08	<10	81	<10	<1	97

T#	DESCRIPTION	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
235 -	L 41950E 40175N	<.2	2.12	10	6	110	<5	.28	<1	14	36	24	4.89	.07	<10	.55	247	2	<.01	19	800	14	<5	<20	16	.09	<10	101	<10	<1	89
236 -	L 41950E 40200N	.2	1.87	10	6	85	<5	.17	<1	11	24	18	3.55	.03	<10	.28	198	1	<.01	13	820	12	<5	<20	10	.08	<10	70	<10	<1	75
237 -	L 41950E 40225N	.4	2.79	15	6	135	<5	.20	<1	16	38	37	5.14	.04	<10	.62	298	2	<.01	23	1170	12	5	<20	12	.09	<10	88	<10	<1	109
238 -	L 42000E 39825N	.2	1.90	15	6	155	<5	.17	<1	17	20	44	4.84	.03	<10	.36	595	1	.01	22	1200	10	<5	<20	21	.05	<10	57	<10	<1	125
239 -	L 42000E 39850N	<.2	1.56	15	4	110	<5	.29	<1	17	27	36	4.51	.03	<10	.40	477	1	<.01	16	550	12	<5	<20	20	.06	<10	84	<10	<1	84
240 -	L 42000E 39875N	<.2	.74	10	8	60	<5	.07	<1	10	13	9	3.05	.02	<10	.12	213	<1	.01	7	470	8	<5	<20	7	.05	<10	66	<10	<1	55
241 -	L 42000E 39900N	<.2	2.55	10	8	125	<5	.28	<1	19	36	48	5.10	.04	<10	.68	357	1	<.01	26	1150	14	5	<20	15	.06	<10	87	<10	<1	114
242 -	L 42000E 39925N	.2	2.31	25	10	140	<5	.23	<1	23	35	42	5.50	.03	<10	.41	858	1	.01	29	1390	12	5	<20	16	.08	<10	65	<10	<1	173
243 -	L 42000E 40225N	.2	.93	20	6	85	<5	.21	<1	17	20	22	4.68	.01	<10	.18	1124	2	.01	17	720	12	<5	<20	20	.07	<10	78	<10	<1	96
244 -	L 42000E 40250N	.6	2.03	30	6	125	<5	.31	<1	23	23	41	5.03	.03	<10	.33	631	2	<.01	25	1120	14	<5	<20	25	.06	<10	58	<10	<1	108
245 -	L 42000E 40275N	.4	1.68	20	8	260	<5	.41	<1	17	29	48	4.88	.05	<10	.45	795	1	<.01	19	1040	12	<5	<20	32	.07	<10	81	<10	<1	100

OTE: < = LESS THAN
> = GREATER THAN

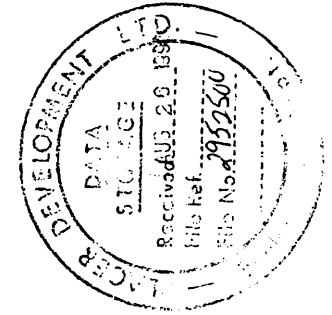
C91/PLACER



ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

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. - ETK 91-534
 401, 1540 PEARSON PLACE
 KAMLOOPS, B.C.
 V1S 1J9



GUST 13, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 0378 *Prss*
 238 SOIL SAMPLES RECEIVED JULY 24, 1991

#	DESCRIPTION	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
-	L 38800E 39200N	.2	1.69	5	10	75	<5	.45	<1	14	35	35	2.86	.07	10	.69	212	2	<.01	16	870	30	<5	<20	17	.16	<10	84	<10	6	77
-	L 38800E 39225N	<.2	1.98	5	12	75	<5	.48	<1	15	44	43	3.29	.09	10	.88	281	2	<.01	22	830	30	5	<20	17	.14	<10	96	<10	4	88
3 -	L 38800E 39250N	.2	2.19	<5	10	60	<5	.48	<1	16	47	32	3.10	.07	10	.75	210	2	.01	22	1360	28	<5	<20	17	.16	<10	88	<10	5	86
4 -	L 38800E 39275N	<.2	2.60	<5	12	270	<5	.28	<1	12	31	18	3.11	.05	10	.49	344	1	<.01	16	1740	22	<5	<20	77	.14	<10	73	<10	2	104
5 -	L 38800E 39300N	<.2	3.61	<5	12	80	<5	.29	<1	14	47	37	4.09	.06	10	.78	290	3	.01	17	1240	44	5	<20	11	.18	<10	114	<10	5	87
6 -	L 38800E 39325N	<.2	2.05	<5	12	55	<5	.20	<1	11	31	19	3.00	.04	<10	.40	186	1	.01	10	760	32	<5	<20	11	.16	<10	92	<10	3	54
7 -	L 38800E 39350N	<.2	1.71	10	12	55	<5	.39	<1	13	36	27	3.18	.06	10	.74	345	2	.01	14	1760	26	<5	<20	13	.13	<10	99	<10	4	64
8 -	L 38800E 39375N	<.2	1.98	5	12	80	<5	.47	<1	18	50	47	3.57	.12	10	1.07	505	3	.01	18	720	34	5	<20	18	.15	<10	109	<10	4	87
9 -	L 38800E 39400N	<.2	2.01	5	12	60	<5	.54	<1	15	50	50	3.59	.13	10	1.16	401	2	.01	20	860	34	5	<20	18	.15	<10	107	<10	5	75
10 -	L 38800E 39425N	<.2	2.14	10	10	55	<5	.53	<1	16	54	68	3.74	.14	10	1.25	383	3	.01	22	740	46	5	<20	18	.15	<10	104	<10	4	78
11 -	L 38800E 39450N	.4	2.26	<5	12	95	<5	.40	<1	13	48	71	3.36	.12	10	1.04	313	2	.01	19	510	48	5	<20	18	.15	<10	97	<10	6	76
12 -	L 38800E 39475N	<.2	1.84	5	10	65	<5	.47	<1	13	46	46	3.05	.13	10	1.13	302	2	.01	18	450	30	5	<20	18	.16	<10	99	<10	6	62
13 -	L 38800E 39500N	.2	2.29	<5	12	80	<5	.47	<1	18	54	85	3.92	.17	10	1.22	442	4	.01	24	570	40	5	<20	21	.13	<10	105	<10	6	86
14 -	L 38800E 39525N	<.2	1.76	<5	12	55	<5	.54	<1	12	39	40	3.18	.09	10	.94	288	3	<.01	15	790	32	<5	<20	25	.12	<10	99	<10	4	62
15 -	L 38100E 39200N	<.2	2.33	<5	10	100	<5	.20	<1	11	30	21	2.95	.05	10	.48	286	1	<.01	13	690	18	<5	<20	17	.12	<10	79	<10	2	67
16 -	L 38100E 39225N	<.2	2.13	<5	12	55	<5	.49	<1	14	45	50	3.38	.08	10	1.05	301	2	<.01	17	370	48	5	<20	20	.15	<10	105	<10	5	57
17 -	L 38100E 39250N	<.2	1.95	5	10	90	<5	.34	<1	15	41	45	2.95	.08	10	.79	315	2	.01	17	520	36	5	<20	17	.15	<10	91	<10	5	63
-	L 38100E 39275N	<.2	2.24	<5	10	240	<5	.28	<1	12	31	21	2.85	.05	10	.64	318	2	.01	12	690	18	<5	<20	49	.13	<10	78	<10	3	75
19 -	L 38100E 39300N	.2	3.03	<5	12	125	<5	.16	<1	12	21	10	2.48	.04	<10	.23	441	1	<.01	7	1210	18	<5	<20	20	.13	<10	53	<10	3	66
20 -	L 38100E 39325N	<.2	1.68	5	10	70	<5	.53	<1	18	40	38	3.20	.14	10	1.04	571	2	<.01	17	1310	34	5	<20	18	.14	<10	99	<10	5	70
21 -	L 38100E 39350N	<.2	2.11	<5	12	225	<5	.65	<1	17	52	68	3.34	.12	20	1.27	452	1	.01	24	270	30	5	<20	29	.14	<10	103	<10	13	63
22 -	L 38100E 39375N	<.2	2.07	<5	12	230	<5	.79	<1	18	55	85	3.59	.16	20	1.33	600	2	<.01	25	430	36	5	<20	37	.15	<10	105	<10	18	72
23 -	L 38100E 39400N	.6	2.71	<5	12	375	<5	.85	<1	21	63	123	4.30	.18	30	1.35	850	3	.01	35	540	44	5	<20	48	.12	<10	111	<10	25	94
24 -	L 38100E 39425N	<.2	2.01	<5	12	190	<5	.83	<1	20	53	74	3.56	.20	10	1.38	626	2	<.01	25	640	64	5	20	37	.14	<10	104	<10	13	73
25 -	L 38100E 39450N	<.2	1.84	<5	14	155	<5	.71	<1	21	47	68	3.29	.19	10	1.22	660	4	.01	20	490	38	5	<20	29	.14	<10	100	<10	8	76
26 -	L 38100E 39475N	<.2	2.05	10	12	125	<5	.72	<1	22	47	86	3.89	.42	10	1.47	678	7	<.01	23	680	46	5	<20	29	.15	<10	114	<10	7	88

AGE 6

AUGUST 13, 1991

#	DESCRIPTION	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
171 -	L 39300E 39250N	<.2	1.89	<5	8	120	<5	.48	<1	12	38	35	3.71	.04	<10	.65	259	1	<.01	13	330	24	5	<20	26	.10	<10	94	<10	<1	70
172 -	L 39300E 39275N	.4	4.41	20	8	215	<5	.30	<1	26	85	161	6.10	.13	<10	1.15	374	5	.01	63	340	38	5	<20	26	.09	<10	133	<10	1	95
173 -	L 39300E 39300N	<.2	3.04	10	8	165	<5	.33	<1	21	57	121	4.66	.08	20	.86	518	3	.01	26	400	36	5	<20	21	.11	<10	107	<10	20	84
174 -	L 39300E 39325N	<.2	1.94	5	6	85	<5	.31	<1	18	37	37	3.70	.07	<10	.76	338	2	<.01	15	640	24	5	<20	17	.13	<10	96	<10	1	88
175 -	L 39300E 39350N	.4	1.87	10	10	165	<5	.73	<1	22	44	167	3.84	.13	10	.93	772	1	<.01	32	720	24	5	<20	29	.09	<10	75	<10	19	71
176 -	L 39300E 39375N	.6	2.88	10	6	130	<5	.87	<1	24	55	61	4.16	.07	<10	1.14	492	1	<.01	31	550	20	5	<20	30	.10	<10	80	<10	11	93
177 -	L 39300E 39400N	<.2	1.42	5	8	65	<5	.34	<1	15	32	36	3.38	.06	<10	.83	449	1	<.01	13	480	20	5	<20	9	.13	<10	95	<10	2	86
178 -	L 39300E 39425N	.2	1.70	10	8	115	<5	.81	<1	20	46	94	3.51	.14	<10	1.10	903	2	<.01	29	820	26	5	<20	33	.09	<10	80	<10	8	78
179 -	L 39300E 39450N	<.2	2.22	10	10	85	<5	.47	<1	21	54	51	3.78	.07	<10	1.22	552	1	<.01	25	350	16	5	<20	18	.11	<10	88	<10	3	71
180 -	L 39300E 39475N	<.2	1.73	10	10	135	<5	.95	<1	23	43	64	3.74	.11	<10	1.05	1457	2	<.01	26	720	18	5	<20	33	.08	<10	82	<10	5	76
181 -	L 39300E 39500N	.2	1.97	10	8	115	<5	.60	<1	21	52	100	3.73	.11	<10	1.13	721	3	<.01	29	560	20	5	<20	28	.10	<10	87	<10	5	82
182 -	L 39300E 39525N	<.2	1.73	10	8	75	<5	.48	<1	18	44	52	3.40	.06	<10	1.07	446	2	<.01	22	300	18	5	<20	22	.12	<10	87	<10	4	74
183 -	L 39400E 39200N	<.2	1.21	5	8	70	<5	.22	<1	10	22	25	3.16	.03	<10	.40	170	2	.01	10	290	20	<5	<20	14	.12	<10	105	<10	<1	47
184 -	L 39400E 39225N	<.2	2.74	5	6	150	<5	.42	<1	23	37	114	5.17	.05	<10	1.08	393	2	.02	14	470	14	5	<20	42	.13	<10	152	<10	<1	90
185 -	L 39400E 39250N	<.2	1.34	5	6	75	<5	.48	<1	10	30	50	3.18	.04	<10	.62	207	3	<.01	12	230	34	5	<20	22	.09	<10	103	<10	<1	50
186 -	L 39400E 39275N	.4	1.83	10	6	85	<5	.40	<1	13	40	47	3.46	.04	<10	.68	190	3	<.01	15	240	26	<5	<20	18	.09	<10	92	<10	<1	53
187 -	L 39400E 39300N	<.2	1.78	15	8	55	<5	.35	<1	14	42	42	3.57	.05	<10	.95	339	2	.01	18	400	24	5	<20	14	.12	<10	97	<10	1	66
188 -	L 39400E 39325N	<.2	1.81	10	10	60	<5	.30	<1	17	42	55	3.46	.05	<10	.92	326	2	<.01	19	350	28	5	<20	12	.11	<10	95	<10	4	63
189 -	L 39400E 39350N	<.2	1.78	10	8	65	<5	.42	<1	17	37	69	3.62	.06	<10	1.13	336	1	<.01	20	600	20	<5	<20	13	.11	<10	88	<10	1	68
190 -	L 39400E 39375N	<.2	2.10	15	8	105	<5	.36	<1	21	42	74	3.88	.07	<10	1.06	403	1	<.01	26	480	26	5	<20	18	.10	<10	88	<10	4	65
191 -	L 39400E 39400N	<.2	2.03	10	8	65	<5	.48	<1	18	46	49	4.07	.11	<10	1.18	360	2	<.01	19	690	22	5	<20	20	.14	<10	106	<10	3	122
192 -	L 39400E 39425N	<.2	2.45	15	8	170	<5	.78	<1	23	60	136	4.12	.14	<10	1.12	588	2	<.01	38	420	32	5	<20	36	.12	<10	97	<10	9	106
193 -	L 39400E 39450N	.2	2.11	15	10	130	<5	.95	<1	25	59	128	4.35	.24	<10	1.42	838	3	<.01	36	820	42	5	<20	39	.12	<10	103	<10	14	87
194 -	L 39400E 39475N	<.2	2.12	10	10	140	<5	1.02	<1	21	54	109	4.16	.12	<10	1.16	865	3	<.01	34	660	32	5	<20	50	.09	<10	96	<10	9	80
195 -	L 39400E 39500N	.2	2.14	15	10	140	<5	1.05	<1	20	53	97	3.99	.12	<10	1.08	594	3	<.01	31	620	34	5	<20	49	.09	<10	95	<10	7	78
196 -	L 39400E 39525N	<.2	1.67	10	8	105	<5	1.04	<1	20	46	81	3.54	.12	<10	1.01	674	2	<.01	27	700	32	5	<20	43	.09	<10	85	<10	7	76
197 -	L 39500E 39200N	<.2	2.56	15	8	115	<5	.35	<1	18	56	61	4.64	.08	<10	1.06	363	4	<.01	27	290	22	5	<20	17	.11	<10	114	<10	<1	84
198 -	L 39500E 39225N	<.2	2.39	5	6	275	<5	.36	<1	18	31	75	4.34	.07	<10	.77	445	4	.01	15	510	18	<5	<20	52	.12	<10	113	<10	<1	96
199 -	L 39500E 39250N	<.2	2.50	15	8	160	<5	.56	<1	23	11	83	5.04	.10	<10	1.11	539	3	.03	9	580	22	5	<20	42	.21	<10	163	<10	3	76
200 -	L 39500E 39275N	<.2	2.34	10	8	90	<5	.43	<1	17	46	89	4.40	.06	<10	1.03	440	1	<.01	22	360	24	5	<20	22	.11	<10	106	<10	<1	76
201 -	L 39500E 39300N	<.2	2.28	15	8	110	<5	.74	<1	23	59	88	4.15	.09	<10	1.10	671	2	<.01	32	420	22	5	<20	34	.09	<10	102	<10	6	90
202 -	L 39500E 39325N	<.2	1.64	15	8	80	<5	.50	<1	13	38	33	3.72	.06	<10	.82	265	2	<.01	16	580	18	5	<20	19	.13	<10	110	<10	1	76

GE 8

AUGUST 13, 1991

#	DESCRIPTION	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA MG(%)	MN	MO NA(%)	NI	P	PB	SB	SH	SR TI(%)	U	V	W	Y	ZN
235 -	L 39700E 39450N	<.2 2.08	5	6	295	<5 .23	<1	11	32	24	3.12	.04	<10 .50	209	<1 <.01	13	740	12	<5 <20	59	.06	<10	66	<10	<1	53
236 -	L 39700E 39475N	<.2 1.74	5	6	205	<5 .17	<1	8	27	21	2.68	.03	<10 .37	150	1 <.01	9	520	12	<5 <20	27	.05	<10	69	<10	<1	38
237 -	L 39700E 39500N	<.2 2.68	5	6	555	<5 .22	<1	11	35	18	3.68	.03	<10 .46	178	1 <.01	13	1020	14	<5 <20	43	.07	<10	73	<10	<1	73
238 -	L 39700E 39525N	<.2 1.85	<5	6	280	<5 .15	<1	6	22	9	2.58	.03	<10 .22	144	<1 <.01	7	930	10	<5 <20	58	.04	<10	53	<10	<1	53

TE: < = LESS THAN

> = GREATER THAN

31/PLACER



 ECO-TECH LABORATORIES LTD.

CLINTON AYERS

LABORATORY MANAGER

ECO-TECH LABORATORIES LTD.

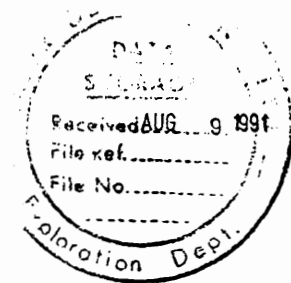
10041 EAST TRANS CANADA HWY.
 KAMLOOPS, B.C. V2C 2J3
 PHONE - 604-573-5700
 FAX - 604-573-4557

AUGUST 2, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PLACER DOME INC. - ETK 91-531

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



PROJECT: 0377
 24 SOIL SAMPLES RECEIVED JULY 24, 1991

ETB	DESCRIPTION	AG	AL(Z)	AS	B	BA	BI	CA(Z)	CB	CO	CR	CU	FE(Z)	K(Z)	LA	MG(Z)	NH	MO	NA(Z)	NI	P	PB	SB	SN	SR	T(Z)	U	V	W	Y	ZN
1 -	L 38800E 39225N	.2	2.21	<5	8	105	<5	.17	<1	12	27	13	3.16	.04	<10	.33	245	1	<.01	8	920	18	<5	<20	23	.10	<10	76	70	4	70
2 -	L 38800E 39250NA	<.2	.78	<5	6	75	<5	.05	<1	6	13	5	1.90	.02	<10	.09	167	<1	.01	4	450	12	<5	<20	10	.11	<10	56	<10	2	42
3 -	L 38800E 39250NB	<.2	2.34	<5	8	85	<5	.07	<1	8	17	7	2.61	.03	<10	.15	264	1	.01	5	1120	14	<5	<20	9	.13	<10	55	<10	3	65
4 -	L 38800E 39350N	<.2	3.00	5	10	130	<5	.43	<1	18	53	57	4.54	.09	<10	1.25	451	1	<.01	27	720	20	5	<20	16	.10	<10	96	<10	4	97
5 -	L 38800E 39375N	<.2	1.95	5	8	265	<5	.52	<1	16	41	52	3.24	.08	<10	.89	529	<1	<.01	21	290	14	5	<20	48	.10	<10	75	<10	7	58
6 -	L 38800E 39425N	<.2	2.60	5	6	290	<5	.65	<1	19	48	72	4.13	.10	10	.94	402	1	.01	23	330	20	5	<20	33	.10	<10	101	<10	9	68
7 -	L 38800E 39475N	<.2	3.26	<5	6	135	<5	.18	<1	13	33	36	4.32	.04	<10	.45	135	1	.01	10	240	20	5	<20	17	.05	<10	100	<10	<1	51
8 -	L 38800E 39500N	<.2	1.02	5	6	155	<5	.63	<1	9	11	37	2.80	.10	<10	.33	226	1	<.01	7	860	6	<5	<20	25	.01	<10	33	<10	8	31
9 -	L 38800E 39525NA	<.2	1.40	5	6	95	<5	.15	<1	10	18	23	2.99	.04	<10	.35	378	<1	<.01	9	410	14	<5	<20	13	.04	<10	71	<10	<1	47
10 -	L 38800E 39525NB	<.2	1.88	5	6	110	<5	.18	<1	12	22	30	3.44	.05	<10	.47	320	<1	<.01	12	480	16	<5	<20	14	.05	<10	77	<10	<1	57
11 -	L 38800E 39550N	<.2	2.75	5	6	105	<5	.34	<1	19	35	53	4.92	.07	<10	.84	339	1	<.01	17	420	14	5	<20	22	.07	<10	111	<10	<1	78
12 -	L 38800E 39600N	<.2	3.65	5	6	110	<5	.27	<1	30	39	123	6.81	.10	<10	1.25	577	<1	.01	21	550	26	10	<20	13	.06	<10	132	<10	<1	91
13 -	L 38800E 39650N	<.2	2.89	5	8	160	<5	.39	<1	22	46	68	5.31	.10	<10	.97	355	1	<.01	23	560	14	5	<20	12	.06	<10	104	<10	<1	90
14 -	L 38800E 39675N	<.2	3.38	5	10	140	<5	.53	<1	29	63	104	4.99	.14	<10	1.40	596	2	.01	40	730	22	10	<20	17	.09	<10	102	<10	3	82
15 -	L 38800E 39700N	<.2	3.32	<5	6	245	<5	.63	<1	27	24	67	5.60	.09	<10	.42	733	1	<.01	11	730	18	5	<20	88	.04	<10	75	<10	6	74
16 -	L 39000E 39225N	<.2	2.48	<5	8	5635	<5	.63	<1	12	7	6	1.40	.10	<10	.30	75	<1	<.01	1	330	10	<5	<20	1244	.04	<10	30	<10	1	33
17 -	L 39000E 39325N	<.2	2.67	5	12	300	<5	.58	<1	22	57	53	4.00	.10	10	1.23	562	5	<.01	30	260	30	10	<20	45	.12	<10	97	<10	9	74
18 -	L 39000E 39350N	<.2	2.62	10	8	245	<5	.83	<1	24	63	94	4.40	.16	10	1.16	1199	5	.01	38	430	28	5	<20	43	.11	<10	98	<10	14	89
19 -	L 39000E 39375N	<.2	1.71	10	10	180	<5	.76	<1	22	46	67	3.65	.10	10	.87	794	2	<.01	22	600	28	5	<20	44	.11	<10	88	<10	9	71
20 -	L 39000E 39400N	<.2	2.00	5	8	265	<5	.67	<1	19	47	68	3.65	.10	10	.94	577	1	<.01	25	420	24	5	<20	55	.10	<10	87	<10	10	72
21 -	L 39000E 39425N	<.2	1.74	10	8	180	<5	.69	<1	18	47	60	3.62	.09	10	.93	525	1	.01	23	590	26	5	<20	45	.11	<10	87	<10	8	63
22 -	L 39000E 39450N	<.2	3.09	5	10	530	<5	.92	<1	24	67	118	5.04	.22	10	1.14	710	2	<.01	38	540	26	5	<20	153	.08	<10	91	<10	23	99
23 -	L 39000E 39550N	<.2	3.31	<5	12	170	<5	.36	<1	15	58	77	4.05	.12	10	1.18	332	1	.01	23	520	22	10	<20	23	.11	<10	95	<10	5	73
24 -	L 39000E 39575N	<.2	.78	5	4	145	<5	.14	<1	7	13	10	2.15	.03	<10	.16	243	<1	.01	4	550	8	<5	<20	71	.07	<10	50	<10	1	40

NOTE: < = LESS THAN
 > = GREATER THAN

SC91/PLACER

Clinton Ayers
 ECO-TECH LABORATORIES LTD.
 CLINTON AYERS
 LABORATORY MANAGER

ECO-TECH LABORATORIES LTD.

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

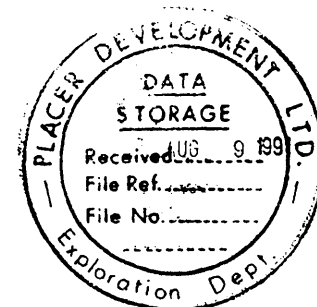
AUGUST 2, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PLACER DOME INC. - ETK 91-530

401, 1540 PEARSON PLACE
KAMLOOPS, B.C.
VIS 139



PROJECT: 0376
32 SOIL SAMPLES RECEIVED JULY 24, 1991

ETH	DESCRIPTION	AG	AL(Z)	AS	B	BA	BI	CA(Z)	CD	CO	CR	CU	FE(Z)	K(Z)	LA	MG(Z)	MM	MO	NA(Z)	NI	P	PB	SB	SN	SR	TI(Z)	U	V	W	Y	ZN
1 -	L 38800E 39200N	<.2	1.16	<5	6	235	5	.15	<1	10	13	4	2.30	.03	<10	.12	126	1	.01	4	220	6	<5	<20	55	.07	<10	55	<10	5	32
2 -	L 38800E 39275N	<.2	3.85	5	8	110	<5	.17	1	12	27	17	4.35	.05	<10	.31	236	1	.01	9	910	14	<5	<20	19	.14	<10	68	<10	5	62
3 -	L 38800E 39300N	<.2	3.75	10	10	135	<5	.25	<1	13	40	25	5.32	.07	<10	.59	362	1	.01	12	1310	14	5	<20	53	.10	<10	95	<10	1	91
4 -	L 38800E 39325N	<.2	1.32	<5	4	110	<5	.12	<1	5	15	9	2.69	.04	<10	.14	249	<1	<.01	4	490	10	<5	<20	57	.07	<10	64	<10	1	35
5 -	L 38800E 39350N	<.2	3.06	10	10	120	<5	.47	<1	18	51	50	6.05	.11	<10	1.23	536	2	<.01	23	1030	16	5	<20	21	.11	<10	103	<10	4	95
6 -	L 38800E 39375N	.4	5.19	10	10	665	<5	.76	1	23	63	104	6.86	.17	10	1.01	1249	2	.01	41	760	14	5	<20	46	.09	<10	101	<10	11	99
7 -	L 38800E 39400N	.8	5.33	20	10	645	<5	1.11	1	21	62	120	7.39	.19	10	1.03	1132	2	<.01	45	1000	10	5	<20	58	.09	<10	95	<10	19	110
8 -	L 38800E 39425N	<.2	3.32	15	10	235	<5	.50	1	19	50	58	5.98	.10	<10	.97	301	2	<.01	21	320	16	5	<20	27	.10	<10	109	<10	3	70
9 -	L 38800E 39450N	<.2	2.87	<5	6	415	<5	.21	<1	9	27	23	4.92	.07	<10	.35	135	1	<.01	7	390	12	5	<20	307	.06	<10	87	<10	<1	62
10 -	L 38800E 39475N	<.2	3.19	15	6	110	<5	.22	<1	14	40	45	6.22	.06	<10	.70	199	1	<.01	14	260	14	5	<20	31	.06	<10	95	<10	<1	54
11 -	L 38800E 39550N	<.2	2.45	5	6	70	<5	.33	<1	15	24	33	6.99	.07	<10	.49	285	1	.01	11	500	12	5	<20	21	.07	<10	135	<10	<1	66
12 -	L 38800E 39575NA	<.2	5.40	10	12	135	<5	.40	1	30	28	181	8.72	.11	<10	.96	1667	1	.01	23	1100	4	5	<20	32	.14	<10	159	<10	11	74
13 -	L 38800E 39575NB	<.2	2.72	10	12	220	<5	.64	<1	28	14	102	9.09	.08	<10	.90	3528	<1	.02	10	870	<2	5	<20	63	.14	<10	223	<10	3	87
14 -	L 38800E 39600N	<.2	3.08	10	4	75	<5	.20	<1	18	21	44	7.88	.09	<10	.68	330	<1	.01	10	590	26	5	<20	15	.06	<10	155	<10	<1	53
15 -	L 38800E 39625N	<.2	4.03	<5	10	75	<5	.42	<1	27	39	83	7.00	.08	<10	.65	533	1	.01	20	910	90	10	<20	26	.16	<10	106	<10	6	93
16 -	L 38800E 39650N	<.2	1.63	10	4	65	<5	.24	<1	12	22	25	5.27	.07	<10	.32	165	1	.01	9	480	12	<5	<20	10	.07	<10	95	<10	<1	55
17 -	L 38800E 39675N	<.2	2.29	5	8	125	<5	.44	<1	20	47	38	6.83	.12	<10	.68	414	2	<.01	16	720	12	5	<20	16	.07	<10	110	<10	<1	82
18 -	L 38800E 39700N	<.2	2.54	5	6	175	<5	.30	<1	19	21	39	7.59	.10	<10	.32	345	2	.01	9	720	14	5	<20	36	.04	<10	108	<10	<1	79
19 -	L 39000E 39200NA	<.2	2.20	<5	6	575	<5	.22	<1	7	18	14	3.74	.06	<10	.29	164	1	<.01	6	540	8	<5	<20	137	.04	<10	55	<10	<1	66
20 -	L 39000E 39200NB	<.2	2.56	10	6	850	<5	.22	<1	8	20	13	3.88	.07	<10	.28	145	1	<.01	7	550	10	<5	<20	205	.05	<10	53	<10	<1	70
21 -	L 39000E 39250N	<.2	3.82	5	10	195	<5	.28	<1	12	40	21	5.64	.06	<10	.53	179	1	<.01	12	990	14	5	<20	31	.13	<10	95	<10	3	71
22 -	L 39000E 39275N	<.2	2.76	10	8	100	<5	.14	<1	9	24	14	3.51	.04	<10	.27	133	1	.01	7	620	12	<5	<20	13	.12	<10	68	<10	4	48
23 -	L 39000E 39300N	<.2	2.95	10	10	160	<5	.33	<1	14	37	26	4.68	.08	<10	.58	250	2	<.01	15	480	18	5	<20	26	.12	<10	89	<10	4	83
24 -	L 39000E 39475N	<.2	2.59	<5	8	185	<5	.30	<1	11	34	26	4.66	.05	<10	.49	147	2	<.01	12	250	18	5	<20	32	.11	<10	97	<10	3	64
25 -	L 39000E 39500N	<.2	2.83	5	10	90	<5	.29	<1	10	32	23	5.29	.06	<10	.45	148	1	<.01	9	770	16	5	<20	24	.12	<10	80	<10	2	54
26 -	L 39000E 39525N	<.2	3.37	<5	10	100	<5	.31	<1	16	52	63	5.69	.10	<10	.91	269	2	<.01	22	560	18	5	<20	22	.13	<10	103	<10	4	73

ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK 91-530

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ET#	DESCRIPTION	AG	AL(Z)	AS	B	BA	BI	CA(Z)	CD	CO	CR	CU	FE(Z)	K(Z)	LA	MG(Z)	MN	MO	NA(Z)	NI	P	PB	SB	SM	SR	TI(Z)	U	V	W	Y	ZN
27 -	L 39000E 39550M	<.2	3.74	10	10	195	<5	.26	<1	16	53	48	6.00	.11	<10	.82	297	2	<.01	19	580	22	5	<20	20	.14	<10	110	<10	3	74
28 -	L 39000E 39600M	<.2	2.07	5	4	240	<5	.33	<1	23	46	49	8.50	.04	<10	.24	1358	1	<.01	25	840	12	5	<20	24	.02	<10	115	<10	<1	69
29 -	L 39000E 39625M	<.2	2.43	10	8	215	<5	.41	<1	18	33	61	5.90	.14	<10	.60	843	1	<.01	15	950	16	5	<20	77	.10	<10	101	<10	2	86
30 -	L 39000E 39650M	<.2	1.87	5	4	345	<5	.26	<1	24	9	85	9.57	.10	<10	.29	648	<1	<.01	18	1150	8	<5	<20	13	<.01	<10	53	<10	<1	84
31 -	L 39000E 39675M	<.2	2.19	10	10	105	<5	.32	<1	17	35	48	6.35	.09	<10	.62	404	2	.01	15	770	18	5	<20	16	.10	<10	109	<10	2	111
32 -	L 39000E 39700M	.2	3.13	5	10	120	<5	.27	1	29	46	83	9.98	.13	<10	.82	643	3	<.01	21	920	36	5	<20	15	.11	<10	136	<10	<1	150

NOTE: < = LESS THAN
> = GREATER THAN



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SC91/PLACER

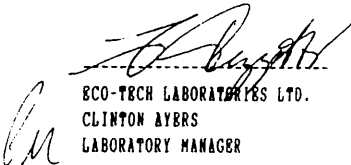
ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK91-466

PAGE 2

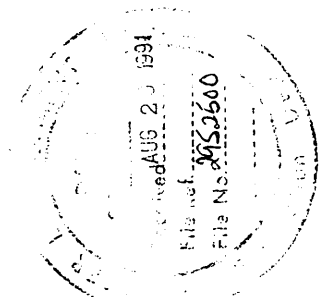
BT#	DESCRIPTION	AU(ppb)	AG AL(%)	AS	B	BA	BI CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR TI(%)	U	V	W	Y	ZN	
27	- L 40400 B 39850 M	10	.6 3.21	5	10	145 < 5	.68	1	20	50	126	4.03	.10	10	.94	582	7	<.01	35	620	24	5 < 20	32	.14	<10	97	<10	9	117
28	- L 40500 B 40450 M	5	<.2 2.89	5	10	90 < 5	.59	<1	26	53	66	4.20	.09	10	1.05	405	5	<.01	29	300	22	10 < 20	23	.18	<10	116	<10	12	101
29	- L 40600 B 39875 M	5	<.2 2.56	10	12	60 < 5	.82	<1	21	47	62	4.28	.09	<10	1.38	381	2	<.01	21	480	22	10 < 20	18	.22	<10	135	<10	9	66
30	- L 40900 B 39800 M	10	<.2 2.01	15	8	110 < 5	.66	<1	23	36	42	3.62	.10	<10	.77	1703	1	<.01	26	540	10	5 < 20	35	.12	<10	91	<10	4	126
31	- L 41200 B 40275 M	25	<.2 2.22	10	6	125 < 5	.20	<1	17	20	39	4.58	.07	<10	.48	308	<1	<.01	12	760	10	5 < 20	11	.07	<10	110	<10	<1	74
32	- L 41300 B 39950 M	10	1.2 2.03	20	6	115 < 5	.24	<1	20	35	54	4.35	.07	<10	.49	1706	3	<.01	21	1170	10	5 < 20	18	.07	<10	98	<10	<1	123
33	- L 41300 B 40600 M	5	<.2 2.72	15	10	85 < 5	.52	<1	26	48	45	4.13	.07	10	1.07	711	1	<.01	24	930	12	10 < 20	22	.14	<10	111	<10	6	93
34	- L 41400 B 40425 M	5	<.2 2.96	10	6	210 < 5	.28	<1	22	38	37	4.65	.06	<10	.63	381	2	<.01	23	740	12	5 < 20	17	.08	<10	106	<10	<1	91
35	- L 41400 B 40475 M	<5	<.2 2.05	15	6	135 < 5	.23	<1	19	50	38	4.86	.05	<10	.47	354	1	.01	17	630	10	5 < 20	16	.08	<10	123	<10	<1	81
36	- L 41400 B 40500 M	<5	<.2 3.02	20	6	180 < 5	.52	<1	26	49	69	6.36	.07	<10	.66	548	2	<.01	26	810	12	10 < 20	45	.02	<10	93	<10	<1	95
37	- L 41400 B 40525 M	5	<.2 3.20	10	8	160 < 5	.60	<1	23	47	42	4.20	.04	10	.99	502	1	<.01	25	570	16	5 < 20	33	.11	<10	95	<10	10	125
38	- L 41400 B 40550 M	10	<.2 2.24	20	10	135 < 5	1.75	1	22	50	90	4.56	.07	10	1.29	523	3	<.01	28	1130	12	10 < 20	49	.12	<10	98	<10	11	186
39	- L 41400 B 40575 M	5	1.4 4.43	15	8	185 < 5	1.29	2	28	89	198	5.62	.14	40	1.28	1575	4	<.01	54	830	20	10 < 20	57	.10	<10	118	<10	43	162
40	- L 41400 B 40600 M	<5	.6 2.72	10	6	95 < 5	.62	<1	17	39	30	4.14	.05	<10	.63	300	2	<.01	21	590	14	10 < 20	25	.11	<10	112	<10	2	138
41	- L 41400 B 40625 M	5	.8 3.17	15	8	145 < 5	1.67	1	23	61	69	4.29	.06	20	.85	804	2	<.01	28	650	14	10 < 20	47	.08	<10	101	<10	21	120
42	- L 41400 B 40650 M	<5	<.2 4.04	20	8	110 < 5	.66	<1	29	55	54	4.98	.06	10	1.10	553	2	<.01	33	610	18	10 < 20	27	.14	<10	125	<10	6	138
43	- L 41600 B 40050 M	10	<.2 3.02	25	8	155 < 5	.27	<1	26	38	89	4.95	.05	10	.67	493	3	<.01	47	1060	14	5 < 20	21	.09	<10	88	<10	2	157
44	- L 41800 B 40025 M	20	<.2 .89	15	4	50 < 5	.20	<1	9	17	17	2.91	.04	<10	.15	174	1	<.01	11	770	6	<5 < 20	18	.07	<10	62	<10	<1	65
45	- L 41900 B 40050 M	15	.2 2.19	15	8	75 < 5	.31	<1	19	38	50	4.46	.05	<10	.61	352	3	<.01	29	1830	10	<5 < 20	20	.10	<10	87	<10	1	116
46	- L 42000 B 40350 M	25	.2 1.91	25	6	95 < 5	.29	<1	23	60	104	5.34	.04	10	.64	461	3	<.01	45	1860	14	10 < 20	15	.04	<10	83	<10	2	126
47	- L 40100 B 41850 B	20	<.2 2.20	25	8	95 < 5	.24	<1	21	33	67	4.47	.04	10	.67	448	1	<.01	31	1510	12	5 < 20	14	.08	<10	71	<10	1	168
48	- L 40300 M 41750 B	45	.2 2.20	15	8	125 < 5	.32	<1	18	22	28	3.75	.04	<10	.30	371	1	<.01	17	1730	12	5 < 20	23	.10	<10	64	<10	1	101
49	- L 40300 M 42000 B	15	<.2 1.18	5	6	60 < 5	.22	<1	9	24	11	2.44	.03	<10	.26	185	<1	<.01	9	520	10	5 < 20	14	.12	<10	87	<10	3	51
50	- L 40600 M 42125 B	30	<.2 2.18	10	8	60 < 5	.36	<1	18	34	24	3.71	.04	<10	.61	335	1	<.01	16	490	12	<5 < 20	18	.13	<10	99	<10	3	60

NOTE: < = LESS THAN


 ECO-TECH LABORATORIES LTD.
 CLINTON AYERS
 LABORATORY MANAGER

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. - ETK 91-535
 401, 1540 PEARSON PLACE
 KAMLOOPS, B.C.
 VIS 1J9



AUGUST 13, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: *0416 Boxy*
 245 SOIL SAMPLES RECEIVED JULY 24, 1991

#	DESCRIPTION	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
L 40700E	39925N	<.2	2.20	15	8	105	<.5	.42	<.1	20	23	30	3.54	.06	<.10	.51	632	<.1	.01	10	980	16	<.5	<.20	17	.14	<.10	84	<.10	5	98
L 40700E	39950N	<.2	2.64	30	10	110	<.5	.58	<.1	25	41	78	4.60	.08	<.10	1.07	500	2	.01	22	770	20	5	<.20	21	.15	<.10	106	<.10	4	92
L 40700E	39975N	<.2	2.63	30	10	125	<.5	.48	<.1	24	32	54	4.54	.08	<.10	.88	341	2	.01	20	640	18	<.5	<.20	17	.15	10	100	<.10	3	94
L 40700E	40000N	<.2	1.56	20	8	160	<.5	.42	<.1	17	26	52	3.96	.10	<.10	.54	268	1	.01	15	480	12	5	<.20	14	.09	<.10	87	<.10	1	60
L 40700E	40025N	<.2	1.83	15	8	135	<.5	.34	<.1	18	25	24	3.82	.04	<.10	.40	237	<.1	.01	14	790	14	<.5	<.20	13	.15	10	86	<.10	2	131
L 40700E	40050N	<.2	1.64	25	4	125	<.5	.28	<.1	18	27	36	4.72	.04	<.10	.44	288	<.1	.01	15	480	14	<.5	<.20	10	.09	10	114	<.10	<.1	77
L 40700E	40075N	<.2	2.57	20	8	215	<.5	.39	<.1	21	35	55	4.84	.06	<.10	.74	316	<.1	.01	24	1110	16	<.5	<.20	14	.14	<.10	93	<.10	2	164
L 40700E	40100N	<.2	2.20	25	8	305	<.5	.37	<.1	25	26	48	4.43	.06	<.10	.55	380	2	.01	20	1010	18	<.5	<.20	14	.12	<.10	76	<.10	2	105
L 40700E	40125N	<.2	2.31	25	8	315	<.5	.43	<.1	18	31	41	4.21	.04	<.10	.72	293	1	<.01	22	780	14	5	<.20	16	.11	10	88	<.10	1	91
L 40700E	40150N	<.2	3.15	20	8	200	<.5	.35	<.1	18	34	26	4.14	.05	<.10	.59	212	1	.01	21	1230	16	<.5	<.20	13	.11	10	78	<.10	1	106
L 40700E	40175N	<.2	3.09	35	8	215	<.5	.46	<.1	30	38	36	4.79	.05	<.10	.75	266	1	.01	36	830	20	5	<.20	18	.14	10	99	<.10	1	97
L 40700E	40200N	<.2	3.25	35	10	210	<.5	.41	<.1	26	45	31	4.68	.04	<.10	.84	272	2	.01	37	650	22	<.5	<.20	16	.14	10	96	<.10	1	135
L 40700E	40225N	<.2	2.60	30	8	140	<.5	.46	<.1	24	45	58	4.35	.07	<.10	.84	472	2	.01	26	350	16	5	<.20	18	.12	<.10	101	<.10	4	111
L 40700E	40250N	<.2	3.49	35	10	240	<.5	.63	<.1	25	40	51	4.61	.06	<.10	.78	371	2	.01	31	350	22	<.5	<.20	22	.13	<.10	95	<.10	4	125
L 40700E	40275N	<.2	1.24	25	6	130	<.5	.16	<.1	17	11	200	4.24	.04	<.10	.22	250	2	.01	11	550	40	<.5	<.20	7	.08	<.10	67	<.10	<.1	104
L 40700E	40300N	<.2	2.41	35	8	100	<.5	.31	<.1	21	28	226	4.75	.04	<.10	.75	376	4	.01	22	630	28	5	<.20	11	.07	<.10	83	<.10	<.1	92
L 40700E	40325N	<.2	2.55	30	8	85	<.5	.46	<.1	19	37	38	3.91	.03	<.10	.87	306	1	<.01	20	1020	16	5	<.20	14	.14	<.10	98	<.10	4	98
L 41050E	39850N	<.2	2.77	10	8	95	<.5	.44	<.1	25	23	43	3.67	.07	<.10	.57	1056	1	.01	28	740	16	<.5	<.20	19	.16	10	76	<.10	3	186
L 41050E	39875N	<.2	1.26	5	6	50	<.5	.26	<.1	13	15	17	2.70	.03	<.10	.28	225	<.1	.01	9	610	14	<.5	<.20	14	.12	10	69	<.10	2	108
L 41050E	39900N	<.2	3.30	15	8	65	<.5	.35	<.1	14	19	19	3.98	.03	<.10	.26	165	<.1	.01	11	3420	18	<.5	<.20	19	.15	10	68	<.10	2	102
L 41050E	39925N	<.2	2.28	20	8	105	<.5	.45	<.1	23	31	28	4.50	.06	<.10	.45	436	1	<.01	22	640	16	<.5	<.20	21	.12	10	99	<.10	1	135
L 41050E	39950N	<.2	2.89	30	8	160	<.5	.44	<.1	21	36	36	5.02	.06	<.10	.72	349	1	.01	27	600	16	<.5	<.20	20	.15	10	125	<.10	1	121
L 41050E	40000N	<.2	2.54	20	8	145	<.5	.33	<.1	28	30	61	4.88	.05	<.10	.57	1125	<.1	.01	32	810	18	5	<.20	23	.17	10	125	<.10	2	146
L 41050E	40200N	<.2	1.52	30	4	135	<.5	.22	<.1	17	6	38	5.68	.05	<.10	.24	294	1	.01	8	1080	20	<.5	<.20	8	.03	10	88	<.10	<.1	82
L 41050E	40225N	<.2	2.42	25	8	85	<.5	.32	<.1	16	35	25	3.80	.04	<.10	.75	294	<.1	.01	16	650	14	<.5	<.20	10	.11	10	97	<.10	2	79
L 41050E	40250N	<.2	1.87	20	10	90	<.5	.29	<.1	11	27	15	3.25	.04	<.10	.49	259	1	.01	9	850	16	<.5	<.20	12	.10	10	94	<.10	1	68

ECO-TECH LABORATORIES LTD.

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

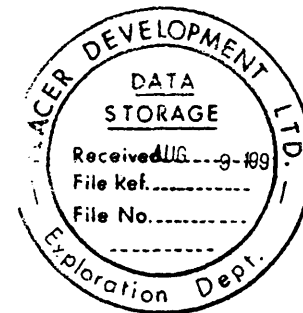
AUGUST 2, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PLACER DOME INC. - ETK 91-532

401, 1540 PEARSON PLACE
 KANLOOPS, B.C.
 VIS 1J9



PROJECT: 0415
 98 SOIL SAMPLES RECEIVED JULY 24, 1991

ETH	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SM	SR	TI(%)	U	V	W	Y	ZN
1 -	L 40500E 39850N	<.2	2.27	<5	16	65	<5	.63	<1	19	45	31	3.78	.09	<10	.93	335	1	.01	19	950	14	10	<20	23	.16	<10	103	<10	8	91
2 -	L 40500E 39875N	<.2	3.46	<5	12	80	<5	.71	<1	22	48	35	4.77	.13	<10	1.00	324	1	<.01	21	1960	16	5	<20	24	.17	<10	107	<10	5	150
3 -	L 40500E 39900N	<.2	2.49	<5	14	100	<5	.42	1	21	31	38	3.44	.06	<10	.55	785	2	.02	20	500	16	5	<20	23	.15	<10	78	<10	7	135
4 -	L 40650E 39825N	<.2	2.79	<5	10	65	<5	.59	<1	16	44	32	4.75	.07	<10	.79	278	2	<.01	17	960	29	5	<20	24	.18	<10	116	<10	4	125
5 -	L 40650E 39850N	<.2	3.01	<5	8	80	<5	.56	1	25	30	24	4.80	.11	<10	.71	683	1	.01	13	1120	22	10	<20	17	.19	<10	103	<10	5	161
6 -	L 40650E 39875N	<.2	2.31	<5	10	100	<5	.59	<1	19	35	47	4.06	.11	<10	.83	562	<1	<.01	16	770	14	5	<20	22	.15	<10	106	<10	5	92
7 -	L 40650E 39900N	<.2	2.55	<5	8	115	<5	.37	<1	29	24	46	5.67	.09	<10	.58	790	1	.01	14	760	26	5	<20	20	.15	<10	111	<10	1	118
8 -	L 40650E 39925N	<.2	2.67	<5	10	90	<5	.54	<1	25	42	43	4.18	.08	<10	.85	451	1	<.01	22	420	16	5	<20	22	.18	<10	107	<10	7	106
9 -	L 40650E 39950N	<.2	2.91	<5	12	130	<5	.66	<1	25	41	22	4.20	.09	<10	.78	437	1	<.01	22	809	16	10	<20	25	.18	<10	107	<10	6	111
10 -	L 40650E 39975N	<.2	1.54	<5	10	65	<5	.51	<1	13	27	11	2.77	.06	<10	.48	271	1	.01	11	370	10	5	<20	19	.15	<10	96	<10	5	54
11 -	L 40700E 39700N	<.2	3.55	<5	12	165	<5	1.08	2	24	53	89	4.71	.07	10	.87	554	1	<.01	40	290	20	5	<20	52	.16	<10	92	<10	11	165
12 -	L 40700E 39725N	.4	3.56	<5	16	255	<5	1.33	2	28	56	154	5.07	.10	10	1.27	1230	1	.01	43	690	20	10	<20	56	.13	<10	93	<10	17	139
13 -	L 40700E 39750N	.4	4.08	<5	12	220	<5	.99	1	26	45	67	4.47	.08	10	.95	430	<1	<.01	39	700	16	10	<20	45	.18	<10	90	<10	11	121
14 -	L 40750E 39825N	.6	3.33	<5	12	150	<5	.79	1	23	39	63	4.20	.05	10	.67	822	<1	.01	28	420	14	5	<20	37	.13	<10	87	<10	14	111
15 -	L 40750E 39850N	<.2	3.32	<5	12	175	<5	.68	<1	27	47	54	4.52	.07	10	.88	651	1	.01	30	370	16	5	<20	35	.16	<10	96	<10	8	128
16 -	L 40750E 39875N	.2	3.92	<5	14	285	<5	.86	1	27	56	81	5.34	.09	10	1.01	792	<1	.01	38	410	18	10	<20	42	.15	<10	96	<10	11	125
17 -	L 40750E 39900N	<.2	2.46	<5	10	120	<5	.46	<1	18	40	55	4.03	.08	10	.60	274	1	.01	22	460	14	5	<20	23	.12	<10	96	<10	9	104
18 -	L 40750E 39925N	<.2	2.60	<5	10	100	<5	.52	<1	22	46	47	4.14	.07	<10	1.03	356	1	.01	26	490	14	5	<20	21	.16	<10	101	<10	5	90
19 -	L 40750E 39950N	<.2	2.39	<5	12	80	<5	.63	<1	21	48	62	4.33	.09	<10	1.17	377	1	.01	23	500	16	10	<20	25	.16	<10	113	<10	5	78
20 -	L 40750E 39975N	<.2	2.83	5	12	105	<5	.52	<1	20	44	64	5.02	.07	<10	1.08	433	1	.01	21	1010	20	10	<20	21	.13	<10	122	<10	2	89
21 -	L 40750E 40000N	<.2	1.46	5	10	65	<5	.38	<1	17	20	31	4.86	.06	<10	.41	285	11	.01	9	640	16	5	<20	17	.09	<10	96	<10	<1	62
22 -	L 40750E 40025N	<.2	1.14	<5	10	85	<5	.20	<1	11	17	12	3.03	.04	<10	.24	206	<1	.01	8	980	8	<5	<20	12	.12	<10	74	<10	2	64
23 -	L 40750E 40050N	<.2	2.31	5	12	270	<5	.48	<1	22	37	45	4.40	.14	<10	.81	1181	1	<.01	22	770	10	5	<20	19	.12	<10	99	<10	2	94
24 -	L 40750E 40075N	<.2	2.96	<5	10	260	<5	.48	<1	34	52	42	6.34	.07	<10	.56	762	<1	.01	26	910	14	10	<20	19	.13	<10	137	<10	1	150
25 -	L 40750E 40100N	<.2	2.16	10	10	235	<5	.20	<1	31	40	60	7.17	.05	<10	.40	435	<1	.01	24	1070	38	5	<20	13	.09	<10	124	<10	<1	119
26 -	L 40750E 40125N	<.2	2.23	5	10	215	<5	.31	<1	21	32	29	4.47	.05	<10	.53	458	<1	<.01	21	1060	10	5	<20	14	.13	<10	88	<10	2	112

ECO-TECH LABORATORIES LTD.

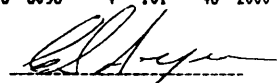
PLACER DOME INC. - ETK 91-532

PAGE 2
ET#

DESCRIPTION	AG	AL(Z)	AS	B	BA	BI	CA(Z)	CD	CO	CR	CU	FE(Z)	K(Z)	LA	MG(Z)	MN	MO	NA(Z)	NI	P	PB	SB	SM	SR	TI(Z)	U	V	W	Y	ZN
27 - L 40750E 40150N	<.2	2.23	<5	10	170	<5	.48	<1	22	43	19	4.59	.04	<10	.49	603	<1	.01	20	500	12	5	<20	26	.11	<10	109	<10	1	100
28 - L 40750E 40175N	.2	1.93	15	14	145	<5	.26	<1	40	31	49	6.28	.03	<10	.26	1636	2	.01	27	1800	14	5	<20	15	.08	<10	94	<10	<1	114
29 - L 40750E 40200N	<.2	2.87	5	12	305	<5	.38	<1	26	42	51	4.94	.07	<10	.79	326	2	<.01	28	790	14	5	<20	21	.08	<10	94	<10	<1	110
30 - L 40750E 40225N	1.0	2.52	<5	12	180	<5	.72	2	16	29	41	2.83	.04	10	.50	2144	2	.02	22	400	8	5	<20	28	.13	<10	59	<10	8	133
31 - L 40750E 40250N	<.2	2.63	20	10	85	<5	.44	<1	18	42	27	4.69	.05	<10	.76	308	2	<.01	18	780	12	10	<20	19	.14	<10	116	<10	3	137
32 - L 40750E 40275N	<.2	2.52	10	10	215	<5	.25	<1	24	34	23	5.06	.08	<10	.41	386	1	.01	22	1090	10	5	<20	17	.09	<10	88	<10	<1	145
33 - L 40750E 40300N	<.2	2.76	70	12	165	<5	.36	<1	27	33	112	6.57	.03	<10	.66	797	7	.01	34	980	20	5	<20	14	.09	<10	134	<10	1	140
34 - L 40750E 40325N	<.2	1.27	20	10	60	<5	.42	<1	12	33	128	3.69	.06	<10	.42	268	2	<.01	20	1000	58	10	<20	15	.08	<10	103	<10	1	69
35 - L 40800E 39850N	<.2	3.60	<5	14	150	<5	.66	<1	20	42	51	4.61	.05	<10	.67	287	2	.01	25	310	16	10	<20	39	.14	<10	100	<10	7	96
36 - L 40800E 39875N	<.2	3.13	<5	12	60	<5	.34	1	17	31	36	3.58	.03	<10	.26	193	2	.02	19	360	12	<5	<20	22	.12	<10	74	<10	6	105
37 - L 40800E 39900N	<.2	3.05	<5	12	170	<5	1.10	1	19	38	44	4.02	.05	10	.65	470	1	.01	22	360	14	5	<20	49	.11	<10	89	<10	7	129
38 - L 40800E 39925N	<.2	2.38	10	16	120	<5	.69	<1	23	44	49	4.30	.05	<10	.93	381	2	<.01	20	320	14	10	<20	31	.14	<10	116	<10	4	77
39 - L 40800E 39950N	<.2	2.07	10	10	120	<5	.48	<1	23	44	39	4.12	.06	<10	.71	609	2	.01	20	530	16	5	<20	22	.10	<10	107	<10	5	101
40 - L 40800E 39975N	<.2	1.61	10	10	55	<5	.27	<1	15	24	15	3.22	.04	<10	.37	418	<1	.01	12	620	12	5	<20	15	.12	<10	89	<10	2	90
41 - L 40800E 40000N	<.2	1.27	5	8	50	<5	.26	<1	13	18	30	3.46	.05	<10	.38	256	<1	.01	11	610	6	<5	<20	13	.08	<10	78	<10	<1	71
42 - L 40800E 40025N	<.2	1.95	5	10	95	<5	.45	<1	19	31	23	3.70	.07	<10	.53	349	1	.01	17	900	12	5	<20	18	.11	<10	89	<10	1	105
43 - L 40800E 40050N	<.2	.72	20	10	130	<5	.25	<1	17	9	22	4.70	.02	10	.18	329	<1	<.01	6	800	8	5	<20	14	.08	<10	69	<10	<1	67
44 - L 40800E 40075N	<.2	1.33	20	10	335	<5	.25	<1	38	45	82	7.53	.03	<10	.29	1136	<1	<.01	21	1090	20	5	<20	16	.06	<10	138	<10	<1	109
45 - L 40800E 40100N	<.2	1.71	15	8	120	<5	.43	<1	17	32	48	4.53	.06	<10	.65	302	1	<.01	15	760	8	5	<20	17	.07	<10	96	<10	<1	61
46 - L 40800E 40125N	<.2	1.33	10	10	155	<5	.28	<1	17	27	39	3.84	.06	<10	.38	751	<1	.01	15	790	10	5	<20	14	.08	<10	78	<10	<1	71
47 - L 40800E 40150N	<.2	3.11	5	12	135	<5	.28	<1	25	39	28	4.50	.05	<10	.47	254	<1	.01	25	1240	14	5	<20	16	.13	<10	83	<10	1	138
48 - L 40800E 40175N	<.2	2.69	5	10	225	<5	.66	<1	21	31	15	3.37	.04	<10	.54	1276	1	.02	21	450	12	5	<20	33	.11	<10	71	<10	2	106
49 - L 40800E 40200N	<.2	2.70	20	8	345	<5	.21	<1	25	36	36	4.88	.08	<10	.53	289	1	.01	30	960	10	5	<20	20	.06	<10	75	<10	<1	139
50 - L 40800E 40225N	<.2	2.08	10	8	305	<5	.21	<1	18	25	24	3.90	.06	<10	.30	247	1	.01	22	700	8	<5	<20	17	.06	<10	72	<10	<1	100
51 - L 40800E 40250N	<.2	2.32	25	10	335	<5	.26	<1	24	36	67	4.97	.09	<10	.76	343	2	<.01	31	710	12	5	<20	19	.06	<10	79	<10	<1	88
52 - L 40800E 40275N	<.2	2.27	10	8	110	<5	.36	<1	17	30	40	4.44	.05	<10	.62	376	2	<.01	15	1200	32	5	<20	15	.11	<10	93	<10	1	161
53 - L 40800E 40300N	<.2	2.21	20	10	80	<5	.26	<1	22	30	25	4.89	.04	<10	.43	277	1	.01	28	1800	12	5	<20	14	.13	<10	84	<10	<1	154
54 - L 40800E 40325N	<.2	1.67	10	10	60	<5	.22	<1	14	25	16	3.18	.01	<10	.35	157	2	.01	13	510	10	5	<20	11	.13	<10	89	<10	2	107
55 - L 40850E 40050N	<.2	1.71	10	8	110	<5	.27	<1	20	28	24	4.18	.05	<10	.40	414	<1	.01	13	870	14	<5	<20	15	.09	<10	99	<10	<1	96
56 - L 40850E 40075N	<.2	2.31	10	10	95	<5	.39	<1	18	38	29	4.30	.06	<10	.64	289	1	.01	19	1280	12	5	<20	18	.12	<10	99	<10	2	94
57 - L 40850E 40100N	<.2	1.77	20	10	165	<5	.44	<1	20	30	31	4.70	.05	<10	.52	412	<1	<.01	17	1810	8	5	<20	20	.10	<10	81	<10	<1	116
58 - L 40850E 40125N	<.2	2.17	15	10	255	<5	.46	<1	20	36	49	4.58	.07	<10	.76	516	1	<.01	21	840	10	5	<20	18	.08	<10	92	<10	<1	103
59 - L 40850E 40150N	<.2	1.61	5	8	160	<5	.23	<1	13	18	21	3.25	.03	<10	.18	312	<1	.01	9	1090	10	<5	<20	14	.08	<10	69	<10	<1	79
60 - L 40850E 40175N	<.2	1.06	5	6	100	<5	.18	<1	12	21	16	2.87	.04	<10	.22	290	<1	.01	12	540	8	<5	<20	10	.08	<10	72	<10	<1	52
61 - L 40850E 40200N	<.2	1.94	15	8	500	<5	.42	<1	28	40	85	7.44	.09	<10	.36	764	<1	<.01	29	1090	10	5	<20	20	.02	<10	109	<10	<1	113
62 - L 40850E 40225N	<.2	2.38	10	10	430	<5	.44	<1	25	36	73	4.53	.05	<10	.85	407	2	.01	29	520	8	5	<20	20	.08	<10	89	<10	1	83
63 - L 40850E 40250N	<.2	1.68	5	10	160	<5	.29	<1	14	29	23	3.45	.06	<10	.40	294	1	.01	14	600	10	5	<20	19	.09	<10	83	<10	<1	72

ETA	DESCRIPTION	AG	AL(Z)	AS	B	BA	BI	CA(Z)	CD	CO	CR	CU	FE(Z)	K(Z)	LA	MG(Z)	MM	MO	NA(Z)	NI	P	PB	SB	SM	SR	TI(Z)	U	V	W	Y	ZN
64 -	L 40850E 40275M	<.2	1.72	15	6	85	<.5	.21	<1	14	31	25	4.88	.04	<10	.29	161	2	<.01	13	770	16	<5	<20	12	.06	<10	114	<10	<1	81
65 -	L 40850E 40300M	<.2	1.59	15	10	95	<.5	.17	<1	15	16	28	4.12	.02	<10	.18	264	5	.01	11	1040	18	<5	<20	10	.11	<10	76	<10	1	102
66 -	L 40850E 40325M	<.2	1.63	20	8	100	<.5	.14	<1	29	42	62	6.72	.06	<10	.28	332	9	.01	41	950	32	5	<20	10	.05	<10	98	<10	<1	165
67 -	L 40900E 40125M	<.2	2.55	10	8	115	<.5	.36	<1	28	34	37	5.59	.10	<10	.50	541	<1	.01	24	1020	22	5	<20	18	.07	<10	108	<10	<1	135
68 -	L 40900E 40150M	<.2	2.26	15	10	235	<.5	.25	<1	21	32	74	5.46	.06	<10	.61	330	<1	.01	23	1060	10	5	<20	13	.05	<10	99	<10	<1	96
69 -	L 40900E 40175M	<.2	1.36	10	8	140	<.5	.16	<1	17	20	25	4.28	.04	<10	.18	327	<1	.01	11	1110	8	5	<20	13	.09	<10	78	<10	<1	81
70 -	L 40900E 40200M	<.2	.47	5	8	35	<.5	.07	<1	8	17	6	2.41	.01	<10	.09	119	<1	.01	7	240	8	<5	<20	6	.07	<10	71	<10	<1	34
71 -	L 40900E 40225M	<.2	1.65	10	6	135	<.5	.25	<1	17	31	23	4.15	.05	<10	.37	254	1	<.01	14	680	8	5	<20	13	.07	<10	95	<10	<1	77
72 -	L 40900E 40250M	<.2	1.70	10	6	340	<.5	.28	<1	17	33	45	4.75	.05	<10	.47	254	1	<.01	20	900	8	5	<20	14	.06	<10	96	<10	<1	78
73 -	L 40900E 40275M	<.2	.76	15	8	85	<.5	.14	<1	17	15	20	5.11	.02	<10	.18	194	<1	.01	12	530	6	<5	<20	10	.05	<10	88	<10	<1	54
74 -	L 40900E 40300M	<.2	1.77	10	8	60	<.5	.28	<1	11	32	25	3.64	.04	<10	.56	222	2	.01	12	580	18	5	<20	13	.10	<10	94	<10	1	63
75 -	L 40900E 40325M	<.2	2.80	25	8	120	<.5	.16	<1	23	35	68	7.11	.05	<10	.51	247	6	.01	24	1330	12	5	<20	10	.08	<10	114	<10	<1	136
76 -	L 40950E 40125M	<.2	2.17	20	8	80	<.5	.21	<1	21	33	26	5.59	.05	<10	.50	332	<1	.01	17	1000	16	5	<20	14	.10	<10	112	<10	<1	153
77 -	L 40950E 40150M	<.2	1.25	5	8	70	<.5	.13	<1	19	20	16	3.51	.05	<10	.19	318	<1	.02	8	840	8	<5	<20	10	.07	<10	76	<10	3	81
78 -	L 40950E 40175M	<.2	2.47	15	12	170	<.5	.34	<1	20	42	51	5.10	.06	<10	.72	296	2	<.01	21	740	10	5	<20	18	.08	<10	123	<10	<1	77
79 -	L 40950E 40200M	<.2	1.79	10	10	225	<.5	.37	<1	15	31	22	3.88	.06	<10	.41	341	<1	.01	15	1440	8	5	<20	16	.12	<10	89	<10	1	96
80 -	L 40950E 40225M	<.2	2.36	5	8	135	<.5	.21	<1	12	29	14	4.53	.04	<10	.26	238	<1	.01	9	2050	12	5	<20	14	.13	<10	92	<10	<1	97
81 -	L 40950E 40250M	<.2	2.02	15	10	895	<.5	.15	<1	26	33	49	6.10	.07	<10	.27	353	1	.01	24	1200	14	5	<20	13	.08	<10	99	<10	<1	117
82 -	L 40950E 40275M	<.2	2.53	25	8	150	<.5	.13	<1	24	34	54	6.37	.04	<10	.37	296	2	.01	25	990	14	5	<20	14	.09	<10	91	<10	<1	126
83 -	L 40950E 40300M	<.2	1.91	35	12	255	<.5	.14	<1	31	34	58	7.10	.06	<10	.34	476	2	.01	24	1030	12	5	<20	12	.04	<10	103	<10	<1	105
84 -	L 40950E 40325M	<.2	2.23	15	8	125	<.5	.29	<1	21	28	24	5.26	.08	<10	.46	326	2	.01	17	1480	10	5	<20	14	.10	<10	97	<10	<1	181
85 -	L 41000E 39725M	<.2	2.29	15	10	60	<.5	.35	<1	19	40	41	4.07	.09	<10	.69	353	<1	.01	27	460	10	5	<20	18	.11	<10	99	<10	2	99
86 -	L 41000E 39750M	<.2	3.55	15	12	105	<.5	.57	<1	32	33	62	5.50	.10	<10	.66	839	<1	.01	40	1570	18	5	<20	30	.20	<10	77	<10	5	246
87 -	L 41000E 39775M	<.2	1.63	5	10	70	<.5	.43	<1	22	21	20	3.39	.06	<10	.34	965	<1	.01	15	570	8	<5	<20	25	.12	<10	81	<10	1	167
88 -	L 41000E 40075M	<.2	2.43	10	12	65	<.5	.47	<1	17	47	40	3.87	.08	10	.94	347	1	<.01	20	720	16	5	<20	21	.15	<10	105	<10	6	86
89 -	L 41000E 40100M	<.2	2.37	10	12	85	<.5	.44	<1	20	37	29	3.70	.08	<10	.75	456	<1	.01	19	990	12	5	<20	19	.12	<10	92	<10	3	100
90 -	L 41000E 40125M	<.2	2.68	35	8	220	<.5	.26	<1	22	30	78	5.59	.08	<10	.61	326	<1	<.01	20	1310	52	5	<20	18	.03	<10	89	<10	<1	99
91 -	L 41000E 40150M	<.2	1.13	5	6	50	<.5	.21	<1	7	13	10	2.34	.03	<10	.16	98	<1	.01	5	630	8	<5	<20	11	.05	<10	74	<10	<1	47
92 -	L 41000E 40175M	<.2	1.03	10	8	30	<.5	.17	<1	8	18	12	2.80	.03	<10	.17	136	<1	.01	6	740	8	<5	<20	11	.11	<10	73	<10	1	62
93 -	L 41000E 40200M	<.2	2.38	5	10	100	<.5	.27	<1	16	25	20	5.05	.05	<10	.25	235	<1	.01	10	2080	16	5	<20	13	.17	<10	76	<10	1	107
94 -	L 41000E 40225M	<.2	3.10	10	10	240	<.5	.46	<1	28	48	43	4.60	.09	<10	.97	513	<1	.01	29	980	12	5	<20	20	.14	<10	101	<10	4	141
95 -	L 41000E 40250M	<.2	1.86	15	8	940	<.5	.27	<1	23	24	65	5.68	.07	<10	.35	490	1	.01	20	1190	16	5	<20	13	.06	<10	72	<10	<1	74
96 -	L 41000E 40275M	<.2	2.35	10	10	405	<.5	.34	<1	17	37	43	4.13	.06	<10	.60	349	<1	.01	19	1140	8	5	<20	19	.10	<10	91	<10	<1	98
97 -	L 41000E 40300M	<.2	.75	15	10	505	<.5	.12	<1	17	16	26	4.24	.02	<10	.16	403	1	.02	12	740	6	5	<20	9	.09	<10	74	<10	<1	58
98 -	L 41000E 40325M	.8	2.00	195	12	620	<.5	.29	1	62	33	155	10.00	.02	<10	.43	3098	4	.01	46	2000	10	10	<20	23	.02	<10	76	<10	1	155

NOTE: < = LESS THAN
> = GREATER THAN

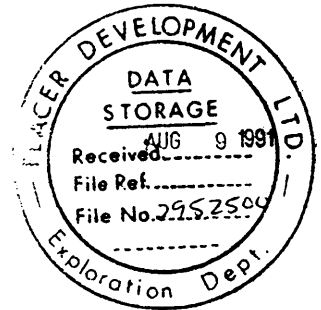

 ECO-TECH LABORATORIES LTD.
 CLINTON AYERS
 LABORATORY MANAGER

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. - BTK 9L-533

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



AUGUST 7, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PROJECT: 0403

55 SOIL SAMPLES RECEIVED JULY 24, 1991

BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	PB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SM	SR	TI(%)	U	V	W	Y	ZN
1 -	L39800 E 39200 N	<.2	3.05	20	10	135	<5	.23	1	30	46	69	6.88	.07	10	.97	987	2	.01	21	2240	12	<5	<20	17	.14	<10	123	<10	<1	227
2 -	L39800 E 39225 N	.6	1.48	15	6	165	<5	.12	<1	16	16	58	4.59	.07	10	.18	1767	4	.01	18	820	6	<5	<20	8	.01	<10	52	<10	<1	84
3 -	L39800 E 39250 N	<.2	1.55	5	10	90	<5	.30	<1	11	23	25	4.18	.04	10	.35	267	3	.01	8	490	10	<5	<20	14	.13	<10	104	<10	2	53
4 -	L39800 E 39275 N	<.2	2.45	15	10	155	<5	.25	<1	18	35	41	5.10	.07	10	.54	528	2	.01	13	590	10	<5	<20	12	.14	<10	103	<10	1	112
5 -	L39800 E 39300 N	.8	1.72	5	10	105	<5	.26	<1	13	30	20	3.23	.05	10	.50	525	1	.01	13	560	6	<5	<20	15	.10	<10	81	<10	2	66
6 -	L39800 E 39325 N	<.2	1.99	10	12	80	<5	.38	<1	12	39	27	3.59	.08	10	.82	336	2	.01	14	880	10	<5	<20	16	.11	<10	91	<10	3	60
7 -	L39800 E 39350 N	<.2	1.12	<5	8	60	<5	.14	<1	9	10	13	3.18	.05	<10	.18	219	<1	.01	4	760	8	<5	<20	12	.09	<10	90	<10	<1	43
8 -	L39800 E 39375 N	<.2	2.17	5	12	125	<5	.22	<1	12	29	21	4.28	.06	10	.41	223	2	<.01	9	820	12	<5	<20	14	.09	<10	86	<10	<1	62
9 -	L39900 E 39200 N	<.2	3.83	15	16	40	<5	.25	1	39	35	74	6.38	.05	10	.48	518	4	<.01	15	1070	12	<5	<20	10	.15	<10	117	<10	3	96
10 -	L39900 E 39225 N	<.2	2.14	10	8	50	<5	.25	<1	14	30	32	4.92	.04	10	.47	342	4	<.01	9	610	14	<5	<20	11	.10	<10	123	<10	<1	71
11 -	L39900 E 39250 N	<.2	2.90	10	10	60	<5	.29	<1	16	34	45	4.94	.07	10	.65	283	5	.01	14	570	14	<5	<20	12	.13	<10	100	<10	1	74
12 -	L39900 E 39275 N	.2	2.68	15	8	105	<5	.20	1	19	36	42	6.24	.08	10	.64	457	5	<.01	15	1910	16	<5	<20	15	.07	<10	126	<10	<1	145
13 -	L39900 E 39300 N	.4	1.25	40	10	210	<5	1.00	<1	47	8	285	11.70	.05	40	.32	2194	6	<.01	37	1590	16	5	<20	85	.01	<10	28	<10	23	138
14 -	L40000 E 39200 N	<.2	2.39	10	12	65	<5	.32	<1	15	32	44	5.31	.06	10	.64	314	2	.01	12	1110	12	<5	<20	14	.13	<10	112	<10	1	86
15 -	L40000 E 39225 N	.6	1.44	10	8	40	<5	.13	<1	11	22	20	3.34	.03	<10	.32	461	4	<.01	11	580	10	<5	<20	7	.05	<10	83	<10	<1	55
16 -	L40000 E 39250 N	<.2	1.88	5	10	35	<5	.18	<1	13	25	35	4.41	.04	10	.39	304	2	<.01	9	820	12	<5	<20	10	.13	<10	110	<10	2	69
17 -	L40000 E 39275 N	<.2	2.27	5	10	50	<5	.22	<1	12	26	26	3.61	.08	10	.43	309	2	.01	10	670	12	<5	<20	9	.12	<10	89	<10	2	79
18 -	L40000 E 39300 N	.2	1.52	<5	10	25	<5	.11	<1	11	13	15	2.62	.04	<10	.17	377	2	.01	5	790	8	<5	<20	7	.12	<10	58	<10	3	53
19 -	L40000 E 39325 N	.2	2.03	5	10	40	<5	.18	<1	15	20	35	4.28	.04	10	.36	383	3	.01	10	1150	12	<5	<20	9	.12	<10	82	<10	2	75
20 -	L40000 E 39250 N	<.2	1.66	5	10	70	<5	.25	<1	11	34	29	3.70	.06	10	.54	216	3	<.01	12	450	18	<5	<20	13	.11	<10	95	<10	2	56
21 -	L40000 E 39375 N	.6	2.56	10	12	115	<5	.59	1	21	38	50	3.97	.07	10	.68	617	2	<.01	19	490	20	5	<20	34	.12	<10	92	<10	5	101
22 -	L40000 E 39400 N	<.2	2.33	5	8	115	<5	.65	<1	20	34	52	4.07	.08	10	.67	335	1	<.01	13	440	16	<5	<20	30	.11	<10	97	<10	4	61
23 -	L40000 E 39425 N	<.2	1.93	5	10	105	<5	.48	<1	17	31	50	4.12	.11	10	.82	336	2	.01	13	440	18	<5	<20	19	.12	<10	107	<10	3	52
24 -	L40000 E 39450 N	<.2	1.43	5	12	110	<5	.39	<1	12	22	33	3.26	.08	10	.52	249	1	.01	9	750	12	<5	<20	18	.10	<10	88	<10	2	45
25 -	L40000 E 39475 N	<.2	3.25	<5	12	95	<5	.33	1	24	25	46	5.92	.10	10	.62	482	1	.02	11	1070	22	5	<20	14	.25	<10	112	<10	5	168
26 -	L40000 E 39500 N	<.2	1.98	5	10	85	<5	.27	<1	18	17	23	5.07	.07	10	.44	597	<1	.01	6	990	12	<5	<20	13	.20	<10	117	<10	3	91

PAGE 2

BT#	DESCRIPTION	AG	AL(%)	AS	B	BA	RI	CA(%)	CD	CO	CR	CU	FB(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PR	SR	SN	SR	TJ(%)	U	V	W	Y	ZN
27 -	L40000 B 39525 M	<.2	.93	<5	10	50	<5	.22	<1	10	8	9	2.66	.05	<10	.26	252	<1	.02	4	710	6	<5	<20	10	.13	<10	81	<10	2	42
28 -	L40100 B 39200 M	<.2	2.02	10	10	60	<5	.41	<1	15	65	30	4.14	.08	10	.93	287	1	<.01	24	780	12	<5	<20	13	.14	<10	105	<10	2	51
29 -	L40100 B 39225 M	<.2	2.17	5	10	80	<5	.51	<1	25	42	66	4.04	.11	10	.95	495	1	<.01	21	860	14	<5	<20	15	.13	<10	96	<10	5	74
30 -	L40100 B 39250 M	.2	2.13	10	8	65	<5	.40	<1	15	29	35	4.12	.08	10	.62	231	1	<.01	12	1160	12	<5	<20	11	.14	<10	97	<10	2	62
31 -	L40100 B 39275 M	<.2	1.95	5	10	45	<5	.26	<1	13	30	30	4.10	.05	10	.52	245	1	<.01	9	510	16	<5	<20	9	.15	<10	121	<10	2	64
32 -	L40100 B 39300 M	<.2	1.64	10	8	60	<5	.36	<1	11	26	26	3.75	.06	10	.39	252	2	.01	10	490	14	<5	<20	14	.11	<10	107	<10	1	66
33 -	L40100 B 39325 M	<.2	1.56	10	10	95	<5	.38	<1	14	29	30	3.97	.07	10	.44	293	2	<.01	12	710	14	<5	<20	20	.12	<10	92	<10	2	80
34 -	L40100 B 39350 M	.2	1.68	5	8	65	<5	.27	<1	16	25	41	3.83	.06	10	.40	895	1	<.01	11	800	14	<5	<20	12	.09	<10	92	<10	1	86
35 -	L40100 B 39375 M	<.2	1.58	10	8	80	<5	.45	<1	13	31	39	3.89	.09	10	.53	311	1	.01	12	960	14	5	<20	16	.11	<10	103	<10	2	86
36 -	L40100 B 39400 M	.6	4.31	15	14	290	<5	.55	1	32	63	218	5.89	.22	30	.97	812	3	<.01	45	530	38	<5	<20	36	.11	<10	107	<10	23	114
37 -	L40100 B 39425 M	.2	2.41	5	12	165	<5	1.23	1	25	46	136	4.50	.15	10	1.01	969	2	<.01	25	520	34	5	<20	51	.12	<10	95	<10	10	75
38 -	L40100 B 39450 M	.6	2.92	15	10	190	<5	.94	1	24	50	175	5.03	.16	20	.90	1020	2	<.01	30	540	24	5	<20	43	.11	<10	111	<10	16	93
39 -	L40100 B 39475 M	.6	2.54	10	10	160	<5	.42	<1	19	53	128	4.35	.15	10	.90	551	3	.01	22	440	30	5	<20	23	.12	<10	119	<10	3	87
40 -	L40100 B 39500 M	.6	1.31	5	14	40	<5	.42	<1	10	27	35	2.71	.06	10	.57	193	3	<.01	7	360	18	5	<20	14	.13	<10	94	10	4	48
41 -	L40100 B 39525 M	<.2	1.92	10	10	80	<5	.52	<1	13	37	48	4.08	.09	10	.82	255	3	<.01	12	1330	26	5	<20	17	.13	<10	111	<10	2	70
42 -	L40200 B 39200 M	<.2	1.81	10	14	55	<5	.54	<1	17	40	36	3.25	.10	10	.92	375	2	<.01	18	770	14	5	<20	19	.13	<10	96	<10	4	57
43 -	L40200 B 39225 M	.7	2.24	15	14	150	<5	1.39	<1	27	64	172	4.66	.32	20	1.37	916	3	<.01	35	1050	26	5	<20	37	.13	<10	121	<10	10	103
44 -	L40200 B 39250 M	<.2	1.93	10	14	90	<5	.86	<1	27	51	88	3.83	.19	20	1.17	701	2	<.01	23	890	18	5	<20	31	.14	<10	104	<10	7	78
45 -	L40200 B 39275 M	<.2	1.80	10	14	90	<5	1.08	<1	21	45	83	3.41	.14	10	1.03	716	2	<.01	24	790	16	5	<20	62	.11	<10	93	<10	8	75
46 -	L40200 B 39300 M	<.2	1.97	15	14	70	<5	.66	<1	18	41	55	3.97	.12	10	1.02	442	2	<.01	19	860	16	5	<20	24	.14	<10	115	<10	4	80
47 -	L40200 B 39325 M	<.2	1.79	5	14	65	<5	.36	<1	13	33	28	3.36	.06	10	.58	292	1	<.01	13	650	14	5	<20	16	.14	<10	105	<10	3	73
48 -	L40200 B 39350 M	<.2	3.31	15	12	165	<5	.59	<1	28	61	168	4.85	.13	20	1.15	561	3	<.01	45	370	24	5	<20	38	.14	<10	115	<10	4	135
49 -	L40200 B 39375 M	1.4	2.70	10	14	120	<5	1.38	1	17	45	126	3.20	.09	20	.68	626	2	.01	26	630	16	5	<20	77	.11	<10	68	<10	11	79
50 -	L40200 B 39400 M	1.8	3.14	10	12	170	<5	1.54	2	26	42	205	3.95	.10	20	.99	2006	4	.01	52	810	22	5	<20	86	.16	<10	73	<10	16	167
51 -	L40200 B 39425 M	<.2	1.77	10	10	75	<5	.54	<1	19	37	66	3.32	.08	10	.92	435	2	.01	17	520	26	5	<20	19	.12	<10	92	<10	3	56
52 -	L40200 B 39450 M	.4	2.72	10	14	145	<5	1.13	<1	26	48	60	3.93	.11	20	.97	497	2	<.01	25	420	22	5	<20	54	.13	<10	94	<10	6	84
53 -	L40200 B 39475 M	<.2	1.55	10	10	55	<5	.40	<1	12	31	29	3.12	.05	10	.49	180	2	<.01	11	270	16	<5	<20	17	.13	<10	109	<10	3	51
54 -	L40200 B 39500 M	.8	2.27	10	12	185	<5	1.84	<1	19	45	156	3.77	.13	20	.88	884	3	<.01	25	930	26	5	<20	85	.08	<10	85	<10	10	79
55 -	L40200 B 39525 M	.2	2.28	10	14	145	<5	1.17	<1	24	53	126	4.27	.17	20	1.18	922	3	<.01	26	770	30	10	<20	55	.11	<10	109	<10	8	88

NOTE: < = LESS THAN
> = GREATER THAN

SC91/PLACER

Clinton Ayers
 ECO-TECH LABORATORIES LTD.
 CLINTON AYERS
 LABORATORY MANAGER

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. - ETK 91-560
 401, 1540 PEARSON PLACE
 KAMLOOPS, B.C.
 V1S 1J9

AUGUST 15, 1991

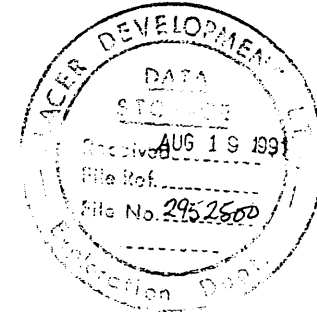
VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

PROJECT: 0376 *Footy*
 32 SOIL SAMPLES RECEIVED JULY 24, 1991

T#	DESCRIPTION	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
1	-L 40300E 39200N	.4	3.21	15	46	75	<5	.22	1	19	36	41	4.84	.05	<10	.50	429	1	.06	21	1270	12	5	<20	14	.15	<10	124	<10	4	151
2	-L 40300E 39225N	.8	2.27	15	26	85	<5	.29	1	16	43	37	4.65	.06	<10	.57	454	2	.06	18	2030	18	5	<20	18	.17	<10	103	<10	4	182
3	-L 40300E 39250N	.4	1.27	10	36	70	<5	.37	1	13	29	25	3.43	.07	<10	.36	262	2	.05	10	980	14	<5	<20	21	.13	<10	94	<10	3	72
4	-L 40300E 39275N	.8	1.58	10	44	105	<5	.44	1	13	42	46	3.87	.11	<10	.69	422	2	.04	22	730	20	<5	<20	24	.12	<10	102	<10	4	104
5	-L 40300E 39325N	.4	1.95	20	62	130	<5	1.40	1	24	57	92	4.27	.16	10	1.09	888	4	.05	36	960	22	<5	<20	95	.10	<10	106	<10	12	108
6	-L 40300E 39375N	.4	2.00	15	66	140	<5	1.07	1	22	56	102	4.26	.13	10	.97	839	2	.05	34	920	20	<5	<20	82	.11	<10	103	<10	13	98
7	-L 40300E 39400N	.8	2.04	20	62	150	<5	1.18	1	20	57	113	4.30	.11	10	.84	756	1	.05	34	730	20	5	<20	92	.10	<10	105	<10	15	112
8	-L 40300E 39425N	.6	2.07	15	62	165	<5	1.01	1	17	52	89	4.30	.14	10	1.05	598	3	.06	35	910	18	<5	<20	57	.13	<10	102	<10	11	77
9	-L 40300E 39450N	.8	2.17	15	60	165	<5	1.21	1	19	46	67	3.87	.10	10	.79	634	2	.05	27	710	18	5	<20	73	.13	<10	93	<10	9	75
10	-L 40300E 39475N	1.0	2.07	15	74	130	<5	1.38	1	19	57	88	4.20	.12	10	1.04	555	1	.05	34	690	30	<5	<20	73	.13	<10	97	<10	9	73
11	-L 40300E 39525N	.8	2.69	20	104	235	<5	1.11	2	31	73	133	5.66	.20	10	1.32	1327	3	.07	48	820	22	5	<20	65	.17	<10	134	<10	17	138
12	-L 40300E 39550N	2.6	3.18	15	86	265	<5	1.74	3	23	64	207	4.42	.13	10	.87	911	2	.06	50	1180	22	5	<20	110	.11	<10	93	<10	18	177
13	-L 40300E 39575N	1.0	2.45	20	72	170	<5	1.59	1	22	67	91	4.85	.14	10	1.08	859	2	.05	41	1060	22	<5	<20	91	.12	<10	113	<10	12	114
14	-L 40300E 39625N	.4	2.13	20	70	65	<5	.67	1	25	67	54	4.64	.11	10	1.07	520	3	.05	34	830	16	<5	<20	34	.15	<10	113	<10	8	99
15	-L 40300E 39650N	.4	3.32	20	90	55	<5	.52	1	17	56	21	5.48	.09	<10	.65	292	3	.05	23	3730	14	5	<20	23	.17	<10	131	<10	5	122
16	-L 40300E 39675N	.6	3.04	15	82	55	<5	.41	1	17	54	38	4.12	.08	10	.75	288	2	.05	29	1630	10	5	<20	23	.17	<10	104	<10	6	93
17	-L 40300E 39700N	.4	2.52	15	84	35	<5	.53	1	17	61	41	4.43	.09	10	1.10	389	2	.05	30	1400	10	5	<20	25	.16	<10	121	<10	7	81

Frank J. Pezzotti
 ECO-TECH LABORATORIES LTD.
 FRANK J. PEZZOTTI, A.Sc.T.
 B.C. Certified Assayer



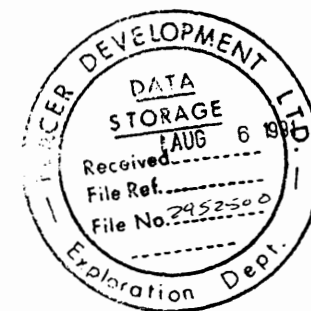
ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK91- 434

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

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

JULY 31, 1991



VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: V 269
334 SOIL SAMPLES RECEIVED JULY 5, 1991

BT#	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	SH	SR TI(%)	U	V	W	Y	ZN
1	L39800 E 40025 N	-	<.2 3.06	5	6	150	<5 .24	<1	16	44	69	3.85	.10	<10 .57	255	4 .02	26	1070	22	5	<20	15 .14	<10	81	<10	7	87
2	L39800 E 40050 N	-	<.2 2.55	10	8	210	<5 .54	<1	23	44	85	3.87	.09	<10 .77	764	10 <0.01	27	660	20	10	<20	23 .13	<10	97	<10	7	83
3	L39800 E 40075 N	-	<.2 2.41	10	10	70	<5 .58	<1	17	45	51	3.77	.07	<10 .96	325	4 <0.01	21	570	22	10	<20	20 .16	<10	105	<10	7	66
4	L39800 E 40100 N	-	<.2 2.90	5	8	100	<5 .50	<1	23	42	62	4.27	.07	<10 .65	517	5 <0.01	22	750	24	5	<20	19 .16	<10	107	<10	7	102
5	L39800 E 40125 N	-	.8 2.44	5	8	135	<5 1.24	1	21	47	88	3.61	.11	<10 .92	1240	13 <0.01	28	570	22	10	<20	53 .12	<10	95	<10	10	92
6	L39800 E 40150 N	-	2.2 5.25	10	8	255	<5 1.51	2	29	88	200	6.79	.31	20 1.17	1574	6 <0.01	60	1260	30	10	<20	72 .08	<10	137	<10	35	133
7	L39800 E 40175 N	-	<.2 2.19	10	8	85	<5 .82	<1	18	38	43	3.30	.10	<10 .86	350	<1 <0.01	21	550	18	10	<20	26 .18	<10	101	<10	10	63
8	L39800 E 40200 N	-	<.2 2.05	<5	8	70	<5 .64	<1	19	38	39	3.29	.09	<10 .75	344	1 <0.01	18	770	20	5	<20	24 .18	<10	101	<10	9	73
9	L39800 E 40225 N	-	<.2 2.56	10	8	55	<5 1.01	<1	20	50	55	4.33	.12	<10 1.47	396	1 <0.01	25	990	16	10	<20	21 .22	<10	133	<10	10	73
10	L39800 E 40250 N	-	<.2 2.16	15	6	75	<5 .84	<1	17	47	41	3.69	.12	10 1.18	410	1 <0.01	24	690	14	10	<20	27 .18	<10	111	<10	9	72
11	L39800 E 40275 N	-	<.2 2.12	15	8	85	<5 .62	<1	15	42	30	3.52	.08	10 .89	305	<1 <0.01	19	900	16	5	<20	25 .17	<10	101	<10	8	74
12	L39800 E 40300 N	-	<.2 2.63	10	8	100	<5 .57	<1	22	48	45	4.07	.11	10 .88	350	1 <0.01	24	770	20	10	<20	24 .16	<10	105	<10	11	80
13	L39800 E 40325 N	-	<.2 2.46	<5	6	80	<5 .59	<1	19	49	40	3.55	.10	10 .98	485	<1 <0.01	24	560	14	5	<20	24 .15	<10	99	<10	9	80
14	L39800 E 40350 N	-	<.2 2.46	<5	6	90	<5 .57	<1	23	44	43	3.36	.10	20 .78	552	1 <0.01	22	630	16	10	<20	27 .13	<10	96	<10	13	74
15	L39800 E 40375 N	-	<.2 1.87	5	6	60	<5 .51	<1	12	36	23	3.10	.07	<10 .64	247	1 <0.01	14	650	14	5	<20	18 .16	<10	98	<10	7	58
16	L39800 E 40400 N	-	<.2 1.69	10	6	65	<5 .59	<1	15	32	25	3.03	.09	<10 .56	366	1 <0.01	14	600	12	5	<20	23 .16	<10	102	<10	7	56
17	L39800 E 40425 N	-	<.2 1.83	10	6	50	<5 .60	<1	14	35	24	3.45	.08	<10 .81	270	1 <0.01	15	950	14	5	<20	16 .19	<10	108	<10	7	68
18	L39800 E 40450 N	-	<.2 1.73	10	6	55	<5 .46	<1	12	32	11	3.00	.06	<10 .55	319	<1 <0.01	11	1190	12	5	<20	16 .16	<10	92	<10	6	70
19	L40100 N 42025 E	-	.2 2.15	20	6	150	<5 .22	<1	19	36	53	4.76	.07	<10 .43	335	2 <0.01	28	920	12	5	<20	21 .07	<10	100	<10	<1	128
20	L40100 N 42050 E	-	<.2 1.33	15	4	95	<5 .18	<1	12	24	17	2.83	.07	<10 .26	502	<1 .01	12	430	8	<5	<20	16 .07	<10	86	<10	<1	59
21	L40100 N 42075 E	-	<.2 1.30	10	6	90	<5 .17	<1	13	25	19	3.18	.04	<10 .27	338	1 .02	14	670	12	<5	<20	13 .12	<10	76	<10	3	68
22	L40100 N 42100 E	-	<.2 1.80	25	6	105	<5 .26	<1	21	34	47	5.14	.08	<10 .36	529	2 .01	23	650	14	10	<20	32 .08	<10	129	<10	<1	138
23	L40200 N 42000 E	-	<.2 1.32	10	6	55	<5 .18	<1	12	30	13	3.09	.05	<10 .30	271	<1 .01	13	560	12	<5	<20	12 .11	<10	95	<10	3	78
24	L40200 N 42025 E	-	.4 1.27	10	6	205	<5 .15	<1	13	29	25	3.21	.02	<10 .19	399	<1 .02	20	460	10	10	<20	21 .08	<10	76	<10	2	71
25	L40200 N 42050 E	-	<.2 .93	40	6	105	<5 .12	<1	15	22	26	5.31	.01	<10 .17	257	<1 .01	15	1130	10	10	<20	13 .07	<10	68	<10	<1	61
26	L40200 N 42075 E	-	<.2 2.46	20	8	140	<5 .33	<1	22	52	56	4.96	.07	<10 .77	756	3 <0.01	33	1330	16	10	<20	21 .12	<10	100	<10	3	145

ECO-TECH LABORATORIES LTD.

PLACER DOME INC. - ETK91- 434

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BT#	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	SM	SR	TI(%)	U	V	W	Y	ZN
27	- L40200 H 42100 B	-	.4 2.90	60	6	270	<5	.34	<1	25	53	74	5.33	.03	<10	.86	402	2	<0.01	46	880	14	10	<20	19	.11	<10	103	<10	2	151
28	- L40200 H 42125 B	-	<.2 1.89	35	6	225	<5	.21	<1	27	51	63	6.91	.02	10	.55	368	1	<0.01	42	1000	14	10	<20	22	.10	<10	107	<10	<1	96
29	- L40200 H 42150 B	-	.2 2.86	30	8	220	<5	.30	<1	26	54	129	5.73	.08	10	.82	462	2	.01	51	1130	12	10	<20	24	.09	<10	95	<10	2	131
30	- L40200 H 42175 B	-	<.2 2.08	35	6	315	<5	.28	<1	24	36	50	6.66	.05	<10	.54	410	1	.01	29	870	12	10	<20	25	.09	<10	126	<10	<1	97
31	- L40300 H 41650 B	40	<.2 1.93	20	6	85	<5	.31	<1	20	27	32	3.98	.08	<10	.41	508	<1	.01	16	980	14	5	<20	23	.12	<10	87	<10	2	113
32	- L40300 H 41675 B	10	<.2 1.84	10	6	105	<5	.44	<1	18	34	21	3.68	.09	<10	.57	558	<1	<0.01	16	880	14	5	<20	26	.18	<10	97	<10	6	114
33	- L40300 H 41700 B	<5	<.2 3.17	15	8	160	<5	.50	<1	32	32	53	5.36	.06	<10	.41	660	<1	.01	34	2020	24	10	<20	42	.19	<10	72	<10	6	167
34	- L40300 H 41725 B	10	<.2 2.85	<5	8	85	<5	.18	<1	13	30	16	2.84	.07	10	.38	243	<1	<0.01	14	2010	16	5	<20	10	.14	<10	56	<10	6	96
35	- L40300 H 42025 B	-	<.2 3.25	20	6	225	<5	.14	<1	22	49	144	5.97	.07	10	1.37	264	1	.01	30	740	12	10	<20	22	.02	<10	149	<10	<1	124
36	- L40300 H 42050 B	-	.4 1.80	50	4	75	<5	.27	<1	24	37	143	5.96	.07	<10	.45	589	1	.01	27	1340	14	10	<20	17	.06	<10	122	<10	<1	101
37	- L40300 H 42075 B	-	<.2 3.38	15	8	105	<5	.41	<1	24	59	53	4.95	.07	<10	.88	531	2	<0.01	29	1250	18	10	<20	25	.13	<10	123	<10	3	131
38	- L40300 H 42100 B	-	<.2 3.28	5	6	105	<5	.34	<1	19	50	41	4.49	.06	<10	.77	499	2	.01	22	1520	18	10	<20	18	.14	<10	108	<10	4	99
39	- L40300 H 42125 B	-	.8 2.20	35	8	85	<5	.26	<1	20	65	50	4.31	.06	<10	.80	874	3	<0.01	27	1120	16	5	<20	17	.08	<10	100	<10	2	85
40	- L40300 H 42150 B	-	<.2 2.10	20	6	110	<5	.19	<1	19	43	68	4.74	.05	<10	.67	386	3	.01	23	840	16	10	<20	17	.09	<10	114	<10	2	132
41	- L40300 H 42175 B	-	<.2 1.88	50	6	100	<5	.13	<1	21	65	76	5.58	.03	20	.29	288	5	.01	41	1040	16	10	<20	15	.04	<10	146	<10	<1	149
42	- L40300 H 42200 B	-	<.2 2.06	20	6	195	<5	.43	<1	18	40	41	4.26	.05	<10	.69	389	2	<0.01	22	790	12	5	<20	22	.09	<10	100	<10	2	97
43	- L40300 H 42225 B	-	.4 1.56	25	6	120	<5	.23	<1	13	34	33	4.34	.05	<10	.39	264	4	<0.01	19	1540	14	5	<20	17	.09	<10	88	<10	1	107
44	- L40300 H 42250 B	-	.6 2.05	25	6	130	<5	.18	<1	16	43	28	4.63	.05	<10	.46	265	4	.01	23	1530	16	5	<20	14	.12	<10	104	<10	2	140
45	- L40400 H 41650 B	<5	<.2 2.29	10	6	65	<5	.22	<1	17	27	18	3.83	.06	<10	.29	438	<1	.01	15	1760	16	<5	<20	22	.20	<10	75	<10	6	152
46	- L40400 H 41675 B	<5	<.2 3.05	<5	8	95	<5	.35	<1	20	33	25	4.14	.06	<10	.49	446	<1	<0.01	16	2470	14	5	<20	25	.17	<10	78	<10	5	129
47	- L40400 H 41700 B	<5	<.2 1.40	10	6	80	<5	.22	<1	18	25	19	3.27	.06	<10	.33	579	<1	.01	10	1990	10	<5	<20	18	.15	<10	75	<10	4	109
48	- L40400 H 41725 B	<5	<.2 1.49	5	8	75	<5	.36	<1	12	24	9	2.81	.06	<10	.33	304	<1	<0.01	9	1010	12	5	<20	22	.16	<10	89	<10	5	66
49	- L40500 H 41650 B	10	<.2 2.22	20	6	90	<5	.32	<1	22	30	49	4.69	.07	<10	.52	389	1	<0.01	20	1310	18	5	<20	21	.10	<10	89	<10	2	85
50	- L40500 H 41675 B	40	<.2 2.23	25	6	95	<5	.29	<1	21	40	65	4.98	.05	<10	.67	391	1	.01	26	830	14	10	<20	16	.12	<10	101	<10	3	95
51	- L40500 H 41700 B	30	<.2 1.29	10	6	65	<5	.24	<1	10	25	10	2.81	.03	<10	.29	319	<1	<0.01	8	610	10	<5	<20	13	.12	<10	90	<10	3	54
52	- L40500 H 41725 B	10	<.2 1.57	10	6	90	<5	.36	<1	13	21	14	2.82	.04	<10	.27	399	<1	.01	13	1020	12	5	<20	26	.11	<10	76	<10	3	63
53	- L40500 H 41750 B	<5	<.2 2.88	15	8	120	<5	.29	<1	21	37	83	4.04	.05	10	.63	468	3	<0.01	22	1070	20	5	<20	22	.13	<10	90	<10	5	103
54	- L40500 H 41775 B	50	.2 2.29	15	6	95	<5	.27	<1	27	28	63	4.60	.05	<10	.43	1002	<1	.01	20	1230	12	5	<20	23	.10	<10	101	<10	2	108
55	- L40500 H 41800 B	5	1.0 3.25	30	8	185	<5	.67	1	26	20	79	5.05	.05	20	.49	1616	2	.02	28	1800	16	10	<20	62	.11	<10	44	<10	13	84
56	- L40500 H 41825 B	5	<.2 1.75	15	8	75	<5	.31	<1	14	30	30	3.43	.06	<10	.48	491	1	<0.01	16	920	14	5	<20	15	.12	<10	91	<10	4	70
57	- L40500 H 41850 B	<5	<.2 1.77	30	8	195	<5	.35	<1	25	34	49	5.10	.07	10	.40	955	1	<0.01	37	1790	14	5	<20	24	.07	<10	68	<10	<1	124
58	- L40500 H 41875 B	<5	<.2 2.16	20	6	110	<5	.49	<1	20	46	40	4.08	.05	<10	.52	545	<1	<0.01	22	870	16	5	<20	32	.11	<10	110	<10	3	82
59	- L40500 H 41900 B	<5	<.2 2.51	20	8	145	<5	.40	<1	19	46	52	4.77	.06	10	.79	393	<1	<0.01	27	900	14	10	<20	18	.12	<10	106	<10	4	96
60	- L40500 H 41925 B	<5	<.2 1.52	10	6	90	<5	.28	<1	11	26	10	2.83	.04	<10	.34	287	<1	.01	10	1230	14	5	<20	13	.14	<10	86	<10	5	66
61	- L40500 H 41950 B	<5	.2 1.61	10	6	90	<5	.24	<1	13	30	20	3.25	.05	<10	.44	895	1	.01	13	970	12	<5	<20	11	.12	<10	87	<10	4	82
62	- L40500 H 41975 B	<5	<.2 1.31	35	6	115	<5	.18	<1	17	37	30	4.32	.03	<10	.23	329	2	.01	23	700	12	5	<20	19	.07	<10	103	<10	<1	91
63	- L40700 H 42000 B	-	<.2 3.39	<5	8	135	<5	.55	<1	23	41	37	4.15	.05	<10	.77	487	1	.01	20	590	18	5	<20	47	.14	<10	99	<10	6	81

PAGE 3

BT#	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	Z
64	L40700 N 42025 B	-	<.2 2.25	15	8	265	<5	1.88	<1	15	39	179	3.08	.05	<10	.75	575	<1	<0.01	16	440	10	10	<20	128	.09	<10	70	<10	21	5
65	L40700 N 42050 B	-	<.2 3.56	5	8	285	<5	.90	1	30	44	118	4.39	.07	20	.78	1910	<1	.01	25	780	14	10	<20	61	.12	<10	71	<10	21	7
66	L40700 N 42075 B	-	<.2 3.31	10	10	240	<5	1.27	<1	27	47	72	4.42	.09	10	.90	1442	<1	<0.01	22	710	12	10	<20	93	.14	<10	106	<10	13	8
67	L40700 N 42100 B	-	<.2 1.29	25	6	90	<5	.32	<1	14	21	21	3.82	.05	<10	.29	257	<1	<0.01	8	750	14	<5	<20	18	.11	<10	104	<10	2	6
68	L40700 N 42125 B	-	<.2 2.13	15	8	60	<5	.36	<1	18	34	23	3.71	.05	<10	.62	315	<1	.01	15	460	12	5	<20	18	.14	<10	100	<10	5	5
69	L40700 N 42150 B	-	<.2 3.12	5	8	95	<5	.52	<1	26	63	55	4.65	.07	<10	1.04	481	1	<0.01	32	520	16	10	<20	27	.16	<10	124	<10	7	7
70	L40700 N 42175 B	-	<.2 2.19	10	8	65	<5	.36	<1	18	35	26	3.50	.07	<10	.61	369	<1	.01	14	560	14	5	<20	17	.15	<10	94	<10	5	6
71	L40700 N 42200 B	-	<.2 2.40	20	6	70	<5	.61	<1	23	35	57	4.48	.06	<10	.88	393	<1	<0.01	17	600	16	10	<20	36	.12	<10	124	<10	3	5
72	L40700 N 42225 B	-	.2 2.40	10	8	160	<5	1.40	<1	22	65	62	4.38	.08	<10	1.09	567	<1	<0.01	29	600	24	10	<20	107	.13	<10	103	<10	9	10
73	L40700 N 42250 B	-	<.2 2.05	10	8	185	<5	1.55	<1	26	55	92	4.22	.08	<10	.81	1694	3	<0.01	25	810	16	5	<20	122	.07	<10	94	<10	8	7
74	L40700 N 42275 B	-	<.2 2.59	15	8	85	<5	.59	<1	44	107	201	6.31	.09	<10	2.23	1243	2	.02	39	660	44	10	<20	40	.17	<10	164	<10	11	6
75	L40700 N 42300 B	-	<.2 1.83	15	8	60	<5	.36	<1	14	47	18	3.81	.06	<10	.72	313	1	.01	15	570	24	5	<20	20	.19	<10	134	<10	6	5
76	L40700 N 42325 B	-	<.2 2.21	15	8	65	<5	.48	<1	16	52	23	4.19	.07	<10	.94	324	<1	<0.01	18	610	16	10	<20	22	.19	<10	128	<10	7	6
77	L40700 N 42350 B	-	<.2 1.99	15	6	45	<5	.35	<1	21	119	28	4.87	.10	<10	1.27	297	1	.02	32	750	24	10	<20	20	.20	<10	166	<10	6	6
78	L40700 N 42375 B	-	<.2 1.78	15	6	110	<5	.45	<1	16	57	23	4.51	.08	<10	.80	335	1	<0.01	17	1390	14	10	<20	22	.19	<10	135	<10	5	9
79	L40700 N 42400 B	-	<.2 2.62	10	8	85	<5	.73	<1	23	51	31	4.32	.07	<10	.91	415	2	<0.01	24	550	16	10	<20	42	.15	<10	114	<10	6	9
80	L40700 N 42425 B	-	<.2 2.70	15	8	230	<5	.66	<1	27	62	38	4.77	.05	<10	.93	1277	4	<0.01	49	390	10	10	<20	42	.13	<10	107	<10	7	11
81	L40700 N 42450 B	-	<.2 2.45	15	8	80	<5	.32	<1	14	38	21	3.99	.04	<10	.66	264	1	<0.01	14	510	12	5	<20	16	.17	<10	109	<10	5	7
82	L40700 N 42475 B	-	<.2 2.40	15	8	105	<5	.67	<1	20	45	46	3.89	.05	<10	.92	358	1	<0.01	23	390	14	10	<20	39	.12	<10	92	<10	5	9
83	L40700 N 42500 B	-	.2 1.87	10	8	150	<5	1.40	1	15	35	68	2.93	.05	<10	.55	897	2	<0.01	21	860	12	5	<20	88	.06	<10	55	<10	7	10
84	L41000 B 39800 N	-	<.2 2.75	20	6	80	<5	.39	<1	21	41	35	4.32	.07	<10	.74	442	1	<0.01	32	660	18	5	<20	19	.14	<10	95	<10	4	20
85	L41000 B 39825 N	-	<.2 1.90	15	6	100	<5	.57	<1	22	30	37	3.19	.10	<10	.53	902	<1	<0.01	22	560	10	5	<20	25	.13	<10	80	<10	4	14
86	L41000 B 39850 N	-	<.2 1.19	10	6	60	<5	.47	<1	15	19	16	2.64	.09	<10	.32	567	<1	.01	12	500	10	<5	<20	19	.10	<10	75	<10	3	8
87	L41000 B 39875 N	-	<.2 2.22	35	6	110	<5	.51	<1	20	34	25	4.80	.06	<10	.52	348	1	<0.01	24	1140	14	10	<20	32	.13	<10	107	<10	2	15
88	L41000 B 39900 N	-	<.2 1.25	15	6	135	<5	.47	<1	18	18	27	2.56	.05	<10	.28	1485	<1	.01	14	620	10	<5	<20	25	.13	<10	67	<10	4	11
89	L41000 B 39925 N	-	<.2 2.44	20	6	80	<5	.47	<1	18	41	55	4.14	.06	<10	.95	382	2	<0.01	25	490	12	10	<20	21	.11	<10	111	<10	4	8
90	L41000 B 39950 N	-	<.2 2.59	15	6	200	<5	.89	<1	24	39	50	4.05	.11	<10	.73	1697	<1	<0.01	29	440	12	10	<20	35	.11	<10	114	<10	3	11
91	L41000 B 39975 N	-	<.2 2.68	20	6	105	<5	.46	<1	25	39	38	4.40	.09	<10	.70	940	2	<0.01	28	590	16	5	<20	24	.13	<10	117	<10	3	14
92	L41000 B 40000 N	-	<.2 1.75	20	6	70	<5	.34	<1	14	33	32	3.72	.06	<10	.60	255	<1	<0.01	18	470	12	5	<20	22	.11	<10	122	<10	3	1
93	L41000 B 40025 N	-	<.2 2.16	20	6	80	<5	.50	<1	17	38	27	3.86	.07	<10	.84	326	1	<0.01	20	990	14	10	<20	21	.12	<10	96	<10	4	8
94	L41000 B 40050 N	-	<.2 1.94	15	8	70	<5	.57	<1	22	42	38	3.50	.09	<10	.98	548	2	<0.01	22	760	14	10	<20	23	.14	<10	91	<10	6	1
95	L41000 B 40350 N	-	<.2 1.54	25	6	85	<5	.23	<1	14	29	21	4.06	.05	<10	.38	271	2	<0.01	15	990	10	5	<20	13	.07	<10	101	<10	<1	1
96	L41000 B 40375 N	-	<.2 1.73	25	6	95	<5	.33	<1	14	28	25	3.84	.06	<10	.50	285	2	<0.01	14	1210	10	5	<20	15	.08	<10	90	<10	1	1
97	L41000 B 40400 N	-	<.2 2.38	35	6	85	<5	.22	<1	29	42	35	6.64	.06	<10	.68	397	4	.01	17	1020	10	10	<20	14	.12	<10	150	<10	<1	1
98	L41000 B 40425 N	-	<.2 1.19	85	8	135	<5	.23	<1	39	29	43	11.87	.03	<10	.28	1389	172	<0.01	33	1640	20	10	<20	9	.02	<10	106	<10	<1	10
99	L41000 B 40450 N	-	<.2 2.35	50	6	125	<5	.16	<1	18	32	49	5.50	.03	<10	.52	382	4	.01	21	1020	18	5	<20	9	.07	<10	110	<10	<1	11
100	L41100 B 39800 N	-	<.2 1.97	20	6	110	<5	.52	<1	18	31	38	3.92	.07	<10	.57	739	2	<0.01	20	760	12	5	<20	31	.08	<10	87	<10	1	1

PAGE 5

BT#	DESCRIPTION	AU(ppb)	AG ΔL(%)	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
137	- L41200 B 40575 N	<5	<2 3.12	40	6	85	<5	.38	<1	21	52	42	4.12	.05	<10	1.10	367	1	<0.01	26	710	14	10	<20	17	.11	<10	103	<10	4	112
138	- L41200 B 40600 N	<5	<2 1.80	45	6	25	<5	.15	<1	16	16	13	3.58	<0.01	<10	.20	524	1	.02	6	900	10	<5	<20	10	.14	<10	90	<10	3	43
139	- L41200 B 40625 N	<5	<2 2.40	35	4	70	<5	.23	<1	11	32	16	3.65	.02	<10	.45	174	2	.01	12	550	16	<5	<20	12	.11	<10	113	<10	2	78
140	- L41200 B 40650 N	<5	<2 2.71	35	6	50	<5	.24	<1	12	36	24	4.42	.03	<10	.56	303	1	.01	13	1230	14	5	<20	11	.13	<10	114	<10	<1	78
141	- L41300 B 39800 N	-	<2 2.47	50	6	235	<5	.36	<1	32	28	50	5.40	.09	<10	.45	768	<1	.01	30	930	16	5	<20	27	.08	<10	77	<10	2	200
142	- L41300 B 39825 N	-	.2 2.02	50	6	120	<5	.38	<1	33	25	71	5.58	.06	<10	.38	1461	1	.01	38	1190	12	10	<20	37	.06	<10	60	<10	2	199
143	- L41300 B 39850 N	-	.4 1.70	80	4	145	<5	.28	<1	26	27	89	6.20	.05	<10	.31	612	3	<0.01	42	920	14	5	<20	22	.02	<10	65	<10	<1	129
144	- L41300 B 39875 N	-	<2 1.54	30	4	40	<5	.15	<1	15	22	31	3.78	.03	<10	.43	257	<1	.02	15	480	10	<5	<20	13	.09	<10	84	<10	<1	97
145	- L41300 B 39900 N	-	<2 2.74	30	6	105	<5	.19	<1	19	36	36	4.78	.05	<10	.50	684	2	.01	22	1030	16	10	<20	17	.12	<10	100	<10	2	231
146	- L41300 B 39925 N	-	<2 1.62	70	4	70	<5	.15	<1	14	26	61	4.39	.03	<10	.30	224	1	.01	19	760	14	5	<20	16	.04	<10	89	<10	<1	93
147	- L41300 B 39950 N	-	1.0 2.10	35	4	110	<5	.22	<1	20	35	57	4.38	.06	<10	.52	1365	3	.01	22	1100	12	5	<20	18	.07	<10	95	<10	1	122
148	- L41300 B 39975 N	-	1.8 4.91	60	6	120	<5	.25	<1	49	36	180	6.70	.02	<10	.59	1641	2	.01	32	1710	22	5	<20	20	.10	<10	79	<10	9	116
149	- L41300 B 40000 N	-	<2 2.29	35	4	75	<5	.29	<1	12	34	28	3.50	.02	<10	.49	190	2	<0.01	15	460	12	<5	<20	20	.09	<10	119	<10	2	71
150	- L41300 B 40025 N	-	<2 2.22	40	4	95	<5	.30	<1	17	32	45	3.89	.03	<10	.51	503	2	.01	22	710	14	5	<20	19	.11	<10	107	<10	2	96
151	- L41300 B 40050 N	-	<2 2.36	95	6	60	<5	.26	<1	18	35	58	3.98	.02	<10	.52	332	3	.01	25	720	14	5	<20	16	.14	<10	115	<10	4	101
152	- L41300 B 40075 N	-	<2 2.70	30	6	75	<5	.17	<1	16	35	49	4.24	.02	<10	.47	282	2	.01	21	810	16	5	<20	13	.14	<10	113	<10	3	84
153	- L41300 B 40100 N	-	<2 4.41	10	6	80	<5	.23	<1	16	49	70	5.26	.05	<10	.67	323	2	.01	25	1470	18	5	<20	17	.12	<10	110	<10	1	96
154	- L41300 B 40125 N	-	<2 1.31	15	4	55	<5	.27	<1	11	24	28	3.14	.03	<10	.28	645	1	<0.01	11	1170	12	<5	<20	23	.14	<10	101	<10	3	50
155	- L41300 B 40150 N	-	<2 1.62	15	4	80	<5	.20	<1	12	34	19	3.93	.03	<10	.39	230	<1	.01	14	960	12	5	<20	16	.14	<10	131	<10	3	91
156	- L41300 B 40175 N	-	<2 1.72	15	6	80	<5	.42	<1	16	49	34	3.78	.04	<10	.43	473	1	<0.01	38	1520	10	5	<20	24	.12	<10	94	<10	6	112
157	- L41300 B 40200 N	-	<2 3.13	15	6	120	<5	.36	<1	24	50	56	4.81	.06	<10	.90	348	2	<0.01	40	1570	12	5	<20	19	.10	<10	112	<10	2	118
158	- L41300 B 40225 N	-	<2 2.43	15	6	115	<5	.50	<1	22	45	42	3.89	.07	<10	.94	848	1	<0.01	22	880	12	10	<20	25	.12	<10	100	<10	5	78
159	- L41300 B 40475 N	<5	.4 3.40	5	8	215	<5	1.09	1	20	50	36	3.88	.07	<10	1.07	633	<1	<0.01	25	580	12	5	<20	53	.12	<10	93	<10	7	112
160	- L41300 B 40500 N*	<5	<2 2.51	20	10	125	<5	1.21	<1	24	50	67	4.12	.11	<10	1.45	941	2	<0.01	28	1130	10	10	<20	48	.12	<10	99	<10	11	110
161	- L41300 B 40525 N	<5	1.2 2.92	20	10	185	<5	1.30	2	25	55	129	4.51	.11	<10	1.38	1451	3	<0.01	44	770	14	10	<20	43	.10	<10	94	<10	16	252
162	- L41300 B 40550 N	<5	<2 2.74	10	6	115	<5	.42	<1	20	44	30	3.93	.06	<10	.88	912	1	.01	19	620	12	5	<20	19	.13	<10	110	<10	5	117
163	- L41300 B 40575 N	<5	<2 2.22	15	6	90	<5	.37	<1	14	37	23	3.61	.06	<10	.80	409	<1	<0.01	16	760	10	10	<20	17	.12	<10	101	<10	4	85
164	- L41300 B 40600 N	5	<2 2.67	20	8	85	<5	.51	<1	24	44	40	3.98	.07	<10	1.02	576	<1	<0.01	22	920	12	10	<20	24	.12	<10	105	<10	5	85
165	- L41300 B 40625 N	<5	<2 2.72	15	8	80	<5	.43	<1	22	46	40	3.82	.06	<10	1.08	375	<1	<0.01	25	690	14	10	<20	19	.13	<10	101	<10	5	85
166	- L41300 B 40650 N	<5	<2 2.71	25	6	80	<5	.35	<1	17	38	25	4.37	.05	<10	.77	342	<1	<0.01	19	790	18	5	<20	16	.13	<10	115	<10	3	139
167	- L41500 B 39800 N	-	<2 2.40	20	6	135	<5	.32	<1	22	34	93	4.44	.06	<10	.66	505	1	.01	34	930	10	5	<20	20	.09	<10	85	<10	2	120
168	- L41500 B 39825 N*	-	<2 1.99	35	6	100	<5	.33	<1	19	33	88	4.81	.05	<10	.73	427	2	<0.01	29	1080	10	10	<20	17	.07	<10	92	<10	<1	95
169	- L41500 B 39850 N	-	.2 2.87	25	6	170	<5	.34	<1	24	34	70	4.72	.05	<10	.62	464	2	.01	31	910	12	5	<20	25	.10	<10	86	<10	3	133
170	- L41500 B 39875 N	-	<2 2.49	45	6	125	<5	.27	<1	24	39	86	5.68	.07	<10	.69	574	2	.01	39	850	10	10	<20	23	.07	<10	99	<10	<1	127

Appendix VI
Soil Sample Statistics

P L A C E R D O M E I N C .

PDI Data Analysis System SIBIS

run on 91:10:07 at 9:37:28

Current directory: /home/bogg/dosbogg/soil

BOGG CLAIMS 1991 SOILS, 1990 REANALYSES AND GOLD FROM 1987 S

Summary of data from file : bogg-all.utm

This data file contains an internal header: (7 records)
 Data grouped into 35 fields
 with format: (1A8, 3F10.2,31F10.2)

Character ID fields:
 LINE

Coordinate fields:
 SIN XUM YUM

Other data fields:
 AG AL AS B BA BI CA CD CE CR CU FE
 K LA HG NM MO NR NI P PB SB SM SR
 TI U V Y ZN RU W

Missing data indicated by NULL value -1.00000

BASIC STATISTICS OF SELECTED DATA FIELDS:

NAME	NO. DATA	NULLS	MINIMUM	MAXIMUM	MEAN	STD. DEV.	GEOM. MEAN	DISPERSTION
AG	2528	0	0.100000	5.800000	0.283626	0.450435	0.172088	0.743909E-01
AL	1975	553	0.	5.870000	2.17054	0.705641	2.04095	1.37036
AS	2528	0	2.000000	195.0000	15.4747	14.1686	11.0113	4.69534
B	1975	553	1.000000	104.0000	8.45722	6.69944	7.48906	4.75154
BA	1975	553	2.500000	1375.00	123.741	104.879	103.444	59.7500
BI	1975	553	2.500000	25.0000	2.58354	0.878574	2.53990	2.20920
CA	1975	553	0.	3.290000	0.487235	0.341456	0.394267	0.203420
CD	1975	553	0.500000	5.000000	0.592405	0.324908	0.553800	0.407767
CE	1975	553	0.500000	62.0000	18.6430	6.56427	17.3989	11.6774
CR	1975	553	0.500000	342.000	38.9863	22.0285	34.3354	19.8975
CU	1975	553	0.500000	1943.00	65.3289	84.8178	46.9964	21.5721
FE	1975	553	0.	14.7400	4.21192	1.28777	4.01366	2.80771
K	1975	553	0.	0.960000	0.335594E-01	0.779353E-01	0.641050E-01	0.305065E-01
LA	1975	553	5.000000	70.0000	7.57975	6.16931	6.44810	3.97190
HG	1975	553	0.	3.830000	0.764138	0.439284	0.641439	0.338936
NM	1975	553	0.500000	5043.00	493.943	377.454	403.204	214.287
MO	1975	553	0.500000	172.000	3.07468	7.01421	1.80581	0.727199
NN	1905	623	0.	0.700000E-01	0.481894E-02	0.	0.255842E-02	0.765323E-03
NI	1975	553	0.500000	178.000	21.4823	13.5270	18.1438	9.73945
P	1975	553	5.000000	3730.00	810.200	394.473	725.856	447.954
PB	1975	553	1.000000	648.000	23.3418	23.9935	18.9479	10.2723
SB	1975	553	2.500000	200.000	14.9038	26.2648	6.78947	2.34355
SM	1975	553	10.0000	100.000	25.2253	33.7437	14.7661	6.22768
SR	1975	553	0.500000	1282.00	64.9322	120.831	30.9153	10.6607
TI	1975	553	0.	0.340000	0.119919	0.495729E-01	0.106887	0.608862E-01
U	1975	553	5.000000	100.000	13.2004	18.6125	7.54819	3.12856
V	1975	553	0.500000	1940.00	252.159	362.792	137.267	53.3314
Y	1975	553	0.	50.0000	12.4704	17.0173	6.58352	2.2742
ZN	1905	623	0.500000	35000.0	1358.81	2728.42	148.128	5.93375
RU	2527	1	1.000000	5280.00	13.1674	119.358	3.75106	1.08478
W	180	2348	5.000000	5.000000	5.000000	0.	4.99999	4.99999

continued..../2

CORRAT: RUM AN 91:10:07 AT 9:37 28

Data from file: hogg-all.utm

ROGG CLAIMS 1991 SOILS, 1990 REANALYSES AND GOLD FROM 1987 S

Correlation matrix for 2528 records with 31 variables

LOG:	AG 1	AL 1	AS 1	B 1	BA 1	BI 1	CA 1	CD 1
AG	1.000	0.140	-0.017	0.125	0.204	0.050	0.248	0.426
AL	0.140	1.000	0.009	0.317	0.316	-0.003	0.481	0.245
AS	-0.017	0.009	1.000	-0.100	0.043	0.044	0.002	-0.121
B	0.125	0.317	-0.100	1.000	0.045	0.053	0.437	0.308
BA	0.204	0.316	0.043	0.045	1.000	-0.030	0.198	0.168
BI	0.050	-0.003	0.044	0.053	-0.030	1.000	0.002	-0.026
CA	0.248	0.481	0.002	0.437	0.198	0.002	1.000	0.371
CD	0.426	0.245	-0.121	0.308	0.168	-0.026	0.371	1.000
CO	0.126	0.618	0.317	0.316	0.258	-0.006	0.534	0.181
CR	0.112	0.610	0.106	0.361	0.087	0.079	0.529	0.179
CU	0.381	0.421	0.285	0.237	0.233	0.045	0.582	0.299
FE	0.039	0.622	0.300	0.167	0.263	-0.005	0.255	0.105
K	0.095	0.376	-0.049	0.243	0.107	0.103	0.599	0.153
LA	0.130	0.217	-0.096	0.345	0.137	0.005	0.288	0.329
MG	0.059	0.592	0.098	0.295	0.027	0.081	0.680	0.138
MN	0.306	0.400	0.206	0.270	0.304	-0.056	0.571	0.305
MO	0.334	0.160	0.200	0.098	0.047	0.101	0.285	0.251
NA	0.027	-0.010	-0.024	0.163	-0.117	0.068	-0.215	-0.018
NI	0.254	0.535	0.300	0.336	0.233	0.050	0.513	0.267
P	0.048	0.352	0.206	0.134	0.018	-0.008	0.026	0.046
PB	0.224	0.258	0.157	0.091	0.028	0.186	0.306	0.072
SB	0.016	0.281	0.178	0.067	0.031	0.206	0.227	0.047
SN	-0.043	0.050	0.068	-0.074	-0.004	0.142	-0.097	-0.035
SR	0.129	0.201	0.046	0.108	0.306	0.172	0.233	0.143
TI	-0.059	0.383	-0.095	0.343	-0.287	0.081	0.393	0.055
U	-0.055	0.056	0.057	-0.076	0.001	0.136	-0.104	-0.031
V	-0.081	0.234	0.127	0.017	-0.020	0.151	0.043	-0.033
Y	0.000	0.160	-0.003	0.097	0.031	0.123	0.071	0.030
ZH	0.105	0.190	-0.081	0.110	-0.133	0.079	0.444	0.186
AU	-0.086	-0.060	0.067	-0.010	0.150	0.008	-0.164	-0.088
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOG:	CO 1	CR 1	CU 1	FF 1	K 1	LA 1	MG 1	MM 1
AG	0.126	0.112	0.381	0.039	0.095	0.130	0.059	0.306
AL	0.618	0.610	0.421	0.622	0.376	0.217	0.592	0.400
AS	0.317	0.106	0.285	0.300	-0.049	0.095	0.098	0.206
B	0.316	0.361	0.237	0.167	0.243	0.345	0.295	0.270
BA	0.258	0.087	0.233	0.263	0.107	0.137	0.027	0.304
BI	-0.006	0.079	0.045	-0.005	0.103	0.005	0.081	-0.056
CA	0.534	0.529	0.582	0.255	0.599	0.288	0.680	0.571
CD	0.181	0.179	0.299	0.105	0.153	0.329	0.138	0.305
CO	1.000	0.578	0.678	0.732	0.439	0.214	0.608	0.716
CR	0.578	1.000	0.475	0.402	0.501	0.208	0.750	0.381
CU	0.678	0.475	1.000	0.520	0.546	0.235	0.647	0.612
FE	0.732	0.402	0.520	1.000	0.249	0.133	0.433	0.493
K	0.439	0.501	0.546	0.249	1.000	0.144	0.735	0.362
LA	0.214	0.208	0.235	0.133	0.144	1.000	0.170	0.193
MG	0.608	0.750	0.647	0.433	0.735	0.170	1.000	0.426
MN	0.716	0.381	0.612	0.493	0.362	0.193	0.426	1.000
MO	0.276	0.317	0.511	0.258	0.229	0.155	0.336	0.228
NA	0.051	-0.026	-0.047	0.056	-0.011	-0.101	0.090	0.009
NI	0.709	0.762	0.648	0.458	0.370	0.220	0.604	0.570
P	0.371	0.145	0.173	0.520	0.066	0.064	0.096	0.280
PB	0.277	0.332	0.482	0.202	0.390	0.174	0.473	0.133
SB	0.344	0.374	0.271	0.261	0.193	0.226	0.358	0.200
SN	0.079	0.063	0.055	0.111	-0.133	0.127	0.060	0.009
SR	0.175	0.174	0.119	0.107	0.025	0.233	0.068	0.223
TI	0.286	0.496	0.139	0.165	0.393	0.075	0.549	0.099
U	0.083	0.051	-0.062	0.128	-0.135	0.111	-0.067	0.003
V	0.272	0.259	0.096	0.359	0.037	0.152	0.181	0.121
Y	0.180	0.164	0.029	0.185	-0.006	0.178	0.036	0.094
ZH	0.128	0.297	0.224	-0.111	0.337	0.162	0.437	0.175
AU	-0.067	-0.128	-0.108	-0.020	-0.152	0.019	-0.199	-0.047
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

continued..../3

LOG:	MO 1	NA 1	NI 1	P 1	PB 1	SB 1	SN 1	SR 1
AG	0.334	-0.027	0.254	0.048	0.224	0.016	-0.043	0.129
AL	0.160	-0.010	0.535	0.352	0.258	0.281	0.050	0.201
AS	0.200	-0.024	0.300	0.206	0.157	0.178	0.068	0.046
B	0.098	-0.163	0.336	0.134	0.091	0.067	-0.074	0.108
BA	0.047	-0.117	0.233	0.018	0.028	0.031	-0.004	0.306
BI	0.101	-0.068	0.050	-0.008	0.186	0.206	0.142	0.172
CA	0.285	-0.215	0.513	0.026	0.306	0.227	-0.097	0.233
CD	0.251	-0.018	0.267	0.046	0.072	0.047	-0.035	0.143
CO	0.276	-0.051	0.709	0.371	0.277	0.344	0.079	0.175
CR	0.317	-0.026	0.762	0.145	0.332	0.374	0.063	0.174
CU	0.511	-0.047	0.648	0.173	0.482	0.271	-0.055	0.119
FE	0.258	-0.056	0.458	0.520	0.202	0.261	0.111	0.107
K	0.229	-0.011	0.370	0.066	0.390	0.193	-0.133	0.025
LA	0.155	-0.101	0.220	0.064	0.174	0.226	0.127	0.233
MG	0.336	-0.090	0.604	0.096	0.473	0.358	-0.060	0.068
MM	0.228	-0.009	0.570	0.280	0.133	0.200	0.009	0.223
MO	1.000	-0.107	0.359	0.004	0.425	0.182	-0.009	0.062
NA	-0.107	1.000	-0.016	0.131	-0.075	-0.088	-0.046	-0.129
NI	0.359	-0.016	1.000	0.207	0.286	0.321	0.001	0.205
P	0.004	0.131	0.207	1.000	0.060	0.144	0.103	0.024
PB	0.425	-0.075	0.286	0.060	1.000	0.168	-0.114	-0.055
SB	0.182	-0.088	0.321	0.144	0.168	1.000	0.722	0.665
SN	-0.009	-0.046	0.001	0.103	-0.114	0.722	1.000	0.808
SR	0.062	-0.129	0.205	0.024	-0.055	0.665	0.808	1.000
TI	0.094	0.152	0.210	0.126	0.330	0.167	-0.081	-0.111
U	-0.014	-0.043	-0.017	0.111	-0.120	0.695	0.990	0.784
V	0.073	-0.010	0.126	0.195	0.003	0.769	0.932	0.738
Y	0.020	-0.013	0.064	0.132	-0.101	0.667	0.860	0.741
ZN	0.207	-0.117	0.187	-0.092	0.348	0.288	0.136	0.188
AU	-0.132	-0.026	-0.037	-0.005	-0.141	-0.045	0.020	0.086
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOG:	TI 1	U 1	V 1	Y 1	ZN 1	AU 1	W 1
AG	-0.059	-0.055	-0.081	0.000	0.105	-0.086	0.000
AL	0.383	0.056	0.234	0.160	0.190	-0.060	0.000
AS	-0.095	0.057	0.127	-0.003	-0.081	0.067	0.000
B	0.343	-0.076	0.017	0.097	0.110	-0.010	0.000
BA	-0.287	0.001	-0.020	0.031	-0.133	0.150	0.000
BI	0.081	0.136	0.151	0.123	0.079	0.008	0.000
CA	0.393	-0.104	0.043	0.071	0.444	-0.164	0.000
CD	0.055	-0.031	-0.033	0.030	0.186	-0.088	0.000
CO	0.286	0.083	0.272	0.180	0.128	-0.067	0.000
CR	0.496	0.051	0.259	0.164	0.297	-0.128	0.000
CU	0.139	-0.062	0.096	0.079	0.224	-0.108	0.000
FE	0.165	0.128	0.359	0.185	0.111	-0.020	0.000
K	0.393	-0.135	0.037	-0.006	0.337	-0.152	0.000
LA	0.075	0.111	0.152	0.178	0.162	0.019	0.000
MG	0.549	-0.067	0.181	0.036	0.437	-0.199	0.000
MM	0.099	0.003	0.121	0.094	0.175	-0.047	0.000
MO	0.094	-0.014	0.073	0.020	0.207	-0.132	0.000
NA	0.152	-0.043	-0.010	0.013	-0.117	-0.026	0.000
NI	0.210	-0.017	0.126	0.064	0.187	-0.037	0.000
P	0.126	0.111	0.195	0.132	-0.092	-0.005	0.000
PB	0.330	-0.120	0.003	-0.101	0.348	-0.141	0.000
SB	0.167	0.695	0.769	0.667	0.288	-0.045	0.000
SN	-0.081	0.990	0.932	0.860	0.136	0.020	0.000
SR	-0.111	0.784	0.738	0.741	0.188	0.086	0.000
TI	1.000	-0.084	0.134	0.085	0.408	-0.235	0.000
U	-0.084	1.000	0.924	0.852	0.130	0.024	0.000
V	0.134	0.924	1.000	0.850	0.155	-0.027	0.000
Y	0.085	0.852	0.850	1.000	0.010	-0.001	0.000
ZN	0.408	0.130	0.155	0.010	1.000	-0.237	0.000
AU	-0.235	0.024	-0.027	-0.001	-0.237	1.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000

HISTO: BOGG CLAIMS 1991 SOILS, 1990 REANALYSES AND GOLD FROM 1987 S RUN ON 91:10:07 AT 9:37:28

File: bogg-all.utm Field name: AU LOG = 1 REPRAL = 0.00100
 2527 SAMPLES WITH AU MINIMUM: 1.00000 MAXIMUM: 5280.00
 2527 VALUES PLOTTED: 0 NOT IN RANGE 1.00000 to 5280.00
 GEOMETRIC MEAN: 3.75106 DISPERSION: 1.08478 12.9708

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

N	MIDPOINT	PERCENT	0	200	400	600	800
710	1.0000	# 28.10	I	I	I	I	I
0	1.2390	0.00	I	I	I	I	I
0	1.5351	0.00	I	I	I	I	I
217	1.9019	8.59	I	I	I	I	I
443	2.3565	# 17.53	I	I	I	I	I
132	2.9196	5.22	I	I	I	I	I
83	3.6174	3.28	I	I	I	I	I
0	4.4819	0.00	I	I	I	I	I
191	5.5530	7.56	I	I	I	I	I
56	6.8801	2.22	I	I	I	I	I
83	8.5243	3.28	I	I	I	I	I
117	10.561	4.63	I	I	I	I	I
60	13.085	2.37	I	I	I	I	I
92	16.213	3.64	I	I	I	I	I
70	20.087	2.77	I	I	I	I	I
66	24.888	2.61	I	I	I	I	I
62	30.836	2.45	I	I	I	I	I
49	38.205	# 1.94	I	I	I	I	I
30	47.335	1.19	I	I	I	I	I
23	58.648	0.91	I	I	I	I	I
10	72.664	0.40	I	I	I	I	I
6	90.029	0.24	I	I	I	I	I
4	111.54	0.16	I	I	I	I	I
8	138.20	0.32	I	I	I	I	I
3	171.23	0.12	I	I	I	I	I
2	212.15	0.08	I	I	I	I	I
2	262.85	0.08	I	I	I	I	I
1	325.67	0.04	I	I	I	I	I
1	403.50	0.04	I	I	I	I	I
1	499.93	0.04	I	I	I	I	I
1	619.41	0.04	I	I	I	I	I
2	767.43	0.08	I	I	I	I	I
0	950.84	0.00	I	I	I	I	I
0	1178.1	0.00	I	I	I	I	I
0	1459.6	0.00	I	I	I	I	I
0	1808.4	0.00	I	I	I	I	I
1	2240.6	0.04	I	I	I	I	I
0	2776.1	0.00	I	I	I	I	I
0	3439.6	0.00	I	I	I	I	I
0	4261.6	0.00	I	I	I	I	I
1	5280.0	0.04	I	I	I	I	I
2527			I	I	I	I	I

HISTO: BOGG CLAIMS 1991 SOILS, 1990 REANALYSES AND GOLD FROM 1987 S RUN ON 91:10:07 AT 9:37:28

File: bogg-all.utm Field name: CU LOG = 1 REPVAL = 0.00100
 1975 SAMPLES WITH CU MINIMUM: 0.500000 MAXIMUM: 1943.00
 1975 VALUES PLOTTED: 0 NOT IN RANGE 0.500000 to 1943.00
 GEOMETRIC MEAN: 46.9964 DISPERSION: 21.5721 102.385
 SCALE OF HISTOGRAM IS 10.00 COUNTS /PRINT POSITION N = 5,50,95%

N	MIDPOINT	PERCENT	0	100	200	300	400
1	0.50000	0.05	I				I
0	0.61476	0.00	I				I
0	0.75587	0.00	I				I
0	0.92936	0.00	I				I
0	1.1427	0.00	I				I
0	1.4049	0.00	I				I
0	1.7274	0.00	I				I
1	2.1239	0.05	I				I
0	2.6114	0.00	I				I
0	3.2108	0.00	I				I
4	3.9477	0.20	I				I
1	4.8538	0.05	I				I
8	5.9679	0.41	I*				I
13	7.3377	0.66	I**				I
26	9.0219	1.32	I***				I
23	11.093	1.16	I**				I
48	13.639	# 2.43	I*****				I
69	16.769	3.49	I*****				I
108	20.618	5.47	I*****				I
199	25.350	10.08	I*****				I
167	31.169	8.46	I*****				I
222	38.323	11.24	I*****				I
258	47.119	# 13.06	I*****				I
184	57.934	9.32	I*****				I
167	71.231	8.46	I*****				I
153	87.581	7.75	I*****				I
109	107.68	5.52	I*****				I
79	132.40	4.00	I*****				I
53	162.79	# 2.68	I*****				I
34	200.15	1.72	I**				I
13	246.09	0.66	I*				I
15	302.58	0.76	I**				I
8	372.03	0.41	I*				I
6	457.41	0.30	I*				I
3	562.40	0.15	I				I
0	691.49	0.00	I				I
0	850.20	0.00	I				I
1	1045.3	0.05	I				I
0	1285.3	0.00	I				I
1	1580.3	0.05	I				I
1	1943.0	0.05	I				I

continued..../7

HISTO: BOGG CLAIMS 1991 SOILS, 1990 REANALYSES AND GOLD FROM 1987 S RUN ON 91:10:07 AT 9:37:28

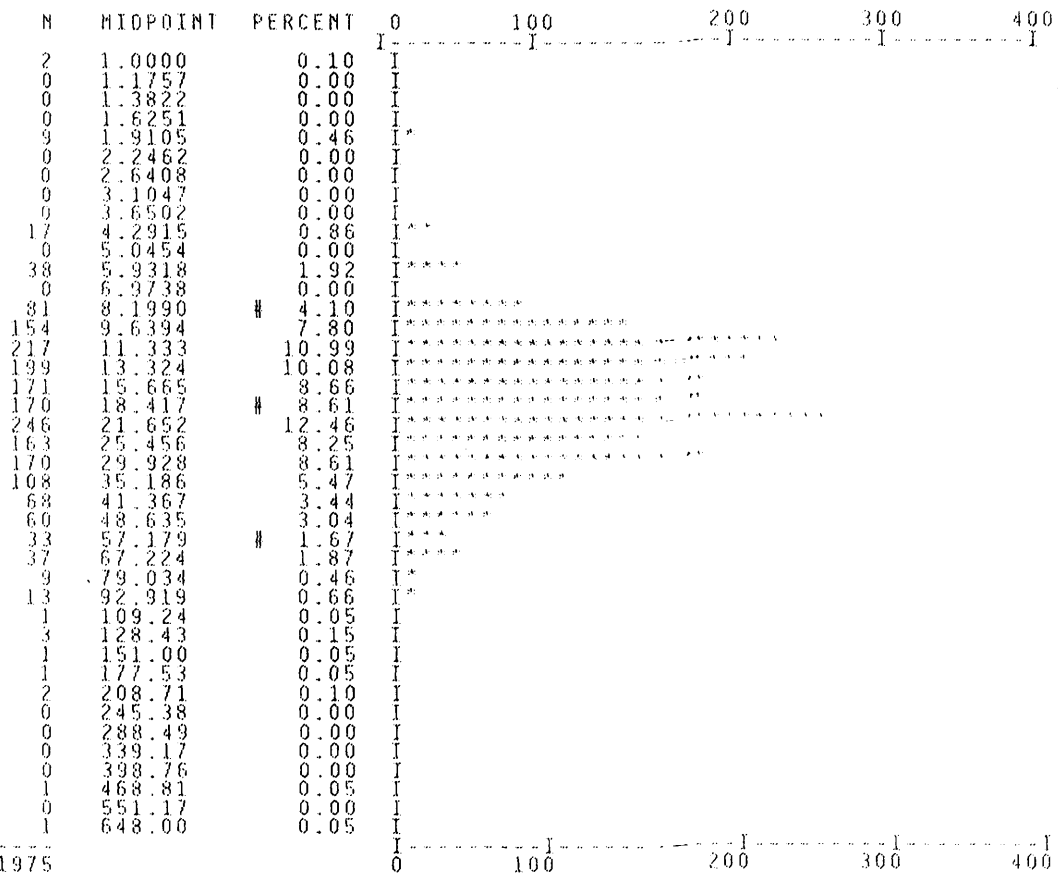
File: bogg-all.utm Field name: : PB LOG = 1 REPRAL = 0.00100

1975 SAMPLES WITH PB MINIMUM: 1.000000 MAXIMUM: 648.000

1975 VALUES PLOTTED: 0 NOT IN RANGE 1.000000 to 648.000

GEOMETRIC MEAN: 18.9479 DISPERSION: 10.2723 34.9504

SCALE OF HISTOGRAM IS 10.00 COUNTS /PRINT POSITION N = 5,50,95%



HISTO: BOGG CLAIMS 1991 SOILS, 1990 REANALYSES AND GOLD FROM 1987 S RUN ON 91:10:07 AT 9:37:28

File: bogg-all.utm Field name: AS LOG = 1 REPVAL = 0.00100
 2528 SAMPLES WITH AS MINIMUM: 2.00000 MAXIMUM: 195.000
 2528 VALUES PLOTTED: 0 NOT IN RANGE 2.00000 to 195.000
 GEOMETRIC MEAN: 11.0113 DISPERSION: 4.69534 25.8233
 SCALE OF HISTOGRAM IS 20.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0	200	400	600	800
64	2.0000	2.53	I				
0	2.2426	0.00	I				
222	2.5147	# 8.78	I				
0	2.8197	0.00	I				
27	3.1618	1.07	I				
0	3.5453	0.00	I				
45	3.9754	1.78	I				
0	4.4576	0.00	I				
303	4.9984	11.99	I				
0	5.6047	0.00	I				
50	6.2847	1.98	I				
44	7.0470	1.74	I				
40	7.9019	1.58	I				
36	8.8605	1.42	I				
426	9.9353	# 16.85	I				
27	11.141	1.07	I				
44	12.492	1.74	I				
13	14.007	0.51	I				
394	15.707	15.59	I				
24	17.612	0.95	I				
273	19.748	10.80	I				
7	22.144	0.28	I				
148	24.830	5.85	I				
5	27.842	0.20	I				
102	31.220	4.03	I				
70	35.007	2.77	I				
62	39.254	# 2.45	I				
31	44.016	1.23	I				
25	49.355	0.99	I				
7	55.342	0.28	I				
10	62.056	0.40	I				
5	69.584	0.20	I				
7	78.025	0.28	I				
6	87.490	0.24	I				
4	98.103	0.16	I				
3	110.00	0.12	I				
3	123.35	0.12	I				
0	138.31	0.00	I				
0	155.09	0.00	I				
0	173.90	0.00	I				
1	195.00	0.04	I				
2528			I	I	I	I	I

HISTO: BOGG CLAIMS 1991 SOILS, 1990 REANALYSES AND GOLD FROM 1987 S RUN ON 91:10:07 AT 9:37:28

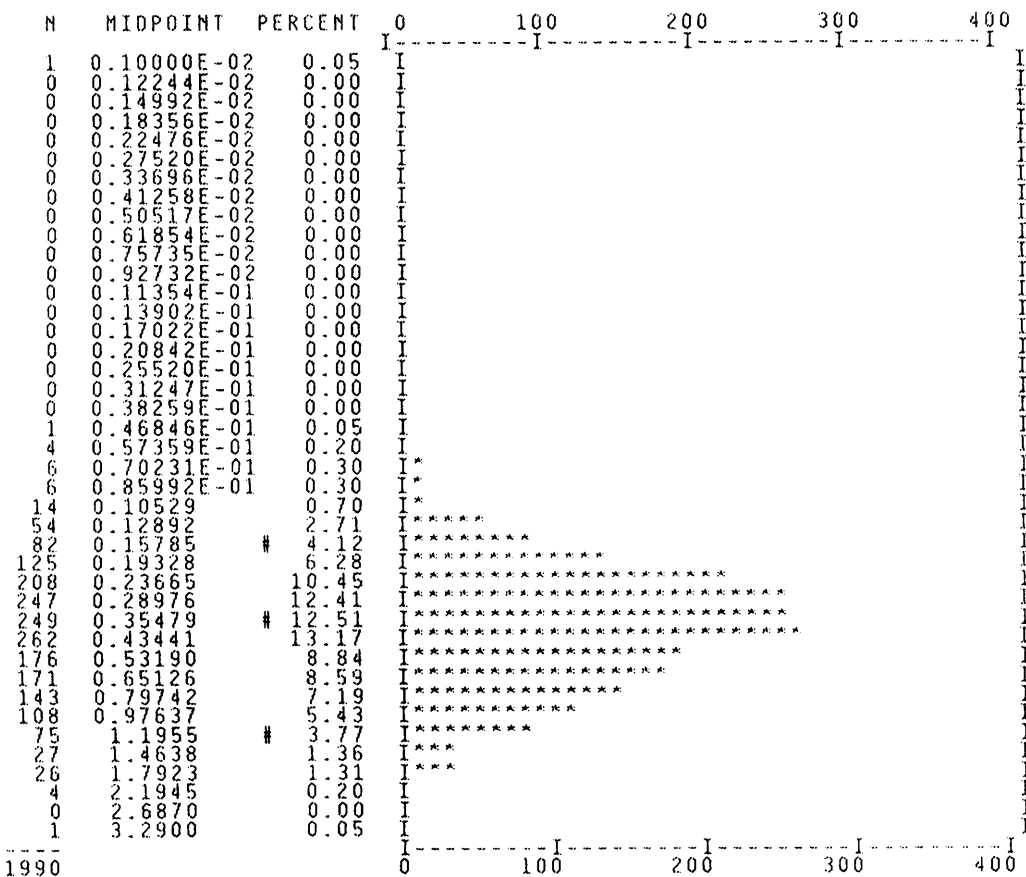
File: bogg-all.utm Field name: AG LOG = 1 REPVAL = 0.00100
 2528 SAMPLES WITH AG MINIMUM: 0.100000 MAXIMUM: 5.80000
 2528 VALUES PLOTTED: 0 NOT IN RANGE 0.100000 to 5.80000
 GEOMETRIC MEAN: 0.172088 DISPERSION: 0.743909E-010.398092
 SCALE OF HISTOGRAM IS 50.00 COUNTS /PRINT POSITION R = 5.50,95%

N	MIDPOINT	PERCENT	0	500	1000	1500	2000
1603	0.100000E+00	63.41	I	I	I	I	I
0	0.11068	0.00	I	I	I	I	I
0	0.12251	0.00	I	I	I	I	I
0	0.13560	0.00	I	I	I	I	I
0	0.15009	0.00	I	I	I	I	I
0	0.16612	0.00	I	I	I	I	I
0	0.18387	0.00	I	I	I	I	I
284	0.20352	11.23	I	I	I	I	I
0	0.22526	0.00	I	I	I	I	I
0	0.24933	0.00	I	I	I	I	I
0	0.27597	0.00	I	I	I	I	I
70	0.30545	2.77	I	I	I	I	I
0	0.33809	0.00	I	I	I	I	I
0	0.37421	0.00	I	I	I	I	I
198	0.41419	7.83	I	I	I	I	I
0	0.45844	0.00	I	I	I	I	I
38	0.50742	1.50	I	I	I	I	I
0	0.56164	0.00	I	I	I	I	I
93	0.62165	3.68	I	I	I	I	I
25	0.68806	0.99	I	I	I	I	I
67	0.76158	2.65	I	I	I	I	I
0	0.84295	0.00	I	I	I	I	I
9	0.93301	0.36	I	I	I	I	I
29	1.0327	1.15	I	I	I	I	I
31	1.1430	1.23	I	I	I	I	I
5	1.2652	0.20	I	I	I	I	I
11	1.4003	0.44	I	I	I	I	I
13	1.5499	0.51	I	I	I	I	I
13	1.7155	0.51	I	I	I	I	I
2	1.8988	0.08	I	I	I	I	I
8	2.1017	0.32	I	I	I	I	I
2	2.3263	0.08	I	I	I	I	I
9	2.5748	0.36	I	I	I	I	I
4	2.8499	0.16	I	I	I	I	I
5	3.1544	0.20	I	I	I	I	I
1	3.4914	0.04	I	I	I	I	I
2	3.8644	0.08	I	I	I	I	I
3	4.2773	0.12	I	I	I	I	I
2	4.7343	0.08	I	I	I	I	I
0	5.2401	0.00	I	I	I	I	I
1	5.8000	0.04	I	I	I	I	I
2528			I	I	I	I	I

HISTO: BOGG CLAIMS-1991 SOILS AND 1990 REANALYSES

RUN ON 91:10:08 AT 19:12:34

File: bogg-91.utm Field name: CA LOG = 1 REPVAL = 0.00100
 1990 SAMPLES WITH CA MINIMUM: 0. MAXIMUM: 3.29000
 1990 VALUES PLOTTED: 0 NOT IN RANGE 0. to 3.29000
 GEOMETRIC MEAN: 0.405220 DISPERSION: 0.213151 0.770359
 SCALE OF HISTOGRAM IS 10.00 COUNTS /PRINT POSITION # = 5,50,95%



1990

BGG SOIL GEOCHEMISTRY

LOGARITHMIC VALUES

=====

VARIABLE = As

UNIT = ppm

N = 2528

N CI = 35

POPULATIONS

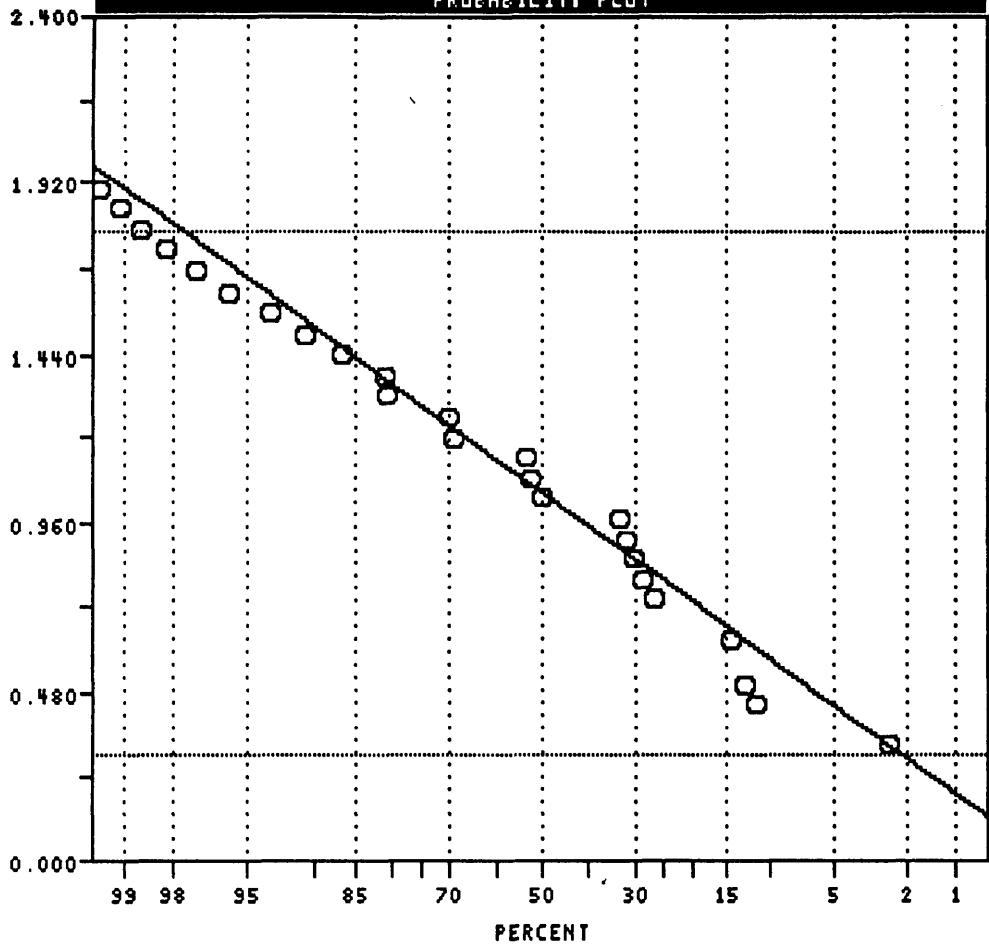
=====

Pop.	Mean	Std.Dev.	%
1	1.0418	0.3702	100.0

Pop.	THRESHOLDS	
1	0.3014	1.7822

USERS VISUAL
PARAMETER ESTIMATES

FREQUENCY PLOT



BOGG SOIL GEOCHEMISTRY

LOGARITHMIC VALUES

=====

VARIABLE = Cu

UNIT = ppm

N = 1975

N CI = 33

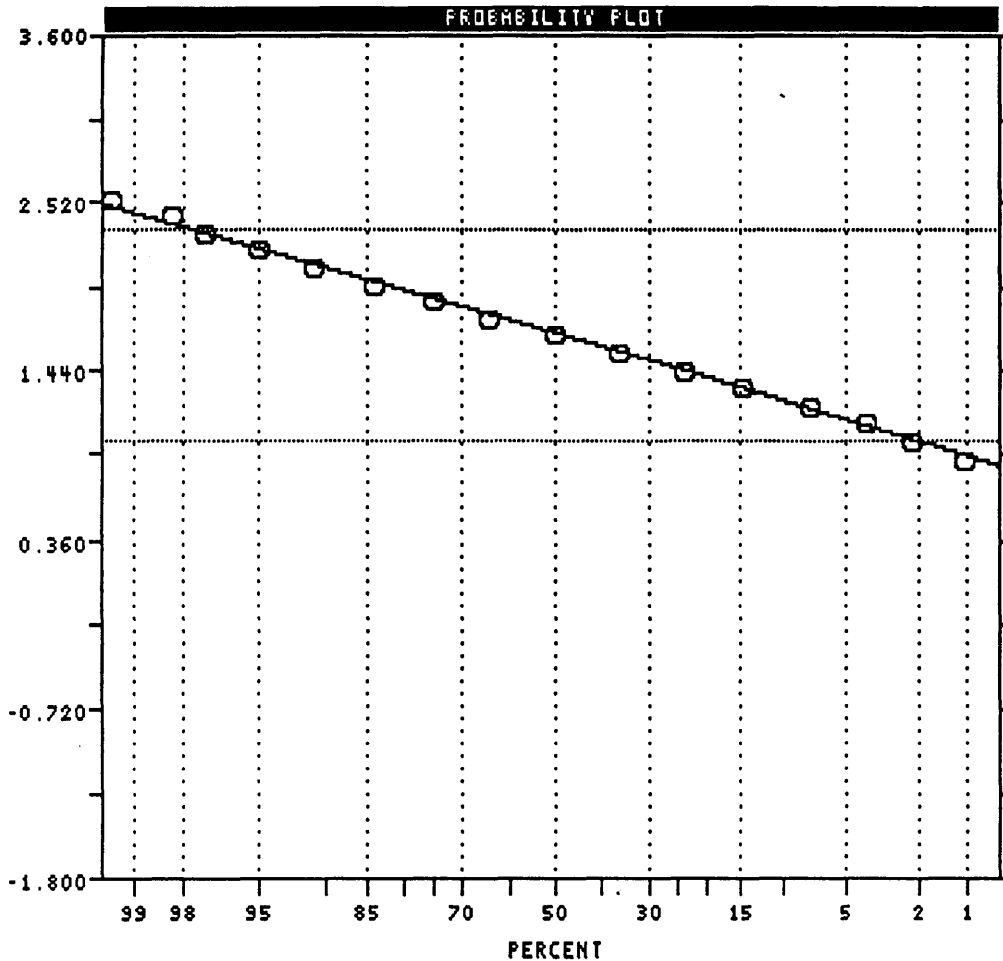
POPULATIONS

=====

Pop.	Mean	Std.Dev.	%
1	1.6721	0.3382	100.0

Pop.	THRESHOLDS	
1	0.9956	2.3485

PROBABILITY PLOT



USERS VISUAL
PARAMETER ESTIMATES

BOGG SOIL GEOCHEMISTRY

LOGARITHMIC VALUES

=====

VARIABLE = Au

UNIT = ppb

N = 2527

N CI = 35

POPULATIONS

=====

Pop.	Mean	Std.Dev.	%
1	0.2792	0.2529	69.5
2	1.1842	0.3165	29.1
3	2.1055	0.4380	1.4

Pop.	THRESHOLDS	
1	-0.2266	0.7851
2	0.5512	1.8172
3	1.2296	2.9814

CLASS INTERVAL ML
PARAMETER ESTIMATES

PROBABILITY PLOT

